

**SUBMITTAL TO THE BOARD OF DIRECTORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

812



FROM: Regional Park and Open-Space District

SUBMITTAL DATE:
March 10, 2014

SUBJECT: CalMat Site Vegetation Restoration Project – Memorandum of Understanding with the Western Riverside County Regional Conservation Authority – Intent to Adopt a Mitigated Negative Declaration - District 5/5 [0]

RECOMMENDED MOTION: That the Board of Directors:

1. Adopt a Mitigated Negative Declaration for Environmental Assessment No. 10021 and the Mitigation Monitoring and Reporting Program, attached hereto, based on the findings and conclusions incorporated therein and the conclusion that the project will not have a significant effect on the environment; and
2. Approve the CalMat Site Vegetation Restoration Project, based upon the findings and conclusions herein the staff report and the exhibits attached hereto; and
3. Approve the Memorandum of Understanding (“MOU”) with the Western Riverside County Regional Conservation Authority (“RCA”) and authorize the Chairman of the Board of Directors to execute the same on behalf of the District; and
4. Direct the Clerk of the Board to file the attached Notice of Determination with the County Clerk within 5 working days of approval of the Project.

BACKGROUND:

Summary

(continued on page 2)

Scott Bangle
General Manager

2013-031D MB

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (per Exec. Office)
COST	\$ 0	\$ 0	\$ 0	\$ 0	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0	

SOURCE OF FUNDS:

Budget Adjustment: No
For Fiscal Year:

C.E.O. RECOMMENDATION:

APPROVE

BY:

County Executive Office Signature

Alex Gann

MINUTES OF THE REGIONAL PARK AND OPEN SPACE DISTRICT BOARD

On motion of Supervisor Ashley, seconded by Supervisor Benoit and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Tavaglione, Stone, Benoit and Ashley
Nays: None
Absent: None
Date: April 1, 2014
xc: Parks

Kecia Harper-Ihem
Clerk of the Board

By:
Deputy

Prev. Agn. Ref.: M.O.13.3, 04/26/11
M.O.13.1,12/20/11

District: 5/5

Agenda Number:

13-2D

FORM APPROVED COUNTY COUNSEL
BY:
SYNTHIA M. GUNZEL
DATE: 3-13-14

Departmental Concurrence

- A-30
- 4/5 Vote
- Positions Added
- Change Order

SUBMITTAL TO THE BOARD OF DIRECTORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA
FORM 11: CalMat Site Vegetation Restoration Project – Memorandum of Understanding with the Western
Riverside County Regional Conservation Authority – Intent to Adopt a Mitigated Negative Declaration -
District 5/5; [0]

DATE: March 10, 2014

PAGE: 2 of 2

BACKGROUND: (continued from page 1)

The District applied for and was awarded grant funds from the State of California Off-Highway Vehicle Commission to restore and rehabilitate certain lands owned by the RCA along Jackrabbit Trail at Gilman Springs Road referenced as the CalMat Site. The site has been vacant for years and has been damaged by extensive illegal off-highway vehicle use. The District and RCA desire to enter into this MOU to provide the rights and responsibilities for each party concerning the land to be restored and rehabilitated under this proposed CalMat Site Vegetation Restoration Project ("Project").

The District intends to implement the Project on the CalMat Site which will rehabilitate and re-vegetate the approximately 268 acres of open-space land. The existing compacted trails will be scarified, invasive vegetation will be removed and the site will be re-vegetated with native plant materials. The site will be fenced and posted with signs to warn against further illegal activities. No structures are proposed – the project is simply the rehabilitation and restoration of open-space property.

In accordance with the California Environmental Quality Act (CEQA) (Public Resources Code Section 21000-21177) and California Code of Regulations Section 15063, the District, as lead agency, prepared an Initial Study/Environmental Assessment No. 10021 ("IS/EA#10021") to analyze the proposed Project to determine if any potential significant impacts upon the environment would result from implementation of the restoration and rehabilitation activities.

The results of the analysis demonstrate that the Project would not have any significant impacts on the environment with the implementation of the mitigation measures contained in the IS/EA#10021 for the potential impacts to biological resources. The IS/EA#10021/Mitigated Negative Declaration (MND) was prepared and circulated for the mandated 30 day public review and comment period from February 22, 2012 to March 23, 2012.

Pursuant to CEQA (Public Resources Code Section 21081.6), the District is required to adopt a reporting and monitoring plan for the mitigation measures identified in the MND to mitigate or avoid significant effects on the environment. The Mitigation Monitoring and Reporting Program (MMRP) contained in the MND presented to the Board for adoption is designed to ensure compliance during project implementation. The MND, MMRP and Notice of Determination are attached.

Adoption of the Mitigated Negative Declaration and the Mitigation Monitoring Program will complete the environmental documentation for the project. Implementation of the project will be through various contracts, including potentially the State of California's California Conservation Corps.

Pursuant to CEQA Section 15074, the District considered all comments received during the review period prior to adoption of the MND. Only two comment letters were received. The comment letters and their responses are included in the final MND.

The District Board has considered the Mitigated Negative Declaration with any comments received during the process and finds that on the basis of the whole record before it, that there is no substantial evidence that the project will have a significant effect on the environment and the mitigated negative declaration reflects the District's independent judgment and analysis.

The Memorandum of Understanding has been approved as to form by County Counsel.

Impact on Citizens and Businesses

The impact on the residents and businesses is negligible. The project is an open-space vegetation and habitat restoration effort to repair damaged caused by illegal Off highway vehicle use to established RCA lands.

1 F. RCA has the authority and right to grant District the permission to enter upon the Property to
2 perform the restoration and rehabilitation activities.

3 G. The Parties desire to enter into this MOU to work cooperatively in furtherance of the Project and
4 to provide the rights and responsibilities for each of the Parties.

5 NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which are
6 hereby acknowledged, the parties agree as follows:

7 **AGREEMENT**

8 **I. RCA'S RIGHTS AND RESPONSIBILITIES.**

9 A. RCA hereby grants the right to the District to enter upon the Property to implement the
10 Project by performing the restoration and rehabilitation activities as described in the Agreement.
11 RCA shall grant no rights inconsistent with the reasonable exercise by District of its rights under
12 this MOU.

13 B. RCA and its representatives, employees, or agents may enter and inspect the Property or
14 any portion thereof or any improvements thereon at any time and from time to time at reasonable
15 times to verify District's compliance with the terms and conditions of this MOU.

16 **II. DISTRICT'S RIGHTS AND RESPONSIBILITIES.**

17 A. District agrees to perform the activities described in the Agreement upon the Property.

18 B. Prior to any entry upon the Property for any of the purposes hereinabove set forth, District
19 shall notify the authorities in charge named below by written and/or oral notice at least forty-eight
20 (48) hours prior to commencement of entry and work. District shall also notify authorities in
21 charge when work has been completed.

22 C. District shall not permit to be placed against the Property, or any part thereof, any design
23 professionals', mechanics', material man's contractors' or subcontractors' liens with the regard to
24 District's actions upon the Property. District agrees to hold RCA harmless for any loss or
25 expense, including reasonable attorneys' fee, arising from any such liens which might be file
26 against the Property.

27 D. It is expressly understood that any rights granted under this MOU is not exclusive and does
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1 not in any way whatsoever grant or convey any permanent easement, lease, fee or other real
2 property interest in the Property to the District.

3 E. The District agrees to provide RCA in a timely fashion a copy of RCA's reports,
4 publications, or electronic data published as a result of information obtained from the District's
5 use of the Property, including any reports provided to the State of California. In addition, the
6 District shall provide RCA with a status report, once this MOU is signed by both parties and at the
7 completion of the Project. RCA retains the right to use any and all such data or reports for its own
8 purposes.

9 F. Other than the restoration work implemented as a result of the Agreement, in the event of
10 an early termination of this MOU, the District shall, at its own cost and expense, restore the
11 Property to the same condition in which it was prior to the District's entry. In case the District
12 shall fail to restore the Property to its prior condition within ten (10) business days after the
13 effective date of the termination, RCA may proceed with such work at the expense of the District.

14 G. The District agrees to require all consultants and contractors to comply with the provisions
15 in Exhibit "C."

16 **III. COOPERATION.**

17 A. The Parties agree that RCA is not a party to the Agreement, nor will RCA assume or be
18 assigned of the terms and conditions of the Agreement by entering into this MOU. RCA agrees
19 that it will not act in any manner that would cause the District to violate the terms of the
20 Agreement.

21 B. The Parties agree to cooperate with each other in the implementation of this MOU and
22 perform any and all acts necessary to carry out the intent of the MOU. Without limiting the
23 foregoing, the Parties agree to provide necessary approvals, and execute, acknowledge, and deliver
24 any and all additional papers, documents and other assurances as may be necessary to carry out the
25 intent of the MOU.

26 C. Mutual Indemnification.

27 1. RCA shall defend, indemnify and hold harmless District, its directors, officers,
28

1 Board of Directors, elected and appointed officials, employees, agents and representatives,
2 from all actions, claims, suits, penalties, obligations, damages and liabilities of whatsoever
3 kind and nature arising from death, personal injury, property damage or other cause
4 asserted or based upon any act or omission of RCA, its employees, agents or
5 representatives of RCA, or the obligations contemplated by this MOU, to or in any way
6 connected with RCA's use of the Property. Such indemnification shall include all
7 reasonable costs and attorney fees. The obligations set forth in this paragraph shall survive
8 the termination of this MOU.

9 2. District shall defend, indemnify and hold harmless RCA, its directors, officers,
10 Board of Directors, elected and appointed officials, employees, agents and representatives,
11 from all actions, claims, suits, penalties, obligations, damages and liabilities of whatsoever
12 kind and nature arising from death, personal injury, property damage or other cause
13 asserted or based upon any act or omission of District, its employees, agents or
14 representatives of District, or the obligations contemplated by this MOU, to or in any way
15 connected with District's use of the Property. Such indemnification shall include all
16 reasonable costs and attorney fees. The obligations set forth in this paragraph shall survive
17 the termination of this MOU.

18 **IV. TERM.**

19 A. This MOU shall commence on the Effective Date and shall continue until the Project is
20 complete and the responsibilities of the Agreement have been fully satisfied, but in no event shall
21 the MOU extend beyond September 5, 2017. The term may be extended by an express written
22 amendment to this MOU by the Parties pursuant to Section V below.

23 B. If either Party to this MOU believes that the other Party has failed to perform any
24 obligation of that Party in accordance with the terms of this MOU ("Default"), the Party alleging
25 the Default shall provide written notice ("Default Notice") to the other Party, setting forth the
26 nature of the alleged Default. Unless otherwise provided by a specific term of this Agreement, the
27 Party claimed to be in Default shall have thirty (30) days from the receipt of the Default Notice to
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1 completely cure such Default or, if such Default cannot reasonably be cured within such thirty
2 (30) day period, to commence the cure of such Default within the thirty (30) day period and
3 diligently prosecute the cure to completion thereafter. If the Party alleged to be in Default fails to
4 cure, or to commence to cure (if applicable), the Party alleging the Default may terminate this
5 MOU.

6 **V. CHANGES OR MODIFICATIONS.**

7 No part of this MOU may be modified, altered, amended, waived, or changed without the express
8 written consent of the Parties hereto. The Parties recognize that the potential for similar projects
9 may arise in the future and will negotiate in good faith to enter into another memorandum of
10 understanding to address those projects at an appropriate time.

11 **VI. NOTICE.**

12 As used in this MOU, notice includes but is not limited to, the communication of any notice,
13 request, demand, approval, statement, report, acceptance, consent, waiver and appointment. All
14 notices must be in writing. Notice is given either (i) when delivered in person to the person or
15 company intended named below, (ii) when delivered via facsimile with confirmation from the
16 receiving party via return fax; or (iii) when sent via reputable overnight courier (such as Federal
17 Express), addressed by name and addressed to the party or persons intended, as follows, until such
18 time as a party gives notice of a change of address in accordance with the terms of this section:

19 **DISTRICT**

20 Attn: Marc Brewer
21 4600 Crestmore Road
22 Jurupa Valley, CA 92509
23 Phone: (951) 955-4316
24 Fax: (951) 955-4305

25 With a copy to:

26 **COUNTY COUNSEL**

27 Attn: Synthia M. Gunzel
28 Office of the County Counsel
3960 Orange Street, Suite 500
Riverside, CA 92501

19 **RCA**

20 Attn: Laurie Correa
21 3403 10th Street, Suite 320
22 Riverside, CA 92501
23 Phone: (951) 955-9700
24 Fax: (951) 955-8873

25 With a copy to:

26 **RCA GENERAL COUNSEL**

27 Attn: Michelle Ouellette
28 Best Best & Krieger LLP
3390 University Avenue, Suite 500
Riverside CA 92501

29 **VII. CONFLICT OF INTEREST.**

1 No member, official or employee of the District or RCA shall have any personal interest, direct or
2 indirect, in this MOU nor shall any such member, official or employee participate in any decision
3 relating to this MOU which affects his or her personal interests or the interest of any corporation,
4 partnership or association in which he or she is directly or indirectly interested.

5 **VIII. NO THIRD PARTY BENEFICIARIES.**

6 This MOU is made and entered into for the sole protection and benefit of the Parties hereto. No
7 other person or entity shall have any right of action based upon the provisions of this MOU.

8 **IX. ASSIGNMENT.**

9 This MOU shall not be assigned by either Party, either in whole or in part, without the prior
10 written consent of the non-assigning Party. Any assignment or purported assignment of this MOU
11 without the prior written consent of the non-assigning Party will be deemed void and of no force
12 or effect.

13 **X. GOVERNING LAW AND JURISDICTION.**

14 The Parties agree that in the exercise of this MOU, the Parties shall comply with all applicable
15 federal, state, county and local laws, and regulations. Without limiting the generality of the
16 foregoing, the District, at its sole cost and expense, shall obtain any and all permits which may be
17 required by any law, regulation or ordinance for any activities the District desires to conduct or
18 have conducted pursuant to this MOU. The existence, validity, construction, operation and effect
19 of this MOU and all of its terms and provisions shall be determined in accordance with the laws of
20 the State of California. Any action at law or in equity brought by either of the Parties hereto for
21 the purpose of enforcing a right or rights provided for by this MOU shall be tried in a court of
22 competent jurisdiction in the County of Riverside, State of California, and the Parties hereby
23 waive all provisions of law providing for a change of venue in such proceedings to any other
24 county.

25 ///

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2 **XI. PARAGRAPH TITLES.**

3 The paragraph titles of this MOU are (i) inserted only for the convenience of the Parties, (ii) are
4 not intended to describe, define, limit, or otherwise affect the provisions in the portions of the
5 MOU to which they pertain, and (iii) in no way describe, define, limit, or otherwise affect the
6 scope or intent of this MOU or in any way affect the agreement of the Parties set out in this MOU.

7 **XII. INTERPRETATION.**

8 The parties hereto have negotiated this MOU at arm's length and have been advised by their
9 respective attorneys, or if not represented by an attorney, represent that they had an opportunity to
10 be so represented and no provision contained herein shall be construed against the District solely
11 because it prepared this MOU in its executed form.

12 **XIII. ENTIRE AGREEMENT.**

13 This MOU embodies the entire agreement between the Parties hereto in relation to the subject
14 matter hereof, and no other agreement or understanding, verbal or otherwise, relative to this
15 subject matter exists between the Parties at the time of execution of this MOU. This MOU may
16 only be modified or amended by the mutual consent of the Parties in writing.

17 **XIV. AUTHORITY TO EXECUTE.**

18 The individuals executing this MOU and the instruments referenced herein each represent and
19 warrant that they have the legal power, right and actual authority to bind their respective Parties to
20 the terms and conditions hereof and thereof.

21 **XV. ATTORNEYS' FEES.**

22 In the event of a dispute, demand, claim, or action or other proceeding between the Parties with
23 respect to the interpretation of the terms or conditions of this MOU or the respective rights of the
24 Parties pursuant to this MOU, the prevailing Party shall be entitled to collect from the other its
25 reasonable attorneys' fees, costs and expenses, and other costs of litigation, if any, as established
26 by the judge or arbitrator presiding over such dispute.

27 **XVI. COUNTERPARTS.**

28 The Parties may execute duplicate originals (counterparts) of the MOU or any other documents
that they are required to sign or furnish pursuant to the MOU.

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[Signature Provisions on the Following Page]

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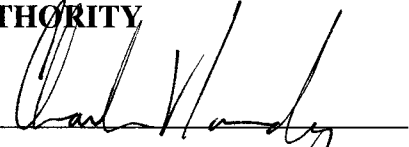
**SIGNATURE PAGE TO THE MEMORANDUM OF UNDERSTANDING BETWEEN THE
RIVERSIDE COUNTY REGIONAL PARK AND OPEN-SPACE DISTRICT AND THE
WESTERN RIVERSIDE COUNTY REGIONAL CONSERVATION AUTHORITY FOR THE
CALMAT SITE VEGETATION RESTORATION PROJECT**

IN WITNESS WHEREOF, the Parties have caused this MOU to be signed as of the date first above
written.

**RIVERSIDE COUNTY REGIONAL
PARK AND OPEN-SPACE DISTRICT**

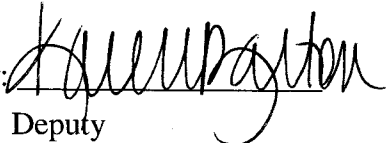
**WESTERN RIVERSIDE COUNTY
REGIONAL CONSERVATION
AUTHORITY**

By: 
Chairman **KEVIN JEFFRIES**
Board of Directors

By: 
Charles V. Landry
Executive Director

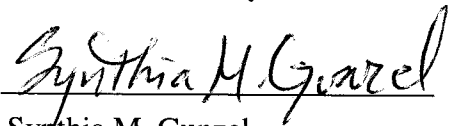
ATTEST:

Kecia Harper-Ihem
Clerk of the Board

By: 
Deputy

APPROVED AS TO FORM:

Pamela J. Walls, County Counsel

By: 
Cynthia M. Gunzel
Deputy County Counsel

APPROVED AS TO FORM:

By: 
RCA General Counsel
Best Best & Krieger LLP

Exhibit A

LEGAL DESCRIPTION OF PROPERTY

PARCEL 1:

THAT PORTION OF BLOCK 15 OF THE CONSOLIDATED RESERVOIR AND POWER COMPANY'S SUBDIVISION OF SAN JACINTO LAKE TRACT, AS PER MAP RECORDED IN BOOK 6, PAGE 83 OF MAPS, RIVERSIDE COUNTY RECORDS, BOUNDED ON THE WEST BY THAT CERTAIN PARCEL OF LAND CONVEYED TO FRANK MOTTE AND ELIZABETH MOTTE, BY DEED RECORDED SEPTEMBER 16, 1969, AS INSTRUMENT NO. 94564, OFFICIAL RECORDS, BOUNDED ON THE SOUTH BY GILMAN SPRINGS ROAD, AS CONVEYED TO THE COUNTY OF RIVERSIDE, BY DEED RECORDED IN BOOK 433, PAGE 111 OF DEEDS AND BOUNDED ON THE SOUTHEAST BY JACKRABBIT TRAIL AS CONVEYED TO THE COUNTY OF RIVERSIDE, BY DEED RECORDED OCTOBER 30, 1968, AS INSTRUMENT NO. 104247, OFFICIAL RECORDS.

PARCEL 2:

THE SOUTHWEST 1/4 OF SECTION 14, TOWNSHIP 3 SOUTH, RANGE 2 WEST, SAN BERNARDINO BASE AND MERIDIAN;

EXCEPT THAT PORTION INCLUDED WITHIN JACKRABBIT TRAIL AS CONVEYED TO THE COUNTY OF RIVERSIDE BY DEED RECORDED OCTOBER 30, 1968, AS INSTRUMENT NO. 104247, OFFICIAL RECORDS.

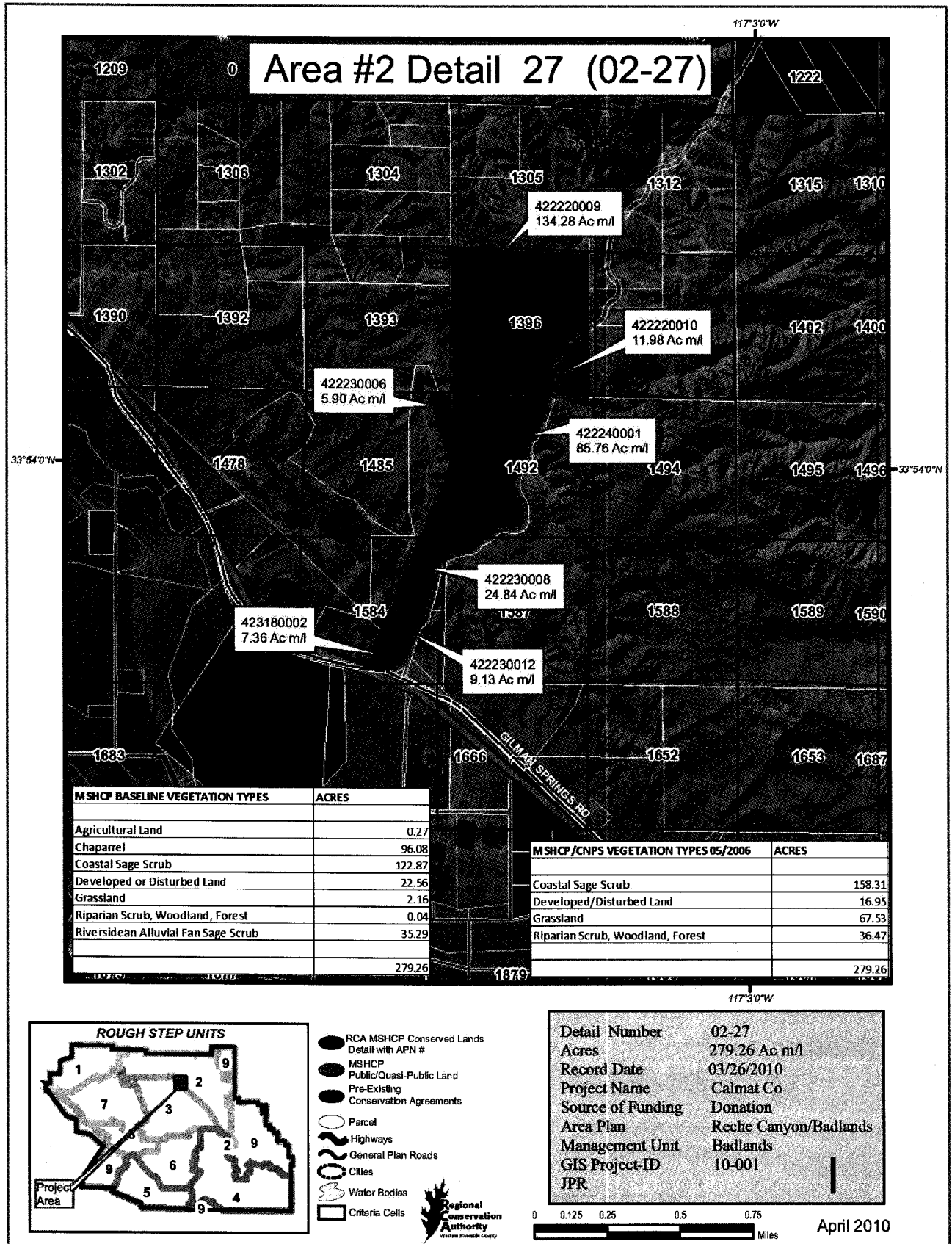
PARCEL 3:

THAT PORTION OF THE WEST 1/2 OF SECTION 23, TOWNSHIP 3 SOUTH, RANGE 2 WEST, SAN BERNARDINO BASE AND MERIDIAN, LYING NORTHERLY AND WESTERLY OF JACKRABBIT TRAIL AS CONVEYED TO THE COUNTY OF RIVERSIDE BY DEED RECORDED OCTOBER 30, 1968, AS INSTRUMENT NO. 104247, OFFICIAL RECORDS.

PARCEL 4:

THAT PORTION OF GOVERNMENT LOT 4 AND THE EAST 1/2 OF SECTION 22, TOWNSHIP 3 SOUTH, RANGE 2 WEST, SAN BERNARDINO BASE AND MERIDIAN LYING EASTERLY OF THAT CERTAIN PARCEL OF LAND CONVEYED TO FRANK MOTTE AND ELIZABETH MOTTE BY DEED RECORDED SEPTEMBER 16, 1969, AS INSTRUMENT NO. 94564, OFFICIAL RECORDS AND LYING WESTERLY AND NORTHWESTERLY OF JACKRABBIT TRAIL, AS CONVEYED TO THE COUNTY OF RIVERSIDE BY DEED RECORDED OCTOBER 30, 1968, AS INSTRUMENT NO. 104247, OFFICIAL RECORDS.

END OF LEGAL DESCRIPTION



RC2100062

Exhibit B
The Agreement

State of California - The Resources Agency OFF-HIGHWAY MOTOR VEHICLE RECREATION DIVISION
DEPARTMENT OF PARKS AND RECREATION GRANTS AND COOPERATIVE AGREEMENTS PROGRAM

PROJECT AGREEMENT

PROJECT AGREEMENT NUMBER: G10-03-60-R02 PROJECT TYPE: Restoration

GRANTEE: Riverside County Regional Park and Open-Space District

PROJECT TITLE: Restoration: CalMat Site

PROJECT PERFORMANCE PERIOD: FROM 09/06/2011 THROUGH 09/05/2014

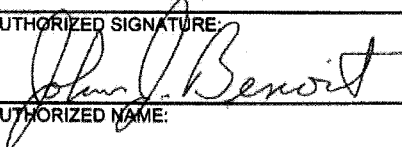
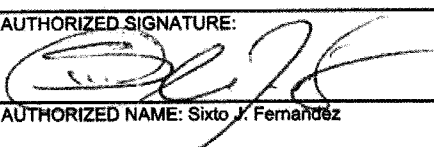
MAXIMUM AMOUNT PAYABLE SHALL NOT EXCEED \$439,438.00 (Four Hundred Thirty Nine Thousand Four Hundred Thirty Eight and 00/100)

THIS PROJECT AGREEMENT is made and entered into, by and between the State of California, acting by and through the Department of Parks and Recreation, Off-Highway Motor Vehicle Recreation Division and Grantee.

The Grantee agrees to complete the project as described in the Project Description. The Grantee's Application, the Off-Highway Motor Vehicle Act of 2003 and the California Code of Regulations, Division 3, Chapter 15, Sections 4970-4970.26 are hereby incorporated into this agreement by reference.

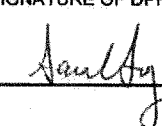
The parties hereto agree to comply with the terms and conditions of the following attachments which by reference are made a part of the Project Agreement.


- ATTACHMENT 1 - PROJECT COST ESTIMATE
- ATTACHMENT 2 - GENERAL PROVISIONS

GRANTEE	STATE OF CALIFORNIA
AUTHORIZED SIGNATURE: 	AUTHORIZED SIGNATURE: 
AUTHORIZED NAME: JOHN J. BENOIT	AUTHORIZED NAME: Sixto J. Fernandez
TITLE: <i>Chairman</i>	TITLE: Grants Manager
DATE: <i>DEC 20 2011</i>	DATE: <i>2-24-12</i>

CERTIFICATION OF FUNDING (FOR STATE USE ONLY)				
CONTRACT NUMBER: C32-14-146		VENDOR NUMBER: 4000000001-04		FUND: Off-Highway Vehicle Trust Fund
INDEX: 1550	OBJECT CODE: 702	PCA: 62666	CONTRACT AMOUNT: 439,438.00	APPROPRIATION: Local Assistance
ITEM: 3790-101-0263	CHAPTER: 712/10	STATUTE: 2010	FISCAL YEAR: 2011/2012	

I hereby certify upon my own personal knowledge that budgeted funds are available for this encumbrance.

SIGNATURE OF DPR ACCOUNTING OFFICER:  DATE: *2/24/12*

ATTEST:
 (S) KATHARINE M. CLARK, Clerk
 COUNTY OF RIVERSIDE
 BY:  DEPT. V
 FORM APPROVED BY COUNTY COUNSEL
 BY: NEAL R. KIPNIS DATE:

DEC 20 2011 13.1

Grantee

ATTACHMENT 1

Project Cost Estimate for Grants and Cooperative Agreements Program - 2010/2011
Agency: Riverside County Regional Park and Open-Space District
Application: Restoration: CalMat Site

APPLICANT NAME :	Riverside County Regional Park and Open-Space District		
PROJECT TITLE :	Restoration: CalMat Site	PROJECT NUMBER (Division use only) :	G10-03-60-R02
PROJECT TYPE :	<input type="checkbox"/> Acquisition <input type="checkbox"/> Development <input type="checkbox"/> Education & Safety <input type="checkbox"/> Ground Operations <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Planning <input checked="" type="checkbox"/> Restoration		
PROJECT DESCRIPTION :	<p>The project will consist of two phases:</p> <p>Phase 1 - Completion and approval of the California Environmental Quality Act (CEQA) required activities for the project; and</p> <p>Phase 2 - Provide for restoration to a section of 'The Badlands' which separates the City of Moreno Valley from the City of Beaumont (CalMat site) within Riverside County. Restoration activities of the CalMat site include, but are not limited to: regrading and revegetation of areas damaged by unauthorized OHV use; perimeter fencing of the site (approximately 5 miles); and associated regulatory agency fees.</p> <p>The grantee is required to provide a minimum of 26 percent of the total project cost in matching funds.</p>		

	Line Item	Qty	Rate	UOM	Grant Req.	Match	Total
DIRECT EXPENSES							
Program Expenses							
1	Staff						
	Other-Park Planner	800.000	41.670	HRS	0.00	33,336.00	33,336.00
	Other-Park Ranger II	700.000	37.610	HRS	0.00	26,327.00	26,327.00
	Other-Ground Maintenance Worker	1202.000	33.750	HRS	0.00	40,568.00	40,568.00
	Other-Natural Resources Manager Notes : Primary Objective: Conduct site assessments and create monitoring reports prior, during and after the completion of the Landscape Restoration Phase of the project. The Natural Resource Manager will be responsible for all site monitoring and assessment reports	615.000	54.080	HRS	0.00	33,259.00	33,259.00

Grantee

ATTACHMENT 1

Project Cost Estimate for Grants and Cooperative Agreements Program - 2010/2011
Agency: Riverside County Regional Park and Open-Space District
Application: Restoration: CalMat Site

Line Item	Qty	Rate	UOM	Grant Req.	Match	Total
upon the completion of the landscape restoration phase of the project. For a complete list of all job activities directly related to this project please refer to the Grant Application Soil Conservation Plan for the proposed CalMat site.						
Total for Staff				0.00	133,490.00	133,490.00
2 Contracts						
Other-Landscape Restoration Notes : Landscape Restoration Construction will be performed by a yet-to-be-determined General Contractor. The work will involve re-grading and revegetating areas throughout the site damaged by unauthorized OHV use. The process will proceed by first removing compacted unauthorized OHV trails using a bulldozer ripper attachment. Second, areas will be regraded to match the original contours of the land. Third, regraded areas will receive native plants grown either from previously acquired clippings or from nursery stock of plants known to be native to the area. This will serve the dual purpose of providing	1.000	300000.000	PKG	300,000.00	0.00	300,000.00

ATTACHMENT 1

Project Cost Estimate for Grants and Cooperative Agreements Program - 2010/2011
Agency: Riverside County Regional Park and Open-Space District
Application: Restoration: CalMat Site

Line Item	Qty	Rate	UOM	Grant Req.	Match	Total
habitat to encourage the return of native insects and other species as well as combating non-native plant species.						
Other-Fencing Notes : The proposed project site will need to be enclosed using at least five (5) miles of perimeter fencing. Perimeter fencing will consist of five horizontally ran smooth wire strands connected to t-posts. The smooth wire fencing will replace the originally proposed chain link fence. This will have the two pronged effect of reducing material cost and being more environmentally friendly by enabling animals to easily pass through the fence.	1.000	35000.000	PKG	35,000.00	0.00	35,000.00
Other-Environmental Analysis/CEQA/WQMP Notes : The environmental assessment report will be created by a yet-to-be-identified third party environmental consulting firm. It will provide an assessment of the project site as well as providing recommendations on how to implement fixes to damage caused by OHV use.	1.000	45000.000	PKG	45,000.00	0.00	45,000.00
Other-Permitting	1.000	15000.000	PKG	15,000.00	0.00	15,000.00

ATTACHMENT 1

Project Cost Estimate for Grants and Cooperative Agreements Program - 2010/2011
Agency: Riverside County Regional Park and Open-Space District
Application: Restoration: CalMat Site

Line Item	Qty	Rate	UOM	Grant Req.	Match	Total
Services Notes : These funds will help cover the regulatory agency fees of county, state and federal organizations that RC Parks will be required to pay during the design and implementation of the site rehabilitation project.						
Total for Contracts				395,000.00	0.00	395,000.00
3 Materials / Supplies						
Signs	10.000	610.000	PKG	0.00	6,100.00	6,100.00
4 Equipment Use Expenses						
5 Equipment Purchases						
6 Others						
Total Program Expenses				395,000.00	139,590.00	534,590.00
TOTAL DIRECT EXPENSES				395,000.00	139,590.00	534,590.00
INDIRECT EXPENSES						
Indirect Costs						
1 Indirect Costs						
Indirect Costs-Project Contingency	1.000	59250.000	PKG	44,438.00	14,812.00	59,250.00
Total Indirect Costs				44,438.00	14,812.00	59,250.00
TOTAL INDIRECT EXPENSES				44,438.00	14,812.00	59,250.00
TOTAL EXPENDITURES				439,438.00	154,402.00	593,840.00
TOTAL PROJECT AWARD				439,438.00		

ATTACHMENT 2

**Project Agreement General Provisions
(Local Agencies Only)**

A. Definitions

1. The term "State" as used herein means the California State Department of Parks and Recreation.
2. The term "Act" as used herein means the Off-Highway Motor Vehicle Recreation Act of 2003 as amended.
3. The term "Project" as used herein means the Project which is described on Attachment 1 of this agreement and in the Project Application, which is hereby incorporated into this agreement by reference.
4. The term "Application" as used herein means the individual Project Application and its required attachments pursuant to the enabling legislation, regulations, and/or Grant program, which is incorporated into this agreement by reference.
5. The term "Project Agreement" as used herein means the Application and the Project Agreement General Provisions.
6. The term "Grantee" as used herein means the party described as the Grantee on page 1 of the Project Agreement.

B. Project Execution

1. Subject to the appropriation and availability of Grant funds in the state budget, the State hereby awards to the Grantee the sum of money (Grant money) stated on page 1 of the Project Agreement in consideration of and on condition that the sum be expended in carrying out the purposes as set forth in the Project Description on Attachment 1 of the Project agreement and the terms and conditions set forth in this agreement.

The Grantee assumes the obligation to furnish any additional funds that may be necessary to complete or carry out the Project as described. Any modification or alteration in the Project as set forth in the Application on file with the State must be submitted to the State for approval. State's obligation to make Grant payments is limited to the Project as provided for herein, or as modified with the approval of the State.
2. The Grantee agrees to complete the Project in accordance with the Project performance period set forth on page 1 of the Project Agreement, and under the terms and conditions of this agreement.
3. If the Project includes development, the development plans, specifications and estimates or Force Account Schedule shall be reviewed and approved by the State prior to Grantee proceeding with the Project. Unless the development plans, specifications and estimates are approved by the State, the State shall have no obligation to make Grant payments for the work.

The Grantee, shall comply with all applicable current laws and regulations affecting Development Projects, including, but not limited to, legal requirements for construction contracts, building codes, health and safety codes, and laws and codes pertaining to individuals with disabilities. In addition, the Grantee shall complete the development work in accordance with the State approved development plans, specifications and estimates or Force Account Schedule. The Grantee shall make property or facilities acquired and/or developed pursuant to this agreement available for inspection upon request by the State to determine if development work is in accordance with the approved plans, specifications and estimates or Force Account Schedule, including a final inspection upon Project completion.

Grantee

ATTACHMENT 2

4. If the Project includes acquisition of real property, and the cost of which is to be reimbursed with Grant moneys under this agreement, shall as required thereby, comply with Chapter 16 (commencing with Section 7260) of Division 7 of Title 1 of the Government Code and any other applicable federal, state, or local laws or ordinances. Documentation of such compliance will be made available for review by the State upon request. Eminent domain may not be used to acquire property using the Grant funds provided by this agreement.
5. If the Project includes acquisition of real property, the purchase price shall be the fair market value of such property as established by an appraisal completed according to established current appraisal practices and methods as approved by both the Grantee and the State. Grantee agrees to furnish the State additional supportive appraisal material or justification as may be requested by the State to complete its review and approval of the fair market value.

Grantee agrees to furnish the State with preliminary title reports respecting such real property or such other evidence of title which is determined to be sufficient by the State. Grantee agrees to correct prior to or at the close of escrow any defects of title which in the opinion of State might interfere with the operation of the Project.

C. Project Costs

The Grant moneys to be provided to the Grantee under this agreement shall be disbursed as follows, but not to exceed in any event one-hundred (100) percent of the allowable Project costs or the State Grant amount as set forth on page 1 of this agreement whichever is less:

1. If the Project includes acquisition of real property, the State shall disburse to Grantee the Grant moneys as follows, but not to exceed in any event the State Grant amount set forth on page 1 of this agreement.

State will disburse the amount of the State approved purchase price together with State approved costs of acquisition. The State may elect to make disbursement for deposit into escrow.

2. If the Project includes development, after approval by State of Grantee's plans, specifications and estimates or Force Account Schedule and after completion of the Project or any phase or unit thereof, State shall disburse to Grantee upon receipt and approval by State of a statement of incurred costs from Grantee, the amount of such approved incurred costs shown on such statement, not to exceed the State Grant amount set forth on page 1 of this agreement, or any remaining portion of such Grant amount to the extent of such statement. Grantee, upon a showing that the Project may not proceed without advance funding, may request advance payment of those funds needed up to a maximum of ninety (90) percent of the State Grant amount allocated for development upon receipt and approval by State of Grantee plans, specifications and estimates or Force Account Schedule.

The statements to be submitted by Grantee shall set forth in detail the incurred or estimated cost of work performed or to be performed on development of the Project and whether performance will be by construction contract or by Force Account. Statements shall not be submitted, nor shall State make payments, more frequently than for work performed during ninety (90) day periods unless otherwise requested by State.

D. Project Administration

1. The Grantee shall promptly submit such progress, performance or other reports concerning the status of work performed on the Project as the State may request. In any event, the Grantee shall provide the State a report showing total final Project expenditures including State and all other moneys expended within one hundred twenty (120) days after completion of Project.
2. The Grantee shall make property and facilities maintained, operated, acquired or developed pursuant to this agreement available for inspection by the State upon request.

Grantee

ATTACHMENT 2

3. The Grantee shall use any moneys advanced by the State under the terms of this agreement solely for the Project herein described.
4. The Grantee may be provided advanced payments for Grants but only for those that are for Planning, Acquisition, and Facility Operation and Maintenance. The Grantee shall place such moneys in a separate interest bearing account, setting up and identifying such account prior to the advance, interest earned on Grant moneys shall be used on the Project or paid to the State. If Grant moneys are advanced and not expended, the unused portion of the Grant (plus interest) shall be returned to the State within one hundred twenty (120) days of completion of the Project or end of the Project performance period, whichever is earlier.

Income, after deduction for reasonable expenses associated with that income, that is earned by the Grantee from a State approved non-recreational use on an acquisition Project, subsequent to taking title by the Grantee, but before use for OHV Recreation, must be used by the Grantee for recreational purposes at the Project.

5. Equipment must be used solely for OHV related purposes unless the Applicant is funding the portion of the purchase price not dedicated to OHV purposes

E. Project Termination

1. The Grantee may unilaterally rescind this agreement at any time prior to the commencement of the Project. After Project commencement this agreement may be rescinded, modified or amended by mutual agreement in writing.
2. Failure by the Grantee to comply with the terms of this agreement or any other agreement under the Act may be cause for suspension of all obligations of the State hereunder.
3. Failure of the Grantee to comply with the terms of this agreement or contract under the enabling legislation may be cause for suspension of all obligations of the State hereunder. However, such failure shall not be cause for the suspension of all obligations of the State hereunder if in the judgment of the State such failure was due to no fault and beyond the control of the Grantee to prevent, mitigate, or remedy.
4. Because the benefit to be derived by the State, from the full compliance by the Grantee with the terms of agreement, is the, operation, development, preservation, protection and net increase in the quantity and quality of public outdoor recreation facilities available to the people of the State of California and because such benefit exceeds to an immeasurable and unascertainable extent the amount of money furnished by the State by way of Grant moneys under the terms of this agreement, the Grantee agrees that payment by the Grantee to the State of an amount equal to the amount of the Grant moneys disbursed under this agreement by the State would be inadequate compensation to the State for any breach by the Grantee of this agreement. The Grantee further agrees therefore, that the appropriate remedy in the event of a breach by the Grantee of this agreement shall be the specific performance of this agreement, unless otherwise agreed to by the State. Notwithstanding the foregoing, in the event of a breach of this agreement, or any portion thereof, which is due to no fault and beyond the control of the Grantee to prevent, mitigate, or remedy, the State's sole remedy shall be the reimbursement of any funds advanced or paid that pertain to the breached term or terms of this agreement.

F. Hold Harmless

1. Grantee hereby waives all claims and recourse against the State including the right to contribution of loss of damage to persons or property arising from, growing out of or in any way connected with or incident to this agreement except claims arising from the concurrent or sole negligence of State, its officers, agents and employees.
2. The Grantee shall protect indemnify, hold harmless and defend State, its officers, agents and employees against any and all claims, demands, damages, costs, expenses or liability costs arising out of the acquisition, development, construction, operation or maintenance of the property described as the Project which claims, demands or causes of action arise

Grantee

ATTACHMENT 2

under Government code Section 895.2 or otherwise except for liability arising out of, and attributable to, the concurrent or sole negligence of State, its officers, or employees.

3. In the event State is named as codefendant under the provisions of Government Code Section 895 et seq., the Grantee shall notify the State of such fact and shall represent State in the legal action unless State undertakes to represent itself as codefendant in such legal action in which event the State shall bear its own litigation costs, expenses, and attorney's fees.
4. In the event of judgment against the State and the Grantee because of the concurrent negligence of the State and the Grantee, their officers, agents, or employees, an apportionment of liability to pay such judgment shall be made by a court of competent jurisdiction. Neither party shall request, and each party hereby waives its right to, a jury apportionment.

G. Financial Records

1. The Grantee shall retain all financial accounts, documents, and records for three (3) years from the expiration date of the Project agreement, or three (3) years from the start of an audit engagement, whichever comes first, and until an audit started during the three (3) years has been completed and a report published.
2. During regular office hours each of the parties hereto and their duly authorized representatives shall have the right to inspect and make copies of any books, records or reports of the other party pertaining to this agreement or matters related thereto.

H. Use of Facilities

1. The property acquired or developed with Grant moneys under this agreement shall be used by the Grantee only for the purpose for which the State Grant moneys were requested and no other use of the area shall be permitted except by specific act of the Legislature.
2. The Grantee shall without cost to State, except as may be otherwise provided in this or any other Grant agreement, operate and maintain the property acquired or developed pursuant to this agreement in the manner of and according to the provisions of this agreement, the Off-Highway Motor Vehicle Recreation Act and any related regulations, or any other provision of law which may be applicable to such operation and maintenance.
3. Use of the facilities shall comply with all applicable laws, including, but not limited to, the requirements for registration of all day use-vehicles with the Department of Motor Vehicles or identified under the Chapple-Z'berg Off-Highway Motor Vehicle Law of 1993.

I. Nondiscrimination

1. The Grantee shall not discriminate against any person on the basis of sex, race, color, national origin, religion, ancestry, or physical handicap in the use of any property or facility acquired or developed pursuant to this agreement.
2. The Grantee shall not discriminate against any person on the basis of residence except to the extent that reasonable differences in admission or other fees may be maintained on the basis of residence and pursuant to law.
3. All facilities shall be open to members of the public generally, except as noted under the special provisions of this Project agreement.

J. Application Incorporation

1. The Application and any subsequent change or addition approved by the State is hereby incorporated in this agreement as though set forth in full in this agreement.

Grantee

ATTACHMENT 2

K. Severability

1. If a provision of this agreement or the Application thereof is held invalid, that invalidity shall not affect other provisions or applications of the agreement which can be given effect without the invalid provision or Application, and to this end the provisions of this agreement are severable.

L. Governing Law

1. This agreement shall be construed in accordance with and be governed by the laws of the State of California. Any legal action arising out of the terms of this agreement shall take place in the county wherein the Project funded by this agreement is located. If the Project is located in or among two or more counties, any legal action shall be taken in the county wherein the largest land area of the Project is located.

Grantee

Exhibit C

1 (1) All Consultants or Contractors. The District will require any consultant or contractor hired to assist
2 with the implementation of the Project on the Property to comply with this MOU.

3 (2) Indemnification. The District will require any and all consultant or contractors to indemnify defend,
4 assume all liability for and hold harmless RCA and its officers, employees, agents and representatives
5 from all actions, claims, suits, penalties, obligations, liabilities, damages to property, environmental
6 claims or injuries to persons, which may be caused by consultant's or contractor's activities pursuant to
7 this MOU or arising out of or in connection with such activities, whether such activities or performance
8 thereof is by consultant or contractor or anyone directly or indirectly employed or under contract with
9 consultant or contractor, and whether such damage or claim shall accrue or be discovered before or after
10 the termination of this MOU. The indemnity and other rights afforded to RCA by this section shall
11 survive the revocation or termination of this MOU until such time that the statute of limitations has run
12 for bringing any said claims.

13 (3) Insurance. The District will require any consultant or contractor entering the PROPERTY on its
14 behalf to obtain insurance of the types and in the amounts described below and satisfactory to the RCA.

15 A. Commercial General Liability Insurance. Any consultant or contractor shall maintain
16 occurrence version commercial general liability insurance or equivalent form with a combined single limit
17 of not less than one million dollars (\$1,000,000) per occurrence. If such insurance contains a general
18 aggregate limit, it shall apply separately to this MOU or be no less than two times the occurrence limit.
19 Such insurance shall:

- 20 1. Include the RCA its officials, officers, employees, agents, and consultants as additional
21 insureds with respect to the use of the Property and shall contain no special limitations on the scope of
22 coverage or the protection afforded to the additional insureds;
- 23 2. Be primary with respect to any insurance or self-insurance programs covering the RCA,
24 its officials, officers, employees, agents and consultants; and
- 25 3. Contain standard separation of insured provisions.

26 B. Workers' Compensation Insurance. The consultant or contractor shall maintain workers'
27 compensation insurance with statutory limits and employers' liability insurance with limits of not less than
28 \$1,000,000 each accident.

29 C. Certificates of Insurance. The consultant or contractor shall, prior to entering the Property,
30 furnish the RCA with properly executed certificates of insurance and, if requested by the RCA, certified
31 copies of endorsements and policies, which clearly evidence all insurance required under this MOU and
32 provide that such insurance shall be not canceled, allowed to expire or be materially reduced in coverage,
33 except on thirty (30) days' prior written notice to the RCA. The RCA shall have the sole discretion to
34 determine whether the certificates and endorsements presented comply with the provisions of this MOU.

35 D. Coverage Maintenance. The consultant or contractor shall replace certificates, policies and
36 endorsements for any insurance expiring prior to the termination of this MOU. Unless otherwise
37 provided for in this MOU, the consultant or contractor shall maintain such insurance from the execution
38 of this MOU until completion of the agreed use of the RCA's property is complete and the Property is
39 fully restored, except as otherwise provided in this MOU.

40 E. Licensed Insurer. The consultant or contractor shall place such insurance with insurers having A.M.
41 Best Company ratings of no less than A:VIII and licensed to do business in California, unless otherwise
42 approved, in writing, by the RCA.

Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613
 For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH # **2012021046**

Project Title: CalMat Site Vegetation Restoration Project

Lead Agency: Riverside County Regional Park and Open-Space District Contact Person: Steve Lech
 Mailing Address: 4600 Crestmore Road Phone: 951-955-4310
 City: Jurupa Valley Zip: 92509 County: Riverside

Project Location: County: Riverside City/Nearest Community: San Jacinto
 Cross Streets: Gilman Springs Road at Jackrabbit Trail Zip Code: 92555

Longitude/Latitude (degrees, minutes and seconds): 33° 53' 33.79" N / 117° 4' 16.89" W Total Acres: 280 ml

Assessor's Parcel No.: 422-220-009 et al Section: 14, 16 Twp.: 3S Range: 2W Base: SBBM

Within 2 Miles: State Hwy #: 79 Waterways: N/A
 Airports: N/A Railways: N/A Schools: N/A

Document Type:

CEQA: NOP Draft EIR NEPA: NOI Other: Joint Document
 Early Cons Supplement/Subsequent EIR EA Final Document
 Neg Dec (Prior SCH No.) Draft EIS Other:
 Mit Neg Dec Other: FONSI

Local Action Type:

General Plan Update Specific Plan Rezone Annexation
 General Plan Amendment Master Plan Prezone Redevelopment
 General Plan Element Planned Unit Development Use Permit Coastal Permit
 Community Plan Site Plan Land Division (Subdivision, etc.) Other: Site restoration

Development Type:

Residential: Units _____ Acres _____
 Office: Sq.ft. _____ Acres _____ Employees _____
 Commercial: Sq.ft. _____ Acres _____ Employees _____
 Industrial: Sq.ft. _____ Acres _____ Employees _____
 Educational: _____
 Recreational: _____
 Water Facilities: Type _____ MGD _____
 Transportation: Type _____
 Mining: Mineral _____
 Power: Type _____ MW
 Waste Treatment: Type _____ MGD
 Hazardous Waste: Type _____
 Other: Site restoration - no development

Project Issues Discussed in Document:

Aesthetic/Visual Fiscal Recreation/Parks Vegetation
 Agricultural Land Flood Plain/Flooding Schools/Universities Water Quality
 Air Quality Forest Land/Fire Hazard Septic Systems Water Supply/Groundwater
 Archeological/Historical Geologic/Seismic Sewer Capacity Wetland/Riparian
 Biological Resources Minerals Soil Erosion/Compaction/Grading Growth Inducement
 Coastal Zone Noise Solid Waste Land Use
 Drainage/Absorption Population/Housing Balance Toxic/Hazardous Cumulative Effects
 Economic/Jobs Public Services/Facilities Traffic/Circulation Other:

Present Land Use/Zoning/General Plan Designation:

Open Space - Rural Open Space - Recreation

Project Description: (please use a separate page if necessary)

The project will rehabilitate an existing 280-acre open space site that has been used for illegal off-highway vehicle (OHV) riding for several years and has a network of illegal OHV riding trails. The existing compacted trails will be scarified, invasive vegetation will be removed, and the site will be revegetated with native plant materials. The site will be fenced and posted with signs to warn against further illegal activities. No structures are proposed - the project is simply the rehabilitation/revegetation of an open-space property.

State Clearinghouse Contact:

(916) 445-0613

State Review Began: 02-22-2012 MS

SCH COMPLIANCE 03-22-2012

Project Sent to the following State Agencies

<input checked="" type="checkbox"/> Resources	State/Consumer Svcs
<input type="checkbox"/> Boating & Waterways	General Services
<input type="checkbox"/> Coastal Comm	Cal EPA
<input type="checkbox"/> Colorado Rvr Bd	ARB: Airport/Energy Projects
<input type="checkbox"/> Conservation	ARB: Transportation Projects
<input checked="" type="checkbox"/> Fish & Game # <u>6</u>	ARB: Major Industrial Projects
<input type="checkbox"/> Delta Protection Comm	SWRCB: Div. Financial Assist.
<input type="checkbox"/> Cal Fire	SWRCB: Wtr Quality
<input type="checkbox"/> Historic Preservation	SWRCB: Wtr Rights
<input checked="" type="checkbox"/> Parks & Rec	<input checked="" type="checkbox"/> Reg. WQCB # <u>8</u>
<input type="checkbox"/> Central Valley Flood Prot.	Toxic Sub Ctrl-CTC
<input type="checkbox"/> Bay Cons & Dev Comm.	Yth/Adlt Corrections
<input checked="" type="checkbox"/> DWR	Corrections
<input type="checkbox"/> Cal EMA	
<input type="checkbox"/> Resources, Recycling and Recovery	
<input type="checkbox"/> Bus Transp Hous	Independent Comm
<input type="checkbox"/> Aeronautics	Energy Commission
<input checked="" type="checkbox"/> CHP	<input checked="" type="checkbox"/> NAHC
<input checked="" type="checkbox"/> Caltrans # <u>9</u>	Public Utilities Comm
<input type="checkbox"/> Trans Planning	<input checked="" type="checkbox"/> State Lands Comm
<input type="checkbox"/> Housing & Com Dev	Tahoe Rgl Plan Agency
<input type="checkbox"/> Food & Agriculture	
<input type="checkbox"/> Public Health	

Please note State Clearinghouse Number (SCH#) on all Comments

SCH#: **2012021046**

Please forward late comments directly to the Lead Agency

AQMD/APCD BS

(Resources: 02/25)

Conservancy

Other:



EDMUND G. BROWN JR.
GOVERNOR

STATE OF CALIFORNIA
GOVERNOR'S OFFICE *of* PLANNING AND RESEARCH



KEN ALEX
DIRECTOR

March 23, 2012

Steve Lech
Riverside County Regional Park and Open Space District
4600 Crestmore Road
Riverside, CA 92509

Subject: CalMat Site Vegetation Restoration Project
SCH#: 2012021046

Dear Steve Lech:

The State Clearinghouse submitted the above named Mitigated Negative Declaration to selected state agencies for review. On the enclosed Document Details Report please note that the Clearinghouse has listed the state agencies that reviewed your document. The review period closed on March 22, 2012, and the comments from the responding agency (ies) is (are) enclosed. If this comment package is not in order, please notify the State Clearinghouse immediately. Please refer to the project's ten-digit State Clearinghouse number in future correspondence so that we may respond promptly.

Please note that Section 21104(c) of the California Public Resources Code states that:

"A responsible or other public agency shall only make substantive comments regarding those activities involved in a project which are within an area of expertise of the agency or which are required to be carried out or approved by the agency. Those comments shall be supported by specific documentation."

These comments are forwarded for use in preparing your final environmental document. Should you need more information or clarification of the enclosed comments, we recommend that you contact the commenting agency directly.

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 contact the State Clearinghouse at (916) 445-0613 if you have any questions regarding the environmental review process.

Sincerely,

Scott Morgan
Director, State Clearinghouse

Enclosures
cc: Resources Agency

1400 10th Street P.O. Box 3044 Sacramento, California 95812-3044
(916) 445-0613 FAX (916) 323-3018 www.opr.ca.gov

COUNTY OF RIVERSIDE

ENVIRONMENTAL ASSESSMENT FORM: INITIAL STUDY

Environmental Assessment (E.A.) Number: 10021
Project Case Type (s) and Number(s): CalMat Site Vegetation Restoration Project
Lead Agency Name: Riverside County Regional Park and Open-Space District
Address: 4600 Crestmore Road, Jurupa Valley, CA 92509
Contact Person: Steve Lech
Telephone Number: 951-955-4318
Applicant's Name: Riverside County Regional Park and Open-Space District
Applicant's Address: 4600 Crestmore Road, Riverside, CA 92509

I. PROJECT INFORMATION

A. Project Description: The project will rehabilitate an existing 280 acre open-space site that has been used for illegal off-highway vehicle (OHV) riding for several years and has a network of illegal OHV riding trails. Previous to that, a concrete operation existed in the southern portion of the property. The existing compacted trails will be scarified, invasive vegetation will be removed, and the site will be revegetated with native plant materials. The site will be fenced and posted with signs to warn against further illegal activities. The District's Natural Resources Division will monitor the site to ensure compliance. No structures are proposed - this is simply the rehabilitation/revegetation of an open-space property.

B. Type of Project: Site Specific ; Countywide ; Community ; Policy .

C. Total Project Area: Approximately 280 acres.

Residential Acres:	Lots:	Units:	Projected No. of Residents:
Commercial Acres:	Lots:	Sq. Ft. of Bldg. Area:	Est. No. of Employees:
Industrial Acres:	Lots:	Sq. Ft. of Bldg. Area:	Est. No. of Employees:
Other: 279.26 - Open Space			

D. Assessor's Parcel No(s): 422-220-009, 422-220-010, 422-230-006, 422-230-008, 422-230-012, 422-240-001, 422-180-002.

E. Street References: North corner of Gilman Hot Springs Road and Jack Rabbit Trail

F. Section, Township & Range Description or reference/attach a Legal Description:
Portions of Sections 14, 16, 22, and 23, Township 3 South, Range 2 West, S. B. B. M.

G. Brief description of the existing environmental setting of the project site and its surroundings: Site is currently open-space, vacant land consisting of a wash surrounded by hills. Several portions of the site have been used as an illegal OHV riding site for several years and the southernmost portions of the property have been recently used for a concrete facility.

II. APPLICABLE GENERAL PLAN AND ZONING REGULATIONS

A. General Plan Elements/Policies:

1. Land Use: n/a

2. Circulation: n/a

3. **Multipurpose Open Space:** n/a

4. **Safety:** n/a

5. **Noise:** n/a

6. **Housing:** n/a

7. **Air Quality:** n/a

B. General Plan Area Plan(s): Reche Canyon/Badlands

C. Foundation Component(s): n/a

D. Land Use Designation(s): Open Space - Mineral Resources

E. Overlay(s), if any: n/a

F. Policy Area(s), if any: n/a

G. Adjacent and Surrounding:

1. **Area Plan(s):** Reche Canyon/Badlands

2. **Foundation Component(s):** n/a

3. **Land Use Designation(s):** Open Space - Rural and Open Space - Recreation

4. **Overlay(s), if any:** n/a

5. **Policy Area(s), if any:** n/a

H. Adopted Specific Plan Information

1. **Name and Number of Specific Plan, if any:** n/a

2. **Specific Plan Planning Area, and Policies, if any:** n/a

I. Existing Zoning: M-R-A

J. Proposed Zoning, if any: M-R-A

K. Adjacent and Surrounding Zoning: W-2, W-2-1, W-2-10

III. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below (x) would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" or "Less than Significant with Mitigation Incorporated" as indicated by the checklist on the following pages.

- | | | |
|---|---|---|
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Hazards & Hazardous Materials | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Agriculture & Forest Resources | <input checked="" type="checkbox"/> Hydrology / Water Quality | <input type="checkbox"/> Transportation / Traffic |

- | | | |
|--|---|---|
| <input type="checkbox"/> Air Quality | <input type="checkbox"/> Land Use / Planning | <input type="checkbox"/> Utilities / Service Systems |
| <input checked="" type="checkbox"/> Biological Resources | <input type="checkbox"/> Mineral Resources | <input type="checkbox"/> Other: |
| <input type="checkbox"/> Cultural Resources | <input type="checkbox"/> Noise | <input type="checkbox"/> Other: |
| <input type="checkbox"/> Geology / Soils | <input type="checkbox"/> Population / Housing | <input type="checkbox"/> Mandatory Findings of Significance |
| <input type="checkbox"/> Greenhouse Gas Emissions | <input type="checkbox"/> Public Services | |

IV. DETERMINATION

On the basis of this initial evaluation:

A PREVIOUS ENVIRONMENTAL IMPACT REPORT/NEGATIVE DECLARATION WAS NOT PREPARED

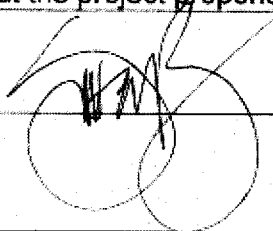
- I find that the proposed project **COULD NOT** have a significant effect on the environment, and a **NEGATIVE DECLARATION** will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project, described in this document, have been made or agreed to by the project proponent. A **MITIGATED NEGATIVE DECLARATION** will be prepared.
- I find that the proposed project **MAY** have a significant effect on the environment, and an **ENVIRONMENTAL IMPACT REPORT** is required.

A PREVIOUS ENVIRONMENTAL IMPACT REPORT/NEGATIVE DECLARATION WAS PREPARED

- I find that although the proposed project could have a significant effect on the environment, **NO NEW ENVIRONMENTAL DOCUMENTATION IS REQUIRED** because (a) all potentially significant effects of the proposed project have been adequately analyzed in an earlier EIR or Negative Declaration pursuant to applicable legal standards, (b) all potentially significant effects of the proposed project have been avoided or mitigated pursuant to that earlier EIR or Negative Declaration, (c) the proposed project will not result in any new significant environmental effects not identified in the earlier EIR or Negative Declaration, (d) the proposed project will not substantially increase the severity of the environmental effects identified in the earlier EIR or Negative Declaration, (e) no considerably different mitigation measures have been identified and (f) no mitigation measures found infeasible have become feasible.
- I find that although all potentially significant effects have been adequately analyzed in an earlier EIR or Negative Declaration pursuant to applicable legal standards, some changes or additions are necessary but none of the conditions described in California Code of Regulations, Section 15162 exist. An **ADDENDUM** to a previously-certified EIR or Negative Declaration has been prepared and will be considered by the approving body or bodies.
- I find that at least one of the conditions described in California Code of Regulations, Section 15162 exist, but I further find that only minor additions or changes are necessary to make the previous EIR adequately apply to the project in the changed situation; therefore a **SUPPLEMENT TO THE ENVIRONMENTAL IMPACT REPORT** is required that need only contain the information necessary to make the previous EIR adequate for the project as revised.
- I find that at least one of the following conditions described in California Code of Regulations, Section 15162, exist and a **SUBSEQUENT ENVIRONMENTAL IMPACT REPORT** is required: (1) Substantial changes are proposed in the project which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; (2) Substantial changes have occurred with respect to the circumstances under which the project is undertaken which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or (3) New information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous EIR was certified as complete or the negative declaration was adopted, shows any the following: (A) The project will have

one or more significant effects not discussed in the previous EIR or negative declaration;(B) Significant effects previously examined will be substantially more severe than shown in the previous EIR or negative declaration;(C) Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measures or alternatives; or,(D) Mitigation measures or alternatives which are considerably different from those analyzed in the previous EIR or negative declaration would substantially reduce one or more significant effects of the project on the environment, but the project proponents decline to adopt the mitigation measures or alternatives.

Signature



Date

2/15/12

Printed Name

Scott Bangle, General Manager

V. ENVIRONMENTAL ISSUES ASSESSMENT

In accordance with the California Environmental Quality Act (CEQA) (Public Resources Code Section 21000-21178.1), this Initial Study has been prepared to analyze the proposed project to determine any potential significant impacts upon the environment that would result from implementation of the project. In accordance with California Code of Regulations, Section 15063, this Initial Study is a preliminary analysis prepared by the Lead Agency, the County of Riverside, in consultation with other jurisdictional agencies, to determine whether a Negative Declaration, Mitigated Negative Declaration, or an Environmental Impact Report is required for the proposed project. The purpose of this Initial Study is to inform the decision-makers, affected agencies, and the public of potential environmental impacts associated with the implementation of the proposed project.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
AESTHETICS Would the project				
1. Scenic Resources				
a) Have a substantial effect upon a scenic highway corridor within which it is located?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings and unique or landmark features; obstruct any prominent scenic vista or view open to the public; or result in the creation of an aesthetically offensive site open to public view?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>Source:</u> Riverside County General Plan Figure C-9 "Scenic Highways"				
<u>Findings of Fact:</u> The project will involve restoring a damaged open-space area with native vegetation. It will improve the aesthetics and scenic resources of the site and the surrounding area. It will remove an aesthetically offensive and illegal OHV site open to public view.				
<u>Mitigation:</u> None required.				
<u>Monitoring:</u> None required.				
2. Mt. Palomar Observatory				
a) Interfere with the nighttime use of the Mt. Palomar Observatory, as protected through Riverside County Ordinance No. 655?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>Source:</u> GIS database, Ord. No. 655 (Regulating Light Pollution)				
<u>Findings of Fact:</u> The project site is outside the limits of the Mt. Palomar Observatory lighting area.				
<u>Mitigation:</u> None required.				
<u>Monitoring:</u> None required.				
3. Other Lighting Issues				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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a) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

b) Expose residential property to unacceptable light levels?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source: On-site Inspection, Project Application Description

Findings of Fact: The proposed project will not involve the addition of any on-site lighting.

Mitigation: None required.

Monitoring: None required.

AGRICULTURE & FOREST RESOURCES Would the project

4. Agriculture

a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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b) Conflict with existing agricultural zoning, agricultural use or with land subject to a Williamson Act contract or land within a Riverside County Agricultural Preserve?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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c) Cause development of non-agricultural uses within 300 feet of agriculturally zoned property (Ordinance No. 625 "Right-to-Farm")?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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d) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source: Riverside County General Plan Figure OS-2 "Agricultural Resources," GIS database, and Project Application Materials.

Findings of Fact: The project site has not been historically used for agricultural purposes, and the proposed project will not convert the site into an urban, suburban, or agricultural use.

Mitigation: None required.

Monitoring: None required

5. Forest

a) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Govt. Code section 51104(g))?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Riverside County General Plan Figure OS-3 "Parks, Forests and Recreation Areas," and Project Application Materials.

Findings of Fact: The proposed project is not within a forest area. It will not result in the conversion of forest land to non-forest uses. In fact, it will maintain and enhance an existing open-space area.

Mitigation: None required.

Monitoring: None required.

AIR QUALITY Would the project

6. Air Quality Impacts

a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Expose sensitive receptors which are located within 1 mile of the project site to project substantial point source emissions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Involve the construction of a sensitive receptor located within one mile of an existing substantial point source emitter?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: SCAQMD CEQA Air Quality Handbook

Findings of Fact: The proposed project will enhance an existing open-space area. It will not conflict with an air quality plan, violate air quality standards, or expose people to reduced air quality. No buildings are proposed, and no objectionable odors should come from the project site. The work that will be done to restore the site will largely be done by hand by fire crews or similar.

Mitigation: None required.

Monitoring: None required.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
BIOLOGICAL RESOURCES Would the project				
7. Wildlife & Vegetation				
a) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Conservation Community Plan, or other approved local, regional, or state conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Have a substantial adverse effect, either directly or through habitat modifications, on any endangered, or threatened species, as listed in Title 14 of the California Code of Regulations (Sections 670.2 or 670.5) or in Title 50, Code of Federal Regulations (Sections 17.11 or 17.12)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U. S. Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U. S. Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: GIS database, WRCMSHCP and/or CVMSHCP, On-site Inspection

Findings of Fact: A general biological reconnaissance and habitat assessment was performed on the site by Tetra Tech, Inc. during November, 2011 (see Attachment A). The biological study was conducted both for assessing impacts by and to the project, and also for assessing the types of plants to be used in revegetating the site. The study found that the majority of the site (approximately 203 acres) is non-native grasslands. Other plant communities include Riversidian Sage Scrub (approximately 13 acres), Coastal Sage Scrub (approximately 13 acres) and Willow Riparian (approximately 51 acres). The proposed project will impact those areas that are determined to be non-native grasslands, through which the illegal riding trails lead.

The biological assessment indicated that there is a high probability of finding San Diego ambrosia on site, as is the possibility of finding the Los Angeles Pocket Mouse and the Burrowing Owl. Additionally, what appeared to be a seasonal pond could, in Tetra Tech's opinion, potentially be a vernal pool. Due to the time of the year that the survey was conducted, Tetra Tech has recommended that a focused study for the San Diego ambrosia and vernal pool be completed during

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Spring, 2012, and focused studies for the Los Angeles Pocket Mouse and Burrowing Owl be completed within 30 days prior to any scarification activities. Because the proposed project is to rehabilitate and revegetate the site, the District will proceed with the current mitigated negative declaration, perform the recommended studies as part of the mitigation program during the Spring, and amend the environmental assessment (if needed) after the appropriate studies are conducted and mitigation has been recommended.

The proposed project will not conflict with adopted conservation plans - in fact, it will become a part of the WRCMSHCP. The District will perform (during the appropriate season) a focused biological assessment for the San Diego ambrosia, the only listed species that may be impacted. Mitigation measures from that focused study will be incorporated into an amendment to this environmental assessment. The proposed project will not hinder wildlife movement, as it will remain a corridor after the project is completed. Riparian areas do exist throughout the project site, and while the proposed project may impact these areas, the impacts are considered to be positive since the project will be restoring a scarred property. The potential for a vernal pool is considered to be low, but it cannot be substantiated without further study. As part of the mitigation program, a focused study will be performed to determine whether the seasonal pond, which appears to have been created as a wash basin by the former concrete operation, is in fact a vernal pool.

Mitigation: The following mitigation measures will be incorporated into the project:

1. Prior to any ground disturbance and during the Spring season, a focused biological study shall be conducted to determine the presence/absence of San Diego ambrosia and the possible vernal pool. Any mitigation measures recommended by that report shall be included in an amendment to this environmental assessment and mitigation monitoring program for the project.
2. Within 30 days prior to any ground disturbing activities, a focused biological study shall be conducted to determine the presence/absence of Burrowing Owls and the Los Angeles Pocket Mouse. Any mitigation measures recommended by that report shall be included in an amendment to this environmental assessment and mitigation monitoring program for the project.

Monitoring: Riverside County Regional Park and Open-Space District Natural Resources Staff

CULTURAL RESOURCES Would the project

8. Historic Resources				
a) Alter or destroy an historic site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Cause a substantial adverse change in the significance of a historical resource as defined in California Code of Regulations, Section 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: On-site Inspection, Project Application Materials

Findings of Fact: No historic sites are present on the project property.

Mitigation: None required.

Monitoring: None required.

9. Archaeological Resources				
a) Alter or destroy an archaeological site.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to California Code of Regulations, Section 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Restrict existing religious or sacred uses within the potential impact area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Project Application Materials

Findings of Fact: The proposed project will remove and revegetate existing illegal off-road vehicle trails and may perhaps result in some very minor resculpting of the terrain. Virtually all of the work to be done under the proposed project will occur within an existing drainage area. There is little if any chance of disturbing archaeological resources.

Mitigation: None required.

Monitoring: None required.

10. Paleontological Resources

a) Directly or indirectly destroy a unique paleontological resource, or site, or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source: Riverside County General Plan Figure OS-8 "Paleontological Sensitivity"

Findings of Fact: According to the General Plan, the project site is within an area of high sensitivity for paleontological resources. No substantial grading is proposed for the project, however. There will be some minor scarification of the terrain (approximately 6 - 12 inches) to return it to its previous state before OHV use. No adverse impacts to paleontological resources are anticipated.

Mitigation: None required.

Monitoring: None required.

GEOLOGY AND SOILS Would the project

11. Alquist-Priolo Earthquake Fault Zone or County Fault Hazard Zones	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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b) Be subject to rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Source: Riverside County General Plan Figure S-2 "Earthquake Fault Study Zones," GIS database, Geologist Comments

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Findings of Fact: The subject parcels lie within a County fault zone and the San Jacinto Fault Zone. However, no structures for human occupancy are planned for the project. The project will consist only in revegetating an area previously disturbed by illegal OHV use.

Mitigation: None required.

Monitoring: None required.

12. Liquefaction Potential Zone

a) Be subject to seismic-related ground failure, including liquefaction?

Source: Riverside County General Plan Figure S-3 "Generalized Liquefaction"

Findings of Fact: The subject parcels lie within an area deemed susceptible to moderate liquifaction. However, no structures for human occupancy are planned for the project. The project will consist only in revegetating an area previously disturbed by illegal OHV use.

Mitigation: None required.

Monitoring: None required.

13. Ground-shaking Zone

a) Be subject to strong seismic ground shaking?

Source: Riverside County General Plan Figure S-4 "Earthquake-Induced Slope Instability Map," and Figures S-13 through S-21 (showing General Ground Shaking Risk)

Findings of Fact: The subject parcels lie within a County fault zone and the San Jacinto Fault Zone. However, no structures for human occupancy are planned for the project. The project will consist only in revegetating an area previously disturbed by illegal OHV use.

Mitigation: None required.

Monitoring: None required.

14. Landslide Risk

a) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, collapse, or rockfall hazards?

Source: On-site Inspection, Riverside County General Plan Figure S-5 "Regions Underlain by Steep Slope"

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Findings of Fact: Portions of the subject parcels appear to be in somewhat unstable areas. However, the project proposes to revegetate areas that have been disturbed by illegal OHV use. No structures are proposed, and the revegetation would serve to strengthen the underlying areas and result in an improvement to potential landslides. Furthermore, because public access to the site will be restricted, there will be less of an opportunity for people to be affected by landslide risk.

Mitigation: None required.

Monitoring: None required.

15. Ground Subsidence

a) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in ground subsidence?

Source: Riverside County General Plan Figure S-7 "Documented Subsidence Areas Map"

Findings of Fact: Portions of the subject parcels appear to be in somewhat unstable areas. However, the project proposes to revegetate areas that have been disturbed by illegal OHV use. No structures are proposed, and the revegetation would serve to strengthen the underlying areas and result in an improvement to potential subsidence. Furthermore, because public access to the site will be restricted, there will be less of an opportunity for people to be affected by ground subsidence

Mitigation: None required.

Monitoring: None required.

16. Other Geologic Hazards

a) Be subject to geologic hazards, such as seiche, mudflow, or volcanic hazard?

Source: On-site Inspection, Project Application Materials

Findings of Fact: The subject parcels are not subject to seiche, mudflow, or volcanic hazards.

Mitigation: None required.

Monitoring: None required.

17. Slopes

a) Change topography or ground surface relief features?

b) Create cut or fill slopes greater than 2:1 or higher than 10 feet?

c) Result in grading that affects or negates subsurface sewage disposal systems?

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Source: Riv. Co. 800-Scale Slope Maps, Project Application Materials

Findings of Fact: As part of the reclamation of the site, minor scarification will occur to break up compacted areas that have been historically used for illegal OHV use. These actions will not substantially alter the topography of the site, but will only be enough to disturb the surface to allow for revegetation. No slopes will be created as part of the grading, and as no buildings are proposed under this project, no subsurface sewage disposal systems will be installed.

Mitigation: None required.

Monitoring: None required.

18. Soils

a) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Be located on expansive soil, as defined in Section 1802.3.2 of the California Building Code (2007), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Have soils incapable of adequately supporting use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: U.S.D.A. Soil Conservation Service Soil Surveys, Project Application Materials, On-site Inspection

Findings of Fact: The project proposes to revegetate and rehabilitate several acres of land that have been damaged due to extensive illegal OHV use. By revegetating the site, more soils will be fixed in place and result in less soil erosion. No buildings are proposed, so expansive soils or soils incapable of sustaining a subsurface sewage disposal system are not relevant to the project.

Mitigation: None required.

Monitoring: None required.

19. Erosion

a) Change deposition, siltation, or erosion that may modify the channel of a river or stream or the bed of a lake?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in any increase in water erosion either on or off site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: U.S.D.A. Soil Conservation Service Soil Surveys

Findings of Fact: Please see #18 above

Mitigation: None required.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Monitoring: None required.

20. Wind Erosion and Blowsand from project either on or off site.

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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a) Be impacted by or result in an increase in wind erosion and blowsand, either on or off site?

Source: Riverside County General Plan Figure S-8 "Wind Erosion Susceptibility Map," Ord. No. 460, Article XV & Ord. No. 484

Findings of Fact: Please see #18 above

Mitigation: None required.

Monitoring: None required.

GREENHOUSE GAS EMISSIONS Would the project

21. Greenhouse Gas Emissions

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source:

Findings of Fact: The habitat restoration project will result in an open area that has been brought back to its original state from an environmental standpoint, and will no longer be used as an off-road vehicle riding area. Although there will be some insignificant greenhouse gas emissions due to the use of power equipment for scarification activities, the project will have a net benefit regarding greenhouse gas emissions since illegal riding of off-road vehicles will no longer occur there.

Mitigation: None required.

Monitoring: None required.

HAZARDS AND HAZARDOUS MATERIALS Would the project

22. Hazards and Hazardous Materials

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
materials into the environment?				
c) Impair implementation of or physically interfere with an adopted emergency response plan or an emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Project Application Materials

Findings of Fact: The proposed project will not involve the storage or transport of hazardous materials, nor will it interfere with any adopted plan regarding hazardous materials.

Mitigation: None required.

Monitoring: None required.

23. Airports

a) Result in an inconsistency with an Airport Master Plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Require review by the Airport Land Use Commission?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) For a project within the vicinity of a private airstrip, or heliport, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Riverside County General Plan Figure S-19 "Airport Locations," GIS database

Findings of Fact: The project site is not located near an existing airport.

Mitigation: None required.

Monitoring: None required.

24. Hazardous Fire Area

a) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

Source: Riverside County General Plan Figure S-11 "Wildfire Susceptibility," GIS database

Findings of Fact: The proposed project will not involve the construction of any building for human habitation, so will not expose people to dangers from fire. Since the proposed project will actually remove an off-road vehicle riding area from a region susceptible to fire danger, the project will have a net benefit to the region.

Mitigation: None required.

Monitoring: None required.

HYDROLOGY AND WATER QUALITY Would the project

25. Water Quality Impacts

a) Substantially alter the existing drainage pattern of the site or area, including the alteration of the course of a stream or river, in a manner that would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Create or contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Place housing within a 100-year flood hazard area, as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Include new or retrofitted stormwater Treatment Control Best Management Practices (BMPs) (e.g. water quality treatment basins, constructed treatment wetlands), the operation of which could result in significant environmental effects (e.g. increased vectors or odors)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Riverside County Flood Control District Flood Hazard Report/Condition.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Findings of Fact: While some minor scarification may be necessary to effect the revegetation, no substantial ground disturbance will be necessary to achieve the proposed project. It is anticipated that the proposed project will positively impact groundwater and runoff due to the reintroduction of native plants and the removal of compacted OHV trails. Because the proposed project will not involve a well, it will not deplete any groundwater source or degrade groundwater quality. Because the site is an existing drainage way and will remain as such, there will be no substantial alteration to that aspect of the site. No buildings are proposed as part of the project, so there will be no adverse effects to people from flooding. Due to the fact that some minor resculpting may occur to the terrain, there is the potential for Stormwater Treatment BMPs to be used. These will be minor in nature, and will not result in significant environmental effects.

Mitigation: None required.

Monitoring: None required.

26. Floodplains

Degree of Suitability in 100-Year Floodplains. As indicated below, the appropriate Degree of Suitability has been checked.

NA - Not Applicable <input checked="" type="checkbox"/>	U - Generally Unsuitable <input type="checkbox"/>	R - Restricted <input type="checkbox"/>	
a) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Changes in absorption rates or the rate and amount of surface runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam (Dam Inundation Area)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Changes in the amount of surface water in any water body?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Riverside County General Plan Figure S-9 "100- and 500-Year Flood Hazard Zones," Figure S-10 "Dam Failure Inundation Zone," Riverside County Flood Control District Flood Hazard Report/Condition, GIS database

Findings of Fact: The proposed project may result in small, insignificant resculpting of the terrain. This would not substantially alter any existing drainage pattern on-site. The existing site is a drainage area, and will continue as one in the future. Because the proposal is to remove illegal OHV trails which have been compacted over the years and replace them with native vegetation, absorption rates on-site may increase due to the fact that existing hardpan is being removed. It is anticipated that there will be less run-off after the project is completed. No structures are planned as part of this project, and the project will not change the amount of surface water in a water body.

Mitigation: None required.

Monitoring: None required.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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LAND USE/PLANNING Would the project

27. Land Use

a) Result in a substantial alteration of the present or planned land use of an area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Affect land use within a city sphere of influence and/or within adjacent city or county boundaries?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Riverside County General Plan, GIS database, Project Application Materials

Findings of Fact: The current use of the site is for open-space, and that will remain, although the site will be rehabilitated. The proposed project will not affect land use within a city sphere of influence.

Mitigation: None required.

Monitoring: None required.

28. Planning

a) Be consistent with the site's existing or proposed zoning?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Be compatible with existing surrounding zoning?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Be compatible with existing and planned surrounding land uses?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Be consistent with the land use designations and policies of the General Plan (including those of any applicable Specific Plan)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Disrupt or divide the physical arrangement of an established community (including a low-income or minority community)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Riverside County General Plan Land Use Element, Staff review, GIS database

Findings of Fact: Current zoning for the site is M-R-A (Mineral Resources and Related Manufacturing), which was consistent with the former use of the property as a concrete plant. The M-R-A zone allows for open-space uses, so the proposed project will be consistent with that, and will be consistent with the existing surrounding zoning which is W-2 (Open-Space). Currently, the General Plan designates the project parcels as OS-MIN, OS-RUR, RC-EDR, all of which allow for open-space uses. Finally, the proposed project will not disrupt or divide a community.

Mitigation: None required.

Monitoring: None required.

MINERAL RESOURCES Would the project

29. Mineral Resources

	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Result in the loss of availability of a known mineral resource that would be of value to the region or the residents of the State?				
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Be an incompatible land use located adjacent to a State classified or designated area or existing surface mine?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Expose people or property to hazards from proposed, existing or abandoned quarries or mines?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Riverside County General Plan Figure OS-5 "Mineral Resources Area"

Findings of Fact: Restoring and revegetating the proposed project area will not result in the loss of availability of a known mineral resource. There are no known surface mines in the area, so the project will not be incompatible with them. Finally, no quarries or mines are proposed as part of this project, so the project will not expose people or property to hazards from them.

Mitigation: None required.

Monitoring: None required.

NOISE Would the project result in

Definitions for Noise Acceptability Ratings

Where indicated below, the appropriate Noise Acceptability Rating(s) has been checked.

NA - Not Applicable

A - Generally Acceptable

B - Conditionally Acceptable

C - Generally Unacceptable

D - Land Use Discouraged

30. Airport Noise

a) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport would the project expose people residing or working in the project area to excessive noise levels?

NA A B C D

b) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

NA A B C D

Source: Riverside County General Plan Figure S-19 "Airport Locations," County of Riverside Airport Facilities Map

Findings of Fact: The proposed project site is not within the vicinity of an airport or airstrip.

Mitigation: None required.

Monitoring: None required.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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31. Railroad Noise

NA A B C D

Source: Riverside County General Plan Figure C-1 "Circulation Plan", GIS database, On-site Inspection

Findings of Fact: The project site is not near an existing railroad.

Mitigation: None required.

Monitoring: None required.

32. Highway Noise

NA A B C D

Source: On-site Inspection, Project Application Materials

Findings of Fact: The project site is along Gilman Springs Road and Jackrabbit Trail, but will not result in any additional noise, nor will it be affected by noise from the roads.

Mitigation: None required.

Monitoring: None required.

33. Other Noise

NA A B C D

Source: Project Application Materials, GIS database

Findings of Fact: The project site will not result in additional ambient noise, and in fact will reduce ambient noise by removing an illegal OHV riding area.

Mitigation: None required.

Monitoring: None required.

34. Noise Effects on or by the Project

a) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

b) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

c) Exposure of persons to or generation of noise levels

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

d) Exposure of persons to or generation of excessive ground-borne vibration or ground-borne noise levels?

Source: Riverside County General Plan, Table N-1 ("Land Use Compatibility for Community Noise Exposure"); Project Application Materials

Findings of Fact: As the end-use of the proposed project is an open-space area, it will not create any additional noise nor will it expose people to excessive noise levels.

Mitigation: None required.

Monitoring: None required.

POPULATION AND HOUSING Would the project

35. Housing	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Create a demand for additional housing, particularly housing affordable to households earning 80% or less of the County's median income?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Affect a County Redevelopment Project Area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Cumulatively exceed official regional or local population projections?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Project Application Materials, GIS database, Riverside County General Plan Housing Element

Findings of Fact: The proposed project will not result in any additional housing within the region, nor will it displace existing housing or create a demand for new housing.

Mitigation: None required.

Monitoring: None required.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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PUBLIC SERVICES Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

36. Fire Services

Source: Riverside County General Plan Safety Element

Findings of Fact: The proposed project will not result in additional need for fire services.

Mitigation: None required.

Monitoring: None required.

37. Sheriff Services

Source: Riverside County General Plan

Findings of Fact: The proposed project will not result in additional need for sheriff services.

Mitigation: None required.

Monitoring: None required.

38. Schools

Source: School District correspondence, GIS database

Findings of Fact: The proposed project will not result in additional need for schools.

Mitigation: None required.

Monitoring: None required.

39. Libraries

Source: Riverside County General Plan

Findings of Fact: The proposed project will not result in additional need for libraries.

Mitigation: None required.

Monitoring: None required.

40. Health Services

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Source: Riverside County General Plan

Findings of Fact: The proposed project will not result in additional need for health services.

Mitigation: None required.

Monitoring: None required.

RECREATION

41. Parks and Recreation

a) Would the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

b) Would the project include the use of existing neighborhood or regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

c) Is the project located within a Community Service Area (CSA) or recreation and park district with a Community Parks and Recreation Plan (Quimby fees)?

Source: GIS database, Ord. No. 460, Section 10.35 (Regulating the Division of Land – Park and Recreation Fees and Dedications), Ord. No. 659 (Establishing Development Impact Fees), Parks & Open Space Department Review

Findings of Fact: The proposed project would not involve the construction or expansion of recreational facilities, nor would it use an existing neighborhood or regional park.

Mitigation: None required.

Monitoring: None required.

42. Recreational Trails

Source: Riv. Co. 800-Scale Equestrian Trail Maps, Open Space and Conservation Map for Western County trail alignments, Circulation Element – Bikeways and Trails, and Area Plan

Findings of Fact: The project site is not along an existing trail.

Mitigation: None required.

Monitoring: None required.

TRANSPORTATION/TRAFFIC Would the project

43. Circulation

a) Conflict with an applicable plan, ordinance or policy establishing a measure of effectiveness for the

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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performance of the circulation system, taking into account all modes of transportation, including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?

b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Alter waterborne, rail or air traffic?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g. farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Cause an effect upon, or a need for new or altered maintenance of roads?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Cause an effect upon circulation during the project's construction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Result in inadequate emergency access or access to nearby uses?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i) Conflict with adopted policies, plans or programs regarding public transit, bikeways or pedestrian facilities, or otherwise substantially decrease the performance or safety of such facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Riverside County General Plan

Findings of Fact: The proposed project will rehabilitate an existing open-space area and continue that use. There will be no effects from the project on existing transportation ways, nor will the project result in a new or increased need for transportation. The proposed project will not result in inadequate emergency access, and it will not conflict with adopted policies regarding transportation.

Mitigation: None required.

Monitoring: None required.

44. Bike Trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source: Riverside County General Plan, Circulation Element – Bikeways and Trails, and Area Plan

Findings of Fact: The proposed project will have no effects on bicycle trails.

Mitigation: None required.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Monitoring: None required.

UTILITY AND SERVICE SYSTEMS Would the project

45. Water

a) Require or result in the construction of new water treatment facilities or expansion of existing facilities, the construction of which would cause significant environmental effects?

b) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?

Source: Department of Environmental Health Review

Findings of Fact: The proposed project will not require additional water supplies nor will it require new water treatment facilities.

Mitigation: None required.

Monitoring: None required.

46. Sewer

a) Require or result in the construction of new wastewater treatment facilities, including septic systems, or expansion of existing facilities, the construction of which would cause significant environmental effects?

b) Result in a determination by the wastewater treatment provider that serves or may service the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

Source: Department of Environmental Health Review

Findings of Fact: The proposed project will not require additional sewer facilities nor will it result in additional sewage which must be treated.

Mitigation: None required.

Monitoring: None required.

47. Solid Waste

a) Is the project served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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b) Does the project comply with federal, state, and local statutes and regulations related to solid wastes including the CIWMP (County Integrated Waste Management Plan)?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source: Riverside County General Plan, Riverside County Waste Management District correspondence

Findings of Fact: The proposed project will not generate solid waste.

Mitigation: None required.

Monitoring: None required.

48. Utilities

Would the project impact the following facilities requiring or resulting in the construction of new facilities or the expansion of existing facilities; the construction of which could cause significant environmental effects?

a) Electricity?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Natural gas?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Communications systems?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Storm water drainage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Street lighting?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Maintenance of public facilities, including roads?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Other governmental services?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source:

Findings of Fact: The proposed open-space project will require no additional utilities.

Mitigation:

Monitoring:

49. Energy Conservation

a) Would the project conflict with any adopted energy conservation plans?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source:

Findings of Fact: The proposed project will not conflict with adopted energy conservation plans.

Mitigation: None required.

Monitoring: None required.

OTHER

50. Other:

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Source: Staff review

Findings of Fact:

Mitigation:

Monitoring:

MANDATORY FINDINGS OF SIGNIFICANCE

51. Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source: Staff review, Project Application Materials

Findings of Fact: Implementation of the proposed project would not substantially degrade the quality of the environment, substantially reduce the habitat of fish or wildlife species, cause a fish or wildlife populations to drop below self-sustaining levels, threaten to eliminate a plant or animal community, or reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory.

52. Does the project have impacts which are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, other current projects and probable future projects)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source: Staff review, Project Application Materials

Findings of Fact: The project does not have impacts which are individually limited, but cumulatively considerable.

53. Does the project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source: Staff review, project application

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Findings of Fact: The proposed project would not result in environmental effects which would cause substantial adverse effects on human beings, either directly or indirectly.

VI. EARLIER ANALYSES

Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration as per California Code of Regulations, Section 15063 (c) (3) (D). In this case, a brief discussion should identify the following:

Earlier Analyses Used, if any: n/a

Location Where Earlier Analyses, if used, are available for review:

Location: Riverside County Regional Park and Open-Space District
 4600 Crestmore Road
 Jurupa Valley, CA 92509

VII. AUTHORITIES CITED

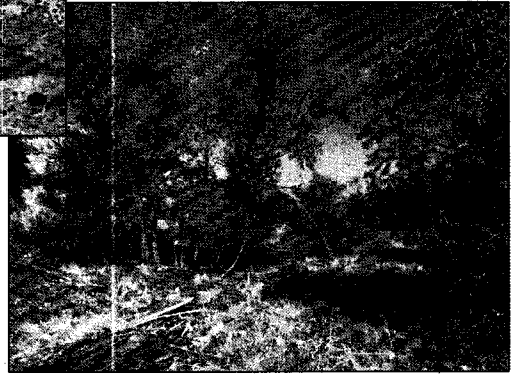
Authorities cited: Public Resources Code Sections 21083 and 21083.05; References: California Government Code Section 65088.4; Public Resources Code Sections 21080(c), 21080.1, 21080.3, 21082.1, 21083, 21083.05, 21083.3, 21093, 21094, 21095 and 21151; *Sundstrom v. County of Mendocino* (1988) 202 Cal.App.3d 296; *Leonoff v. Monterey Board of Supervisors* (1990) 222 Cal.App.3d 1337; *Eureka Citizens for Responsible Govt. v. City of Eureka* (2007) 147 Cal.App.4th 357; *Protect the Historic Amador Waterways v. Amador Water Agency* (2004) 116 Cal.App.4th at 1109; *San Franciscans Upholding the Downtown Plan v. City and County of San Francisco* (2002) 102 Cal.App.4th 656.

Revised: 2/15/2012 10:12 AM
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CalMat Site Vegetation Restoration Project Mitigation Monitoring Program

		Responsible Party -		Level of Significance	
Impacts	Mitigation Measures	Monitoring Party	Implement Stage	After Mitigation	After Mitigation
Project site may contain San Diego Ambrosia and a vernal pool.	Prior to any ground disturbance and during the Spring season, a focused biological study shall be conducted to determine the presence/absence of San Diego ambrosia and the possible vernal pool. Any mitigation measures recommended by that report shall be included in an amendment to this environmental assessment and mitigation monitoring program for the project.	Riverside County Regional Park and Open-Space District	Grading		Impacts determined not to be significant.
Project site may contain Burrowing Owls and Los Angeles Pocket Mouse.	Within 30 days prior to any ground disturbing activities, a focused biological study shall be conducted to determine the presence/absence of Burrowing Owls and the Los Angeles Pocket Mouse. Any mitigation measures recommended by that report shall be included in an amendment to this environmental assessment and mitigation monitoring program for the project.	Riverside County Regional Park and Open-Space District	Grading		Impacts determined not to be significant.

General Biological Reconnaissance and Habitat Assessment, CALMAT Vegetation Restoration Site Riverside County, California



Prepared For:
Mr. Steve Lech
Riverside County Regional Park & Open Space District
4600 Crestmore Road
Riverside, California 92509



Prepared By:
TETRA TECH
301 E. Vanderbilt Way, Suite 450
San Bernardino, California 92408
TC# 100-SBO-T28468

DRAFT

**November
2011**

ATTACHMENT E-2: TITLE PAGE

Date Report Written: 17 November 2011

Field Work Conducted: 31 October and 01 November 2011

Report Title: General Biological Reconnaissance and Habitat Assessment, CALMAT Vegetation Restoration Site, Riverside County, California

Project Site Location: The 279.26 acre site area is located north of Gilman Springs Road north of Olive Avenue. Jackrabbit Trail is found on the eastern side of the site. The closed Quail Ranch Golf Course is found on the western side of the site. The site is located in Sections 14, 15, 22, 23, T3S, R2W, SBBM of the El Casco Peak 7.5-minute quadrangle.

Assessor Parcel Numbers: 422-220-009, -010, 422-230-006, -008, -012, 422-240-001, and 422-180-002

Owner/Applicant:

Riverside County Regional Park and Open Space District
4600 Crestmore Road
Riverside, California 92509
Attn: Mr. Steve Lech

Principal Investigator:

Tetra Tech, Inc.
310 East Vanderbilt Way, Suite 450
San Bernardino, California 92507

Report Summary: Despite the predominance of non-native grasslands at the site, there are sensitive plant communities at the site. A determination whether the seasonal pond found at the southern end of the site is a vernal pool based on observations of plants and potential invertebrates such as fairy shrimp should be completed during the appropriate time of the year. Presence of willows and to a minor degree, cottonwoods identifies the unnamed drainage within the site as riparian habitat. As a result, any project activities that require work in the streambed may require Clean Water Act Section 404 and 401 permitting plus a Streambed Alteration Agreement as identified by Section 1600 under the California Department of Fish and Game Code. As the majority of the narrow endemic plants that are required to be evaluated for APN 423-180-002 are predominately associated with vernal pool environments, it is recommended that a focused survey for these plants be completed during the appropriate time of the year if it is determined that the seasonal pond is a vernal pool. San Diego ambrosia has a high potential for being present at APN 423-180-002 as well as the entire site. It is recommended that a focused survey for San Diego ambrosia be conducted during the correct time of the year. The site has high potential to support LAPM. As a result, prior to any earthwork needed during restoration, a focused survey for LAPM should be completed. The site has a moderate potential for occupation by burrowing owl. The predominance of non-native grasslands and ruderal weed found throughout the site prevent owls in burrows from establishing a line-of-site for foraging and protection of the nest. Suitable habitat for occupation by burrowing owls was observed on site. No burrowing owls were observed on the site. No sign of burrowing owl were observed on the site. As the site will undergo potential vegetation restoration, it is recommended that focused surveys for burrowing owl occur 30 days in advance if earthwork, controlled fire or other ground disturbance activity is required.

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San Bernardino, California 92507

(909) 381-1674

Resume: See Appendix D

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GENERAL BIOLOGICAL RECONNAISSANCE AND HABITAT ASSESSMENT
CALMAT VEGETATION RESTORATION SITE
RIVERSIDE COUNTY, CALIFORNIA
DRAFT

APPENDICES

Appendix A	Sensitive Biological Resources
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Appendix D	Resume for Stephanie Pacheco

1.0 INTRODUCTION

Tetra Tech, Inc. was contracted by Riverside County Regional Park and Open Space District (County) to conduct a general biological reconnaissance and habitat assessment for burrowing owl (*Athene cunicularia*), Los Angeles pocket mouse (*Perognathus longimembris brevinasus*) [LAPM], Criteria Area plant species and narrow endemic plant species at a 279.26-acre site, Assessor Parcel Numbers (APN) 422-220-009, -010, 422-230-006, -008, -012, 422-240-001, and 422-180-002 located in an unincorporated area of Riverside County, California (Figure 1). The purpose of the reconnaissance was to conduct a general biological reconnaissance survey for the possible presence of sensitive biological resources and to determine if habitat conditions at the site were suitable for burrowing owl, Los Angeles pocket mouse, Criteria Area and narrow endemic plant species.

2.0 PROJECT LOCATION AND DESCRIPTION

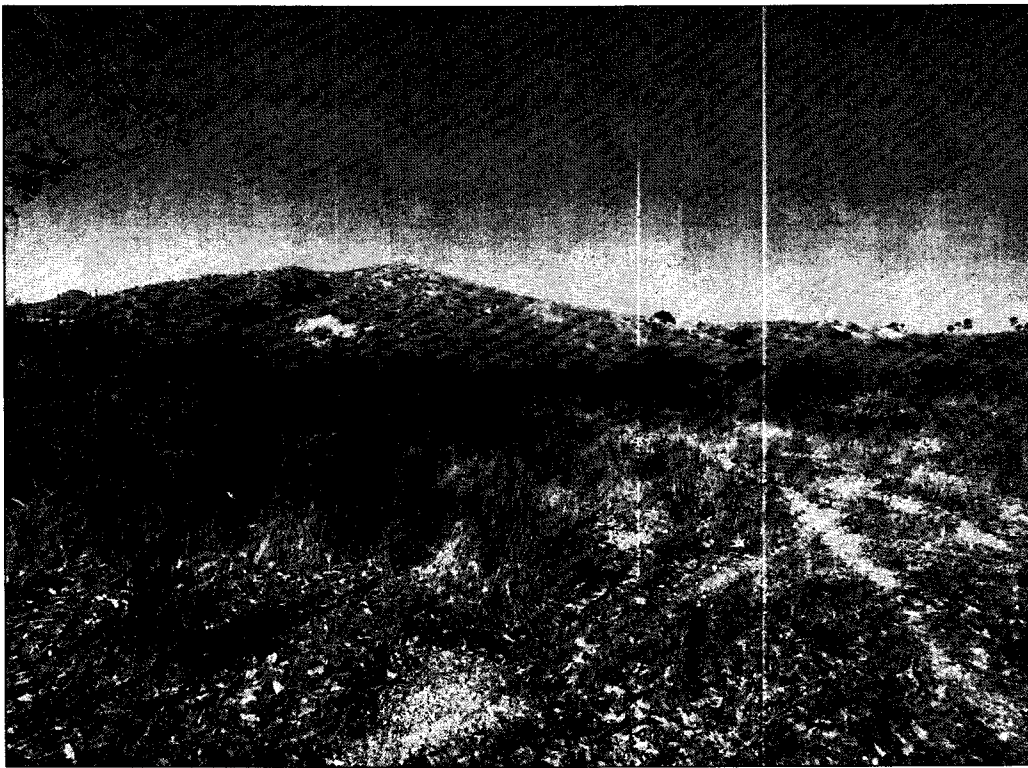
The site area is located north of Gilman Springs Road north of Olive Avenue (Figure 1). Jackrabbit Trail is found on the eastern side of the site. The closed Quail Ranch Golf Course is found on the western side of the site. The site is undeveloped and is used recreational by off-road vehicle riders. Commercial artificial bee hives were observed on site just north of the site access gate adjacent to Gilman Springs Road and Jackrabbit Trail. A series of unnamed drainages bisects the site trending approximately north to south. The site is located in Sections 14, 15, 22, 23, T3S, R2W, SBBM of the El Casco 7.5-minute quadrangle (United States Geological Survey 1979).

3.0 ENVIRONMENTAL SETTING

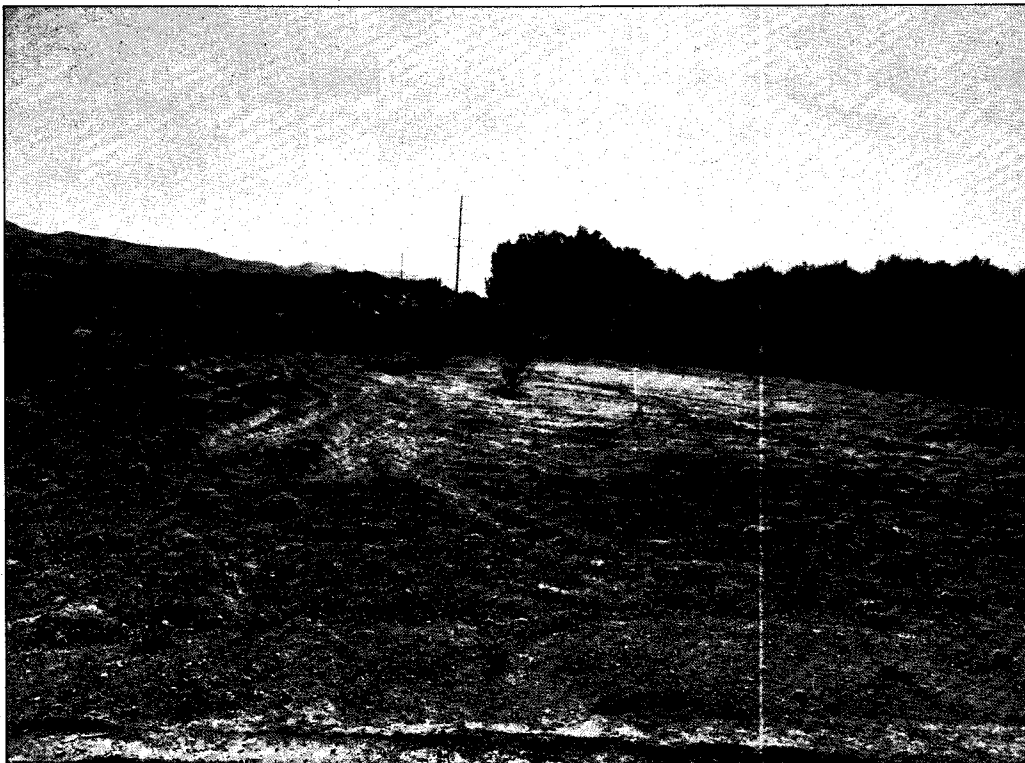
The survey area is undeveloped land that is a mixture of native and non-native plant habitats (Photographs 1 through 10). It is currently being used by off-road vehicle riders. Evidence of off-site visitors using the site for recreational activities is evidenced throughout the site. Plants on-site are dominated ruderal plants that are typically non-native, weedy in nature (Figure 2). Review of the soil survey completed by the Soil Conservation Service in 1971 suggests that the lower portion of the site was likely being used as a gravel pit at the time of the aerial photograph (United States Department of Agriculture 1971). Using Jackrabbit Trail as a landmark in the 1971 soil survey, it appears that the drainage area associated with APN 423-180-002, 422-230-012, and 422-230-008 were used as a gravel pit in the past. The presence of a gravel pit operation in the southern end of the site was confirmed by field observations of abrupt changes to the drainage in APN 422-230-012 where it has been confined to a narrow channel connecting the northern portion of the site to the seasonal pond found on the southern end of the property (Figure 2).

GENERAL BIOLOGICAL RECONNAISSANCE AND HABITAT ASSESSMENT
CALMAT VEGETATION RESTORATION SITE
RIVERSIDE COUNTY, CALIFORNIA
DRAFT

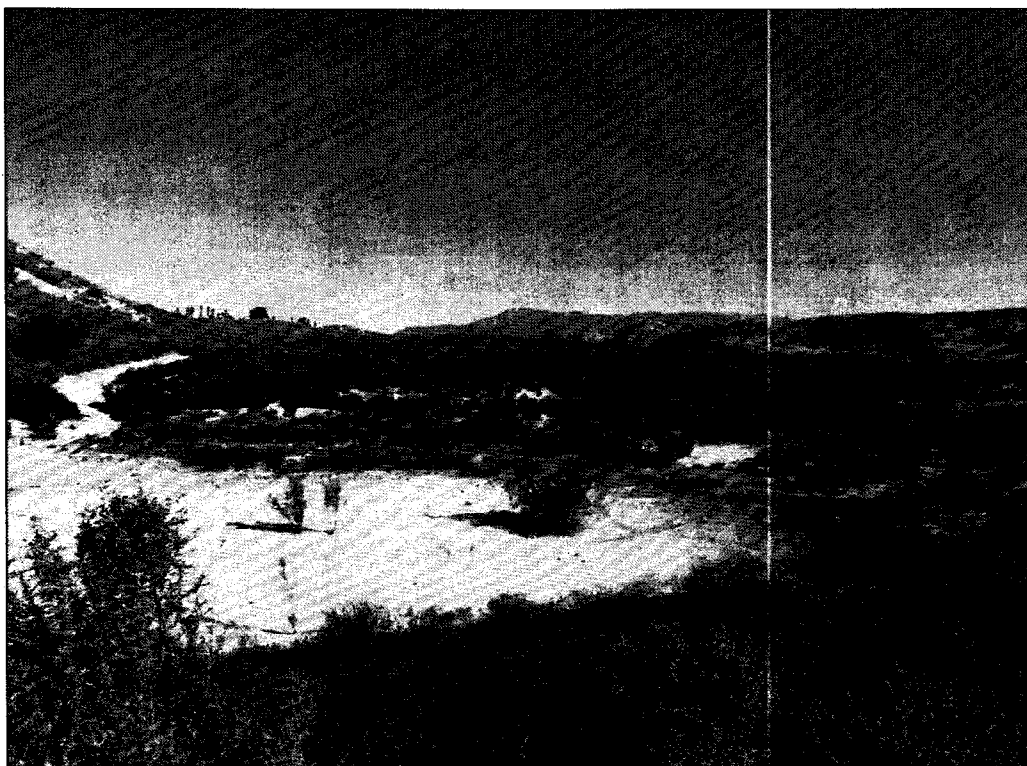
Soils within the unnamed drainages on site have been classified as San Emigdio sandy loam (United States Department of Agriculture 1971). These soils are well drained with a sandy loam texture found on alluvial fans. Soils associated with the hillsides at the site have not been classified. The soil survey has designated these soils as Badlands and identifies this category of soils as consisting of acid igneous alluvium originally deposited in an inland sea.



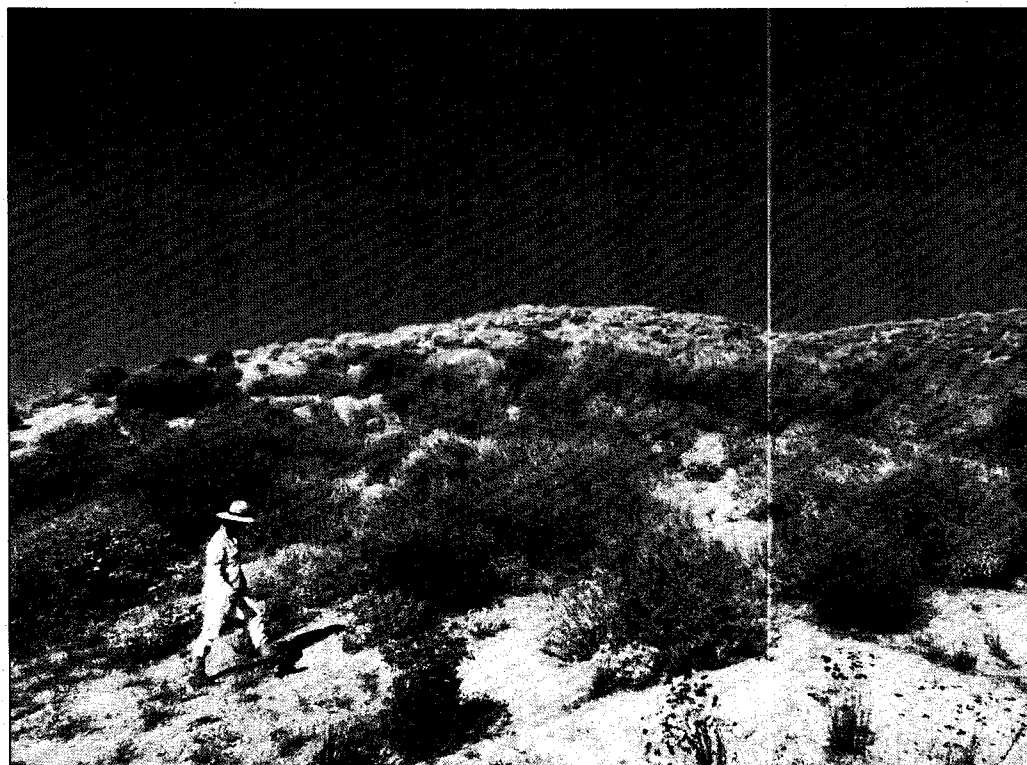
Photograph 1 - View of Atriplex Shrubland/Riversidean Sage Scrub Habitat.
View to the west.



Photograph 2 - View of seasonal pond area. View to the north.



Photograph 3 - View of seasonal pond area and Riversidean Sage Scrub/Non-Native grassland. View to the east.



Photograph 4 - View of Non-Native grasslands found on hillsides of site. View to the west.



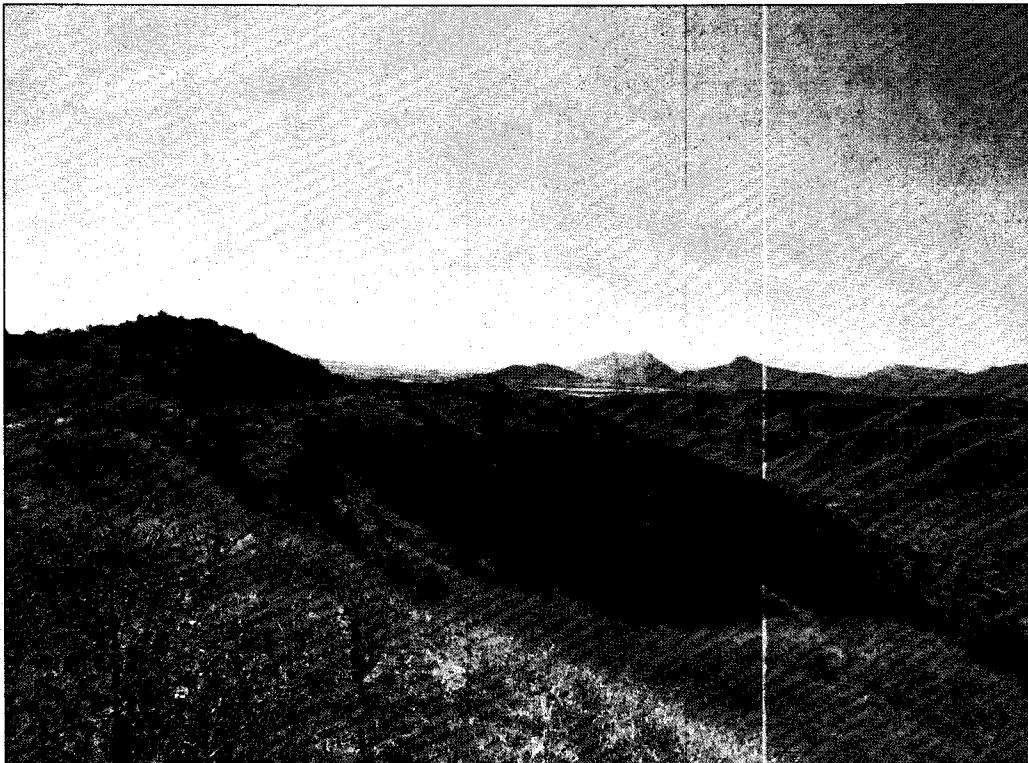
Photograph 5 - View of Willow Riparian/Non-Native grassland habitat.
View to the south.



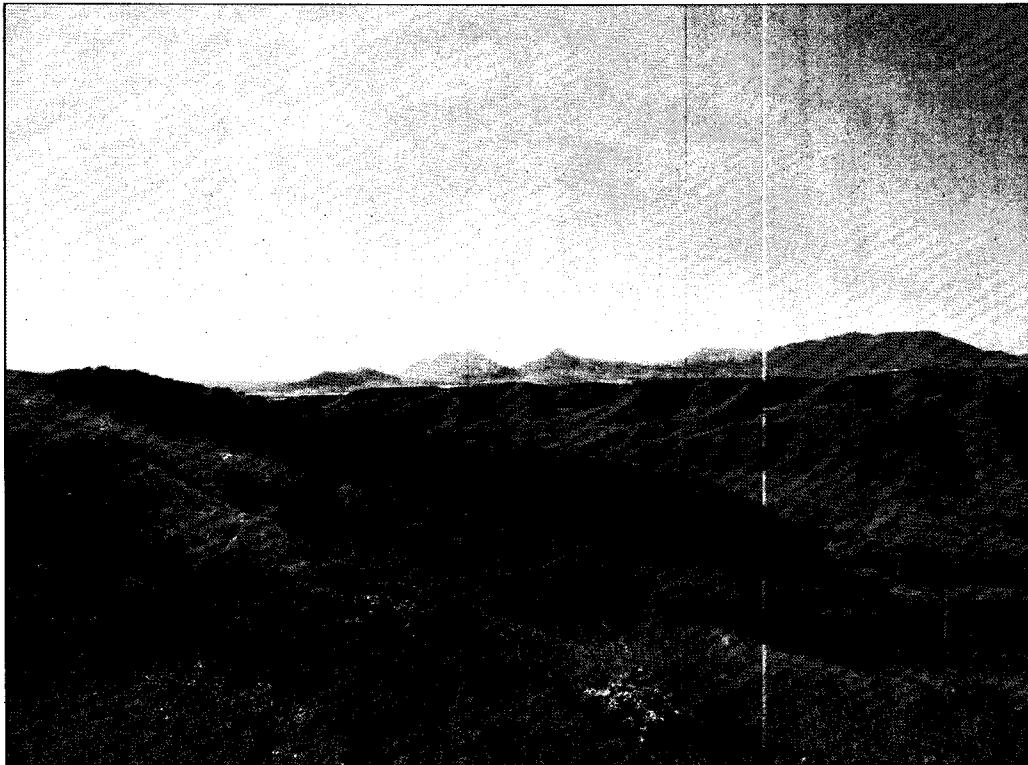
Photograph 6 - View of Willow Riparian/Non-Native grassland habitat.
View to the north.



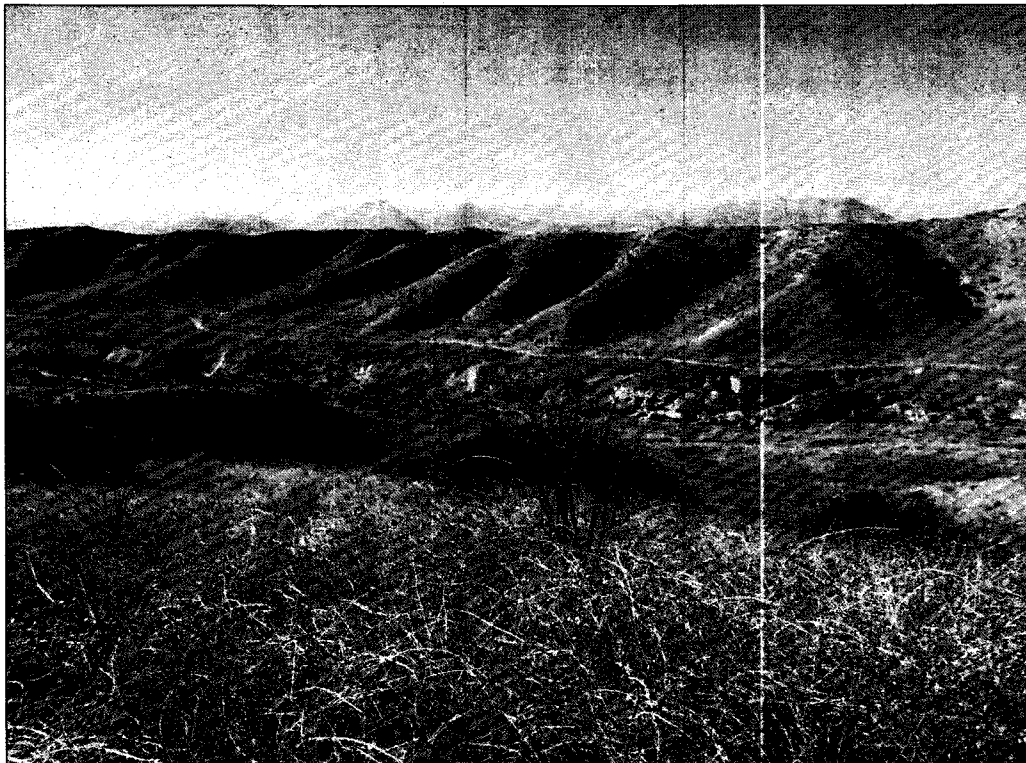
Photograph 7 - View of Coastal Sage Scrub/Scrub Oak habitat.
View to the north.



Photograph 8 - View of Coastal Sage Scrub/Non-Native grassland habitat.
View to the south.



Photograph 9 - View of Coastal Sage Scrub/Non-Native grassland habitat found at northern end of site. View to the southwest.



Photograph 10 - View of Non-Native grassland habitat at northern end of site. View to the west.



0 1,000 2,000 Feet

LEGEND

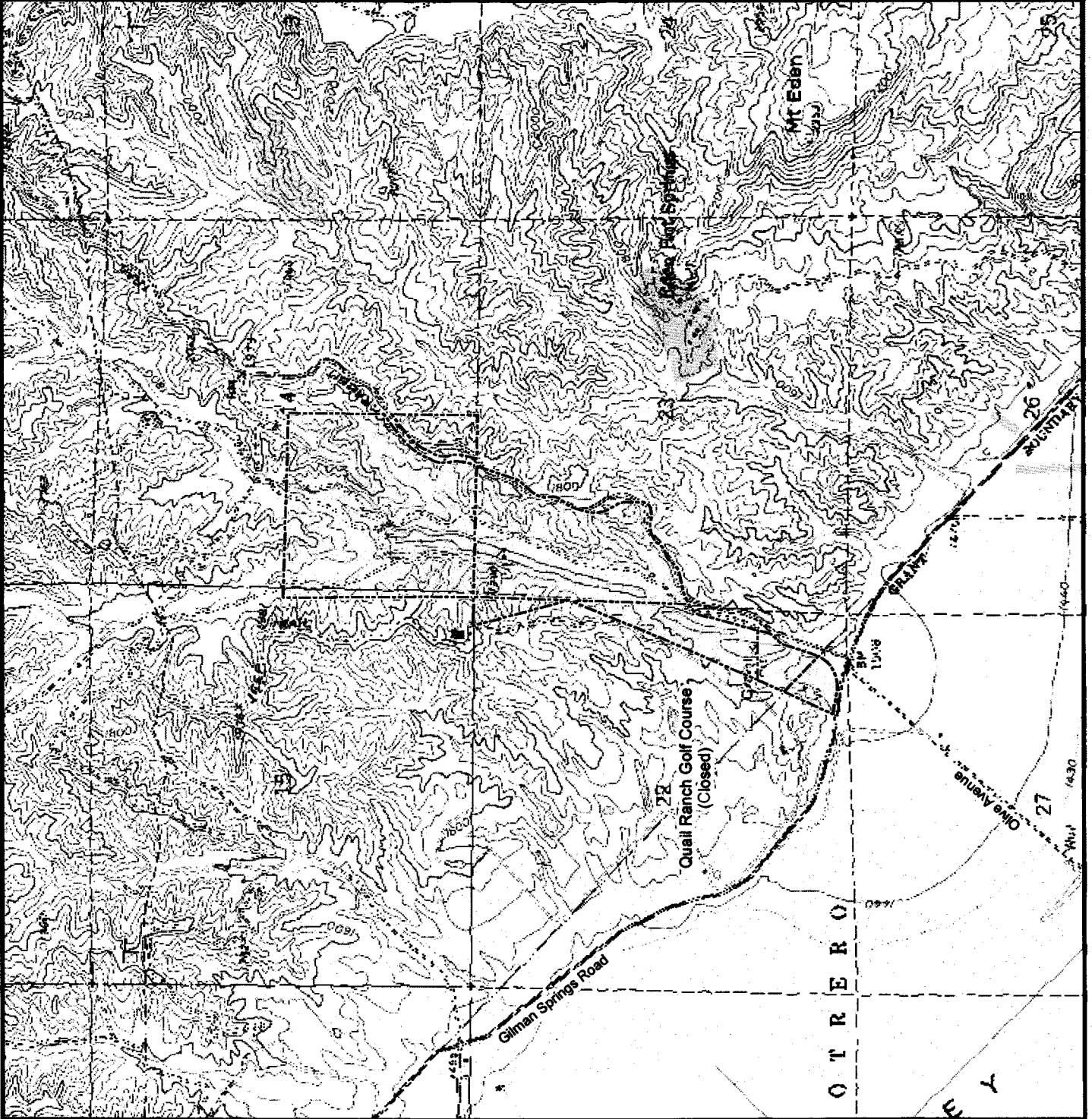


Project Boundary

Source: USGS 7.5' topographic quadrangle,
El Casco, CA, 1979.

APNs 422-220-009, 422-220-010, 422-230-006,
422-230-008, 422-230-012, 422-240-001,
and 423-180-002

Figure 1
Location Map
CALMAT Vegetation
Restoration Site





4.0 BIOLOGICAL RECONNAISSANCE AND HABITAT ASSESSMENT

4.1 METHODS

The available literature on natural resources with reference to plants in and near the survey area were consulted including information from the California Department of Fish and Game (CDFG) California Natural Diversity Data Base (CNDDDB) and the California Native Plant Society (CNPS) (California Department of Fish and Game 2011). In addition to the CNDDDB, the Western Riverside County Multiple Species Conservation Plan (MSHCP) (Riverside County Integrated Project 2003) was reviewed for the subject site. The APNs for the site was used in the query database associated with the database. Habitat assessment requirements are included in the MSHCP database for habitat suitable for burrowing owl and LAPM on the entire site except for APN 422-220-010.

In addition to burrowing owl and LAPM, APN 423-180-002 found at the southern-most end of the site, was identified as requiring an assessment of habitat suitable for the Criteria Area Species plant species San Jacinto Valley crownscale (*Atriplex coronata* var. *notatior*), parish's brittle scale (*Atriplex parishii*), Davidson's salt scale (*Atriplex serenana* var. *davidsonii*), thread-leaved brodiaea (*Brodiaea filifolia*), smooth tar plant (*Centromadia pungens* ssp. *laevis*), round-leaved filaree (*California macrophylla*), Coulter's goldfields (*Lasthenia glabrata* ssp. *coulteri*), little mouse tails (*Myosurus minimus apus*), and mud nama (*Nama stenocarpum*). Habitat assessment for narrow endemic plants was also identified for APN 423-180-002. These narrow endemic plants are Munz's onion (*Allium munzii*), San Diego ambrosia (*Ambrosia pumila*), many-stemmed dudleya (*Dudleya multicaulis*), spreading navarretia (*Navarretia fossalis*), California Orcutt grass (*Orcuttia californica*) and Wright's trichocoronis (*Trichocoronis wrightii* var. *wrightii*).

A detailed biological resources survey was conducted and concluded on 31 October and 01 November 2011. The site was accessible using a combination of truck and pedestrian surveys on existing trails and roads. Binoculars were used for bird observations and vegetation types. In addition to surveying the site and adjacent areas for dominant plant species and natural communities, an evaluation for suitable habitat for burrowing owl, LAPM, Criteria Area Species and narrow endemic plants identified earlier were also conducted.

4.2 RESULTS OF DATABASE SEARCH

Plant and wildlife species classified as rare, threatened, or endangered; proposed for listing as endangered or threatened; or candidate species for listing by federal and/or state resource agencies are considered “sensitive.” In addition, other plants identified as sensitive by the CNPS, and wildlife considered species of concern, special animals, or fully protected in the State of California are also considered “sensitive.” Certain habitat types are also classified as “sensitive” by the CDFG in the CNDDDB. A compendium of Sensitive Biological Resources that have the potential for presence in the survey area and likely occurrence probability for presence in the survey area are found in Appendix A. In addition to species listed in the CNDDDB, Criteria Area Species and narrow endemic plants identified in the MSHCP were also evaluated for their potential to be present based on habitat type.

Based on the habitat present plus current uses of the site, the site has moderate to high potential for a number of sensitive biological resources to be present with an exception of the following. The soils at the site and the seasonal pond found on APN 423-180-002 are predominately sandy in texture and not likely to or have a low potential to support clayey soil-dependent plants such as Munz’s onion, thread-leaved brodiaea, round leaf filaree, many-stemmed dudleya, Coulter’s goldfields, little mouse tails, mud nama, spreading navarretia and Orcutt grass. Despite the presence of plants that indicated saline-affected soils such as wild heliotrope (*Heliotropium curassavicum*) and four-winged salt bush (*Atriplex canescens*), soils associated with a seasonal pond found on APN 423-180-002 do not show evidence of salinity or alkalinity in the form of salt crusts or inflorescences although the soil survey for the site indicates that soils may have a reaction to acid indicating the presence of potential alkaline components. As a result, the seasonal pond area has a low potential for the presence of San Jacinto Valley crownscale, Parish’s brittlescale, and Davidson’s saltscale based on a lack of habitat to support these sensitive plants.

Due to the lack of permanent water, the site has a low potential for tricolor blackbird (*Agelaius tricolor*) and white faced ibis (*Plegadis chihi*) to be present. While some riparian trees are present within the drainages onsite, they not contiguous and the understory is 100 percent dominated by non-native grasses and weeds. As a result, the site has a low potential for southwestern willow flycatchers (*Empidonax traillii extimus*) and least Bell’s vireo (*Vireo bellii pusillus*) to be present.

Project Findings. Based on site conditions, we estimate that the site has a moderate to high potential for a number of sensitive resources including LAPM and burrowing owl as identified in a review of the CNDDDB and MSHCP to be present at the site (Appendix A).

4.3 RESULTS OF FIELD INVESTIGATION

4.3.1 Plant Communities and Wildlife in the Project Area

While the site is dominated by non-native ruderal herbaceous grasslands, some native plant communities still exist. Ruderal describes plants that are typically considered weedy and tend to be non-native and noxious invaders of disturbed lands. While no sensitive plants were observed in the survey area, unnamed drainages at the site contain patches of sensitive riparian habitat composed of red willow (*Salix laevigata*), a minor amount of arroyo willow (*S. lasiolepis*) with the occasional Fremont's cottonwood (*Populus fremontii*). Appendix B provides a comprehensive list of plants observed in the survey area and plant communities noted during the survey are illustrated on Figure 2 and are described as follows. Of the wildlife observed at the site, the orange throated whiptail (*Aspidoscelis hyperythra*) observed in the northern portion of the site is a California Species of Concern. No other sensitive wildlife was observed. Suitable burrows for kangaroo rats were observed in the drainage area.

Non-Native Grasslands. Approximately 72 percent of the habitat at the site is dominated by non-native grasslands. In this type of habitat, the ground layer is dominated by annual grasses and herbs. This series is composed of both non-native and native herbs and grasses. While some native needle grass (*Achnatherum* sp.) was found in the northern portion of the site, the site is dominated by foxtail chess grass (*Bromus madritensis*) and rip gut grass (*B. diandrus*). Blessed thistle (*Cnicus benedictus*), a non-native herb, dominates the drainage found on APN 422-230-008.

Willow Riparian/Non-Native Grasslands. This habitat dominates the unnamed drainage that bisects the site from the north to the south. Approximately 18.1 acres of this type of habitat is present. Red willow is the dominant riparian tree found although the riparian habitat is patchy with little contiguous canopy cover. A few cottonwoods and mulefat (*Baccharis salicifolia*) are found in the drainage as well as non-native Peruvian pepper trees (*Schinus molle*).

Atriplex Shrubland/Riversidean Sage Scrub. Approximately 4.4 percent of the habitat at site is occupied by a chenopod scrub habitat dominated by four-winged saltbush and other plants commonly associated with Riversidean Sage Scrub plant communities. Riversidean Sage Scrub is commonly associated with alluvial land forms. Plants such as white sage (*Salvia apiana*), spiny red leaf (*Rhamnus crocea*) and California buckwheat (*Eriogonum fasciculatum*), commonly associated with this plant community were noted in this area. Four-winged saltbush was concentrated in the area likely occupied by a portion of the gravel pit operation as depicted in the 1971 soil survey of the site.

Coastal Sage Scrub/Non-Native Grasslands. Approximately 3.8 percent of the habitat at the site was composed of a Coastal Sage Scrub/Non-Native Grassland alliance found in the northern portions of the site. Plants associated with Coastal Sage Scrub including white sage, black sage (*Salvia mellifera*), laural sumac (*Malosma laurina*) and California buckwheat were observed with non-native grasslands found in open areas.

Coastal Sage Scrub/Scrub Oak. In approximately 1 percent of the habitat at the site, Coastal Sage Scrub/Scrub Oak habitat was observed at the northern end of the site. The oak trees observed were determined to be interior live oak.

Seasonal Pond. A seasonal pond of 1.1 acres in size is present at the southern end of the site. This pond likely contained water in the spring. Concentric rings of evaporation characterized by plants could be observed. Due to the survey period, the type of plants present within the perimeter of the pond could not be determined. Water flows downstream to this point prior to entering a weir and conduit beneath Gilman Springs Road to flow towards the San Jacinto River. The seasonal pond does not appear to be a vernal pool as it does not appear to lie on either bedrock or a hard clay layer.

Riversidean Sage Scrub/Non-Native Grasslands. A small area of Riversidean Sage Scrub/Non-Native Grasslands was observed at the southern extreme of the site immediately adjacent to Gilman Springs Road. The predominance of deer weed (*Lotus scoparius*) at a uniform height suggests that this may have been planted as part of activity associated with Gilman Springs Road. This represents approximately 0.1 percent of the habitat present at the site.

Project Findings. Despite the predominance of non-native grasslands, there are sensitive plant communities at the site. A determination whether the seasonal pond is a vernal pool based observations of plants and potential invertebrates such as fairy shrimp should be completed during the appropriate time of the year. Future restoration activities may include weed eradication to enhance remaining native plant communities at the site.

4.3.2 Criteria Area Plant Species

The MSHCP has identified habitat adjoining core areas and linkages by which species could be expected to move from one area of conserved habitat to another. These are areas that the MSHCP has assigned criteria for evaluation purposes. An evaluation of potential habitat associated with APN 423-180-002 to support the following sensitive plants is as follows.

San Jacinto Valley crownscale (*Atriplex coronata* var. *notatior*). San Jacinto Valley crownscale is found in chenopod scrub, valley and foothill grassland plant communities. It is also found associated with playa, vernal pools and dry alkaline flats in the San Jacinto River Valley. Soils supporting this plant are alkaline in nature. San Jacinto Valley crownscale blooms from May through August. This plant has been listed as federally endangered and the California Native Plant Society has identified this plant as rare and seriously threatened in California. Potential for the presence at the site based on habitat present is low as the seasonal pond is not likely a vernal pool. None were noted during the survey.

Parish's brittle scale (*Atriplex parishii*). Parish's brittle scale is found in chenopod scrub plant communities and alkaline meadows, alkali flats that are largely vernal and grasslands. This plant blooms from June through October. Parish's brittle scale has been listed as federally endangered and the California Native Plant Society has identified this plant as rare and seriously threatened in California. Potential for the presence at the site based on habitat present is low as the seasonal pond is not likely a vernal pool. None were noted during the survey.

Davidson's salt scale (*Atriplex serenana* var. *davidsonii*). Davidson's salt scale is found in chenopod plant communities, playas, alkaline flats and beach bluffs. Soils that support this plant are saline and alkaline-affected soils. This plant blooms from May to October. Davidson's salt scale has no federal or state listing but the California Native Plant Society has identified this plant as rare and seriously threatened in California. Potential for the presence at the site based on habitat present is low as the seasonal pond is not likely a vernal pool. None were noted during the survey.

Thread-leaved brodiaea (*Brodiaea filifolia*). Thread-leaved brodiaea is found in cismontane woodlands, coastal scrub plus valley and foothill grasslands. It is usually associated with annual grasslands and vernal pools often surrounded by shrub habitats. Soils supporting this plant are clayey in texture. Thread-leaved brodiaea bloom from May through June. This plant has been listed as federally threatened and by the state of California as endangered. The California Native Plant Society has identified this plant as rare and seriously threatened in California. Potential for the presence at the site based on habitat present is unlikely as the seasonal pond is not likely a vernal pool. None were noted during the survey.

Smooth tar plant (*Centromadia pungens* ssp. *laevis*). Smooth tar plant is found in valley foothill grasslands, chenopod scrub meadows, riparian woodlands and playas. This plant blooms from April to

October. Smooth tar plan has no federal or state listing but the California Native Plant Society has identified this plant as rare and seriously threatened in California. Potential for the presence at the site based on habitat present is low as soils at the site were not observed to have salt or alkaline characteristics such as salt crusts or inflorescences. None were noted during the survey.

Round-leaved filaree (*California macrophylla*). Round-leaved filaree is found in cismontane woodlands, valley and foothill grasslands. Soils supporting this plant are clayey in texture and it blooms from March through May. Round-leaved filaree has no federal or state listing but the California Native Plant Society has identified this plant as rare and seriously threatened in California. Potential for the presence at the site based on habitat present is unlikely as the soils at the site are predominately sandy in texture. None were noted during the survey.

Coulter's goldfields (*Lasthenia glabrata* ssp. *coulteri*). Coulter's goldfield is found in valley and foothill grasslands, coastal salt marshes, playas and vernal pools. Coulter's goldfields are found in sinks and grasslands. Soils supporting this plant are alkaline in nature and it blooms in April through May. Coulter's goldfield has no federal or state listing but the California Native Plant Society has identified this plant as rare and seriously threatened in California. Potential for the presence at the site based on habitat present is low as the seasonal pond is not likely a vernal pool. Soils at the site were not observed to have salt or alkaline characteristics such as salt crusts or inflorescences. None were noted during the survey.

Little mouse tails (*Myosurus minimus apus*). Little mouse tail is found in vernal pools and alkaline marshes and blooms April through May. Little mouse tail has no federal or state listing but the California Native Plant Society has identified this plant as needing more information and seriously threatened in California. Potential for the presence at the site based on habitat present is low as the seasonal pond is not likely a vernal pool. Soils at the site were not observed to have salt or alkaline characteristics such as salt crusts or inflorescences. None were noted during the survey.

Mud nama (*Nama stenocarpum*). Mud nama is found in marshes and swamps, on lake shores, river banks and in intermittently wet and muddy places. This plant blooms March through May. Mud nama has no federal or state listing but the California Native Plant Society has identified this plant as rare, threatened or endangered in California but more common elsewhere but fairly threatened in California. Potential for the presence at the site based on habitat present is low as the seasonal pond is not likely a

vernal pool. Soils at the site were not observed to have salt or alkaline characteristics such as salt crusts or inflorescences. None were noted during the survey.

Project Findings. Despite none or low potential for Criteria Area Species to be found in APN 423-180-002, it could not be confirmed if the seasonal pond is a vernal pool due to timing of the survey. As the Criteria Area Species are predominately associated with vernal pool environments, it is recommended that a focused survey for these plants be completed during the appropriate time of the year. It is also recommended that the seasonal pond be evaluated for vernal pool characteristics.

4.3.3 Narrow Endemic Plant Species

The MSHCP requires an evaluation of habitat found in APN 420-180-002 to support narrow endemic plants. Narrow endemic plants are plants that are highly restricted by their habitat affinities, edaphic requirements or other ecological factors. The MSHCP has identified specific conservation measures for these plants. An evaluation of potential habitat associated with APN 423-180-002 to support the following narrow endemic plants is as follows

Munz's onion (*Allium munzii*). This lily is found in grassy openings in coastal sage scrub plant communities. Soils supporting this lily are typically clayey in texture. Munz's onion blooms April through May. This plant has been listed as federally endangered and by the state of California as threatened. The California Native Plant Society has identified this plant as rare and seriously threatened in California. There is no potential for habitat at APN 423-180-002 to support this plant as the soils are sandy in texture. None were observed during the survey.

San Diego ambrosia (*Ambrosia pumila*). San Diego ambrosia is found in chaparral, coastal scrub plus valley and foothill grassland plant communities. Soils supporting this plant are typically sandy loam or clayey in texture. This plant may persist in areas of superficial disturbances and sometimes is found on margins or near vernal pools. San Diego ambrosia blooms June through September. This plant has been listed as federally endangered and the California Native Plant Society has identified this plant as rare and seriously threatened in California. There is suitable habitat at APN 420-180-002 and a high potential for this plant to be present. Sandy textured soils at APN 420-180-002 plus the remainder of the site is suitable for this plant. None were observed during the survey.

Many-stemmed dudleya (*Dudleya multicaulis*). Many-stemmed dudleya is found in chaparral, coastal scrub, and valley and foothill grasslands. Soils supporting this plant are clayey in texture. This plant blooms in May through June. Many-stemmed dudleya has no federal or state listing but the California Native Plant Society has identified this plant as fairly threatened in California. There is a low potential for habitat at APN 423-180-002 to support this plant as the soils are sandy in texture. Plant communities adjacent to the seasonal pond have the potential to support this plant. None were observed during the survey.

Spreading navarretia (*Navarretia fossalis*). Spreading navarretia is found in chenopod scrub, marshes and swamps, vernal pools and playas. This plant has been listed as federally threatened and the California Native Plant Society has identified this plant as rare and seriously threatened in California. There is a low potential for habitat at APN 423-180-002 to support this plant as the seasonal pond is not likely a vernal pool. None were observed during the survey.

California Orcutt grass (*Orcuttia californica*). California Orcutt grass is found associated with vernal pools. This plant blooms May through June. California Orcutt grass has been listed as federally endangered and by the state of California as endangered. The California Native Plant Society has identified this plant as rare and seriously threatened in California. There is a low potential for habitat at APN 423-180-002 to support this plant as the seasonal pond is not likely a vernal pool. None were observed during the survey.

Wright's trichocoronis (*Trichocoronis wrightii* var. *wrightii*). Wright's trichocoronis is found associated with swamps, riparian forests, meadows and seeps. This plant is found associated with vernal pools, mud flats, drying river beds and alkali-affected soils associated with meadows. Wright's trichocoronis blooms May through September. Wright's trichocoronis has no federal or state listing but the California Native Plant Society has identified this plant as rare, threatened or endangered in California but more common elsewhere but seriously threatened in California. There is a moderate potential for the seasonal pond habitat at APN 423-180-002 to support this plant. None were observed during the survey.

Project Findings. Despite none or low potential for the majority of narrow endemic plants associated with APN 423-180-002, it could not be confirmed if the seasonal pond is a vernal pool. As the majority of the narrow endemic plants that are required to be evaluated for APN 423-180-002 are predominately associated with vernal pool environments, it is recommended that a focused survey for these plants be

completed during the appropriate time of the year if it is determined that the seasonal pond is a vernal pool. San Diego ambrosia has a high potential for being present at APN 423-180-002 as well as the entire site. It is recommended that a focused survey for San Diego ambrosia be conducted during the correct time of the year.

4.3.4 Los Angeles Pocket Mouse Habitat Assessment Results

Los Angeles pocket mouse (*Perognathus longimembris brevinasus*). The LAPM is one of two pocket mice found in this area of Riverside County (Williams 1986). Both the LAPM and the northwestern San Diego pocket mouse (*Chaetodipus fallax fallax*) occupy similar habitats, but the northwestern San Diego pocket mouse has a wider range extending south into San Diego County. The habitat of the LAPM described as being confined to lower elevation grasslands and coastal sage scrub habitats, in areas with soils composed of fine sands (Williams 1986). This species prefers habitat similar to that of the Stephens' kangaroo rat (*Dipodomys stephensi*) and San Bernardino kangaroo rat (*Dipodomys merriami parvus*). It occurs in open sandy areas in the valley and foothills of southwestern California (Hall 1981).

Los Angeles pocket mouse, like other subspecies of *Perognathus longimembris*, are granivorous rodents and specialize on grass and scrub seeds, but will take insects when available (French 1999; Meserve 1976). Pocket mice possess external, fur-lined cheek pouches used in collecting and caching of seeds. Seeds are cached for use during the colder months of the year. They spend most of their foraging time in or near bushes, scrubs, rock crevices, or other sources of cover. The LAPM is primarily nocturnal and exhibits a distinct seasonal pattern in surface activity. During colder months the pocket mouse may enter into torpor (dormancy) and not engage in surface activity. This species may enter torpor as early as the end of September; the exact date may depend on the nightly low temperatures, and the availability of food. At some point when surface conditions are very cold and food is scarce, the animal cannot meet its energy needs by foraging and thus must conclude surface activity to survive the winter. Los Angeles pocket mouse must then survive on the food they have cached (Richman and Price 1993). Los Angeles pocket mice emerge in the spring when the surface ground temperatures are higher than the surrounding ground temperature in their burrows (French 1999).

The present known distribution of this species in Riverside and San Bernardino counties extends from the San Gabriel and San Bernardino mountains south to the Temecula and Aguanga areas, and from the east side of the Santa Ana Mountains east to Cabazon (Hall 1981). Both the CNDDDB and the MSHCP

showed a potential occurrence of LAPM within the site, but the actual distribution and population status of this sensitive rodent in the MSHCP planning area is not well understood. While it is widespread in the area, only scattered records exist and most of the records are vague regarding location. The lack of information for the LAPM may reflect several factors. Some biologists believe that this subspecies is in serious decline within western Riverside County because it is seldom trapped and much of its potential habitat has been lost. The Los Angeles pocket mouse is listed as a California Species of Special Concern by the California Department of Fish and Game (Western Riverside County Regional Conservation Authority 2007).

Project Findings. The site has high potential to support LAPM. Kangaroo rat-like burrows were observed on site during the reconnaissance. As a result, prior to any earthwork needed during restoration work at the site, a focused survey for LAPM should be completed to determine presence/absence of this sensitive rodent. Focused survey trapping must be completed by a permitted biologist.

4.3.5 Burrowing Owl Habitat Assessment Results

Burrowing owl (*Athene cunicularia*). The burrowing owl is currently listed as a Species of Special Concern by the CDFG. It is also subject to United States Fish and Wildlife Service regulation under the Migratory Bird Act of 1918. Burrowing owls are ground dwelling birds that are often seen during the day standing erect on the ground or on posts. The burrowing owl is a yearlong resident of open, dry grassland and desert habitat. They are also found as residents in grass, forbs and open shrub stages of pinyon-juniper and ponderosa pine habitats. Often considered diurnal, burrowing owls tend to be entirely nocturnal or at least crepuscular (active at dawn and dusk) and are frequently seen perching in open areas during the early morning and late afternoon at or near the entrance of their burrow or on a nearby low perch. Burrowing owls typically use burrows made by fossorial animals such as California ground squirrels (*Spermophilus beecheyi*) as nesting sites but will also use man-made structures such as cement culverts, deposited debris piles or openings beneath cement or asphalt pavements (California Department of Fish and Game 1995).

Burrowing owls are found in varying population sizes throughout Northern America and spend winters south as far as Central America. Their numbers have been drastically reduced in California in the past 60 years due to conversion of grasslands by agriculture and urbanization as well as due to consuming poison bait set for ground squirrels.

Project Findings. The site has a moderate potential for occupation by burrowing owl. The predominance of non-native grasslands and ruderal weed found throughout the site prevent owls in burrows from establishing a line-of-site for foraging and protection of the nest. Suitable habitat for occupation by burrowing owls was observed on site. No burrowing owls were observed on the site. No sign of burrowing owl were observed on the site. As the site will undergo potential vegetation restoration, it is recommended that focused surveys for burrowing owl occur 30 days in advance if earthwork, controlled fire or other ground disturbance activity is required.

4.3.6 Critical Habitat

The survey area is not within designated critical habitat or proposed designated critical habitat. No designated critical habitat or proposed critical habitat has been identified on or adjacent to the site.

Project Findings. No critical habitat or proposed critical habitat would be impacted by projects proposed at the site. The site is located within the MSHCP and appropriate fees for any loss of habitat as part of restoration activities would be assessed as part of the project implementation process.

4.3.7 Riverine/Riparian and Vernal Pool Habitat

The seasonal pond found in APN 423-180-002 is not likely a vernal pool as the soils in the area are predominately sandy in texture. The seasonal pond does not appear to be a vernal pool as it does not appear to lie on either bedrock or a hard clay layer. Despite this, concentric rings of evaporation characterized by plants could be observed. Due to the survey period, the type of plants present within the perimeter of the pond could not be determined. Water flows downstream to this point prior to entering a weir and conduit beneath Gilman Springs Road to flow towards the San Jacinto River. The seasonal pond does not appear to be a vernal pool as it does not appear to lie on either bedrock or a hard clay layer. The unnamed drainage that bisects the site from the north to south is riverine/riparian habitat. Presence of willows and to a minor degree, cottonwoods identifies this portion of the site as riparian habitat. As a result, any project activities that require work in the streambed may require Clean Water Act Section 404 and 401 permitting plus a Streambed Alteration Agreement as identified by Section 1600 under the California Department of Fish and Game Code.

Project Findings. It is recommended that a survey for vernal pool-dependent plants be conducted at the seasonal pond during the correct time of the year. The seasonal pond should be evaluated for

invertebrates such as fairy shrimp during the spring when filled with water. Presence of willows and to a minor degree, cottonwoods identifies the unnamed drainage within the site as riparian habitat. As a result, any project activities that require work in the streambed may require Clean Water Act Section 404 and 401 permitting plus a Streambed Alteration Agreement as identified by Section 1600 under the California Department of Fish and Game Code.

4.3.8 Urban/Wildlife Interface Guidelines

The MSHCP has designated Criteria Areas within the plan area. Within the Criteria Area, individual cells or cell groupings have been identified and criteria for conservation have been determined. The subject site is located within the Reche Canyon/Badlands Area Plan Cell Group E and Cell Group F where conservation with this cell group will focus on chaparral, coastal sage scrub, grasslands and Riversidean alluvial fan sage scrub. The subject site is also located within the Reche Canyon/Badlands Area Plan Cell Group G where conservation with this cell group will focus on chaparral, coastal sage scrub, riparian scrub, woodland and forest habitat.

Project Findings. The site is located within a designated Reche Canyon/Badlands Area Plan as defined by the MSHCP. As the proposed activity would be to restore the vegetation at the site, no impacts would occur. It is recommended that restoration activities be consistent with the MSHCP.

4.4 CONCLUSIONS AND RECOMMENDATIONS

Despite the predominance of non-native grasslands at the site, there are sensitive plant communities at the site that could be enhanced during restoration. A determination whether the seasonal pond found at the southern end of the site is a vernal pool based on observations of plants and potential invertebrates such as fairy shrimp should be completed during the appropriate time of the year. Presence of willows and to a minor degree, cottonwoods identifies the unnamed drainage within the site as riparian habitat. As a result, any project activities that require work in the streambed may require Clean Water Act Section 404 and 401 permitting plus a Streambed Alteration Agreement as identified by Section 1600 under the California Department of Fish and Game Code. Despite none or low potential for the majority of narrow endemic plants associates with APN 423-180-002, it could not be confirmed if the seasonal pond is a vernal pool. As the majority of the narrow endemic plants that are required to be evaluated for APN 423-180-002 are predominately associated with vernal pool environments, it is recommended that a focused survey for these plants be completed during the appropriate time of the year if it is determined that the seasonal pond is a vernal pool. San Diego ambrosia has a high potential for being present at APN 423-180-002 as well as the entire site. It is recommended that a focused survey for San Diego ambrosia be conducted during

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the correct time of the year. The site has high potential to support LAPM. As a result, prior to any earthwork needed during restoration, a focused survey for LAPM should be completed by an authorized biologist. The site has a moderate potential for occupation by burrowing owl. The predominance of non-native grasslands and ruderal weed found throughout the site prevent owls in burrows from establishing a line-of-site for foraging and protection of the nest. While suitable habitat for occupation by burrowing owls is present, no burrowing owls were observed on the site. No sign of burrowing owl were observed on the site. As the site will undergo potential vegetation restoration, it is recommended that focused surveys for burrowing owl occur 30 days in advance if earthwork, controlled fire or other ground disturbance activity is required. Appendix C details project findings and recommendations as per the Western Riverside MSHCP requirements and Appendix D include the resume of the project biologist.

5.0 CERTIFICATION

“Certification: I hereby certify that the statements furnished above and in the attached exhibits present data and information required for this biological reconnaissance and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.”

DATE: 17 November 2011

SIGNED: 

Report Author

Field Work Performed by: Stephanie Pacheco, Tetra Tech, Inc.
Holly Hanke, Tetra Tech, Inc.
Philip Henderson, Tetra Tech, Inc.

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Appendix A
Sensitive Biological Resources
CALMAT Vegetation Restoration Site

Resource	Habitat and Distribution	Status Designation	Occurrence Probability
Plants			
Munz's onion (<i>Allium munzii</i>)	Chaparral, coastal scrub, cismontane woodland, pinyon juniper woodland, valley and foothill grasslands, heavy clay soils; grows in grasslands and openings within shrubs and woodlands.	Federal: FE State: ST CNPS: 1B.1	None; soils at the site are sandy loam in texture. No suitable habitat present at the site.
San Diego ambrosia (<i>Ambrosia pumila</i>)	Chaparral, coastal scrub, valley and foothill grasslands, sandy loam or clay soils; in valleys; persists where disturbance has been superficial; sometimes on margins or near vernal pools.	Federal: FE State: ND CNPS: 1B.1	High; suitable habitat present in seasonal pond found at southern end of the site. Soils at the site are dominated by sands.
San Jacinto Valley crownscale (<i>Atriplex coronata</i> var. <i>notatior</i>)	Playas, chenopod scrub, valley and foothill grasslands, vernal pools, dry alkaline flats in the San Jacinto River Valley.	Federal: FE State: ND CNPS: 1B.1	Low; soils associated with the seasonal pond showed no evidence of being saline or alkaline in nature although salt-tolerant plants are present.
Parish's brittlescale (<i>Atriplex parishii</i>)	Alkaline meadows, vernal pools, chenopod scrub, playas, drying alkali flats with fine soils.	Federal : ND State: ND CNPS: 1B.2	Low; soils associated with the seasonal pond showed no evidence of being saline or alkaline in nature although salt-tolerant plants are present.
Davidson's saltscale (<i>Atriplex serenana</i> var. <i>davidsonii</i>)	Playas, chenopod scrub, saline and alkaline soils, alkali flats and beach bluffs.	Federal : ND State: ND CNPS: 1B.2	Low; soils associated with the seasonal pond showed no evidence of being saline or alkaline in nature although salt-tolerant plants are present.
Thread-leaved brodiaea (<i>Brodiaea filifolia</i>)	Cismontane woodland, coastal scrub, playas, valley and foothill grassland, vernal pools; usually associated with annual grassland and vernal pools; often surrounded by shrub habitats; clay soils.	Federal: FT State: SE CNPS: 1B.1	None; soils at the site are loamy sand in texture. No suitable habitat present at the site.
Round leaved filaree (<i>California macrophylla</i>)	Cismontane woodland, valley and foothill grassland; clay soils	Federal : ND State: ND CNPS: 1B.1	None; soils at the site are loamy sand in texture. No suitable habitat present at the site.
Plummer's mariposa lily (<i>Calochortus plummerae</i>)	Coastal scrub chaparral, valley and foothill grasslands. Occurs on rocky and sandy sites.	Federal : ND State: ND CNPS: 1B.1	Moderate; the site has potentially suitable habitat for this plant but widespread presence of ruderal weeds likely precludes the presence of this plant at the site.

Appendix A
Sensitive Biological Resources
CALMAT Vegetation Restoration Site

Resource	Habitat and Distribution	Status Designation	Occurrence Probability
Plants (continued)			
Smooth tarplant (<i>Centromadia pungens</i> ssp. <i>laevis</i>)	Valley and foothill grassland, chenopod scrub, meadows, playas, riparian woodlands.	Federal : ND State: ND CNPS: 1B.1	Low; soils associated with the seasonal pond showed no evidence of being saline or alkaline in nature although salt-tolerant plants are present.
Parry's spineflower (<i>Chorizanthe parryi</i> var. <i>parryi</i>)	Coastal sage scrub and chaparral, dry slopes and flats, at the interface of two vegetation types such as chaparral and oak woodlands	Federal: ND State: ND CNPS: 1B.1	Moderate; the site has potentially suitable habitat for this plant. The widespread presence of ruderal weeds potentially precludes the presence of this plant at the site.
Slender-horned spineflower (<i>Dodecahema leptoceras</i>)	Chaparral, coastal sage scrub, alluvial fan sage scrub, flood deposited terraces.	Federal: FE State: SE CNPS: 1B.1	Moderate; the site has potentially suitable habitat for this plant. The widespread presence of ruderal weeds potentially precludes the presence of this plant at the site.
Many-stemmed dudleya (<i>Dudleya multicaulis</i>)	Chaparral, coastal scrub, valley and foothill grassland; in heavy often clayey soils or grassy slopes.	Federal: ND State: ND CNPS: 1B.2	Low; soils associated with seasonal pond primarily sandy in texture.
Coulter's goldfields (<i>Lasthenia glabrata</i> ssp. <i>coulteri</i>)	Coastal salt marsh, playas, valley and foothill grasslands, vernal pools, found on alkaline soils in playas, sinks and grasslands.	Federal: ND State: ND CNPS: 1B.1	Low; soils associated with the seasonal pond showed no evidence of being saline or alkaline in nature although salt-tolerant plants are present.
Little mouse tails (<i>Myosurus minimus</i> <i>apus</i>)	Vernal pools; this subspecies has taxonomic problem possible hybrid, alkaline soils	Federal: ND State: ND CNPS: 3.1	Low; soils associated with the seasonal pond showed no evidence of being saline or alkaline in nature although salt-tolerant plants are present.
Mud nama (<i>Nama stenocarpum</i>)	Marshes and swamps, lake shores, river banks, intermittently wet areas.	Federal: ND State: ND CNPS: 2.2	Low; soils associated with the seasonal pond showed no evidence of being saline or alkaline in nature although salt-tolerant plants are present.
Spreading navarretia (<i>Navarretia fossalis</i>)	Vernal pools, chenopod scrub, marshes and swamps, playas.	Federal: FT State: ND CNPS: 1B.1	Low; soils associated with the seasonal pond showed no evidence of being saline or alkaline in nature although salt-tolerant plants are present.
Orcutt grass (<i>Orcuttia californica</i>)	Vernal pools.	Federal: FE State: SE CNPS: 1B.1	Low; soils associated with seasonal pond primarily sandy in texture.

Appendix A
Sensitive Biological Resources
CALMAT Vegetation Restoration Site

Resource	Habitat and Distribution	Status Designation	Occurrence Probability
Plants (continued)			
San Bernardino aster (<i>Symphytotrichum defoliatum</i>)	Meadows and seeps, marshes and swamps, coastal scrub, cismontane woodlands, vernal mesic grasslands or near ditches, streams and springs, disturbed areas.	Federal: ND State: ND CNPS: 1B.2	Moderate; the site has potentially suitable habitat for this plant. The widespread presence of ruderal weeds potentially precludes the presence of this plant at the site.
Wright's trichocoronis (<i>Trichocoronis wrightii</i> var. <i>wrightii</i>)	Marshes and swamps, riparian forests, meadows and seeps, vernal pools, mudflats of vernal lakes, drying river beds, alkali meadows.	Federal: ND State: ND CNPS: 2.1	Moderate; the site has potentially suitable habitat for this plant. The widespread presence of ruderal weeds potentially precludes the presence of this plant at the site.
Birds			
Cooper's hawk (<i>Accipiter cooperii</i>)	Woodland; chiefly of open, interrupted or marginal type; nests mainly in riparian growths of deciduous trees.	Federal: ND State: ND	High; the site has potential foraging habitat for this raptor.
Tricolored blackbird (<i>Agelaius tricolor</i>)	Highly colonial species requires open water, protected nesting substrate and forage area with insects with a few kilometers of colony.	Federal: ND State: California Species of Concern	Low; no open water is present at the site. The site may serve as foraging habitat for colonies potentially present at open water areas adjacent to the site.
Southern California rufous-crowned sparrow (<i>Aimophila ruficeps canescens</i>)	Resident in sage scrub and sparse mixed chaparral, frequents relatively steep often rocky hillsides with grass and forb patches.	Federal: ND State: ND	High; the site has potential foraging habitat for this bird.
Burrowing owl (<i>Athene cunicularia</i>)	Open, dry annual or perennial grasslands, deserts and scrublands characterized by low-growing vegetation	Federal: ND State: California Species of Concern	Moderate; some open areas associated with the riparian corridor may be suitable habitat for this raptor. The abundant presence of ruderal weeds potentially precludes the presence of this raptor from much of the site.
Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>)	Riparian woodlands in southern California.	Federal: FE State: SE	Low; some open areas associated with the riparian corridor may be suitable habitat for this bird. The abundant presence of ruderal weeds potentially precludes the presence of this bird from much of the site.

Appendix A
Sensitive Biological Resources
CALMAT Vegetation Restoration Site

Resource	Habitat and Distribution	Status Designation	Occurrence Probability
Birds (continued)			
California horned lark (<i>Eremophila alpestris actia</i>)	Coastal regions, short-grass prairie, mountain meadows, fallow grain fields.	Federal: ND State: California Species of Concern	High; suitable habitat of open non-native grassland fields dominate the site.
Loggerhead shrike (<i>Lanius ludovicianus</i>)	Broken woodland, savannah, pinyon-juniper, Joshua tree and riparian woodlands, desert oases.	Federal: ND State: California Species of Concern	None; no suitable habitat is present at the site. Willow riparian habitat may provide suitable habitat but fragmented nature plus dominance of non-native grasslands likely preclude use of the site by this
White-faced ibis (<i>Plegadis chihi</i>)	Shallow fresh-water marsh, dense tule thickets for nesting interspersed with areas of shallow water for foraging.	Federal: ND State: ND	None; no suitable habitat is present at the site.
Least Bell's vireo (<i>Vireo bellii pusillus</i>)	Summer resident of southern California in low riparian in vicinity of water or dry bottoms; nests along margins in bushes or on twigs.	Federal: FE State: SE	Low; some open areas associated with the riparian corridor may be suitable habitat for this raptor. The abundant presence of ruderal weeds potentially precludes the presence of this bird from much of the site.
Amphibians			
Western spadefoot (<i>Spea hammondi</i>)	Occurs primarily in grassland habitats but can be found in valley-foothill hardwood woodlands; vernal pools are essential for breeding and egg laying.	Federal: ND State: California Species of Concern	High; suitable habitat is present at the site. The presence of the seasonal pond at the southern end could serve as opportunity for breeding and egg laying.
Mammals			
Northwestern San Diego pocket mouse (<i>Chaetodipus fallax fallax</i>)	Coastal scrub chaparral, grasslands, sagebrush, sandy, herbaceous areas	Federal: ND State: California Species of Concern	High; suitable habitat for this mammal is found throughout the site.
Stephens' kangaroo rat (<i>Dipodomys stephensi</i>)	Primarily annuals and perennial grasslands but also occurs in coastal scrub and sagebrush with sparse canopy cover.	Federal: FE State: ST	High; suitable habitat is found throughout the site.
San Diego black-tailed jackrabbit (<i>Lepus californicus bennettii</i>)	Intermediate canopy stages of shrub habitat and open shrub/herbaceous and tree/herbaceous edges.	Federal: ND State: California Species of Concern	High; suitable habitat is found throughout the site.

Appendix A
Sensitive Biological Resources
CALMAT Vegetation Restoration Site

Resource	Habitat and Distribution	Status Designation	Occurrence Probability
Mammals (continued)			
Southern grasshopper mouse (<i>Onychomys torridus ramona</i>)	Desert areas, especially scrub habitat with friable soils for digging, prefers low to moderate shrub cover.	Federal: ND State: California Species of Concern	Moderate; some areas of the site not dominated by non-native grassland habitat may be suitable habitat for this mammal.
Los Angeles pocket mouse (<i>Perognathus longimembris brevinasus</i>)	Lower elevation grasslands and coastal sage communities; fine sandy soils.	Federal: ND State: California Species of Concern	High; suitable habitat is found throughout the site.
Reptiles			
Orange throat whiptail (<i>Aspidoscelis hyperythra</i>)	Low elevation coastal scrub, chaparral and valley foothill hardwood habitats, washes and other sandy areas with patches of brush and rocks, major food source is termites	Federal: ND State: California Species of Concern	High; suitable habitat is present at the site. Soils at the site are sandy in texture. Individuals observed during reconnaissance survey.
Coastal whiptail (<i>Aspidoscelis tigris stejnegeri</i>)	Deserts and semiarid areas with sparse vegetation and open areas. Found in woodland and riparian areas, firm, rocky or sandy soils	Federal: ND State: ND	High; suitable habitat is present at the site. Soils at the site are sandy in texture.
Coast (San Diego) horned lizard (<i>Phrynosoma coronatum blainvillii</i>)	Inhabits coastal sage scrub and chaparral in arid and semi-arid climates.	Federal: ND State: California Species of Concern	High; suitable habitat is present at the site. Soils at the site are sandy in texture.
Habitat			
Southern Coast Live Oak Riparian Forest		Federal: ND State: ND	None of this type of habitat is present at the site.
Southern Cottonwood Willow Riparian Forest		Federal: ND State: ND	Portions of the riparian corridor contain willows. Rare (fewer than 10) cottonwoods also present within the riparian corridor.

Appendix A
Sensitive Biological Resources
CALMAT Vegetation Restoration Site

Notes:

ND No Designation
Federal Status:
 C Candidate species
 D Delisted
 FE Federally listed Endangered
 FT Federally listed Threatened
 FPD Federally proposed for Delisting
 PT Proposed Threatened

State Status:

SE State listed Endangered
 ST State listed Threatened
 R Rare
 CSC California Department of Fish and Game
 Species of Concern
 P California Department of Fish and Game
 Protected Species (Fully)

California Native Plant Society (CNPS)

List:

1A Plants presumed extinct in California
 1B.1 Plants rare, threatened, or endangered in California and elsewhere; seriously threatened in California
 1B.2 Plants rare, threatened, or endangered in California and elsewhere; fairly threatened in California
 1B.3 Plants rare, threatened, or endangered in California and elsewhere; not very threatened in California
 2.1 Plants rare, threatened, or endangered in California, but more common elsewhere; seriously threatened in California
 2.2 Plants rare, threatened, or endangered in California, but more common elsewhere; fairly threatened in California
 2.3 Plants rare, threatened, or endangered in California, but more common elsewhere; not very threatened in California
 3.1 Plants about which we need more information; seriously threatened in California
 3.2 Plants about which we need more information; fairly threatened in California
 3.3 Plants about which we need more information; not very threatened in California
 4.1 Plants of limited distribution; seriously threatened in California
 4.2 Plants of limited distribution; fairly threatened in California
 4.3 Plants of limited distribution; not very threatened in California

Sources: a) California Department of Fish and Game, Natural Diversity Data Base, El Casco USGS 7.5' Quadrangle, 24 October 2011; b) Western Riverside Multi-Species Habitat Conservation Plan, Generator Report 07 October 2011.

Appendix B
Flora and Fauna Compendium
CALMAT Vegetation Restoration Site
Riverside County, California

Flora	Flowering Plants
Angiospermae: Monocotyledonae	Monocot Flowering Plants
Lilaceae	Lily Family
<i>Yucca whipplei</i>	Our Lord's candle
Poaceae	Grass Family
<i>Achnatherum</i> sp.	Needlegrass
<i>Bromus diandrus</i>	Rip gut grass*
<i>Bromus madritensis</i>	Fox tail chess*
<i>Hordeum vulgare</i>	Barley*
<i>Sorghum halepense</i>	Johnson grass*
Angiospermae: Dicotyledonae	Dicot Flowering Plants
Anacardiaceae	Sumac Family
<i>Malosma laurina</i>	Laurel sumac
<i>Rhus ovata</i>	Sugar bush
<i>Schinus molle</i>	Peruvian pepper tree*
Apiaceae	Carrot Family
<i>Sanicula</i> sp.	Sanicula
Asteraceae	Sunflower Family
<i>Ambrosia acanthicarpa</i>	Annual bursage
<i>Baccharis salicifolia</i>	Mulefat
<i>Cnicus benedictus</i>	Blessed thistle*
<i>Encelia farinosa</i>	California brittlebush
<i>Ericameria pinifolia</i>	Pinebush
<i>Helianthus annuus</i>	Sunflower
<i>Lepidospartum squamatum</i>	Scale broom
<i>Lessingia filaginifolia</i>	California aster
<i>Matricaria matricarioides</i>	Pineapple weed
Bignoniaceae	Bignonia Family
<i>Chilopsis linearis</i>	Desert willow
Brassicaceae	Mustard Family
<i>Hirschfeldia incana</i>	Short-pod mustard*
<i>Sisymbrium irio</i>	London rocket*
Boraginaceae	Borage Family
<i>Amsinkia menziesii</i> var. <i>intermedia</i>	Common fiddleneck
<i>Heliotropium curassavicum</i>	Wild heliotrope
Cactaceae	Cactus Family
<i>Opuntia acanthocarpa</i>	Buckhorn cholla
Chenopodiaceae	Goosefoot Family
<i>Atriplex canescens</i>	Four-winged salt bush
<i>Salsola tragus</i>	Russian thistle*
Elaeagnaceae	Oleaster Family
<i>Elaeagnus angustifolia</i>	Russian olive*
Euphorbiaceae	Spurge Family
<i>Croton californicus</i>	California croton
Fabaceae	Pea Family
<i>Astragalus</i> sp.	Astragalus
<i>Lotus scoparius</i>	Deer weed
<i>Parkinsonia aculeata</i>	Foothill paloverde

Appendix B
Flora and Fauna Compendium
CALMAT Vegetation Restoration Site
Riverside County, California

Fabaceae (continued)	
<i>Vicia villosa</i>	Hairy vetch*
Fagaceae	Oak Family
<i>Quercus wislizeni</i>	Interior oak tree
Garryaceae	Silk Tassel Family
<i>Garrya elliptica</i>	Silk tassel bush
Geraniaceae	Geranium Family
<i>Erodium cicutarium</i>	Filaree
Hydrophyllaceae	Waterleaf Family
<i>Eremocarpus setigerus</i>	Dove weed
<i>Phacelia</i> sp.	Phacelia
Laminaceae	Mint Family
<i>Marrubium vulgare</i>	Common horehound
<i>Salvia apiana</i>	White sage
<i>Salvia mellifera</i>	Black sage
Polygonaceae	Buckwheat Family
<i>Eriogonum elongatum</i>	Long-stemmed buckwheat
<i>Eriogonum fasciculatum</i>	California buckwheat
Rhamnaceae	Buckthorn Family
<i>Rhamnus crocea</i>	Spiny redleaf
<i>Rhamnus ilicifolia</i>	Holly-leaf redberry
Rosaceae	Rose Family
<i>Adenostoma fasciculatum</i>	California chemise
Salicaceae	Willow Family
<i>Populus fremontii</i>	Fremont's cottonwood
<i>Salix lasiolepis</i>	Arroyo willow
<i>Salix laevigata</i>	Red willow
Solanaceae	Nightshade Family
<i>Datura stramonium</i>	Jimson weed
<i>Nicotiana clevelandii</i>	Cleveland's tobacco
<i>Nicotiana glauca</i>	Tree tobacco
Tamaricaceae	Tamarisk Family
<i>Tamarix ramosissima</i>	Salt cedar*
Fauna	Animals and Birds
<i>Aves</i>	Birds
Accipitridae	Hawks
<i>Buteo jamaicensis</i>	Red tailed hawk
Aegithalidae	Bush Tits and their Allies
<i>Psaltriparus minimus</i>	Bush tits
Caculidae	Cuckoos and their Allies
<i>Geococcyx californianus</i>	Greater roadrunner
Cathartidae	New World Vulture
<i>Cathartes aura</i>	Turkey vulture
Columbidae	Pigeons and Doves
<i>Zenaida macroura</i>	Mourning dove
Corvidae	Jays, Crows and their Allies
<i>Corvis brachyrhynchus</i>	American crow

Appendix B
Flora and Fauna Compendium
CALMAT Vegetation Restoration Site
Riverside County, California

Birds (continued)	
Fringillidae	Finches
<i>Carpodacus mexicanus</i>	House finch
Odontophoridae	New World Quail
<i>Callipepla californica</i>	California quail
Picidae	Woodpeckers and their Allies
<i>Colaptes auratus</i>	Northern flicker
Troglodytidae	Wrens and their Allies
<i>Thryomanes bewickii</i>	Bewick's wren
Tyrannidae	Tyrant flycatchers and their Allies
<i>Sayornis nigricans</i>	Black headed phoebe
Reptilia	Reptiles
Teiidae	Whiptails and their Allies
<i>Aspidoscelis hyperythra</i>	Orange-throated whiptail
Mammalia	Mammals
Canidae	Canines
<i>Canis sp.</i>	Canine
Geomyidae	Pocket gopher
<i>Thomomys bottae</i>	Botta's pocket gopher
Heteromyidae	Kangaroo Rats, Pocket Mice and Relatives
<i>Dipodomys sp.</i>	Kangaroo rat
Leporidae	Rabbits and Hares
<i>Sylvilagus audubonii</i>	Desert cottontail

* Denotes non-native plant

BIOLOGICAL REPORT SUMMARY SHEET

Applicant Name: <u>Riverside County Regional Park and Open Space District</u>
Assessor's Parcel Number(s) (APN): <u>422-220-009, -010, 422-230-006, -008, -012, 422-240-001, and 422-186-002</u>
APN cont.: _____
Site Location: Section: <u>14, 15, 22, 23</u> Township: <u>T3S</u> Range: <u>R2W</u>
Site Address: <u>None</u>
Related Case Number(s): <u>Unknown</u> PDB Number: <u>unknown</u>

Check ITEM(S) Habitat Assessment	Check ITEM(S) * Focused Survey	SPECIES or HABITAT OF CONCERN	(Circle whether a potential for significant impact to species or resource exists **)	
			Yes	No
		Arroyo Southwestern Toad	Yes	No
✓		Drainages/Waters of U.S.	Yes	No
		Coachella Valley Fringed-Toed Lizard	Yes	No
		Coastal California Gnatcatcher	Yes	No
		Coastal Sage Scrub	Yes	No
		Delhi Sands Flower-Loving Fly	Yes	No
		Desert Pupfish	Yes	No
		Desert Slender Salamander	Yes	No
		Desert Tortoise	Yes	No
		Flat-Tailed Horned Lizard	Yes	No
		Least Bell's Vireo	Yes	No
		Oak Woodlands	Yes	No
		Quino Checkerspot Butterfly	Yes	No
		Riverside Fairy Shrimp	Yes	No
		Santa Ana River Woolstar	Yes	No
		San Bernardino Kangaroo Rat	Yes	No
		Slender Horned Spineflower	Yes	No
		Stephens' Kangaroo Rat	Yes	No
✓		Vernal Pools	Yes	No

Check ITEM(S) Habitat Assessment	Check ITEM(S) * Focused Survey	SPECIES or HABITAT OF CONCERN	(Circle whether a potential for significant impact to species or resource exists **)	
			Yes	No
✓		Wetlands	Yes	No
✓		Riparian Habitat	Yes	No
✓		Burrowing Owl See report	Yes	No
		Bighorn Sheep	Yes	No
		Red-legged Frog	Yes	No
✓		Other Narrow endemic plants/Criteria Area Species	Yes	No
✓		Other LA Pocket mouse	Yes	No
		Other	Yes	No
		Other	Yes	No
		Other	Yes	No

* Focused Survey: a) Survey on a listed species performed per USFWS or CDFG protocol by licensed individual (i.e., CaGn, SKR, QCB), OR b) For non-listed spp., survey performed per protocol recognized by USFWS or CDFG, or other applicable agency (i.e., Burrowing Owl), OR c) For jurisdictional waters, wetlands, & riparian areas, following protocol of U.S. Army Corp of Engineers.

** Species of concern are any unique, rare, endangered, or threatened species; species used to delineate wetlands and riparian corridors; and any hosts, perching, or food plants used by any animals listed as rare, endangered, threatened or candidate species by either State or Federal regulations, or those tracked by the California Department of Fish and Game Natural Diversity Data Base (NDDB).

I declare under penalty of perjury that the information provided on this summary sheet is in accordance with the information provided in the biological report.

Stephanie Parker
Signature and Title

17 November 2011

Date Report Prepared

N/A

10(a) Permit Number (if applicable)

10(a) Permit Expiration Date

Attachment E-3 Page 2 of 2

County Use Only

Received by: _____ Date: _____

PD-E# _____ Related Case #:

**LEVEL OF SIGNIFICANCE CHECKLIST
FOR BIOLOGICAL RESOURCES**

APN *: 422-220-009, -010, 422-230-006, -008, -012, 422-240-004 and 422-480-002 Riverside County Case No. *: Unknown EA
Number: _____

Wildlife & Vegetation

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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(Check the level of impact that applies to the following questions)

a) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Conservation Community Plan, or other approved local, regional, or state conservation plan?

No impact

b) Have a substantial adverse effect, either directly or through habitat modifications, on any endangered, or threatened species, as listed in Title 14 of the California Code of Regulations (Sections 670.2 or 670.5) or in Title 50, Code of Federal Regulations (Sections 17.11 or 17.12)?

No impact

c) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U. S. Wildlife Service?

No impact

d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident migratory wildlife corridors, or impede the use of native wildlife nursery sites?

No impact

e) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U. S. Fish and Wildlife Service?

No impact

f) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act or Section 1600 of the California Fish and Game Code (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

No impact

g) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

No impact

h) Create any impact which is individually limited, but cumulatively considerable. "Cumulatively considerable" means that the incremental effects of an individual project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects as defined in Section 15130 (14 Calif. Code of Regs).

No impact

* Required

**LEVEL OF SIGNIFICANCE CHECKLIST
FOR BIOLOGICAL RESOURCES**

Findings of Fact:

The site is dominated by non-native grasslands with some sensitive plant communities. A seasonal pond found on the southern end of the site should be surveyed during the correct time of year to determine if is a vernal pool. Presence of riparian habitat may require permitting for any work within the channels. A focused survey for narrow endemic plants in APN 423-180-002 should be completed during the appropriate time of the year. A focused survey for San Diego ambrosia should be conducted during the correct time of the year. The site has high potential to support LA pocket mouse. As a result, prior to any earthwork needed during restoration, a focused survey for LAPM should be completed. The site has a moderate potential for occupation by burrowing owl. It is recommended that focused surveys for burrowing owl occur 30 days in advance if earthwork, controlled fire or other ground disturbance activity is required.

Proposed Mitigation:

None; the project activity would be to restore/enhance native habitat at the site

Monitoring Recommended:

None Recommended

Prepared By: *Stephanie Padua*

Date: 17 November 2011

<i>County Use Only</i>	
Received by: _____	Date: _____
FD-B# _____	Related Case# _____

STEPHANIE J. PACHECO

Principal Soil Scientist

Tetra Tech, Inc.-San Bernardino

EDUCATION/SPECIAL TRAINING

M.S., Soil Science, University of California, Riverside, 1989

B.S., Environmental Resources in Agriculture, Arizona State University, Tempe, 1985

REGISTRATIONS/CERTIFICATION

Certification, Jurisdictional Delineation of Wetlands, University of California, Berkeley Extension, 1996
40-hour Occupational Safety and Health Administration (OSHA) Hazardous Waste Health and Safety Training, 1991

8-hour Update for OSHA Hazardous Waste Health and Safety Training, Current

8-hour Supervisors' Health and Safety Training, 1998

YEARS OF EXPERIENCE

Years of Relevant Experience: 22 years

Years with Tetra Tech, Inc.: 20 years

QUALIFICATIONS

Ms. Pacheco has served as both a project manager and resource specialists for analysis of project impacts as per the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA). In this capacity, she provided project oversight as well as technical review of the potential environmental impacts from specific project. She has also provided technical support for various environmental impact statements and reports by evaluating potential project impacts to soil resources. In this capacity, she has provided technical analysis of project impacts to the erosion potential from wind and water to soils associated with the project location. These analyses also included the evaluation of project impacts to potential prime farmlands.

RELEVANT EXPERIENCE

Environmental Impact Statements/Environmental Impact Reports/Planning Studies

- **Initial Study for Gas Collection System, Victorville Sanitary Landfill, San Bernardino County.** In support of the installation of a gas collection system to include a flare station for the County of San Bernardino Solid Waste Management System, prepared an Initial Study in compliance with CEQA. Results of analysis allowed for the preparation of a Mitigated Negative Declaration for the Project.
- **Environmental Assessment for the Morongo Valley Uranium Treatment Demonstration Project, Morongo Valley California.** Prepared an Environmental Assessment/Initial Study in support of NEPA and CEQA to support the County of San Bernardino Special Districts Department in analyzing environmental consequences of a proposed treatment system to remove naturally occurring uranium from potential drinking water. This was a demonstration project to determine the feasibility of using this type of system for other drinking water sources containing naturally occurring uranium found in the county.

- **Environmental Assessment for the San Bernardino Regional Emergency Training Center at the San Bernardino Airport, San Bernardino, California.** Prepared an EA to evaluate the potential environmental impacts from a proposed emergency training facility at the San Bernardino Airport. This EA analyzed potential impacts to the environment and included a Department of Transportation Section 4(f) analysis
- **Initial Study/Negative Declaration for Change of Zone and Subdivision, Tentative Parcel Map 36073, Palm Springs, California.** An Initial Study in compliance with California Environmental Quality Act (CEQA) was completed for a Tentative Parcel Map 36073 proposed for rezoning from Energy-Industrial with Wind Energy Overlay to Manufacturing plus a subdivision of the parcel into three parcels.
- **Initial Study/Mitigated Negative Declaration for the Gateway Corporate Center, City of San Jacinto, California.** An Initial Study in compliance with CEQA was prepared for the City of San Jacinto for a commercial development project. The project also included a general plan amendment for rezoning the project site from light manufacturing to commercial.
- **Preliminary Draft Environmental Impact Statement and California Desert Conservation Plan Amendment for the Proposed First Solar Desert Sunlight Solar Farm Project, Riverside County, California.** An analysis consistent with the NEPA and CEQA of project impacts from a proposed photovoltaic solar project is currently being completed. This proposed alternative energy project includes a solar array farm, transmission lines and a substation to tie into existing Southern California Edison lines. As a resource specialist, completed an analysis of project impacts to geologic and soils resources plus hazards, health and safety for a large scale photovoltaic solar project.
- **Environmental Assessment for a Wireless Cellular Site, Bureau of Land Management. Yuha Desert, Imperial County, California.** Primary author and project manager for an EA to evaluate project impacts from a wireless cellular project on environmental resources associated with a Land Management Area located within the Yuha Desert, Imperial County California. Also prepared the Finding of No Significant Impact and Decision Record for use by the Bureau of Land Management. Technical Studies included an analysis of visual impacts from the project using Bureau of Land Management criteria.
- **Initial Study/Mitigated Negative Declaration for the Santa Fe Place Residential Development, City of Hemet, California.** An Initial Study in compliance with CEQA was prepared for the City of Hemet for a medium density multi-family development of a 17-acre parcel located within the city. Results of analysis allowed for the preparation of a Mitigated Negative Declaration for the Project.
- **Environmental Assessment for the Wireless Cellular Site, Bureau of Land Management. Yuha Desert, California.** Primary author and project manager for an Environmental Assessment to evaluate project impacts from a wireless cellular project on environmental resources associated with a Land Management Area located within the Yuha Desert, Imperial County California. Technical Studies included an analysis of visual impacts from the project using Bureau of Land Management criteria. A Finding of No Significant Impact (FONSI) and Decision Record (DR) was also prepared for use by the Bureau of Land Management in support of this project.
- **National Environmental Policy Act (NEPA) Assessments.** Primary author for NEPA site assessments for Verizon Wireless Communication. Ensured that NEPA site assessments were compliant with the National Environmental Policy Act of 1969. NEPA site assessments were performed on sites located in Arizona and Southern California.

- **Initial Study for Rowland Water District, Los Angeles County.** In compliance with CEQA, performed an Initial Study for a potable water pipeline project on behalf of the Rowland Water District. As part of the Initial Study, prepared a Mitigated Negative Declaration for the project.
- **Project Manager for the Santa Margarita River Flood Control Project Environmental Impact Statement and Clean Water Act Section 404 Analysis.** Provided project coordination and technical review for the EIS and Section 404 permit application for a proposed levee, storm water management system, and bridge replacement. Also reviewed previously determined Biological Agreements and Biological Opinions specific to the proposed project area for potential environmental impacts to sensitive riparian habitats as well as threatened and endangered species. The project was proposed to prevent property damage and disruption of essential operations at Marine Corps Base, Camp Pendleton, California.
- **Analysis of Soil Resources for an Environmental Impact Statement (EIS), Gillebrand Soledad Canyon Mining Operation.** Performed an analysis of soils located within the Angeles National Forest for the Gillibrand Soledad Canyon Mining Operation EIS. Site-specific soil parameters were discussed as related to erosion by wind and water and sediment control for soils located on steep mountainsides.
- **Analysis of Soil Resources for an Environmental Impact Report (EIR)/ (EIS), Broadwell Basin Residuals Repository.** Analyzed soil criteria for the location of a hazardous waste facility in the Broadwell Playa in an EIR/EIS prepared for San Bernardino County. Wind and water erosion potentials were assessed, as well as engineering properties of soils associated with a playa environment.
- **Analysis Soil Resources for Project Impacts Associated with the U.S. AFB Closure and Realignment Support Contract EIS Process.** Contract involved planning, organizing, and control of simultaneous environmental activities and their impact to soil resources at various locations throughout the country. Four EISs were prepared in a 9-month period. The EISs addressed the full spectrum of resource area impacts. Work included preparation of program plans, impact methodology documents for the assessment of wind and water erosion, impact statements, and technical supporting reports. Included siting and planning support studies, mission compatibility analyses, and preparation of mitigation planning studies.

Biological Studies/Biological Surveys/Permitting

- **Focused Study for Desert Tortoise (*Gopherus agassizii*), Inactive Lucerne Landfill.** Completed a survey for the potential presence of desert tortoise, a federal and state listed species, around the closed landfill with a focus on an area adjacent to the transfer station proposed as borrow. Negative findings for the presence of desert tortoise within the project area or Zone of Influence were concluded from the survey.
- **Focused Burrowing Owl (*Athene cunicularia*) Survey and Habitat Assessment for Commercial Projects, Riverside County, California.** A number of Phase I and Phase II surveys were conducted for burrowing owl to determine likely habitat to support this raptor at various locations in Riverside County. For areas determined likely to support burrowing owl, Phase III focused surveys were conducted on three additional days were completed. Burrowing owl habitat assessment and surveys were conducted in compliance with the Western Riverside County Multi-species Habitat Conservation Plan.

- **Biological Resources Reconnaissance Survey and Trash Clean-Up Monitoring, Prime Desert Woodland Preserve, Lancaster, California.** This survey was conducted to determine biological resources present in a City of Lancaster preserve. The preserve had acquired an additional parcel of 34 acres of prime Joshua tree (*Yucca brevifolia*) woodland. Pedestrian surveys for plants and wildlife were conducted. In addition to the reconnaissance survey, monitoring of trash removal from the parcel was also provided. An estimated 30 tons of trash and construction debris was removed from the site.
- **Focused Burrowing Owl (*Athene cunicularia*) Survey and Habitat Assessment for 126 Acre Parcel, Edwards Air Force Base, California.** This survey was conducted for burrowing owl to determine population sizes in an area that will be set aside as a conservation area for this raptor. Additional surveys were also conducted of additional areas to determine populations adjacent to the conservation areas.
- **Water Quality Certification and Streambed Alteration Agreement, San Manuel Band of Mission Indians.** In support of a channel improvement project located on non-tribal lands, prepared permits applications for a Streambed Alteration Agreement and a Water Quality Certification for the proposed improvement of Sand Creek Channel. The proposed County of San Bernardino Flood Control project includes lining Sand Creek from Lynwood Avenue to the Patton Detention Basin. Project related activities also include preparation and processing of an Initial Study/Mitigated Negative Declaration for the project. Section 404 Request for Use of Nationwide Permit for this project is being processed by outside council.
- **Individual Permit/Water Quality Certification/Streambed Alteration Agreement, Pacific Communities Builders Development, Victorville, California.** Conducted a jurisdictional delineation of a tributary of the Mojave River, and subsequent 404/401 and 1600 et. seq permitting for a 258 acre development in Victorville, California. Mitigation for loss of jurisdictional waters negotiated with the U.S. Army Corps of Engineers and the Regional Water Quality Control Board-Lahontan District. Mitigation for loss of burrowing owl (*Athene cunicularia*) habitat was negotiated with the California Department of Fish and Game. The Individual Permit required the preparation of an Environmental Assessment (EA) as per the National Environmental Policy Act (NEPA).
- **Use of Nationwide Permits/Water Quality Certification Waiver/Streambed Alteration Agreement for Wind Energy Conversion System (WECS) Project, Palm Springs, California.** Completed permitting applications to satisfy Section 404/401 of the Clean Water Act and 1600 et. seq of the California Department of Fish and Game Code for wind energy projects in the Palm Springs area. Negotiations with U.S. Army Corps of Engineers, Regional Water Quality Control Board-Colorado River Basin Region and the California Department of Fish and Game were completed for this project as well as informal consultation for the listed Coachella milk vetch (*Astragalus lentiginosus* var. *coachellae*).
- **Wetland Delineation of a Portion of Garnet Wash, Palm Springs, California.** Delineated a portion of Garnet Wash for waters subject to regulatory authority. Concurrence from the Corps of Engineers on the conclusion that Garnet Wash is subject to Corps of Engineers jurisdiction with clear connection to the White Water River flood plain plus acreage of jurisdictional waters was received. A technical report was completed to support field findings.
- **Wetland Delineation of Unlined Drainage, Riverside County for March Air Reserve Base.** Delineated an unlined drainage parallel to Cactus Avenue and Heacock Avenue as associated with

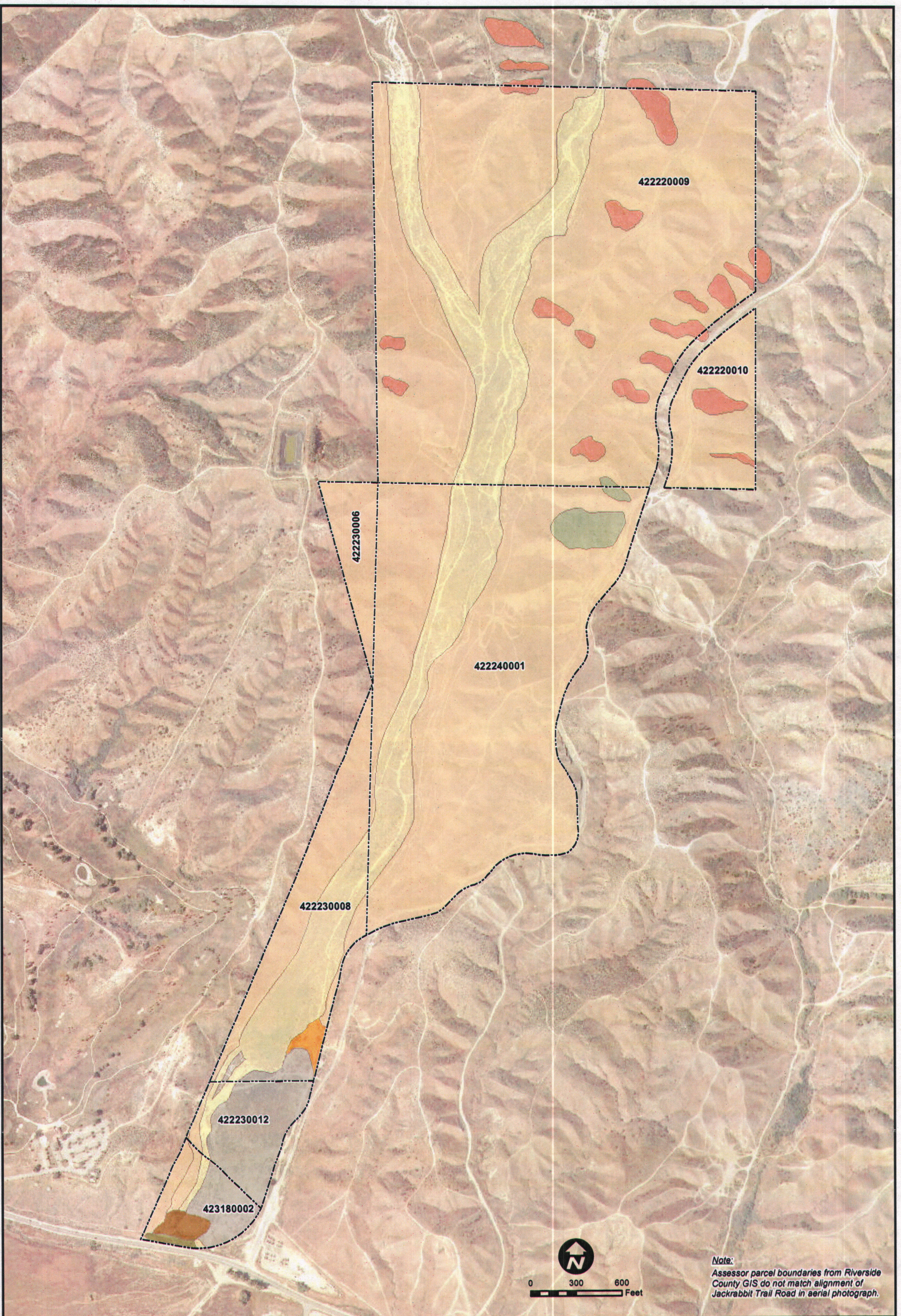
March Air Reserve Base in Riverside County for jurisdictional wetlands and Waters of the United States using U.S. Army Corps of Engineers 1987 criteria. Prepared a technical report with findings of that delineation.

- **Wetland Delineation for Unnamed Drainages, Moreno Valley California for Winchester Associates, Inc.** In support of development projects proposed in Moreno Valley, performed delineations of unnamed drainages for the potential presence of drainages subject to regulatory authority. Based on diagnostic features, determined the presence or absence of jurisdictional drainages. Technical reports were completed to support field findings.
- **Wetland Delineation of Sand Creek, San Bernardino County for the San Manuel Band of Serrano Mission Indians.** Delineated a portion of Sand Creek for three point criteria as per the U.S. Army Corps of Engineers 1987 criteria. Determined those portions of Sand Creek that were jurisdictional wetlands and Waters of the United States. Prepared a technical report with findings of that delineation.
- **Study of Sonoran Pronghorn Antelope on the Barry M. Goldwater Range, Luke AFB, AZ (2004-2005)** - Project Manager, responsible for the management of a study of ecological factors that may influence Sonoran Pronghorn (SPH) Antelope behavior. Tetra Tech reviewed available data and conducted natural resource surveys at the Barry M. Goldwater Range (BMGR). The goal was to collect and evaluate data about the hydrology, soil and vegetation of the BMGR in support of the ecology of the SPH. An evaluation of an existing database that contains sighting locations of SPH was also performed. Based on the study conducted, differences were observed in plants and hydrology between the study areas. Physical properties of soils associated with craters did not enhance the ability of the craters to retain water. Water retention in the craters appeared to be based on location within the landscape. SPH do not occupy portions of the BMGR during different periods of the year. Based on the available information, SPH have been observed on the High Explosive (HE) hills on both NTAC and STAC. Data collected during the field effort in the spring 2005 in conjunction with sighting data collected from 1999 to 2001 suggests that the animals are not preferentially selecting the HE hills over other locations they frequent on the BMGR.
- **Project Manager for Habitat Quality Assessment Surveys, Edwards Air Force Base, California.** Provided project oversight for field surveys of small mammals, large mammals, birds and reptiles for 60 pre-set grids at Edwards Air Force Base. As part of a survey team, performed botanical surveys at habitat grids as part of the HQA program. Data collection at prime habitat grids will be used by EAFB to set goals for re-establishing desert habitat disturbed on base. Habitat Quality Assessment surveys have been completed by Tetra Tech at Edwards AFB in 1993, 2003-2008.
- **Biological Evaluation/Biological Assessment for the Monroe Fuel Break Project, Angeles National Forest, California.** Project Manager for a biological resources database search and reconnaissance level field survey were conducted at the Monroe Fuel Break located in the Angeles National Forest, California for the San Gabriel River Ranger District of the Angeles National Forest. The purpose of the project was to characterize the biological resources in the fuel break area in support of a future prescribed burn.
- **Phase I: Population Study of Desert Cymopterus (*Cymopterus deserticola*) at Edwards Air Force Base, California.** Project manager for a population study of desert cymopterus at two known populations on Edwards AFB. The population study was performed to determine population viability and environmental constraints of this plant. Provided project design and implementation as well as project management for this phase of investigations associated with desert cymopterus

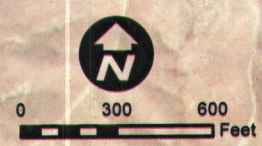
- **Off-Base Survey for Desert Cymopterus (*Cymopterus deserticola*) Populations in Portions of the Western Mojave Desert, California.** Project manager for off-base surveys of desert cymopterus with the western Mojave Desert. Designed and lead the off-base survey teams during the survey. Surveys were performed within a 30-mile distance of Edwards AFB for populations of desert cymopterus.
- **Phase II: Reproductive Study of Desert Cymopterus (*Cymopterus deserticola*) at Edwards Air Force Base.** Project manager for a study of the environmental and biological elements that may contribute to the reproductive success of desert cymopterus at two previously studied sites. Provided project design and implementation as well as project management for this phase of investigations associated with desert cymopterus.
- **Phase III: Pilot Restoration Project, Desert Cymopterus (*Cymopterus deserticola*) at Edwards Air Force Base.** Project manager for a bench scale project designed to determine the best strategy for germinating desert cymopterus seeds. Numerous bench scale tests determined that cool, moist conditions in agar growth media with diurnal light was the best conditions to break dormancy and initiate germination.
- **Biological Monitoring during Drilling Program, Mission Basin, San Luis Rey River, San Diego County, California.** Provided biological monitoring during exploratory drilling program in support of Mission Basin Groundwater Storage and Recovery Feasibility Study. As per negotiated terms in Streambed Alteration Agreement between the San Diego County Water Authority and the California Department of Fish and Game, monitoring ensured that minimal impacts to site specific riparian habitat occurred during a major exploratory drilling program. Monitoring included conducting Tailgate meetings to inform all staff of federal and state listed sensitive species found in the project area as well as determining the least intrusive access to proposed drilling sites. Provided summary reports to the San Diego County Water Authority of monitoring activities.

PROFESSIONAL ORGANIZATIONS/ASSOCIATIONS

Soil Science Society of America, American Society of Agronomy



Note:
 Assessor parcel boundaries from Riverside County GIS do not match alignment of Jackrabbit Trail Road in aerial photograph.



Legend

Assessor Parcel Boundary

HABITAT TYPE

Bare (0.9 Acres)

Atriplex Shrubland/Riversidian Sage Scrub (12.3 Acres)

Coastal Sage Scrub/Non-Native Grassland (10.7 Acres)

Coastal Sage Scrub/Scrub Oak (2.7 Acres)

Non-Native Grassland (202.4 Acres)

Riversidian Sage Scrub/Non-Native Grassland (0.4 Acres)

Seasonal Pond (4.4 Acres)

Willow Riparian/Non-Native Grassland (50.8 Acres)

APNs 422-220-009, 422-220-010, 422-230-006, 422-230-008, 422-230-012, 422-240-001, and 423-180-002

Figure 2
Habitat Map
CALMAT Vegetation
Restoration Site

