

Subject **Fwd: River Rally 2019 Program Announced!**

From Rose Corona <rose.corona@teamrcd.org>

To Manager <manager@teamrcd.org>

2019-01-23 07:52



----- Original Message -----

Subject: River Rally 2019 Program Announced!

Date: 2019-01-22 03:45

From: Nicole Silk, River Network <riverrally@rivernetwork.org>

To: <rose.corona@teamrcd.org>

River Rally 2019 (June 21-24 in Cleveland, OH) is now open for registration. See the program and sign up at early-bird rates.

View this email in your browser [[1](#)]

[[2](#)]

Rally Registration is Now Open!

VIEW THE PROGRAM [[3](#)]

GET EARLY-BIRD RATES [[4](#)]

Dear Friends and Colleagues,

River Rally 2019 takes place along the banks of the Cuyahoga River and marks the last time that river caught fire from unregulated pollution fifty years ago, a pivotal event that sparked the environmental movement that led to the establishment of the Clean Water Act. You don't want miss this one!

This year, our program features speakers who will illuminate how far we have come over the past 50 years, candidly reflect on where we stand today, and deliver game-changing insight for ensuring everyone has access to clean water and healthy rivers, both urban and rural, for the next 50 years. We will build your toolbox and confidence so that you leave inspired, informed, and empowered to build a more sustainable and equitable water future.

CLICK HERE TO VIEW THE PROGRAM [[5](#)]

Each theme also intersects with considerations of equity, diversity, and inclusion—we are intentional about building this into our entire program as we continue to build a more inclusive movement for the waters of our country. This year's program includes over 70 keynotes, plenary panels, workshops, and field trips; a celebration of people who have gone above and beyond for the waters of our country (River Heroes, Compton, and Emerging Leader Awards); a film screening, and other evening social events; mentoring opportunities; and so much more.

You will find the atmosphere at River Rally warm and welcoming, inclusive of all perspectives, and exceptionally interactive. Every year, we move to a new location to connect you with people who you wouldn't otherwise know or be able to learn from. We carry with us nationally-relevant issues and perspectives from other regions to this location, infusing new ideas from around the country and elevating hope and promise for a future where healthy rivers and clean water are paramount.

I hope you'll join us!

Nicole Silk, President
River Network

See the 2019 River Rally Program [6]

REGISTRATION INFO

RIVER NETWORK PAID MEMBERS enjoy 25% discount. View paid member rates.
[7]

SCHOLARSHIPS. River Network offers a limited number of scholarships to support registration fees for those who need financial assistance to attend River Rally. See details. [8]

EMERGING LEADER AWARD. We are now accepting self-nominations. To nominate yourself for the 2019 Emerging Leader Award, apply when you register. Learn more. [9]

Visit the River Rally website for more information. [10]

IMPORTANT DATES

JANUARY 22ND: Registration Opens Online
MARCH 15TH: Scholarship Applications Due
MARCH 15TH: Emerging Leader Self-Nominations Due
APRIL 30TH: Early Bird Registration Ends
JUNE 21ST –JUNE 24TH: River Rally 2019–see you in Cleveland!

GET UPDATES

facebook.com/rivernetwork [11]
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instagram: river_network
rivernetwork.org/stay-informed [13]

__VISit www.riverrally.org [14] for current info.

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[19]

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This email is being sent to friends and supporters of River Network.

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River Network

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Links:

[1] <https://mailchi.mp/rivernetwork/explore-water-and-equity-diversity-and-inclusion-at-river-rally-1167933?e=fe5be7ac2b>

[2] <https://rivernetwork.us9.list-manage.com/track/click?u=37451e588b04a942f75ed66d3&id=75e0b6eaae&e=fe5be7ac2b>

[3] <https://rivernetwork.us9.list-manage.com/track/click?u=37451e588b04a942f75ed66d3&id=dlee46d5c3&e=fe5be7ac2b>

[4] <https://rivernetwork.us9.list-manage.com/track/click?u=37451e588b04a942f75ed66d3&id=c71c546679&e=fe5be7ac2b>

[5] <https://rivernetwork.us9.list-manage.com/track/click?u=37451e588b04a942f75ed66d3&id=796db2251d&e=fe5be7ac2b>

[6] <https://rivernetwork.us9.list-manage.com/track/click?u=37451e588b04a942f75ed66d3&id=406da19194&e=fe5be7ac2b>

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[11] <https://rivernetwork.us9.list-manage.com/track/click?u=37451e588b04a942f75ed66d3&id=1198e8dbec&e=fe5be7ac2b>

[12] <https://rivernetwork.us9.list-manage.com/track/click?u=37451e588b04a942f75ed66d3&id=bf070d6088&e=fe5be7ac2b>

[13] <https://rivernetwork.us9.list-manage.com/track/click?u=37451e588b04a942f75ed66d3&id=92ef160f75&e=fe5be7ac2b>

[14] <https://rivernetwork.us9.list-manage.com/track/click?u=37451e588b04a942f75ed66d3&id=caac24850b&e=fe5be7ac2b>

[15] <https://rivernetwork.us9.list-manage.com/track/click?u=37451e588b04a942f75ed66d3&id=c84213abd9&e=fe5be7ac2b>

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Subject NACD Forestry Notes: Partnership Puts Turkeys Back on the Ground
From NACD Forestry Notes <nacdnews@nacdn.net.org>
Sender NACD Forestry Notes <nacdnews@nacdn.net.org>
Date Temecula-Elsinore- Anza-Murrieta RCD <manager@teamrccd.org>
2019-01-23 12:25



FORESTRY NOTES



PARTNERSHIP PUTS TURKEYS BACK ON THE GROUND IN NEW HAMPSHIRE

A memorandum of understanding (MOU) between the National Association of Conservation Districts (NACD) and the National Wild Turkey Federation (NWTf) [signed in August 2018](#) shows the commitment both organizations have to collaborate on future programs and activities, including wild turkey and habitat conservation projects, education and outreach and habitat restoration.

"[The MOU] really solidifies a great relationship we've had with conservation districts at the national and local level," **NWTf District Biologist Matt DiBona said.** "The conservation districts have those great local relationships with landowners, and if you're involved in wildlife habitat or conservation management, you can't overlook that."

NACD and NWTf have worked together

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Forestry Briefs

Michigan – [District helps coordinate silvopasture workshop](#)

Michigan State Extension is hosting an introductory workshop for resource professionals and interested farmers on silvopasture. This innovative practice combines forest and

through a number of national efforts, including the Forests in the Farm Bill coalition, and have collaborated with the Natural Resources Conservation Service (NRCS) and state forestry agencies to staff wildlife biologists and other positions to increase conservation delivery on private lands, including a planned position in New Hampshire and Vermont.

"Capacity is often a limiting factor in reaching landowners and getting projects on the ground," **DiBona said.** "So, we're really excited about that."

In the meantime, NWTF is building on the past 20 years of collaboration with the New Hampshire Association of Conservation Districts (NHACD) to build turkey habitat and create accessible hunting property.

"The conservation districts are committed to wildlife habitat and working with landowners on technical assistance and taking the right steps for turkeys," **Cheshire County Conservation District Manager Amanda J.C. Littleton said.** "Turkeys have come back with such a great success story, now they're hunted in our region, which is great. The partnership has really been a positive impact on the environment." [Read more >>>](#)

DISTRICT PROVIDES MUCH NEEDED POST-FIRE SUPPORT



pasture to create a unique type of grazing system. The Osceola-Lake Conservation District is helping to sponsor the free event.

North Carolina – TreeFest expects high numbers for tree seedling giveaway

An annual distribution of tree seedlings called TreeFest expects a large turnout this year from people who lost trees during Hurricane Florence last September. The TreeFest committee consists of retired foresters, members of local tree boards, and professors at University of North Carolina Wilmington. Volunteers wrap seedlings in wet newspaper for people to transport to their homes, where the committee encourages planting within a week. The North Carolina Forest Service and New Hanover Soil and Water Conservation District are among the sponsors of the annual event.

Minnesota – SWCD award winner made strides in urban forestry and pollinator habitats

Bob Nelson knew he needed help to carry out his forest project

Washington's Cascadia Conservation District (CCD) is working with landowners and other partners on wildfire recovery efforts to mitigate the after-effects of wildfires.

In December 2018, the conservation district gathered federal, state and local partners to hold a workshop focusing on post-wildfire recovery efforts from August's Cougar Creek Fire that burned more than 45,000 acres. Fire damage can lead to soil run-off during rainstorms, which can cause flooding and other ground instability.

The area is not unfamiliar with wildfire damage and the after effects, so it took some time for Cascadia Conservation District to grow to include wildlife recovery efforts as part of its overall wildfire education.

"We live in a region that's evolved to have fire as part of the landscape," **CCD Project Coordinator Patrick Haggerty** said. "We have a responsibility to live with fire here, so we really focus in on programs that are tailored to helping landowners prepare for and recover from wildfires." [Read more>>>](#)

A NOTE FROM THE CHAIR: THE FORESTRY RPG HAS MUCH PLANNED FOR 2019

The NACD Forestry Resource Policy Group (RPG) is excited to work on a number of projects in 2019. The Forestry RPG is entering the final year of our three-year strategic plan and is close to achieving remaining objectives. We have a number of things to do this year, but the Forestry RPG has a roster of committed, knowledgeable members up to the task.

Each year we assemble a list of priorities. I've included several items below from this year's list of priorities. We want to keep conservation district forestry leaders apprised of these items, and we encourage your input and cooperation.

work so he called on professionals at the Carlton Soil and Water Conservation District as well as NRCS, the Minnesota Department of Natural Resources (DNR) and the University of Minnesota Cloquet Forestry Center. According to Nelson, "I knew what I wanted to achieve, but I needed expert advice."

Forestry News

Executive Order on Promoting Active Management of America's Forests, Rangelands, and other Federal Lands to Improve Conditions and Reduce Wildfire Risk [\[link\]](#)

Free trees? Many Detroit residents say no thanks [\[link\]](#)

Why more buildings should be made of wood [\[link\]](#)

Washington state agency wants to increase prescribed burns for healthier forests [\[link\]](#)

- **Inventory state conservation district forestry activity**—From our 2015 comprehensive forestry survey we learned that a number of states have a conservation district forestry committee. The Forestry RPG is interested to compile a full inventory of these groups and learn more about their needs and interests. Forestry RPG regional representatives will reach out to state leaders this spring and summer to compile our list.
- **Engage the nationwide NACD Forestry Network to expand grassroots efforts to collect and disseminate information**—The network officially launched this past summer and has already generated a wealth of new ideas. We have grown the network to include contacts from more than 30 states, but this year we intend to fill that roster. If you assist conservation district forestry projects in your state and would like to help out, please contact your RPG region representative or **NACD Forestry Specialist Mike Beacom**.
- **Identify and explore emerging forestry issues and opportunities**—Last year we studied conservation district involvement in Joint Chiefs Landscape Restoration Partnership efforts, and in 2019 we would like to learn about how conservation districts are assisting Good Neighbor Authority projects. We are also interested in tracking conservation district forestry efforts and opportunities related to wildlife habitat and urban forestry.
- **Monitor and influence ongoing legislative, regulatory and policy efforts affecting forest landowners and managers**—The NACD policy team does an excellent job keeping up with relevant forestry policy on the Hill, and Forestry RPG members have field experience to complement those efforts. Our group helped advocate for the wildfire funding fix and contributed to the Forests in the Farm Bill Coalition.



Upcoming EVENTS!

Calendar

Feb. 2 – 6

NACD 2019 Annual Meeting

San Antonio, Texas

Feb. 13 – 17

NWTF Convention & Sports Show

Nashville, Tenn.

March 6

Sustainable Urban Forests Coalition Annual Meeting and Reception

Washington, D.C.

March 13

NACD Spring Fly-In

Washington, D.C.

May 14–16

Council of Western State Foresters (CWSF) and Western Forestry Leadership Coalition (WFLC) Spring Meeting

Lake Tahoe, Nev.

June 22–25

Association of Consulting Foresters Annual Conference

We'll continue to keep an eye on forest resource needs and developing policy.

- **Continue engagement in the next farm bill**—We intend to help educate conservation districts about changes to existing forestry programs and new forestry opportunities.
- **Keep conservation districts informed of forestry related emerging issues and resource tools and technology through Forestry Notes and other NACD communication tools**—The most important thing we can do is share the forestry successes of our conservation districts across the country. We want to tell your story!

The Forestry RPG will meet on Saturday, Feb. 2, 2019, in San Antonio, Texas, from 8:00 a.m. to noon. I encourage you to stop by if you plan to attend the NACD Annual Meeting. And please reach out to your Forestry RPG region representative to share local forest resource concerns and your forestry success stories!

Steve Hedstrom, Chair
NACD Forestry RPG

French Lick, Ind.

July 8 – 10

Small-Scale Forestry Conference

Duluth, Minn.

Send news items by the 15th day of the preceding month to: Managing Editor at mike-beacom@nacdnet.org

NACD Address:
509 Capitol Court,
NE
Washington, D.C.
20002
(202) 547-6223



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January 24, 2019

TO: Affected Agencies

FROM: Rebecca Holtzclaw
LAFCO Secretary
Riverside LAFCO

RE: **LAFCO 2018-14-3 & 5-Sphere of Influence Review-Valley Health System**

LAFCO is currently conducting a sphere of influence (SOI) review of Valley Health System. A map of the proposed project is attached. If you have any comments on this SOI Review, please submit them to our office by 5:00 p.m. on Tuesday, February 12, 2019. **Please make sure to reference the LAFCO proposal title with your comments and include your name, title and contact information.** Comments can be emailed to info@lafco.org or mailed to 6216 Brockton Avenue, Suite 111-B, Riverside, CA 92506.

If you have any questions or need further information, please contact our office.

RIVERSIDE LOCAL AGENCY FORMATION COMMISSION

Affected Agencies Distribution List

Title: LAFCO 2018-14-3 & 5-Sphere of Influence Review - Valley Health System

Forwarded on: January 24, 2019

Return comments by 5:00 p.m.: February 12, 2019

- ☒ **COUNTY SURVEYOR** – email
- ☒ **COUNTY EXECUTIVE OFFICE** (S. Bruckner /K. Ponce) – email
- ☒ **SUPERVISORIAL DISTRICT 3 and 5** – email
- ☐ **MAC / COMMUNITY COUNCIL** – email
- ☒ **CALIFORNIA HIGHWAY PATROL** (Riverside) – email
- ☒ **CALIFORNIA HIGHWAY PATROL** (San Bernardino) – email
- ☒ **CALTRANS** (District Director) – email
- ☒ **REGIONAL WATER QUALITY CONTROL BOARD**
 - ☐ Colorado River Basin Region
 - ☒ San Diego Region
 - ☒ Santa Ana Region
- ☐ **AIR QUALITY MANAGEMENT DISTRICT**
 - ☐ Mojave Desert (for Blythe/Palo Verde Valley Area) – email
- ☒ **RIVERSIDE CO. TRANSPORTATION COMMISSION** - email
- ☒ **SOUTHERN CA. ASSOCIATION OF GOVERNMENTS** - email
- ☒ **METROPOLITAN WATER DISTRICT OF SO CAL** - email
- ☐ **TLMA REGIONAL OFFICE** (Indio c/o Manager) - email
- ☐ **COACHELLA VALLEY ASSOC. OF GOVERNMENTS (MAIL)**
- ☒ **WESTERN RIVERSIDE COUNCIL OF GOV.** - email
- ☒ **BUREAU OF INDIAN AFFAIRS** - email
- ☒ **BUILDING INDUSTRY ASSOCIATION** (Riverside) - email
- ☒ **COUNTY COMMITTEE ON SCHOOL DISTRICT ORG**
(Paul Jessup, Riv County Superintendent of Schools) - email
- ☐ **DEPARTMENT OF CONSERVATION** (56753.5 city proposal w/ag preserve) c/o Land Conservation (Williamson) Act - email
- ☒ **COUNTY FLOOD CONTROL** (Stuart McKibben) - email
- ☒ **COUNTY REGIONAL PARK & OPEN SPACE** - email
- ☒ **COUNTY WASTE RESOURCES MANAGEMENT** - email
- ☒ **ECONOMIC DEVELOPMENT AGENCY** - email
- ☐ **RIVERSIDE PUBLIC UTILITIES** (Daniel E. Garcia) - City Only
- ☐ **THE VISTA SANTA ROSA ASSOC** (Ellen Trover) – email
- ☐ **DIRECTOR OF FORESTRY & FIRE PROTECTION (MAIL)**
(All City Proposals)
- ☐ **US FISH & WILDLIFE SERVICE**
 - Riverside County (Karin Cleary-Rose) - email
 - Eastern Riverside County (Jenness McBride) - email
- ☒ **CENTER FOR BIOLOGICAL DIVERSITY** - email

- ☒ **SPECIAL DISTRICT(S)** – via email
 - Beaumont Library District
 - Beaumont-Cherry Valley Park & Rec
 - Citrus Pest Control District No. 2
 - Desert Water Agency
 - Eastern Municipal Water District
 - Elsinore Valley Cemetery District
 - Fern Valley Water District
 - Idyllwild Fire Protection
 - Idyllwild County Water District
 - Lake Hemet Municipal Water District
 - Murrieta Cemetery District
 - Pine Cove Water District
 - Palm Springs Cemetery District
 - Perris Valley Cemetery District
 - Rancho California Water District
 - San Geronio Pass Water Agency
 - San Jacinto Basin Resource Conservation District
 - San Jacinto Valley Cemetery District
 - Summit Cemetery District
 - Temecula Cemetery District
 - Temecula-Elsinore-Anza-Murrieta RCD
 - Tenaja Community Services District
 - Valley Health System
 - Valley-Wide Rec & Park
 - Western Municipal Water District
- ☒ **SCHOOL DISTRICT(S)** – via email

Banning Unified	Perris Elementary
Beaumont Unified	Perris Union High
Hemet Unified	Romoland Elementary
Menifee Union Elementary	San Jacinto Unified
Murrieta Valley Unified	Temecula Valley Unified
Nuview Union Elementary	Val Verde Unified
Palm Springs Unified	
- Desert Community College
 - Mt. Jacinto Community College District
 - Riverside Community College District
- ☒ **CITY(IES)** – via email
 - City of Beaumont
 - City of Hemet
 - City of Lake Elsinore
 - City of Menifee
 - City of Moreno Valley
 - City of Murrieta
 - City of Perris
 - City of Temecula

LAFCO 2018-14-3&5

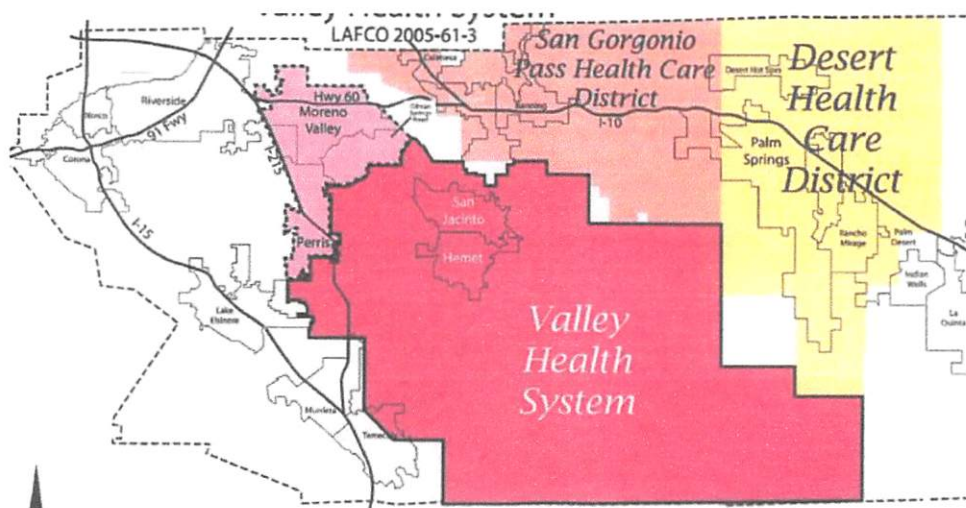
SPHERE OF INFLUENCE REVIEW OF VALLEY HEALTH SYSTEM

APPLICANT: Valley Health System

PROPOSAL: To review the sphere of influence of Valley Health System.

GENERAL LOCATION: The boundaries of the Valley Health System are generally located south of Interstate 10, west of the community of Idyllwild, north of the City of Murrieta and east of the City of Lake Elsinore.

ACREAGE: The proposal contains approximately 882 square miles/564,480 acres.



Commission Approved on: 10/27/ 2005

- Valley Health System
- Valley Health SOI
- Desert Health Care District
- San Geronio Pass Health Care District

RIVERSIDE LOCAL AGENCY FORMATION COMMISSION

The following proposal is being considered by LAFCO and is being routed to you for comment. A map of the proposed project is attached. If you have comments, please submit them to our office by 5:00 p.m. on Monday, February 18, 2019. **Please make sure to reference the LAFCO proposal title with your comments and include your name, title and contact information.** If appropriate, include suggested terms and conditions and/or recommendations. Please coordinate your response with the County Executive Office if you are a County department. Comments can be emailed to info@lafco.org or mailed to 6216 Brockton Avenue, Suite 111-B, Riverside, CA 92506. If you have any questions or need further information, please contact our office.

Title: LAFCO 2019-02-3-Dissolution of County Service Area 153 (Mountain Plateau)

Forwarded on: January 30, 2019

Return comments by 5:00 p.m.: February 18, 2019

- ☒ **COUNTY SURVEYOR** – email
- ☒ **COUNTY EXECUTIVE OFFICE** (S. Bruckner /K. Ponce) – email
- ☒ **SUPERVISORIAL DISTRICT 3** – email
- ☒ **MAC / COMMUNITY COUNCIL c/o Sup. District 3** - email
 - Winchester-Homeland MAC
 - Anza Valley MAC
- ☒ **CALIFORNIA HIGHWAY PATROL** (Riverside) – email
- ☒ **CALIFORNIA HIGHWAY PATROL** (San Bernardino) – email
- ☒ **CALTRANS** (District Director) – email
- ☒ **REGIONAL WATER QUALITY CONTROL BOARD**
 - ☐ Colorado River Basin Region
 - ☐ San Diego Region
 - ☐ Santa Ana Region
- ☐ **AIR QUALITY MANAGEMENT DISTRICT**
 - ☐ Mojave Desert (for Blythe/Palo Verde Valley Area) – email
- ☒ **RIVERSIDE CO. TRANSPORTATION COMMISSION** - email
- ☒ **SOUTHERN CA. ASSOCIATION OF GOVERNMENTS** - email
- ☒ **METROPOLITAN WATER DISTRICT OF SO CAL** - email
- ☐ **TLMA REGIONAL OFFICE** (Indio c/o Manager) - email
- ☐ **COACHELLA VALLEY ASSOC. OF GOVERNMENTS (MAIL)**
- ☒ **WESTERN RIVERSIDE COUNCIL OF GOV.** - email
- ☒ **BUREAU OF INDIAN AFFAIRS** - email
- ☒ **BUILDING INDUSTRY ASSOCIATION** (Riverside) - email
- ☒ **COUNTY COMMITTEE ON SCHOOL DISTRICT ORG**
(Paul Jessup, Riv County Superintendent of Schools) - email
- ☐ **DEPARTMENT OF CONSERVATION** (56753.5 city proposal w/ag preserve) c/o Land Conservation (Williamson) Act - email
- ☒ **COUNTY FLOOD CONTROL** (Stuart McKibben) - email
- ☒ **COUNTY REGIONAL PARK & OPEN SPACE** - email
- ☒ **COUNTY WASTE RESOURCES MANAGEMENT** - email
- ☒ **ECONOMIC DEVELOPMENT AGENCY** - email
- ☐ **RIVERSIDE PUBLIC UTILITIES** (Daniel E. Garcia) - City Only
- ☐ **THE VISTA SANTA ROSA ASSOC** (Ellen Trover) – email
- ☐ **DIRECTOR OF FORESTRY & FIRE PROTECTION (MAIL)**
(All City Proposals)
- ☐ **US FISH & WILDLIFE SERVICE**
 - Riverside County (Karin Cleary-Rose) - email
 - Eastern Riverside County (Jenness McBride) - email
- ☒ **CENTER FOR BIOLOGICAL DIVERSITY** - email

- ☒ **SPECIAL DISTRICT(S)** – via email
 - Citrus Pest Control No. 2
 - Coachella Valley Mosquito & Vector
 - Coachella Valley Resource Conservation
 - Coachella Valley Water
 - Desert Healthcare
 - Desert Water Agency
 - Eastern Municipal Water
 - Idyllwild County Water
 - Idyllwild Fire Protection
 - Lake Hemet Municipal Water
 - Palm Springs Cemetery
 - Pine Cove Water
 - Pinyon Pines Water
 - San Geronio Pass Memorial Hospital
 - San Jacinto Basin Resource Conservation
 - San Jacinto Valley Cemetery
 - Temecula-Elsinore-Anza-Murrieta Resource Conservation
 - Valley Health System Hospital
 - Valley Wide Recreation and Park
- ☒ **SCHOOL DISTRICT(S)** – via email
 - Banning Unified
 - Desert Community College
 - Hemet Unified
 - Palm Springs Unified
 - Mt. Jacinto Community College District

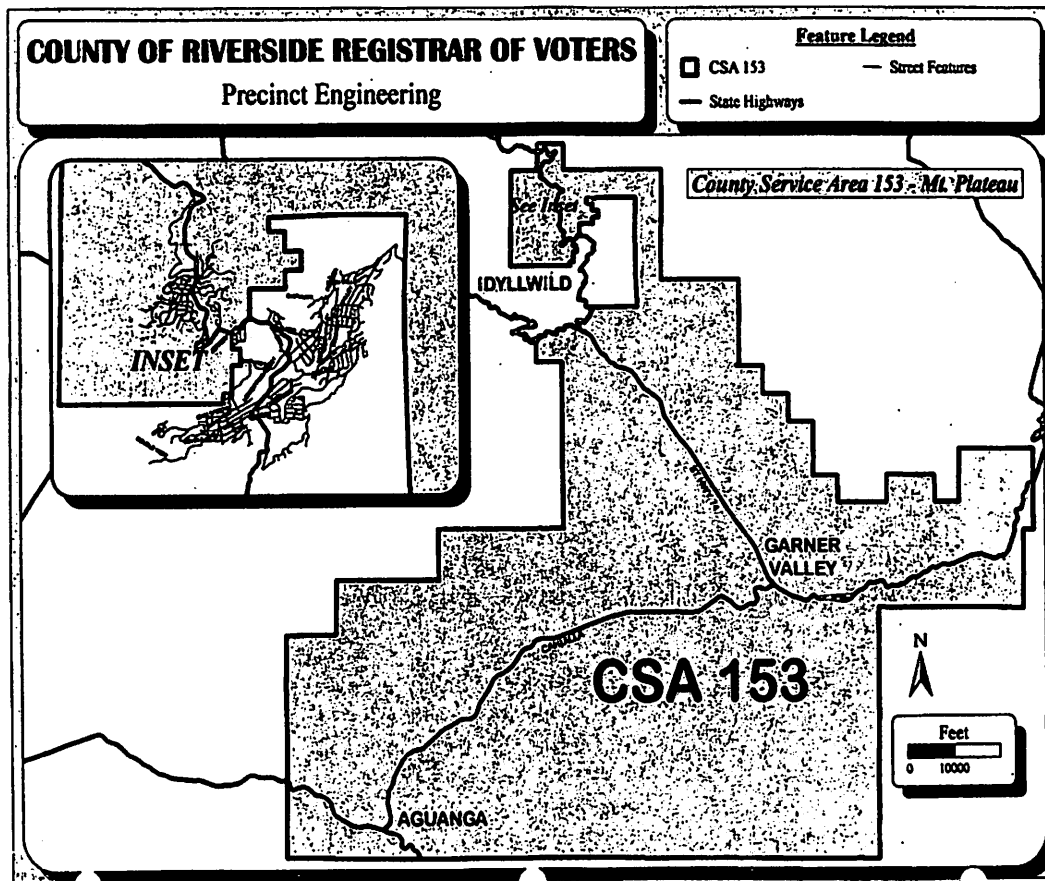
DISSOLUTION OF COUNTY SERVICE AREA 153 (MOUNTAIN PLATEAU)

APPLICANT: Riverside LAFCO

PROPOSAL: To dissolve County Service Area 153.

GENERAL LOCATION: The boundaries of County Service Area 153 are generally located west and south of the City of Palm Springs, north of the Riverside/San Diego County line, east of the Cities of Hemet, San Jacinto and Temecula and including communities of Aguanga, Cahuilla, Anza, Pinyon Pines, Garner Valley and Pine Cove.

ACREAGE: The proposal contains approximately 391 square miles/250,240 acres.



Subject **CARCD Weekly Digest, January 21 - 25**
From Sara Schremmer <carcd@memberclicks-mail.net>
Sender <carcd@memberclicks-mail.net>
<manager@teamrcd.org>
Reply-To <sara-schremmer@carcd.org>
Date 2019-01-25 11:16



Dear Colleagues,

In service to all RCDs throughout the state, the CARCD team is always on the lookout for events, news, funding opportunities, and any other resources that could be relevant to the important work that you do in your communities. Please see below for this week's digest of announcements.

If you have questions about any of the content listed below, please don't hesitate to contact us.

Thank you and Happy Friday!

In This Issue:

1. [Funding Opportunities](#)
 2. [RCD News](#)
 3. [Conservation Announcements](#)
 4. [Job Announcements](#)
-

Funding Opportunities

CDFW California Winter Rice Habitat Incentive Program

The California Department of Fish and Wildlife is accepting applications until February 11 for the new [California Winter Rice Habitat Incentive Program](#). This program awards \$10/acre for winter flooding of rice based on competitive ranking criteria. There will be a workshop for growers on Monday, January 28, from 10am to 11:30am at the Colusa Casino where CDFW and partner staff will be available to answer questions.

RCD News

Marin RCD Alternative Manure Management Program Workshop

The CA Department of Food and Ag has opened applications for its Alternative Manure Management Program (AMMP). All dairies can apply for up to \$750,000 to help implement practices that reduce methane emissions. [Marin RCD and partners will be hosting a workshop](#) to help dairy managers find out if this program is a good fit for their operation and to provide no-cost assistance with the application. Join them on Tuesday, January 29 from 10am to 2pm at the USDA NRCS Petaluma Field Office "Mystic" Room (5401 Old Redwood Highway Suite 100, Petaluma, CA 94954). No RSVP required, and participants can drop in any time.

California Irrigation Institute Conference

The [California Irrigation Institute](#) will have its 57th annual conference February 4 - 5 in Sacramento, with San Mateo RCD District Manager Kellyx Nelson speaking for one of their panel sessions. The conference is attended by agricultural, urban and environmental interests including water districts, irrigation manufacturers, associations and government agency representatives. The theme of this year's event is Manage Our Land to Manage Our Water with special keynote given by Dr. Glenda Humiston, Vice President of the University of California Agriculture and Natural Resources.

Napa RCD Hosting Free RCD Storytelling Training

Thanks to the capacity building funding administered through the DOC, Napa RCD will be hosting a free Storytelling Training for RCDs. The training will be conducted by Solid Ground and will be closely coordinated with other CARCD-led communications efforts. The workshop will be on January 29, 9am - 4pm in at Napa Valley College. RSVP to Frances at frances@naparcd.org.

- Learn the distinguishing elements of effective stories

- Learn how stories differ from other communications
- Learn how RCDs and conservation groups are employing storytelling
- Learn how and where to use stories in your RCD
- Receive post-training coaching specific to your needs and questions

The trainer, Rich Bruer, is a consultant with Solid Ground Consulting (Portland) and a regular presenter on storytelling, branding, and messaging. He brings a diversity of experience and perspective to storytelling. He began his career as a newspaper journalist after earning a master's degree in journalism from the University of Oregon, then worked as a corporate communications executive, before co-founding and leading a marketing and communications agency in Portland. Today, Rich advises conservation groups and other nonprofit organizations in strategic planning, branding, and communications.

If your RCD has job openings, community events, or announcements that you would like to share with the RCD network and beyond, please e-mail me at sara-schremmer@carcd.org with the details so that we can include them in an upcoming Weekly Digest and in a monthly blog post at the end of the month.

Conservation Announcements

Sierra Harvest's Food and Farm Conference

Sierra Harvest will be hosting their [Food and Farm Conference](#) from February 7 - 10. The conference will feature keynote speakers who include regenerative rancher Doniga Markegard, organic farmers Paul Muller & Dru Rivers, and soil expert Jeff Lowenfels, along with hands-on workshops, farm tours, mixers, and food films.

Oregon Conservation District Training

The [Oregon Conservation Education and Assistance Network \(OCEAN\)](#) will again be delivering conservation based technical training, professional development, education, assistance, and networking opportunities to Oregon's conservation district employees in Sunriver, Oregon, April 9 - 11. Attendees from outside the state will be able to attend based on available space. Click on the links to see a [draft daily schedule](#), as well as a [draft of the session topics](#).

Looking for 4th/5th Grade Classes to Be Pen Pals

[RiverXchange](#) is looking for 4th-5th grade classes to pair as pen pals with current RiverXchange students where they will exchange information about rivers and their watersheds. RiverXchange has a year-long curriculum where students learn about rivers, watersheds, stormwater, municipal water supplies, ecology, and conservation. [View their flyer for more details.](#)

Job Announcement

San Mateo RCD is Hiring

San Mateo RCD is looking for a [Conservation Project Manager](#) to help them restore fish and wildlife habitat often in support of agricultural operations. As part of a team, the CPM will work on projects to remove barriers to fish migration, restore habitat in streams and uplands, enhance streamflows, mitigate climate change impacts, and more. The position is full-time at 40 hours per week and grant dependent, currently funded through 2020 with the intent to seek ongoing funding. Deadline to apply is February 22.

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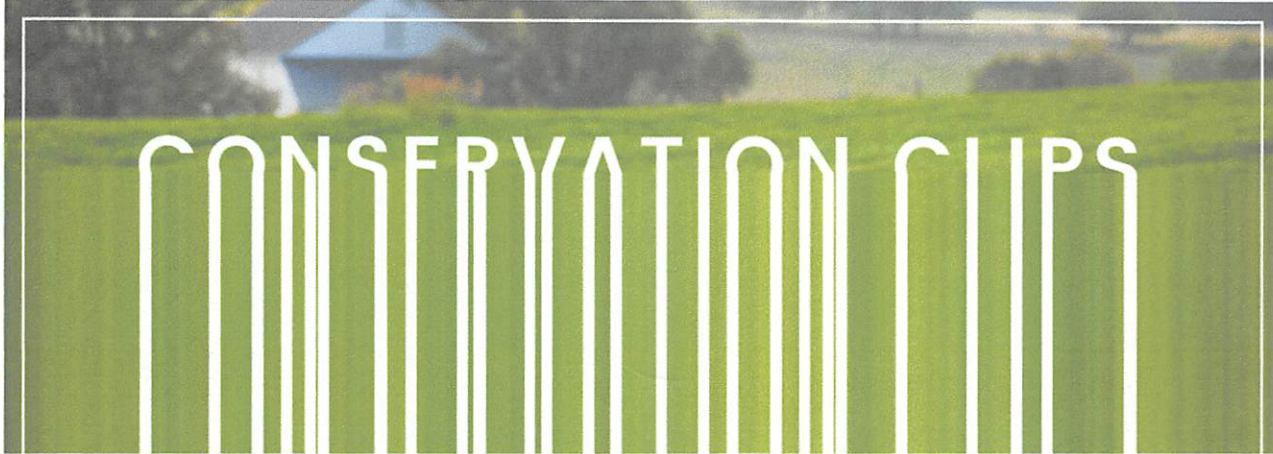
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NACD Blog: 2018 Farm Bill Breakdown: Conservation Reserve Program 01/22/19

The Conservation Reserve Program (CRP) has undergone a number of changes over the last several farm bills, including changes in overall acreage and an increased focus on specific resource concerns through special initiatives. The new farm bill allows for an increased acreage cap, while also addressing the issue of CRP competing with farmers for productive land by reducing rental rates, cost-share and incentive payments.

NACD Blog: TA grant helps get things moving in South Carolina 01/22/19

South Carolina's Barnwell Soil and Water Conservation District (BSWCD) has been able to dig in to a backlog of Environmental Quality Incentives Program (EQIP) applications with the help of an NACD technical assistance grant.

NACD Blog: Texas SWCD hires a familiar face to assist local landowners

01/22/19

Texas' Red River County Soil and Water Conservation District has an experienced set of boots on the ground thanks to an NACD technical assistance grant.

NACD Blog: District provides much needed post-fire support

01/23/19

Washington's Cascadia Conservation District (CCD) is working with landowners and other partners on wildfire recovery efforts to mitigate the after-effects of wildfires.

High Plains Journal: Changes announced for Senate, House agriculture committees

By Larry Dreiling

01/24/19

With the recent start of the 116th Congress, House and Senate leaders have announced the memberships of their committees. Notable is the absence of Rep. Frank Lucas, R-OK, on the House Agriculture Committee. Lucas has served on the committee since his first election in 1994.

Northwest Herald: Hammer: Standing rows of corn in fields help prevent snow, ice from blowing onto roads

By Grant Hammer

01/10/19

(Opinion) The McHenry-Lake County Soil and Water Conservation District has partnered with local transportation officials, farmers and lawmakers on the Living Snow Fence Program. The program will save the time and expense associated with the installation of snow fence along county roadways by enticing farmers to leave standing rows of corn crop in the field that will serve as snow traps that prevent snow and ice from blowing across open fields onto roadways.

AgDaily: Report reveals women are key to increasing conservation

01/18/19

The report further supports previous research that lady landowners are important in the broader implementation of conservation practices on farms. The interviews also show women-only learning circles work as a means for expanding conservation actions and that women who anticipated want to learn more.

Agri-Pulse: USDA reopening all FSA offices Thursday

By Steve Davies

01/22/19

USDA will reopen all its Farm Service Agency offices on Thursday with furloughed workers providing an expanded set of services for farmers, including processing Market Facilitation Program applications.

The Conversation: Can genetic engineering save disappearing forests?

By Jason A. Delborne

01/18/19

Releasing genetically engineered trees into forests to counter threats to forest health represents a new frontier in biotechnology. Even as the techniques of molecular biology have advanced, humans have not yet released a genetically engineered plant that is intended to spread and persist in an unmanaged environment. Biotech trees – genetically engineered or gene-edited – offer just that possibility.

U.S. Ag Net: New Conservation Practice Could Reduce Nitrogen in Drainage Water

01/18/19

In a new study, University of Illinois scientists have estimated that a new conservation practice known as saturated buffers could reduce nitrogen from agricultural drainage by 5 to 10 percent.

pnys.Org: Forest soil needs decades or centuries to recover from fires and logging

By Elle Bowd and David Lindenmayer

01/22/19

In a new study published in Nature Geoscience, we investigated how forest soils were impacted by fire and logging. To our surprise, we found it can take up to 80 years for soils to recover.

The Conversation: Bison are back, and that benefits many other species on the Great Plains

By Matthew D. Moran

01/18/19

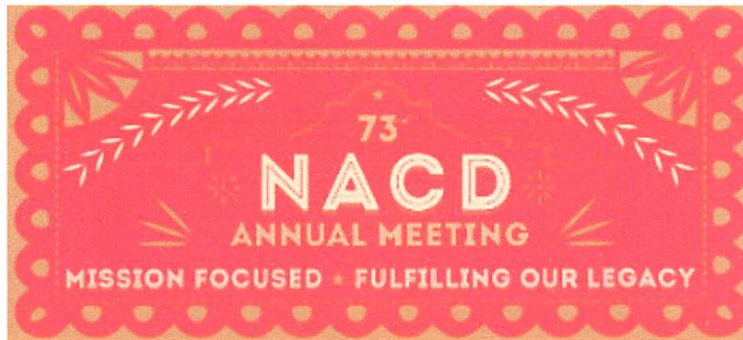
Today some 500,000 bison have been restored in over 6,000 locations, including public lands, private ranches and Native American lands. As they return, researchers like me are gaining insights into their substantial ecological and conservation value.

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National Association of Conservation Districts

eResource



2019 ANNUAL MEETING: KNOW BEFORE YOU GO

NACD's 73rd Annual Meeting begins Saturday! Registration opens Saturday, Feb. 2 at 12:00 p.m. in the Ballroom Foyer. Tickets for all events – including breakfasts, lunches, tours and Tuesday's Appreciation Banquet – are still available. Drop by the registration desk to complete your purchase.

Jan. 29, 2019

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NACD Welcomes
New Intern



On Tuesday, Jan. 22, NACD welcomed intern **Lacey Fiedler** to the Washington, D.C., headquarters office. Fiedler graduated from the



The 2019 Annual Meeting program is now available online – [visit NACD's website](#) or open the NACD app to begin your preparations. Make sure to download NACD's free app for access to annual meeting resources, as well as last minute room changes or updates.

On Monday morning, join us at the opening general session for a Texas welcome from the state's deputy secretary of state, **Jose A. "Joe" Esparza**. Esparza was sworn in on Dec. 14, 2018, and previously served in the office of the Governor Greg Abbott. Esparza earned a bachelor's degree from Texas Tech University and served in the U.S. Marine Corps.

During the week in San Antonio, NACD will welcome an impressive group of current college students as part of the [2019 Conservation Careers Workshop](#). Thanks to support from the Natural Resources Conservation Service (NRCS), the selected participants will gain pertinent information about careers in conservation from seasoned professionals in natural resource conservation.

University of Wyoming in Laramie, Wyo., with a bachelor's of science in agricultural business and a minor in French. Originally from Littleton, Colo., Fiedler grew up with an appreciation for the outdoors and a love for traveling. "I am excited to intern at NACD," **Fiedler said**. "I feel that it will help broaden my knowledge of agriculture and agricultural policy."

Federal Government Shutdown Ends

On Friday, Jan. 25, Congress and President Donald Trump reached an agreement to reopen the federal government after a 35-day partial shutdown. While this agreement only lasts until Friday, Feb. 15, NACD is hopeful that this time will bring forth a long-term funding bill to fund the U.S. Department of Agriculture and the Department of the Interior through the end of Fiscal Year 2019.

NACD Government Affairs Team Breaks Down New Farm Bill



NACD's Government Affairs Team has released a series of blog posts to break down the 2018 Farm Bill in



The 10 students hail from universities across the U.S. and will participate in an advanced, two-day training covering communications, field strategies, leadership and outreach. Their energy and enthusiasm will be excellent assets as they develop outreach programs for their own campuses. Learn more about the program and the selected 2019 Conservation Careers participants on the [Workshop webpage](#).

While making preparations for your week in the Lone Star State, remember to [pack a book](#)! Pack natural resource, environmental or conservation-related books for your trip to San Antonio and drop them off in the Conservation Expo Hall when you arrive. For a wide selection of books with conservation themes, visit the [NACD Pack-a-Book webpage](#).

If flying into San Antonio, the San Antonio International Airport (SAT) is eight miles away from the hotel. The hotel does not provide a shuttle service, but [reservations can be made through Super Shuttle](#) for \$14 for a shared, one-way ride. Taxis and car share costs are estimated at \$25 one-way. Self-parking at the Marriott Rivercenter is available at a 25 percent discount for meeting attendees.

NACD's leadership and staff wishes you safe travels to San Antonio – we'll see you soon!

MISSISSIPPI HOSTS 74TH ANNUAL MEETING

more detail with the changes folks can expect on the ground as USDA works to implement the new law.

Read the [latest blog post](#) from NACD's Government Affairs team covering urban conservation issues in the 2018 Farm Bill. This is the [sixth blog post in the series](#) breaking down the various conservation issues and program changes included in the recently passed farm bill and what to expect as the new law is implemented.



Ohio Association Seeks Chief Executive Officer

The Ohio Federation of Soil and Water Conservation Districts (OFSWCD) is seeking a full-time **chief executive officer**, based in Reynoldsburg, Ohio, to enhance the public relations of conservation districts and implement OFSWCD policy at state and federal levels.

The position will be responsible for conservation district advocacy, office administration and management, grant acquisition and

On Jan. 23–24, 2019, the Mississippi Association of Conservation Districts (MACD) held their 74th Annual Meeting in Jackson.

For two days, soil and water conservation district commissioners, staff and partners shared their local conservation efforts and celebrated achievements. These stories included helping Leake County farmers put fallen timber to economic use growing sought-after mushrooms and the success of a DeSoto County elementary school garden as an interdisciplinary teaching tool.

Meeting participants heard informative sessions on Mississippi's growing black bear population, chronic wasting disease in cervids, watershed dam safety and farm bill programs. NACD Southeast Region Representative **Candice Abinanti** shared an update on the programs, projects and resources NACD offers to conservation districts in a session that also highlighted the work of two partner organizations in Mississippi: the **National Wild Turkey Federation** and **Ducks Unlimited**.



The meeting closed with a banquet and awards program. MACD President and NACD Alternate Board Member **Pete Hunter** received the Southeast Conservation District Employees Association 2018 Commissioner of the Year award. Hunter also presented NACD Board Member **Gary Blair** with the MACD President's Award. Together, Hunter and NACD Executive Board Member **Jim Harreld** welcomed new MACD President **Jerry Smith** (pictured) and handed him the

management, budgeting and fundraising. Learn more about the position on [NACD's District Job Board](#) – applications are due **Friday, Feb. 1.**

Save the Date: February Urban and Community Conservation Webinar

The next NACD Urban and Community Conservation webinar, scheduled for 12:00 p.m. – 1:00 p.m. Eastern on Feb. 21, 2019, will discuss the National Brownfields Program.

U.S. Environmental Protection Agency (EPA) representatives will give an overview of the Brownfields Utilization, Investment and Local Development (BUILD) Act enacted in March 2018 and how it can be useful to local entities like conservation districts.

The Laramie Rivers Conservation District of Wyoming will provide an update on their recently completed clean-up of the old Midwest Refinery property using Brownfield and Community Development Block Grant resources.

These popular webinars, held on the third Thursday of each month, are sponsored by The Scotts Miracle-Gro Company in partnership with the NACD Urban and Community Resource Policy Group. There is no cost to participate, but space is limited. Registration will be

gavel to close the meeting.

NACD ATTENDS DELAWARE ANNUAL MEETING



Last week, the Delaware Association of Conservation Districts (DACD) held their annual meeting in Dover, Del. NACD Northeast Region Representative and Policy Specialist **Eric Hansen** (pictured) presented on NACD's ongoing grant opportunities and the recently passed 2018 Farm Bill. DACD meeting attendees heard partner updates, conducted their annual business meeting, and held a district supervisor training with National Association of State Conservation Agencies (NASCA) Executive Director **Mike Brown**.

Because of its location within the Chesapeake Bay, partners in Delaware have focused on using cost share programs to increase cover crop adoption. At the meeting, both NRCS and state officials discussed plans to better harmonize their respective programs.

TEXAS DISTRICT USES TA FUNDS TO HIRE ASSISTANCE FOR LANDOWNERS

Texas' Red River County Soil and Water Conservation District (SWCD) has an experienced set of boots on the ground thanks to an NACD technical assistance

accepted on a first-come, first-serve basis. To register, email NACD Senior Advisor **Debra Bogar** at deb-bogar@nacdn.net with your name, title, district or business name, state and email address. Information to access the webinar will be sent by email.

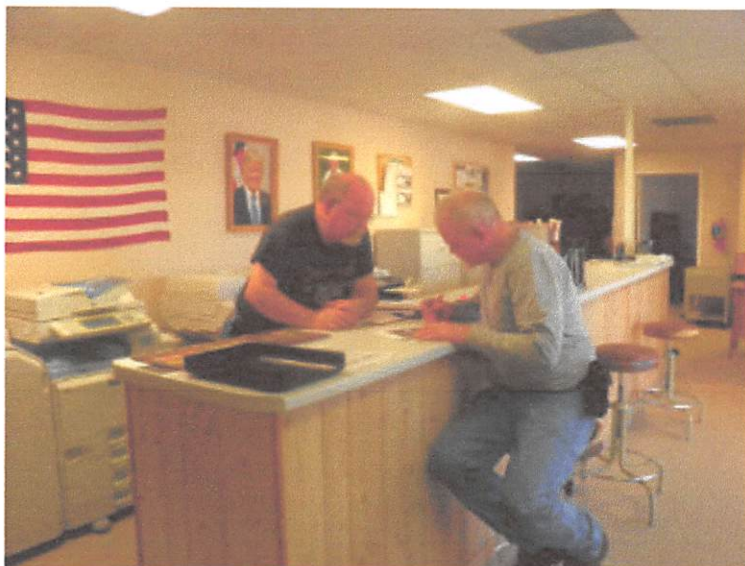
OCEAN Connect Scholarships Due Jan. 31

The Oregon Conservation Education and Assistance Network (OCEAN) will again be delivering conservation-based technical training, professional development, education, assistance and networking opportunities to Oregon's conservation district employees in Sunriver, Ore., Apr. 9–11, 2019. Attendees from outside the state can attend and participate as space is available. Scholarships are available for attendees from Oregon; [applications are due Jan. 31](#). For additional conference details, [visit the OCEAN Connect website](#).

National Pesticide Safety Education Month Begins Feb. 1

Beginning in February, the second annual National Pesticide Safety Education Month reinforces core principles of safe handling and use and raises awareness of and support for land-grant university Pesticide Safety Education

grant.



In June 2018, Red River County SWCD hired **Richard Donovan** (pictured), a former Farm Service Agency (FSA) field and program technician with 35 years of experience in Red River County working with farmers and ranchers.

With hundreds of program contracts, Donovan is able to conduct spot checks to gather information for the needed enhancements from producers so they are able to receive payments in a more timely manner, and which allows other technicians to focus on other projects.

"We're going out to the farm and determining if they're carrying out the practices and enhancements they planned for," **Donovan said.** "We make sure they aren't overgrazing and if they're spraying, that the land isn't grown up in weeds or shrubs and brush."

Donovan also does a lot of data entry and assists with Environmental Quality Incentives Program (EQIP) contracts including staking ponds and measuring them when they are completed, as well as getting into the field to measure fences and do tree planting under the program contract.

Red River County SWCD has an agreement with neighboring counties to pool resources in some areas, so Donovan has also assisted landowners in Lamar and Delta County

Programs (PSEPs).

Visit the [National Pesticide Safety Education Month webpage](#) to review basic pesticide safety principles and assess current safety practices, and share the link to promote safe pesticide use throughout conservation districts nationwide.

PACD Produces CREP Radio and TV Spot

The Pennsylvania Conservation Reserve Enhancement Program (CREP) Outreach Program Office (housed at the Pennsylvania Association of Conservation Districts) recently released a 30-second public service announcement for radio and television.

The public service announcement may be used by conservation districts and partners to help promote the CREP program. [Click here](#) to watch and listen.



NACD Events Calendar

Check [NACD's website](#) for additional details regarding meetings listed below. Does your district or state

SWCDs with pond and terrace work. Read more about this technical assistance success story [on NACD's blog](#).

association have an upcoming tree sale, state meeting or job vacancy?
Let us know!

- NACD 2019 Annual Meeting – Feb. 2 – 6
 - NACD 2019 Spring Fly-In – Mar. 13
 - 2019 Stewardship Week – Apr. 28 – May 5
 - NACD 2019 Summer Meeting – Aug. 2 – 6
-

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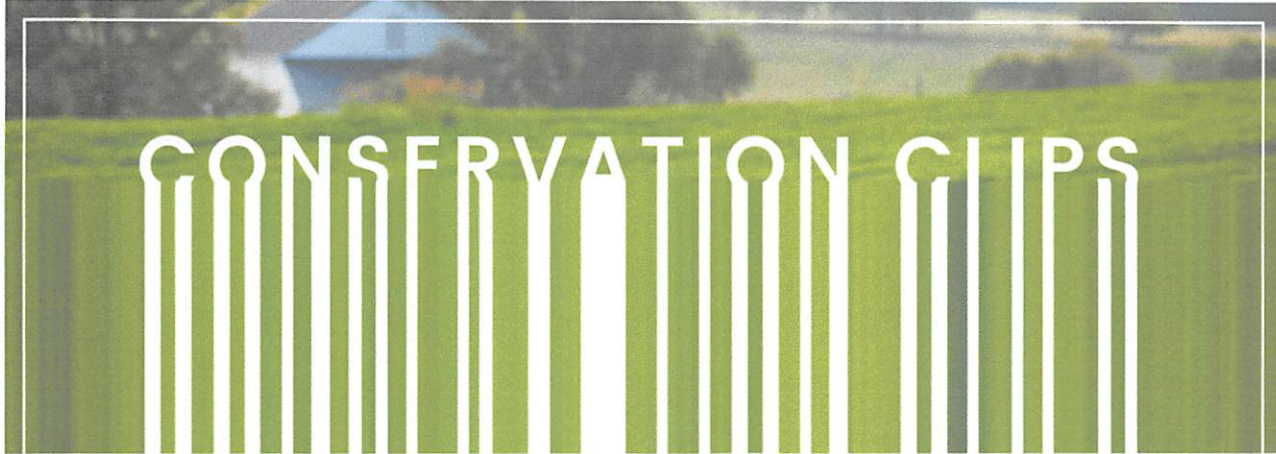
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Editor's Note: The next edition of Conservation Clips will be published on Friday, Feb. 15.

NACD Blog: 2018 Farm Bill Breakdown: Urban Conservation
01/28/19


Urban agriculture is a small but growing sector of the agriculture industry. Urban producers face both challenges familiar to any farmer, like accessing land and credit, as well as challenges unique to the urban setting – like soil contamination. The 2018 Farm Bill included several provisions designed to increase urban agricultural production and tackle challenges unique to urban locations.

Agri-Pulse: Trump agrees to reopen government for three weeks
By Philip Brasher
01/25/19

President Donald Trump agreed Friday to end the five-week-old partial shutdown of USDA and other major departments and agencies. Under the agreement, USDA, the Interior Department, FDA, EPA and other

departments and agencies for which fiscal 2019 spending bills have not been enacted yet will be funded through Feb. 15 by a continuing resolution.

The New York Times: Tough Times Along the Colorado River

 Peter Annin
01/30/19

(Opinion) The federal government could soon begin restricting Colorado River water allocations if the seven states that share the water don't approve their drought plans to reduce water consumption. The deadline for those approvals is Thursday.


EurekAlert: Prairie strips transform farmland conservation

01/30/19

STRIPS: Science-based Trials of Rowcrops Integrated with Prairie Strips showed that converting just 10% of a row-cropped field to prairie strips: reduces soil loss by 95%, reduces overland water flow by 37%, and reduces the loss of two key nutrients (nitrogen and phosphorus) from the soil by nearly 70% and 77%, respectively.

Successful Farming: Big Food Takes Soil Health Seriously

By Bill Spiegel
01/23/19


 "Soil health" and "sustainability" may just sound like the latest fads that food companies can use to peddle more products. But McDonald's joins a host of other big food companies – Cargill, ADM, General Mills and others – that take these terms seriously. Rather than incentivize farmers directly, McDonald's invests into research and development of soil health practices as a way for the company to help farmers.

Agri-Pulse: Ag Census report delayed because of shutdown

By Steve Davies
01/30/19

The lapse in funding during the five-week government shutdown has delayed the planned release next month of the 2017 Census of Agriculture. The National Agricultural Statistics Service said assuming funding remains available for fiscal year 2019, it plans to release the 2017 Census of Agriculture at noon on April 11. The report was originally set to be unveiled at USDA's annual Agricultural Outlook Forum Feb. 21.

Reuters: Oink, moo and brrr: Polar vortex strikes U.S. farm belt

 P.J. Huffstutter and Michael Hirtzer
01/30/19

Farmers from North Dakota to Iowa buckled down for some of the coldest weather in a generation in the teeth of sub-zero temperatures and bone-chilling winds. But temperatures expected to plunge in some areas as low as minus 40 degrees, the point at which Fahrenheit and Celsius converge, are no laughing matter for an industry dependent on the elements.

The New York Times: Are We Watching the End of the Monarch Butterfly?

By Mary Ellen Hannibal

01/25/19

The total number of West Coast monarchs was estimated at approximately 4.5 million in the 1980s. In the latest count, that number fell to 28,429, dipping below the number scientists estimate is needed to keep the population going. This drastic decline indicates the migration is collapsing. The United States Fish and Wildlife Service is expected to announce in June whether its scientists think the monarch qualifies for protection under the Endangered Species Act.

National Geographic: To curb climate change, we have to suck carbon from the sky. But how?

By Craig Welch

01/17/19

In 2017, according to a third-party audit, planting cover crops on land that once sat empty helped the McCarty farms in Kansas and Nebraska pull 6,922 tons of carbon dioxide from the atmosphere and store it in the soil across some 12,300 acres—as much as could have been stored by 7,300 acres of forest. Put another way: The farm soil had sucked up the emissions of more than 1,300 cars.

Civil Eats: How an Oregon Rancher is Building Soil Health—and a Robust Regional Food System

By Kathleen Bauer

01/31/19

Equally if not more important to Carman, however, is the focus on what she calls the “holistic management” of her land. This involves constantly moving the cattle and paying careful attention to the rate of growth of the animals and grasses. By this system, the steers select the forages they need to grow and gain weight, and the grasses get clipped, trampled down, and fertilized with manure, resulting in fields that are vibrant—they retain water, resist drought, contain abundant organic matter, which contributes nutrients and carbon, and are highly productive without the addition of fertilizer.

Hakai Magazine: What Happens to Fish After a Wildfire?

By Starre Vartan

01/23/19

Denuded stream banks erode quickly, with topsoil and ash clouding streams and making it difficult for fish to breathe or find food. Even firefighting efforts are a threat: foam fire suppressants can suffocate fish, while fire retardants can be toxic.

Pacific Standard: Can Cities Help Preserve the Butterflies and the Bees?

By Mike Gaworecki

01/31/19

Many pollinator insect species like bees, butterflies, and hoverflies are on the decline, due in large part to habitat destruction driven by conversion of land to agricultural fields and urbanization. But, while cities are generally considered to be poorer in biodiversity than rural areas, new research finds that urban areas could actually play a key role in conserving pollinator communities.

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ACTION ITEMS

DISCUSSION CALENDAR

PROJECT DESCRIPTION

Permittee is a small government agency responsible for conserving natural resources, including soil, water, plants, and wildlife, within their service area boundaries in western Riverside County. Permittee is one of five member agencies of the Santa Ana Water Association (SAWA), a 501c (3) non-profit organization dedicated to developing, coordinating, and implementing natural resource programs that support a sustainable ecosystem and social benefits within the Santa Ana River Watershed. Permittee's service area boundaries include 505,000 acres, or approximately 789 square miles of land, including urban areas. Permittee currently holds 343.2 acres of conservation lands within areas of Murrieta and Wildomar. Cities and communities located within the service area boundaries include: Lake Elsinore, Wildomar, Murrieta, Temecula, Anza, Aguanga, Santa Rosa Plateau and De Luz and Lakeland Village. EMARCD's service area extends northwestern boundary is roughly located near Santiago Peak within the Cleveland National Forest, the southwestern boundary is the intersection between the Orange, Riverside, and San Diego County lines, the southeastern boundary is the San Diego County line, approximately one mile west of Buck Ridge in the Anza-Borrego State Park, and the northeast boundary is located north west of the intersection of State Routes 371 and 74.

Permittee's Regional Habitat Enhancement, Restoration, Creation, and Conservation Project includes the enhancement, restoration, creation, and conservation of various habitats, native buffers, and other lands within the San Mateo, Upper San Juan, Santa Margarita and Santa Ana River Watersheds within Permittee's service area boundaries. The total estimated potential project area subject to enhancement, restoration, and creation is 20 acres. Enhancement, restoration, and creation areas are likely to expand in the future as Permittee acquires additional mitigation projects. Project activities will occur on private and public lands, including conservation easements held by Permittee. Habitat types where project activities will occur include: riparian; wetland; perennial, intermittent, and ephemeral streams; lakes and ponds; vernal pools; riparian-upland transitional; upland; oak woodland; sage scrub; and grassland. Native buffers include habitat types that protect sensitive habitats types such as riparian or wetland from disturbances associated with adjacent land uses such as urban development.

Project activities to be performed by Permittee in the various habitats within the Santa Margarita and Santa Ana River Watershed are described below.

Project Activity 1: Habitat Creation

This project activity includes the creation (establishment) of various habitat types, including native habitat buffers, within the San Mateo, Upper San Juan, Santa Margarita and Santa Ana River Watersheds. Creation or establishment refers to the manipulation of the physical, chemical, and/or biological characteristics of the land and vegetation that are currently present at a given location for the purpose of developing a habitat type that did not historically exist at that location. Creation of habitat results in an increase of

habitat area and biological resource function. Creation activities may include, but not be limited to: removal of vegetation, including dead trees and/or shrubs, fallen trees, nonnative vegetation, and existing plant species that are not appropriate to the habitat type proposed for creation; removal of trash and debris; grading and removal and/or deposition of soil to establish the creation site; placement of gravel or other substrate within stream channels to create fish spawning habitat; installation of native plant species; installation of an irrigation system; installation of erosion control measures; bank stabilization utilizing non-concrete methods; and installation of fencing or signage to protect and conserve the creation area. Vegetation removal will be performed utilizing hand tools, mechanical cutters and shredders, and herbicides.

Project Activity 2: Habitat Restoration

This project activity includes the restoration (reestablishment) of various historic habitat types, including native habitat buffers, at a given location within the San Mateo, Upper San Juan, Santa Margarita and Santa Ana River Watersheds. Restoration refers to the manipulation of physical, chemical, and/or biological characteristics of the land and/or vegetation that are currently present at a given location for the purpose of reestablishing or rehabilitating a habitat type that naturally or historically existed at that location. Restoration of habitat through reestablishment and rehabilitation results in an increase of biological resource function. Restoration can also result in an increase of habitat area when habitat is reestablished due to the removal of a dam, levee, culvert, or other obstruction. Restoration activities may include, but not be limited to: removal of vegetation, including dead trees and/or shrubs, fallen trees, and nonnative vegetation; removal of trash and debris; grading and removal and/or deposition of soil to reestablish the restoration site; bank stabilization using non-concrete methods; placement of gravel or other substrate within stream channels to facilitate fish spawning; installation of native plant species; installation of an irrigation system; and installation of fencing or signage to protect and conserve the restoration area. Vegetation removal will be performed utilizing hand tools, mechanical cutters and shredders, and herbicides.

Project Activity 3: Habitat Enhancement

This project activity includes the enhancement of various existing habitat types, including native habitat buffers, within the San Mateo, Upper San Juan, Santa Margarita and Santa Ana River Watersheds. Enhancement refers to the manipulation of the land and/or vegetation at a given location for the purpose of improving an existing habitat type. Enhancement of habitat results in an increase of biological resource function for a specific habitat type, but does not provide an increase in habitat area. Enhancement activities may include, but not be limited to: removal of vegetation, including dead trees and/or shrubs, fallen trees, and nonnative vegetation; removal of trash and debris; placement of gravel or other substrate within stream channels to facilitate fish spawning; and installation of fencing or signage to protect and conserve the enhancement area. Vegetation removal will be performed utilizing hand tools, mechanical cutters and shredders, and herbicides.

Project Activity 4: Habitat Conservation

This project activity includes the conservation of various habitat types, including native habitat buffers, within the San Mateo, Upper San Juan, Santa Margarita and Santa Ana River Watersheds. Conservation of habitat does not provide an increase in habitat area or biological resource function, but rather provides long-term preservation of existing habitats and biological resource functions at a given location. Permittee works cooperatively with private and public landowners to set aside conservation easements on land within Permittee's service area boundaries. Project Activities 1 through 3 are conducted on these conserved lands. Permittee provides long-term management of various habitats within the conservation easements.

PROJECT IMPACTS

Existing native fish and wildlife resources the project could potentially affect include all species known to occur and those that have the potential to occur within the San Mateo, Upper San Juan, Santa Ana and Santa Margarita Watersheds within Permittee's service area boundaries. All of the project activities to be undertaken by Permittee as proposed will provide a positive effect on local species by increasing the quality of nesting, spawning, and foraging habitats, as well as improving wildlife corridors. Total impacts authorized by this Agreement total 20.0 acres.

MEASURES TO PROTECT FISH AND WILDLIFE RESOURCES

1. Administrative Measures

Permittee shall meet each administrative requirement described below.

- 1.1 **Annual Fees.** This Agreement is subject to an annual fee of \$122.75 (subject to change) for each project completed per calendar year for the term of the Agreement. Due to the district-wide nature of this Agreement, each of the following shall be considered a single "project" and subject to the annual fee: Habitat Creation, Habitat Restoration, and Habitat Enhancement. Therefore, the maximum annual fee is \$368.25. Permittee shall include payment of the total annual fees for the previous calendar year when submitting the annual report (see Condition 3.1 below) to the Department for review.
- 1.2 **Project and Lands Approval.** Prior to the initiation of Project Activities within areas subject to Fish and Game Code Section 1600 *et seq.*, Permittee shall coordinate with appropriate CDFW staff. Permittee shall coordinate on the placement of mitigation projects, preparation of applicable habitat mitigation and management plans, and on appropriate avoidance and minimization measures. Permittee may be responsible for the preparation of habitat mitigation and management plans, as

OLD BUSINESS



January 26, 2019

Mr. Jeff Brandt

Habitat Conservation

California Department of Fish and Wildlife

3602 Inland Empire Blvd., Suite C-220

Ontario, CA 91764

Re: Annual Reports 2018: Permit No. 1600-2012-0014-R6

Dear Mr. Brandt:

Enclosed you will find a hard copy of our Annual Reports for 2018 as well as the Annual Fees for the five Flood Control projects and our two Conservation Easements.

Should you have any questions, please don't hesitate to contact me at 909-208-7848.

Best Regards,

A handwritten signature in black ink, appearing to read "Rose Corona", written over the printed name.

Rose Corona

President

TEAM RCD

P.O. Box 2078 ♦ Temecula, CA 92593-2078

Ph: 951-387-8992 ♦ www.TEAMRCD.org



December 19, 2018

Jeff Brandt
Habitat Conservation
California Department of Fish and Wildlife
3602 Inland Empire Blvd., Suite C-220
Ontario, CA 91764

Re: Annual Reports 2018: Conservation Easements: Permit No. 1600-2012-0014-R6

Dear Mr. Brandt:

Per terms of our Lake or Streambed Alteration Agreement Permit No. 1600-2012-0014-R6 we are providing this report on the Temecula Elsinore Anza Murrieta Resource Conservation District permitted projects covering the period of January 1, 2018 through December 31, 2018 based on existing files in our offices and all available information that has been provided to our Board.

If you have any questions regarding these reports, please contact myself at rose.corona@teamrkd.org and/or Brian Brady or James Law of Santa Ana Watershed Association at bbrady@sawatershed.org, jlaw@sawatershed.org. You may also contact Rick Neugebauer, one of our Associate Directors at rick.neugebauer@teamrkd.org. He has been the lead person on these projects. You are always welcome to call me at 909-208-7848.

Sincerely,

A handwritten signature in black ink, appearing to read "Rose Corona", written over a light blue circular stamp.

Rose Corona
President, TEAM RCD

Attachments: TEAM RCD 2018 Annual Report

CC: Ward Simmons-District Counsel

P.O. Box 2078 ♦ Temecula, CA 92593-2078
Ph: 951-387-8992 ♦ www.TEAMRCD.org

**TEMECULA-ELSINORE-ANZA-MURRIETA
RESOURCE CONSERVATION DISTRICT**

2018 ANNUAL REPORT

**1600 MITIGATION PROJECT AND FIELD
ACTIVITIES**

**PREPARED FOR
CALIFORNIA DEPARTMENT OF
FISH AND WILDLIFE**

TABLE OF CONTENTS
TEAM RCD
CALIFORNIA FISH AND WILDLIFE
2018 ANNUAL REPORTS

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INTRODUCTION

SECTION 1

INTRODUCTION

TEMECULA-ELSINORE-ANZA-MURRIETA RESOURCE CONVERSATION DISTRICT

About Us

The Temecula-Elsinore-Anza-Murrieta Resource Conversation District's territory includes 505,000 acres or approximately 789 square miles, extending south from Scott Road to the San Diego County line and from east of Anza west to the Orange County line. It also includes a loop around the north of Lake Elsinore. RCD neighbors are San Jacinto Basin RCD and Riverside Corona RCD in Riverside County and Mission RCD in San Diego County. TEAM RCD was created in 1949 to service the community and surrounding areas.

Conservation districts began to form following federal enabling legislation in the late 1930s. In response to the terrible dust bowl of that period, the Federal Natural Resource Conservation Service (NRCS, then called the Soil Conservation Service) was formed. It realized that for the NRCS to function effectively local state districts were needed as a bridge to the public. So the RCDs were formed across the nation and continue to cooperate closely with the NRCS.

Mission Statement

TEAM RCD promotes conservation practices of natural resources, opportunities for public education and participation, and a sustainable quality of life for the communities within the District.

What We Do

Mitigation: We accept many forms of mitigation to allow projects in our District to run smoothly through the permitting process, yet fit into our goal of sustainable and healthy environment for the communities. For mitigation contact Rose Corona at rose.corona@teamrkd.org.

Public Outreach: Hosting Earth Day event, assisting in an presenting community education programs and networking with various non-profit and governmental agencies makes our connection with the residents of our District grow.

Partners: By attending meetings, workshops and conferences we continually keep connected with ongoing efforts to protect and evaluate the watersheds (Santa Margarita, San Jacinto and San Mateo Rivers) in our District. Affiliating with other groups and agencies allows us to work more efficiently and partner where we can.

2018 ANNUAL REPORTS

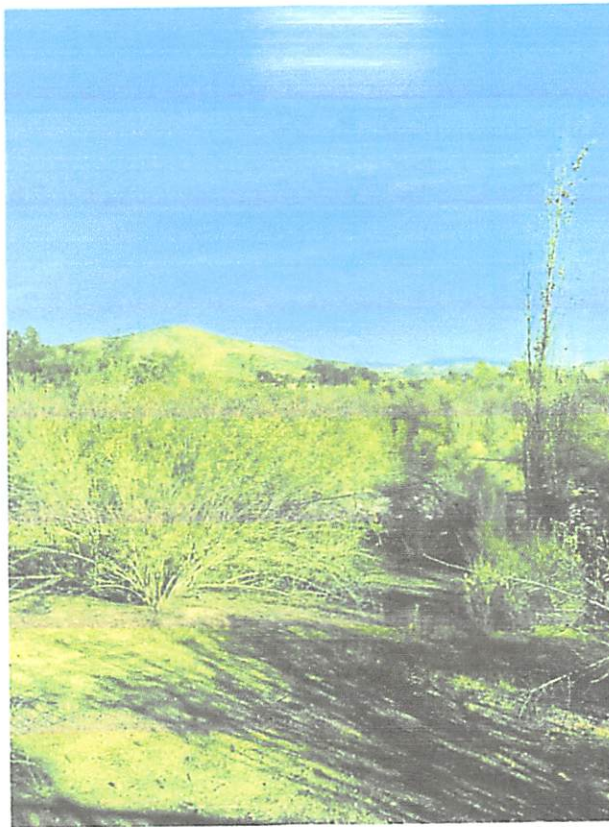
Adeline Farms # 2010-0054419

Section 2

Adeline Farms
2018 Annual Monitoring Report
In Support of Conservation Easement # 2010-0054419
Recorded: 02/05/2010

Prepared by
Santa Ana Watershed Association

Prepared for
Temecula-Elsinore-Anza-Murrieta Resource Conservation District



December 2018



INTRODUCTION

The Adeline Farms Conservation Easement (CE) is located in the City of Winchester, Riverside County, west of Lake Skinner dam. The site is rectangular in shape and lies north of Benton Road, south of Shrimp Lane, west of Washington Street, and east of Pourroy Road.

The Conservation Easement provides mitigation for certain impacts of the project by the Grantor (Shea Homes Limited Partnership) pursuant to the requirements of the (1) California Department of Fish and Wildlife (CDFW) Streambed Alteration Agreement (1600-2003-5039-R6), (2) U.S. Army Corps of Engineers (ACOE) Section 404 Permit No. 200301453-JPL, (3) the Section 401 Water Quality Certification File No. 03C-099 and (4) the Formal Section 7 Concurrence for the Stephens' kangaroo rat (*Dipodomys stephensi*).

The Temecula-Elsinore-Anza-Murrieta Resource Conservation District (TEAMRCD) has taken the authority as the Grantee of the Conservation Easement (CE) for the project, and is responsible for ensuring that the property contained within the CE be preserved in its natural condition and retains the conservation value that was defined. As noted in Section 1 of the CE under "COVENANTS, TERMS, CONDITIONS AND RESTRICTIONS", the purpose of the CE is to "ensure the Property will be retained forever in a natural condition and to prevent any use of the Property that will impair or interfere with the conservation values of the Property. Grantor intends that this Conservation Easement will confine the use of the Property to such activities, including without limitation, those involving the preservation and enhancement of native species and their habitat in a manner consistent with the habitat purposes of this Conservation Easement."

To ensure the Conservation Values are retained as defined by the CE and that the Grantor or its agents has not engaged in Prohibited Uses as defined in Section 3 of the CE, the TEAMRCD contracted the Santa Ana Watershed Association (SAWA) to perform annual monitoring of the property. SAWA biologists Nicole Housel (Biologist II) and Beata Dale (TEAMRCD volunteer) conducted the annual site visit on May 15, 2018 to document the condition of the easement area and to determine whether or not the conditions as outlined in the CE are being followed. No field measurements were taken nor cover estimates made for vegetation, as this is not part of the monitoring provisions of the CE.

OBSERVED CONDITIONS

Photo Documentation: A series of photos were taken (see below) along the entire easement from various access points. See Map 1 for locations and Table 1 for a list of photo points containing GPS coordinates and the direction in which the photos were taken.

The following contains a summary of relevant findings within some portions of the Conservation Easement.

- 1) Numerous dead cottonwood trees (*Populus* sp.) along the entire easement (Photo Point AF2).

- 2) Non-native plant species observed in the easement area: Tamarisk (*Tamarix ramosissima*), Pampas grass (*Cortaderia selloana*), Eucalyptus sp., yellow star-thistle (*Centaurea solstitialis*), and Peruvian pepper tree (*Schinus molle*).
- 3) Debris (brush) pile-up and old irrigation boxes, most likely left by landscapers (see photo, page 7).
- 4) Numerous areas throughout the easement were either devoid of vegetation or contained only sparse vegetation (see photo, page 8).
- 5) Furniture dumped within the easement (see photo, page 8).

FOLLOW-UP ACTIONS

Recommended actions include:

- a) Control non-native species;
- b) Debris piles and refuse should be removed regularly;
- c) Planting of native species in bare areas.

Map 1. Location of Adeline Farms Conservation Easement Photo Points

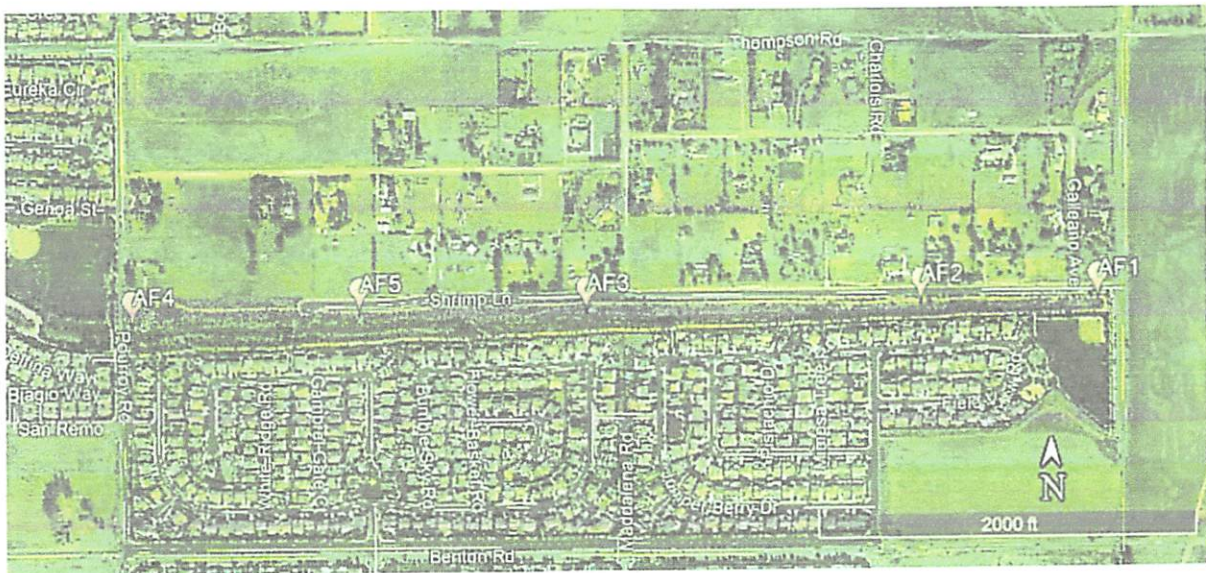


Table 1. Adeline Farms Conservation Easement Photo Point Coordinates and Bearings

Photo Point #	Direction	Coordinates (WGS84)
AF1	107°	492194 E, 3717193 N
AF2	236°	491908 E, 3717187 N
AF3	245°	491369 E, 3717176 N
AF4	290°	490637 E, 3717159 N
AF5	141°	491002 E, 3717177 N

Adeline Farms Conservation Easement Photo Points (PP)

Photo Point AF1: die-off and re-sprouts of mulefat along eastern end of the easement. Photos taken 12/15/2017 (left) by SAWA and 5/15/18 (right) by Beata Dale.

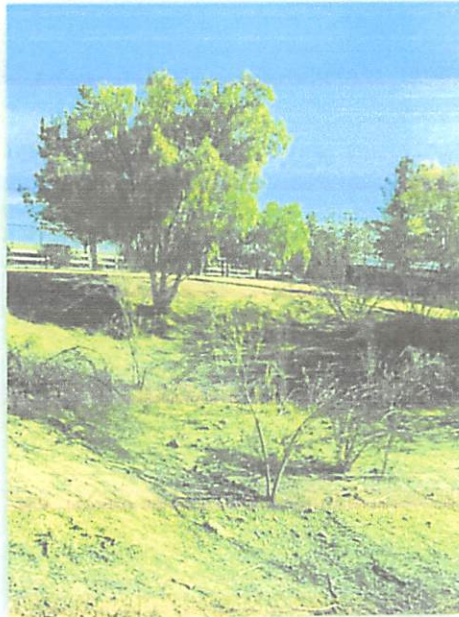


Photo Point AF2: North edge of easement area, looking west. Photos taken 12/15/2017 (left) by SAWA and 5/15/18 (right) by Beata Dale.



Photo Point AF3: North edge of easement area, looking west. Photos taken 12/15/2017 (left) by SAWA and 5/15/18 (right) by Beata Dale.



Photo Point AF4: Looking upstream near Pourroy Rd. Photos taken 12/15/2017 (left) by SAWA and 5/15/18 (right) by Beata Dale.

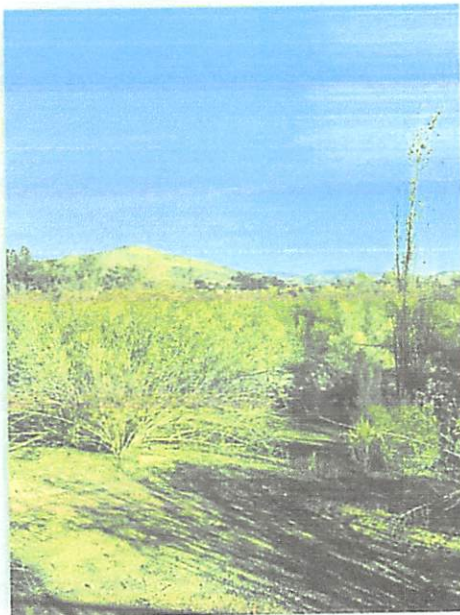
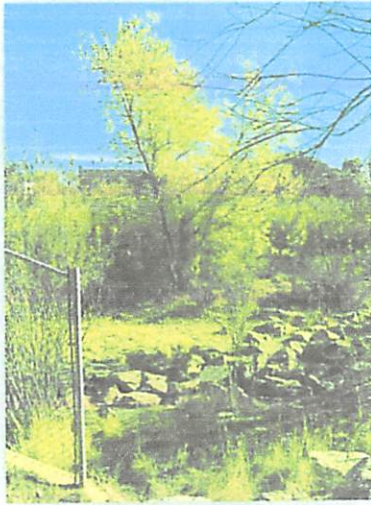


Photo Point AF5: new photo point between AF3 and AF4; Photo taken looking to the southeast on 12/15/2017 by SAWA and 5/15/18 (right) by Beata Dale.



Brush pile located in the easement, near the west end of Shrimp Lane. Photo taken 12/15/2017 by SAWA, noted again on 5/15/2018.



Portions of the easement are devoid of vegetation or contained sparse vegetation.

Photo taken looking west at 491614 E, 3717193 N on 12/15/2017 by SAWA, noted again on 5/15/2018.



Chair dumped on easement. Photo taken looking south at 491682 E, 3717179 N on 5/15/2018 by SAWA.

Greer Ranch # 2009-051527

Section 3

Greer Ranch
2018 Annual Monitoring Report
In Support of Conservation Easement #: 2009-051527
Recorded: 03/27/2009

Prepared by
Santa Ana Watershed Association

Prepared for
Temecula-Elsinore-Anza-Murrieta Resource Conservation District



December 2018



INTRODUCTION

Greer Ranch (the "Project") is located in the City of Murrieta, western Riverside County, California (Sections 32 and 33, Range West, Township 6 South, USGS Murrieta quadrangle). Pursuant to requirements of the (1) U.S. Army Corps of Engineers (ACOE) Section 404 Permit No. 200000122 and amendments thereto, (2) the ACOE's Section 404 Permit No. 200101313 and amendments thereto and (3) the U.S. Fish and Wildlife Service's Biological Opinion No. FWS-WRIV-3059.1, approximately 267.98 acres of natural areas were established to mitigate for certain impacts of the Project by the Grantor (Lennar Greer Ranch Venture, LLC).

The Temecula-Elsinore-Anza-Murrieta Resource Conservation District (TEAMRCD) has taken the authority as the Grantee of the Conservation Easement (CE) for the Project, and is responsible for ensuring that the property contained within the CE be preserved in its natural condition and retains the conservation value that was defined. As noted in the CE under "COVENANTS, TERMS, CONDITIONS AND RESTRICTIONS" Section 1(a), the purpose of the CE is "to ensure the Property will be preserved in a Natural Condition, as defined herein, in perpetuity, for gnatcatcher, vireo, and other wildlife conservation, and to prevent, subject to the duties and rights retained by Grantor hereunder, any other use of the Property that will impair or interfere with the Conservation Values of the Property, as long as such uses or restrictions are consistent with the maintenance and management activities associated with the detention basins, brow ditches, rip-rap, and drain inlets shown on Exhibit E attached hereto and are consistent with the concepts contained in this Section 1(a)."

To ensure the Conservation Values are retained as defined by the CE and that the Grantor or its agents has not engaged in Prohibited Uses as defined in Section 3 of the CE, the TEAMRCD contracted the Santa Ana Watershed Association (SAWA) to perform annual monitoring of the property. One quarterly site visit was performed by Beata Dale (TEAMRCD) and Nicole Housel (SAWA) on May 15, 2018. SAWA biologists Nicole Housel (Biologist II) and Patience Falatek (Biologist II) conducted a site visit on September 27 and November 27, 2018 to document the condition of the easement areas and to determine whether or not the conditions as outlined in the CE are being followed. No field measurements were taken nor cover estimates made for vegetation, as this is not part of the monitoring provisions of the CE.

OBSERVED CONDITIONS

Photo Documentation: A series of photos were taken (see below) along the entire easement from various access points. See Map 1 for locations and Table 1 for a list of photo points containing GPS coordinates and the direction in which the photos were taken.

The following contains a summary of relevant findings within some portions of the Conservation Easement.

Downstream of Crabapple Street:

- 1) Possible blockage in culvert at downstream end of easement, after spillway (Photo Point GR1; see photos, page 6 and 7).
- 2) Non-native plant species observed in the easement area: Tree tobacco (*Nicotiana glauca*), Tamarisk (*Tamarix ramosissima*, see photo, page 7), Pampas grass (*Cortaderia* sp.), Palm sp., Yellow starthistle (*Centaurea solstitialis*), and Peruvian pepper tree (*Schinus molle*).
- 3) Pet exclusion fencing is missing or down along the western boundary of the easement (see photo, page 7).

Crabapple Street to Pumpkin Street:

- 1) Non-native plant species observed in the easement area: Peruvian pepper tree, Mustard (*Brassica* sp.), and Tamarisk.
- 2) Debris (brush) piles likely left by landscapers in the habitat (see photo, page 11).

Pumpkin Street to Bottlebrush Way:

- 1) Non-native plant species observed in the easement area: Pampas grass.

Easement area north of Intersection of Treefoil Street/Bent Grass Avenue:

- 1) No signs or other notifications saying "Natural Area Open Space," "Protected Natural Area," or similar descriptions.

Easement area at the west end of Bottlebursh Way:

- 1) Dead fig tree planted in the easement area (see photo, page 15).

Bottlebrush Way near Fern Pine Way:

- 1) Non-native plant species observed in the easement area: Tamarisk.
- 2) Grapevine encroaching on easement area from a neighboring yard (see photo, page 18).
- 3) Debris piles left by landscapers within the fenced easement area (see photo, page 19).
- 4) An accumulation of trash in the easement area (see photo, page 19).

Greer Road (from Pabesu Road to Nutmeg Street):

- 1) Non-native plant species observed in the easement area: Tree tobacco, Peruvian pepper tree, Tamarisk.**
- 2) Landscaping plants along the slope have begun to encroach into the riparian habitat.**
- 3) Oak trees dying within the conservation easement (see photos, page 28).**

FOLLOW-UP ACTIONS

Recommended actions include:

- a) Non-native species should also be removed or treated in the near future;**
- b) Debris piles and other refuse should be removed;**
- c) Culverts should be cleared of debris to allow water to drain downstream.**
- d) Dead oaks should be examined to determine cause of death and take further action as required to prevent additional deaths.**

Map 1. Location of Greer Ranch Photo Points.

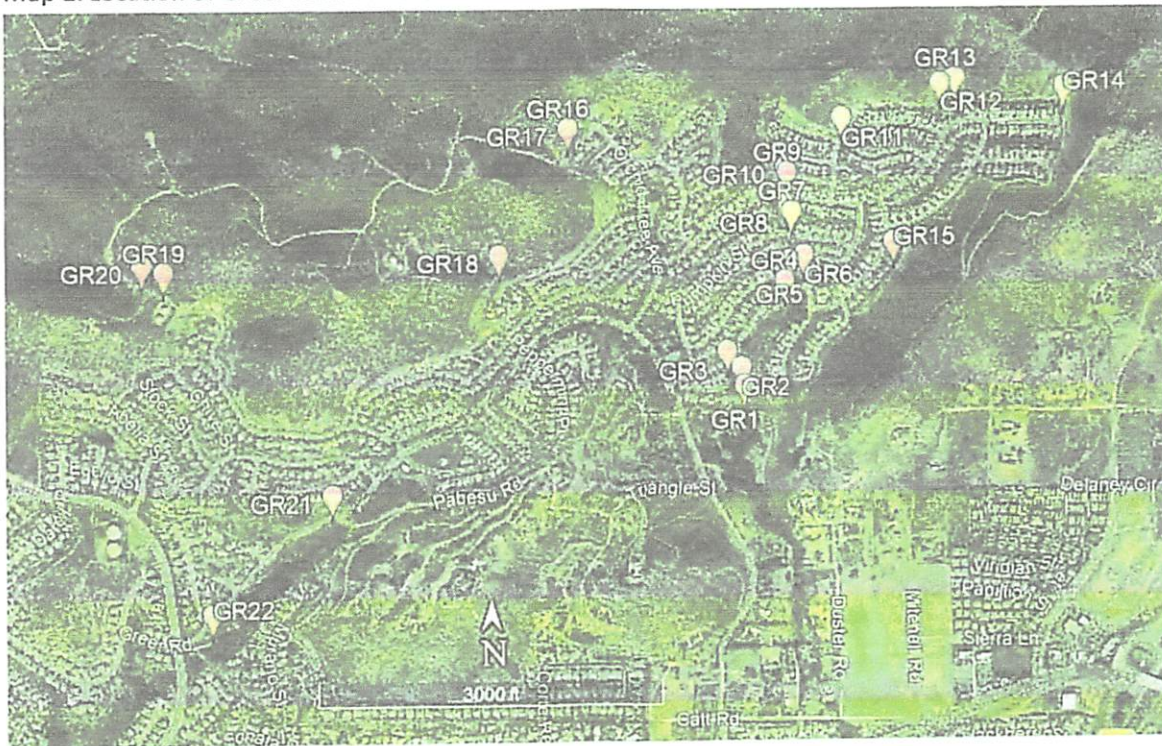


Table 1. Greer Ranch Conservation Easement Photo Points.

Photo Point #	Direction	Coordinates (WGS84)
GR1	354°	482726 E, 3718385 N
GR2	346°	482717 E, 3718431 N
GR3	35°	482680 E, 3718474 N
GR4	207°	482833 E, 3718657 N
GR5	0°	482845 E, 3718710 N
GR6	314°	482885 E, 3718723 N
GR7	170°	482854 E, 3718837 N
GR8	330°	482843 E, 3718857 N
GR9	187°	482841 E, 3718938 N
GR10	306°	482835 E, 3718951 N
GR11	338°	482987 E, 3719077 N
GR12	77°	483248 E, 3719165 N
GR13	226°	483287 E, 3719179 N
GR14	128°	483574 E, 3719153 N
GR15	72°	483121 E, 3718756 N
GR16	89°	482263 E, 3719053 N
GR17	254°	482263 E, 3719053 N
GR18	355°	482077 E, 3718727 N
GR19	243°	481190 E, 3718690 N
GR20	283°	481133 E, 3718708 N
GR21	203°	481633 E, 3718109 N
GR22	53°	481313 E, 3717804 N

Photo Points (PP) of Greer Ranch Conservation Easement Areas

Photo Point GR1: Downstream of Crabapple St., below spillway. Water is not draining due to blocked metal culverts. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.



Photo Point GR1: Water is still not draining due to blocked metal culverts, and smells of dead and decaying vegetation. Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.





Additional photograph showing inundation near photo point GR1. Excessive water is causing native plant die-off and foul odor due to decaying matter.



Additional photograph showing a large tamarisk tree (non-native plant) near photo point GR1.



Additional photograph showing incomplete pet-exclusion fencing.

Photo Point GR2: Downstream of Crabapple St. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.



Photo Point GR2: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.



Photo Point GR3: Downstream of Crabapple St. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.

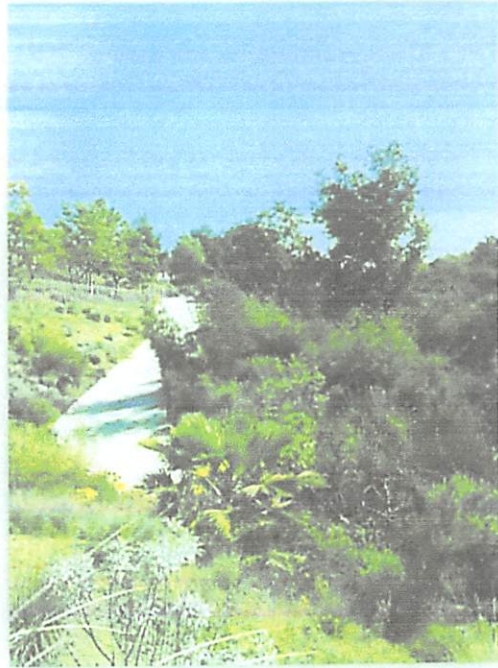
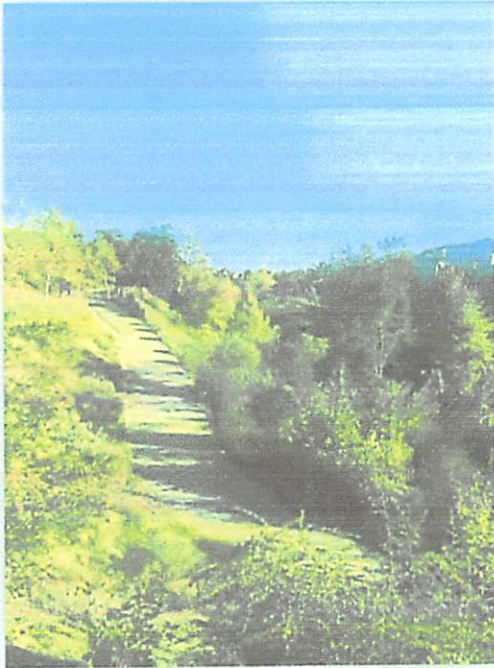


Photo Point GR3: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.



Photo Point GR4: Downstream of Crabapple St. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.

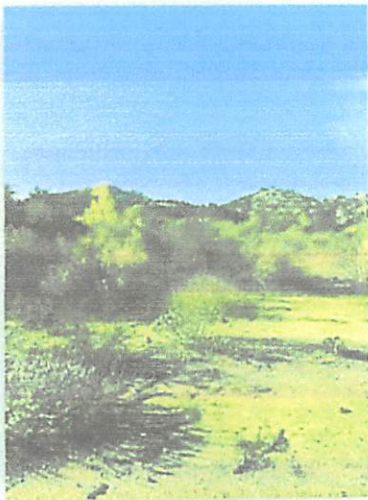


Photo Point GR4: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.

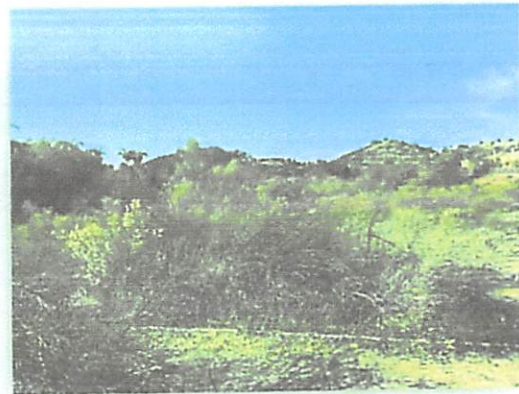
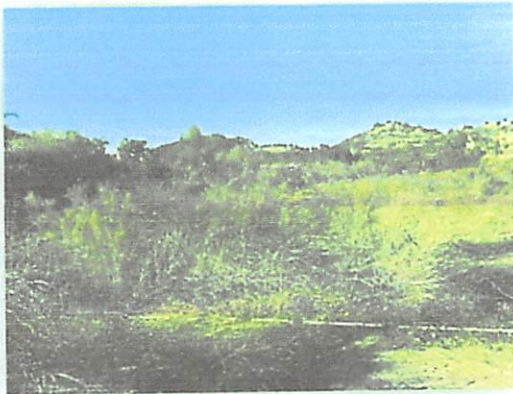


Photo Point GR5: Crabapple St. looking toward Pumpkin St. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.



Photo Point GR5: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.



Additional photograph showing brush piled in conservation easement.

Photo Point GR6: Crabapple St. looking toward Pumpkin St. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.

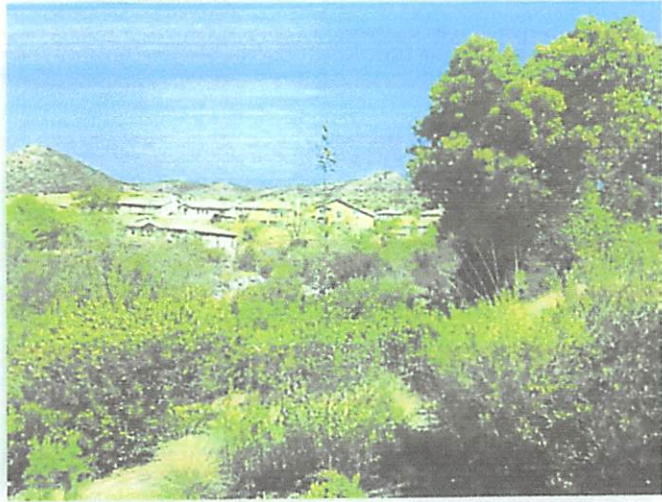


Photo Point GR6: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.



Photo Point GR7: Pumpkin St. looking toward Crabapple St. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.



Photo Point GR7: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.



Photo Point GR8: Looking toward Bottlebrush Way. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.

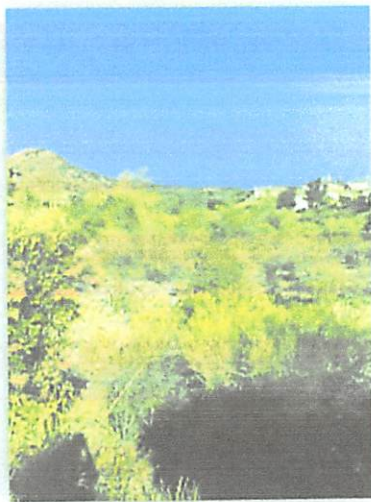


Photo Point GR8: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.

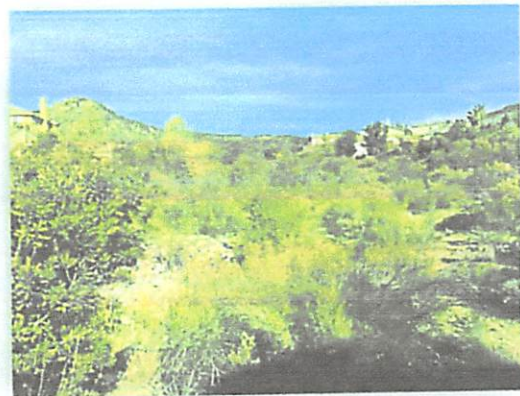
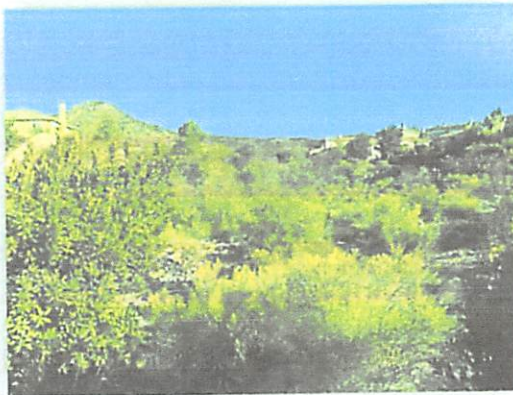


Photo Point GR9: Bottlebrush Way looking toward Pumpkin St. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.

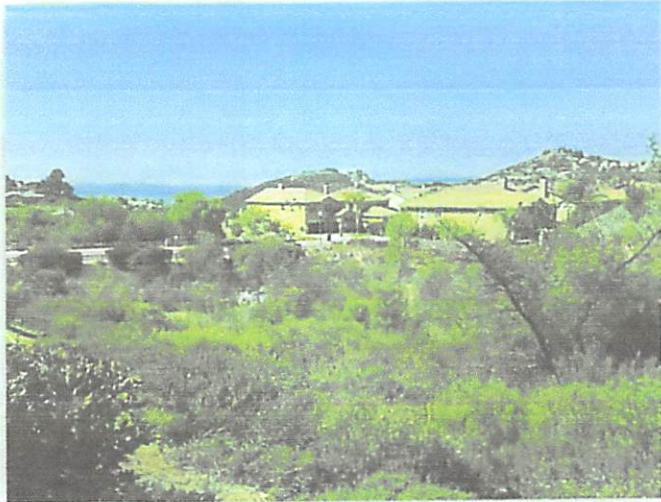
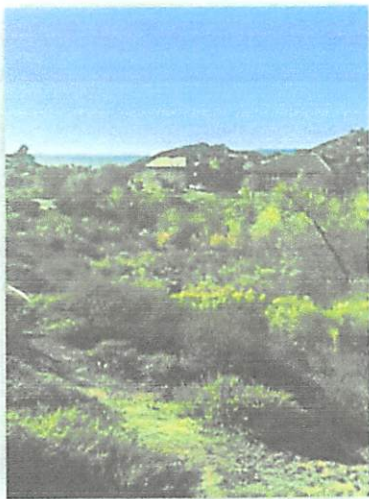
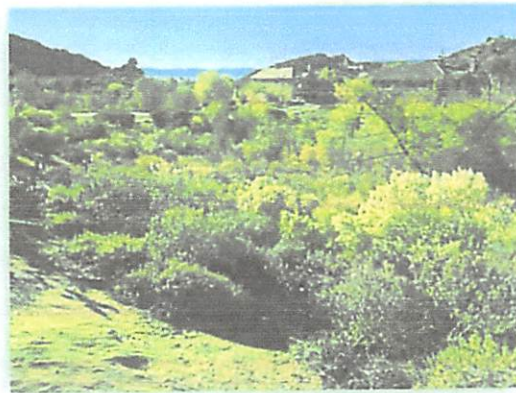
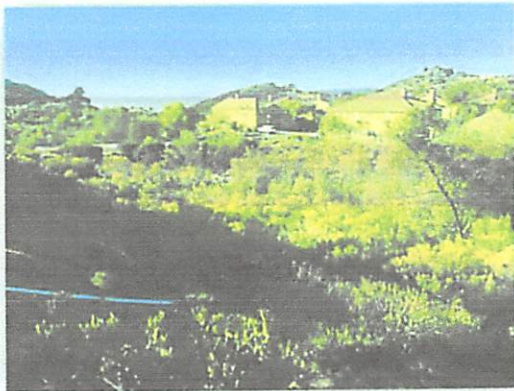


Photo Point GR9: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.



Additional photograph showing dead fig tree (non-native) planted within the conservation easement.

Photo Point GR10: Bottlebrush Way looking north. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.

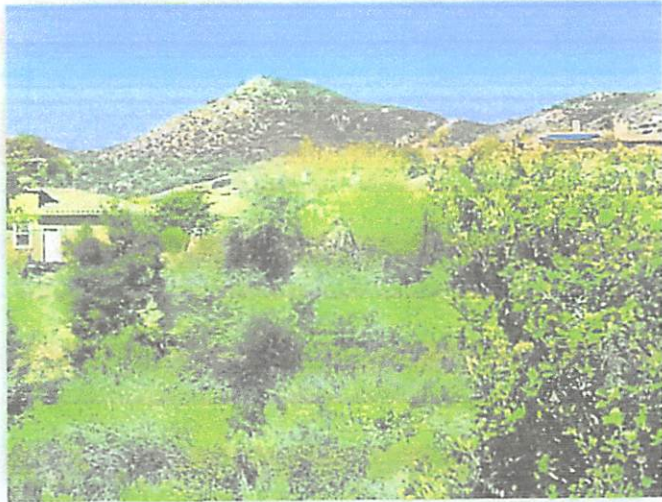
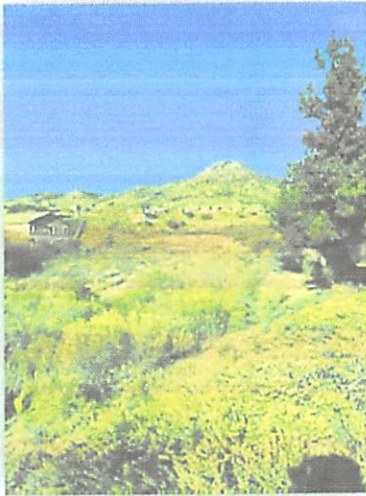


Photo Point GR10: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.

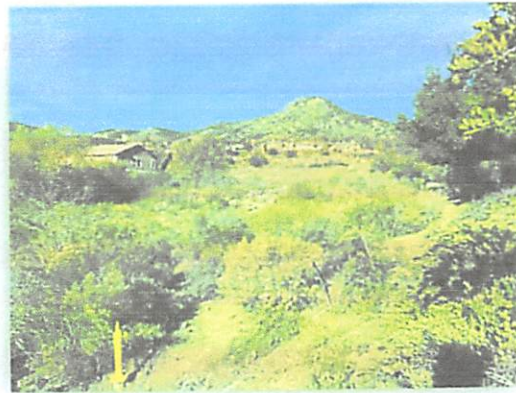


Photo Point GR 11: Easement area north of intersection of Treefoil St. and Bent Grass Ave. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.



Photo Point GR11: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.



Photo Point GR12: Bottlebrush Way near Fern Pine Way. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.



Photo Point GR12: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.



Additional photograph showing grapevine growing onto gate into easement area from a neighboring yard.



Additional photograph showing landscaping debris left inside fenced easement area.



Additional photograph showing an accumulation of trash within the easement area.

Photo Point GR13: Bottlebrush Way near Fern Pine Way. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.

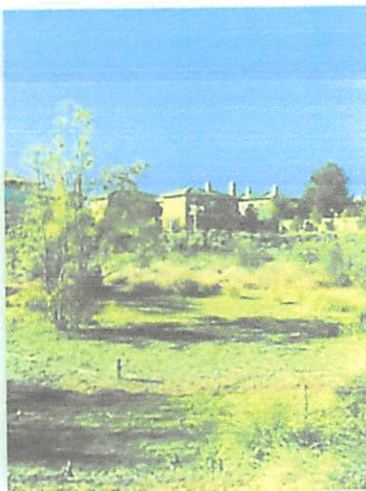


Photo Point GR13: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.



Photo Point GR14: Eastern portion of conservation easement, off Bottlebrush Way. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.



Photo Point GR14: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.



Photo Point GR15: Eastern portion of conservation easement, off Sumac Ave. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.



Photo Point GR15: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.



Photo Point GR16: Near Orchid Tree Ave., looking at eastern portion of conservation easement. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.

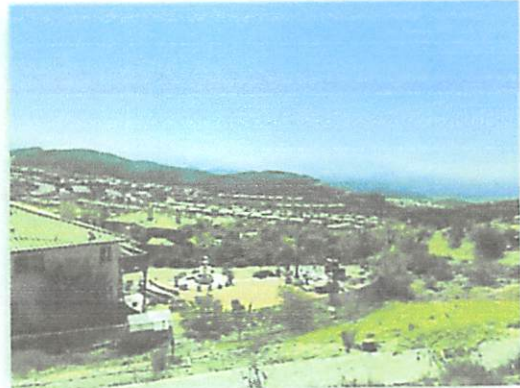
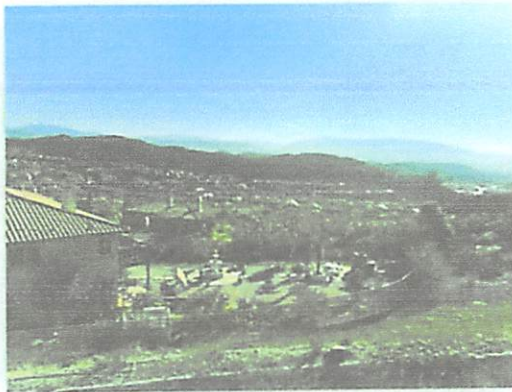


Photo Point GR16: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.

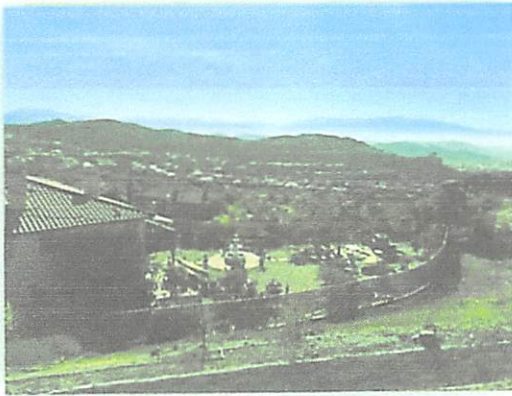


Photo Point GR17: Near Orchid Tree Ave., looking north. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.



Photo Point GR17: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.



Photo Point GR18: Golden Cup Ct, looking north. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.

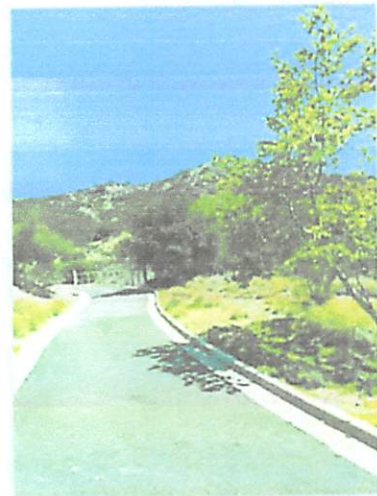
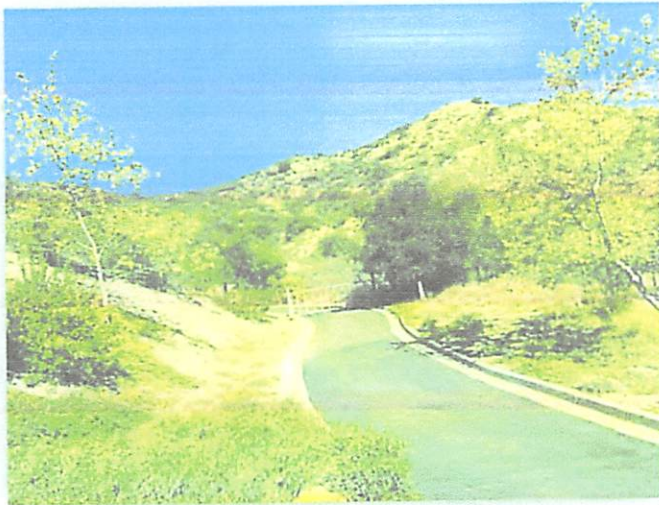


Photo Point GR18: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.

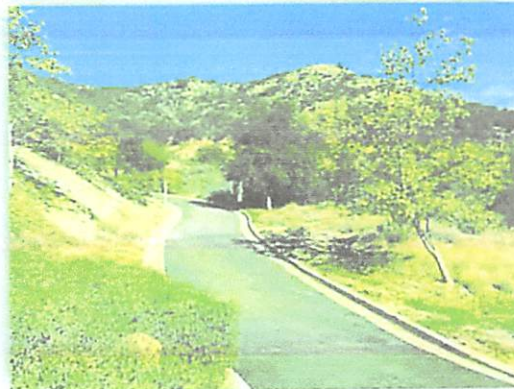


Photo Point GR19: Evandel Rd. near Iceplant Ln. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.



Photo Point GR19: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.



Photo Point GR20: Evandel Rd., near Iceplant Ln. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.

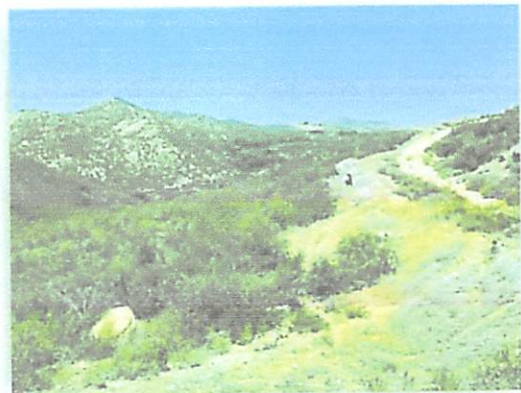
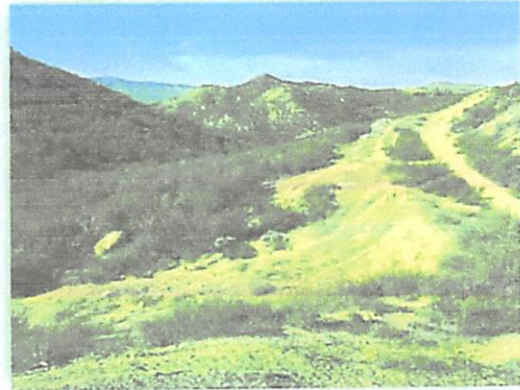
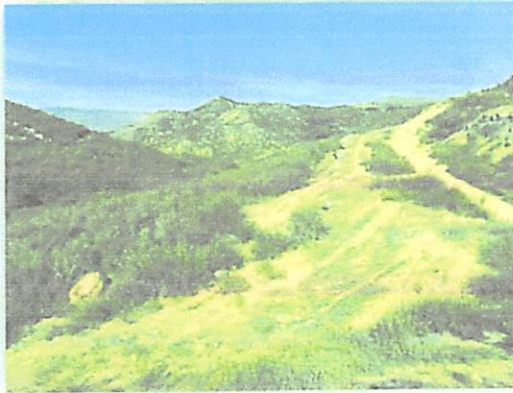


Photo Point GR20: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.



Additional photograph showing faded sign.

Photo Point GR21: Greer Rd., near intersection with Pabesu Rd. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.



Photo Point GR21: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.



Additional photographs showing dead oak trees within the conservation easement.



Photo Point GR22: Greer Road, near intersection with Nutmeg St. Photos taken 12/15/2017 (left) by SAWA and 5/15/2018 (right) by Beata Dale.

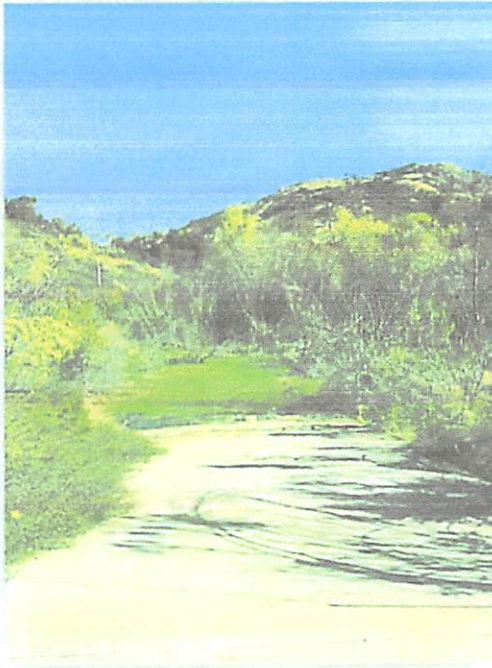


Photo Point GR22: Photos taken 9/27/18 (left) and 11/27/18 (right) by SAWA.



Palomar-Corydan Channels

Section 4

TEAM RCD – RIVERSIDE FLOOD FACILITIES

PROJECT BACKGROUND

SAWA has conducted site assessments at the 11 project locations and below are the current site conditions and recommendations for treatments.

PROJECT ACTIVITIES AND NON-NATIVE REMOVAL

Palomar-Corydon Channels

Project Location: The Palomar-Corydon Channels site is located along a Riverside Flood Control drainage in the City of Lake Elsinore near the intersection of Palomar Street & Old Coach Road. The site is ~ 3.67 acres and has ~ 0.22 acres of salt cedar (*Tamarisk ssp.*) mixed throughout the site.

Enhancement Activities: During this reporting period, herbicide treatments occurred on 11-01-2018. The species treated was salt cedar (*Tamarisk ssp.*). A cut-stump treatment was utilized for this project. A total of 93.75 hours were spent on enhancement activities.

The methods used for removal: All herbicide treatments were conducted using a cut-stump treatment method using 50-ounce spray bottles. A total of 128 ounces of Garlon 3A, 26 ounces of Garlon 4 Ultra, and 154 ounces of Competitor were used during this reporting period. These treatments were conducted by SAWA's Invasive Species Removal (ISR) crew.

The amount removed and/or treated: The total project acreage was 3.67 acres.

The frequency and timing of removal/treatment: Riverside County Flood hired SAWA as a contractor to specifically treat salt cedar (*Tamarisk ssp.*) in the project area. All treatments were conducted outside migratory bird season.

CURRENT CONDITIONS

Current Site Conditions: The dominant native species on-site were: 5-15% arroyo willow (*Salix lasiolepis*), 25-50% cattails (*Typha domingensis*), 1-5% mulefat (*Baccharis salicifolia*). The dominant non-native species located on-site were: 5-15% salt cedar (*Tamarisk ssp.*), 1-5% sow thistle (*Sonchus asper*), and 1-5% mustard (*Brassica ssp.*). See complete species and percent cover table below.

Wildlife Species: This project site has many common avian species and riparian birds including but not limited to: song sparrow (*Melodia melospiza*), house finch (*Haemorhous mexicanus*), Common Yellowthroat (*Geothlypis trichas*), Great Egret (*Ardea alba*), Red-winged Blackbird (*Agelaius phoeniceus*), Cooper's Hawk (*Accipiter cooperii*), Killdeer (*Charadrius vociferous*), Morning Dove

(Zenaida macroura), Costa's Hummingbird (*Calypte costae*), Black Phoebe (*Sayornis nigricans*) and American Crow (*Corvus brachyrhynchos*).

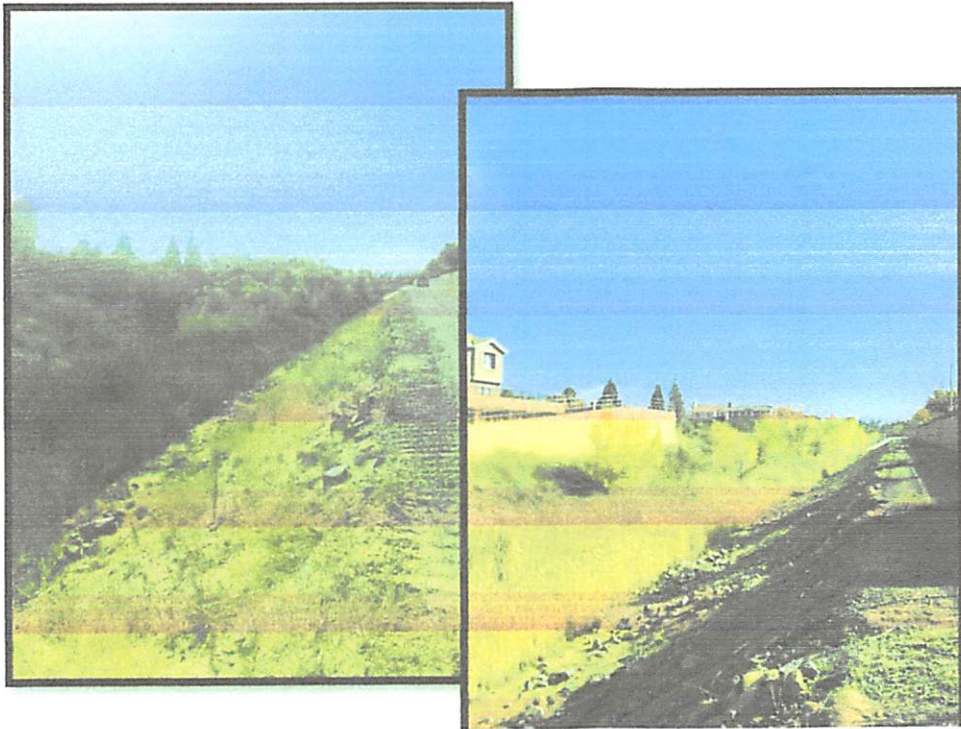
PHOTOS



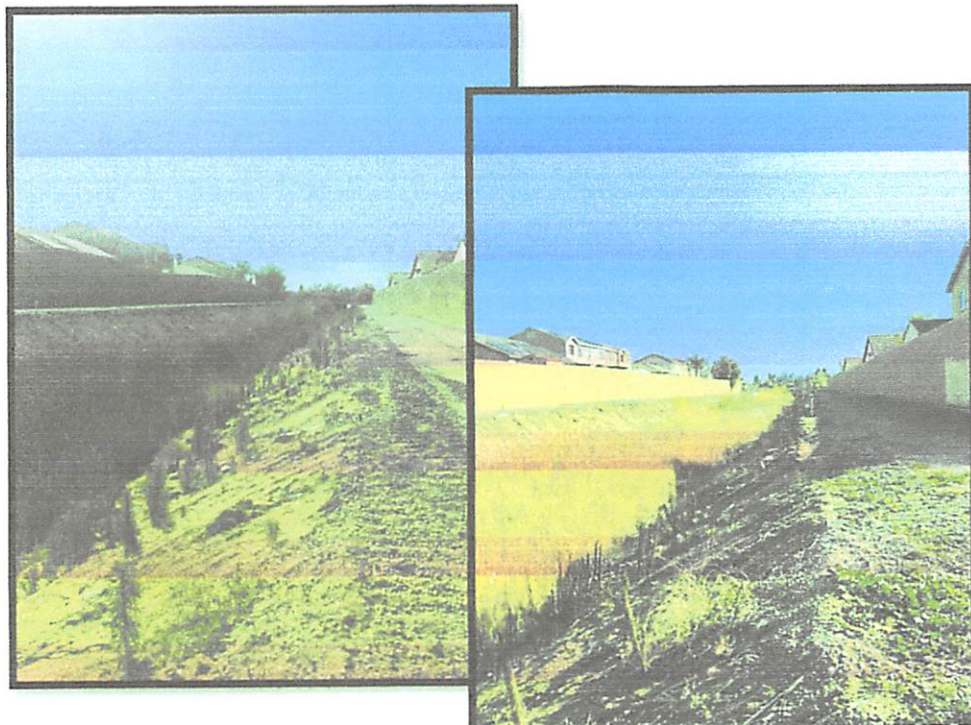
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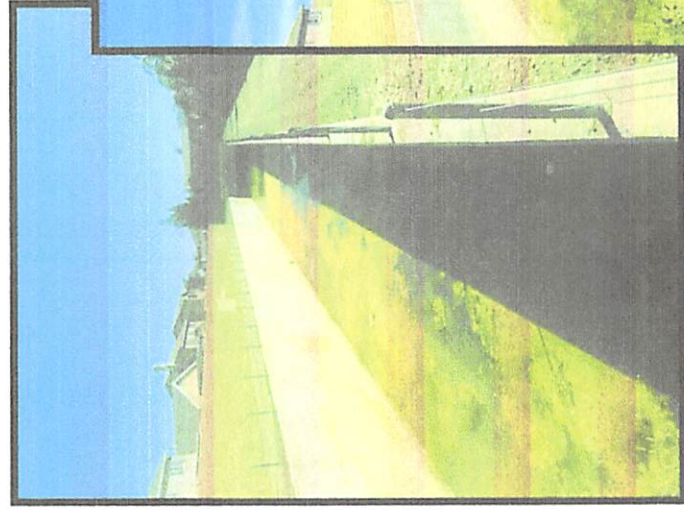
GPS Photo Point 2 – Heading 147 SE 471398, 3720429



GPS Photo Point 3 – Heading 255 W 471543, 3720249

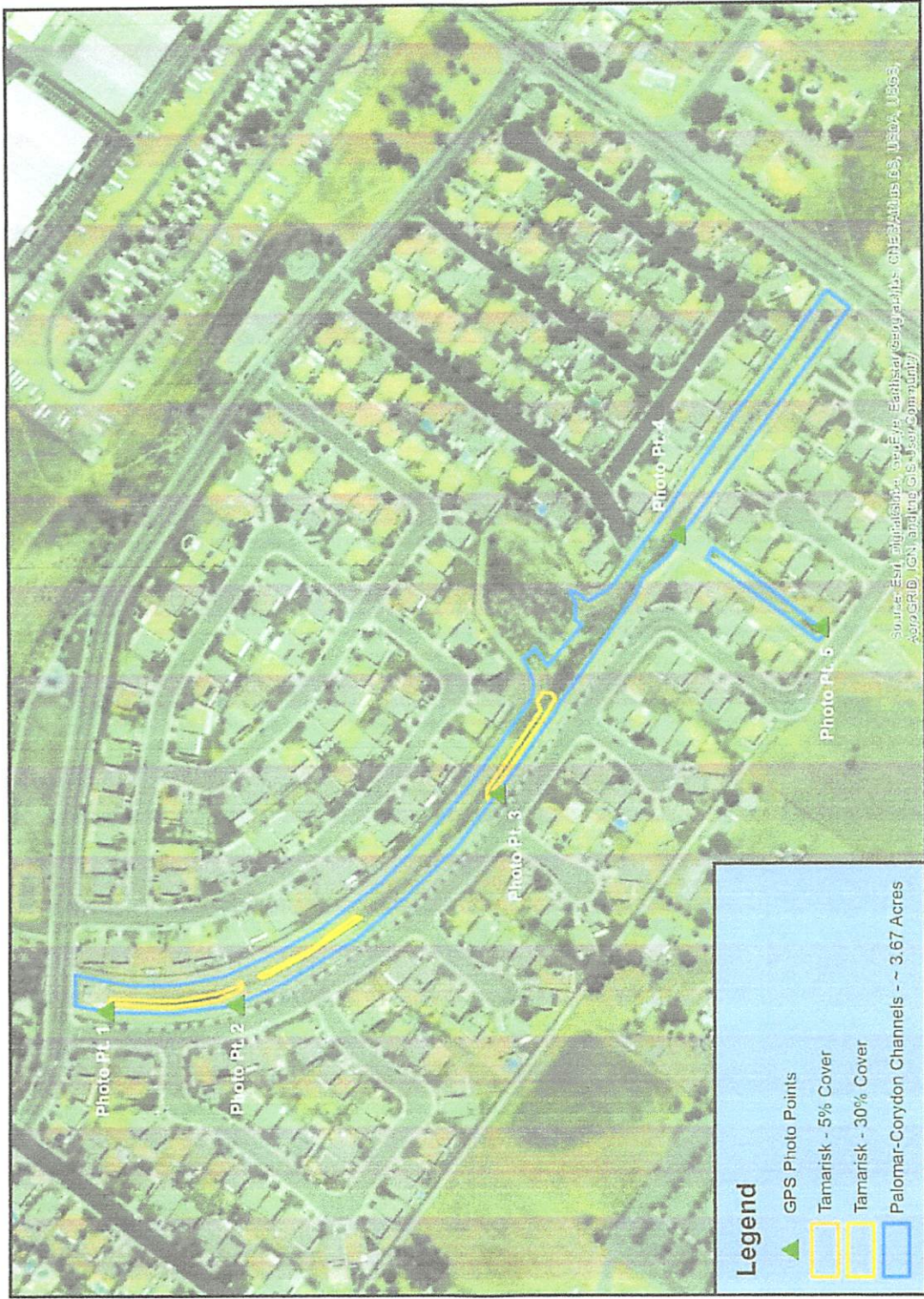


GPS Photo Point 4 – Heading 112 E 471717, 3720122



GPS Photo Point 5 – Heading 12 N 471654, 3720522

Palomar-Corydon Channels



**PALOMAR-CORYDON CHANNELS SPECIES & PERCENT COVER
TABLE**

Native Species (Common Name)	Native Species (Scientific Name)	% Cover	Non-Native Species (Common Name)	Non-Native Species (Scientific Name)	% Cover
Arrow weed	<i>Pluchea sericea</i>	1-5%	castorbean	<i>Ricinus communis</i>	<1%
arroyo willow	<i>Salix lasiolepis</i>	5-15%	Mouse barley	<i>Hordeum murinum</i>	<1%
Bulrush ssp.		1-5%	mustard ssp.	<i>Brassica ssp.</i>	1-5%
common cattail	<i>Typha latifolia</i>	25-50%	Russian thistle	<i>Salsola tragus</i>	<1%
hoary nettle	<i>Urtica dioica</i>	1-5%	saltcedar	<i>Tamarisk ssp.</i>	5-15%
jimsonweed	<i>Datura stramonium</i>	<1%	sow thistle	<i>Sanchus oleraceus</i>	1-5%
mulefat	<i>Baccharis salicifolia</i>	1-5%	tocolote	<i>Centaurea melitensis</i>	<1%
			tree tobacco	<i>Nicotiana glauca</i>	<1%

Helash Mitigation Site

Section 5

TEAM RCD – RIVERSIDE FLOOD FACILITIES

PROJECT BACKGROUND

SAWA has conducted site assessments at the 12 project locations and below are the current site conditions and recommendations for treatments.

PROJECT ACTIVITIES AND NON-NATIVE REMOVAL

Helash Mitigation Site

Project Location: The Helash mitigation site is located along a Riverside Flood Control drainage in the City of Wildomar near the intersection of Clinton Keith Road & Grand Avenue. SAWA mileage for this site is 651 miles in total. The site is ~ 10.95 acres and has ~ 0.55 acres of salt cedar (*Tamarisk ssp.*), ~ 0.63 acres of eucalyptus ssp. (*Eucalyptus ssp.*), ~ 0.17 acres of mustard/bull thistle (*Brassica ssp.* & *Cirsium vulgare*) and other invasive plant species mixed throughout the site.

Enhancement Activities: During this reporting period, herbicide treatments occurred on 11/05/2018, 11/06/2018, 11/07/2018, & 11/08/2018. The species treated were salt cedar (*Tamarisk ssp.*). A cut-stump treatment was utilized for this project. A total of 331.5 hours were spent on enhancement activities.

The methods used for removal: All herbicide treatments were conducted using a cut-stump treatment method using 50-ounce spray bottles. Other herbicide treatments were conducted using a foliar spray method using 4 gallon spray backpacks. A total of 461 ounces of Garlon 3A, 26 ounces of Garlon 4 Ultra, 487 ounces of competitor, 57 ounces of rodeo, 28 ounces of Agri-dex, & 14 ounces of Quest were used during this reporting period. These treatments were conducted by SAWA's Invasive Species Removal (ISR) crew.

The amount removed and/or treated: The total project acreage was 10.95 acres.

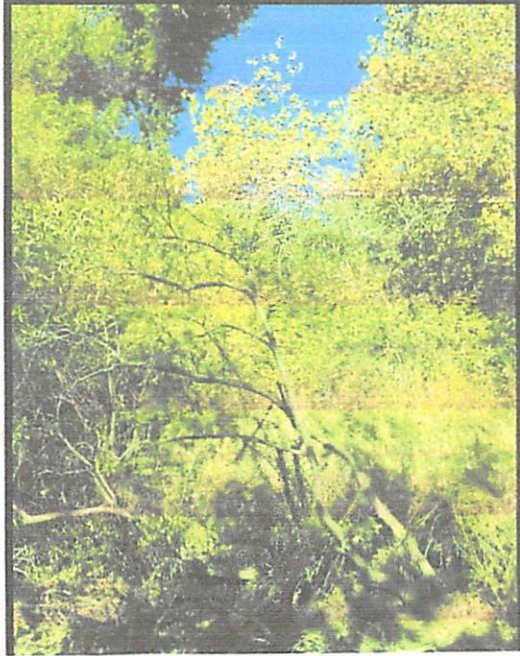
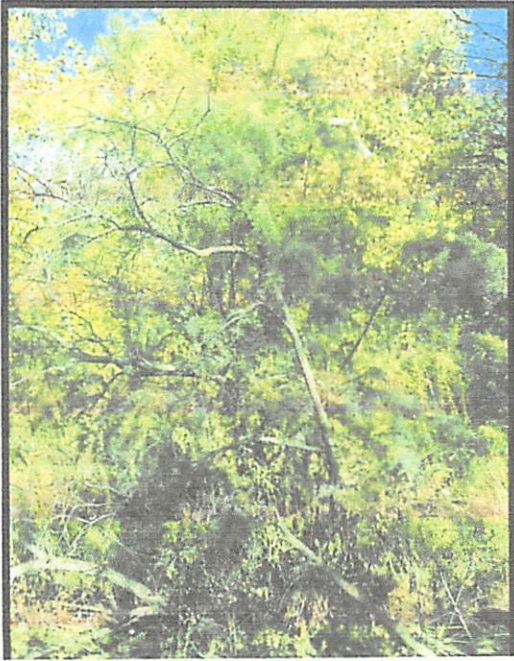
The frequency and timing of removal/treatment: Riverside Flood Control hired SAWA as a contractor to specifically treat salt cedar (*Tamarisk ssp.*). All treatments were conducted outside migratory bird season.

CURRENT CONDITIONS

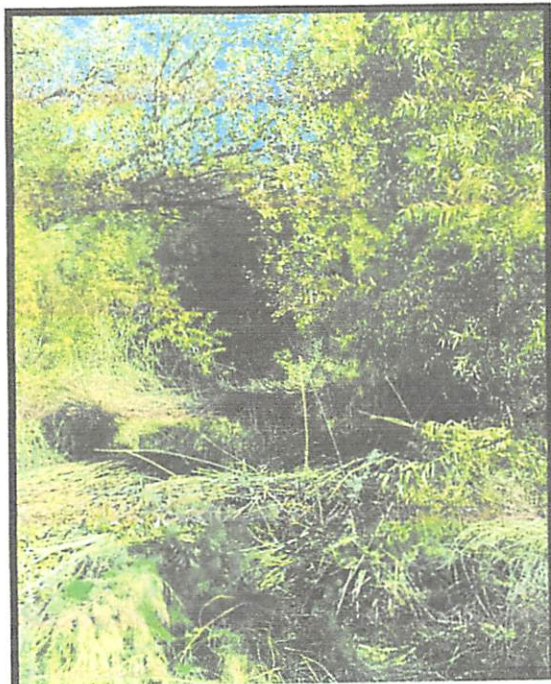
Current Site Conditions: The dominant native species on-site were: 1-5% Fremont cottonwood (*Populus fremontii*), 15-25% willow species (*Salix spp.*), 1-5% mulefat (*Baccharis salicifolia*). The dominant non-native species located on-site were: 1-5% salt cedar (*Tamarisk ssp.*), <1% Canary island date palm (*Phoenix canariensis*), 1-5% eucalyptus ssp. (*Eucalyptus ssp.*), <1% bull thistle (*Cirsium vulgare*) & 1-5% mustard ssp. (*Brassica ssp.*). See complete species and percent cover table below.

Wildlife Species: This project site has many common avian species and riparian birds including but not limited to: song sparrow (*Melodia melospiza*), spotted towhee (*Pipilo maculatus*), lesser goldfinch (*Spinus psaltria*), red-winged blackbird (*Agelaius phoeniceus*), morning dove (*Zenaidura macroura*), American crow (*Corvus brachyrhynchos*), bushtit (*Psaltiriparus minimus*), house finch (*Haemorrhous mexicanus*) and Least Bell's Vireo (*Vireo bellii pusillus*).

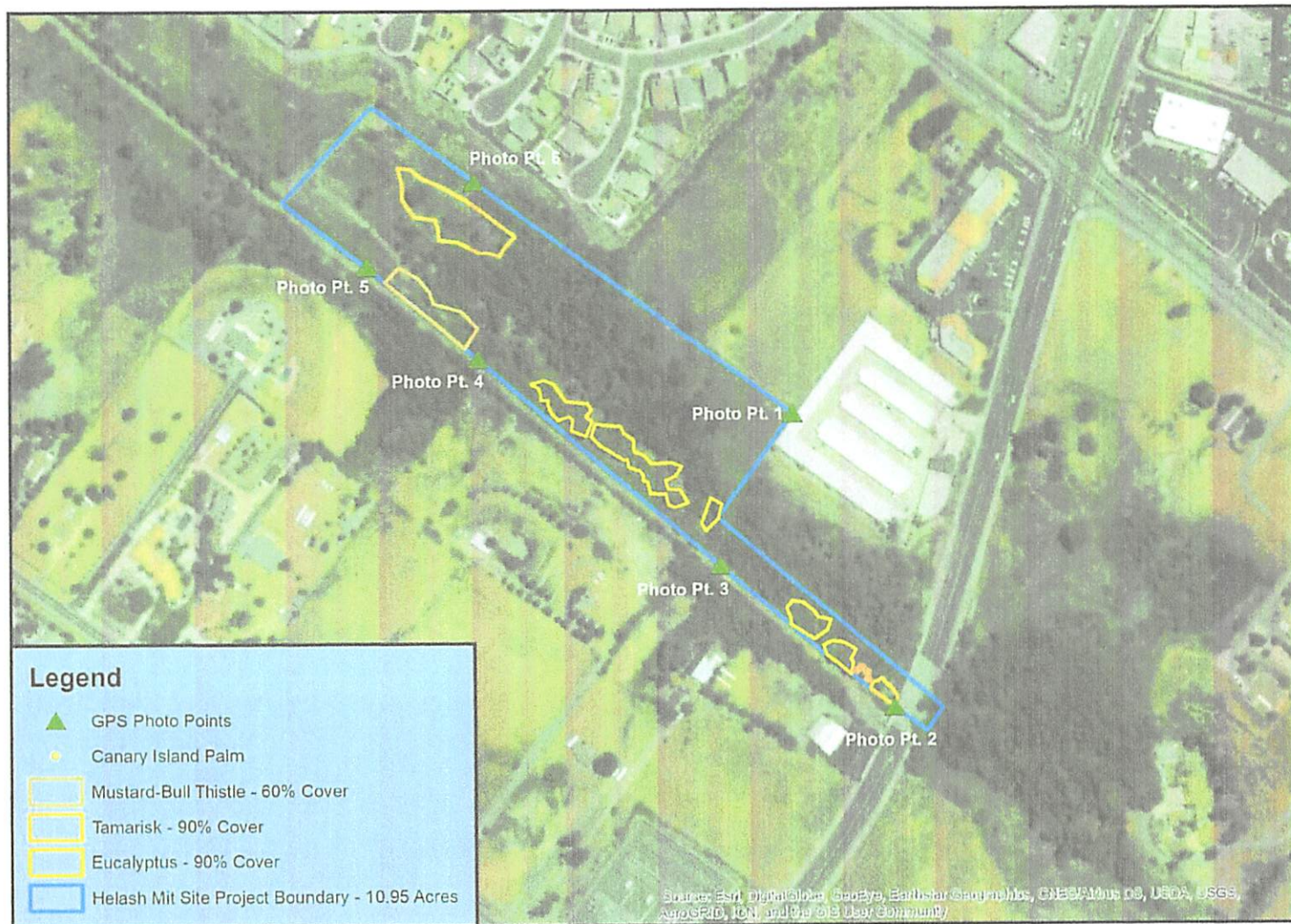
PHOTOS



Before and After.



Helash Mit Site



125 62.5 0 125 Meters

NAD 83
7-18-18 JL
Helash Mit Site
Map produced by SAWA

HELASH MITIGATION SITE SPECIES & PERCENT COVER TABLE

Native Species (Common Name)	Native Species (Scientific Name)	% Cover	Non-Native Species (Common Name)	Non-Native Species (Scientific Name)	% Cover
arroyo willow	<i>Salix lasiolepis</i>	5-15%	bull thistle	<i>Cirsium vulgare</i>	<1%
black elderberry	<i>Sambucus nigra</i>	<1%	common fig	<i>Ficus carica</i>	<1%
California buckwheat	<i>Eriogonum fasciculatum</i>	<1%	mouse barley	<i>Hordeum murinum</i>	1-5%
California bulrush	<i>Schoenoplectus californicus</i>	5-15%	mustard ssp.	<i>Brassica ssp.</i>	<1%
cocklebur	<i>Xanthium strumarium</i>	<1%	saltcedar	<i>Tamarisk ssp.</i>	1-5%
common cattail	<i>Typha latifolia</i>	1-5%	sow thistle	<i>Sanctus oleraceus</i>	<1%
common ragweed	<i>Ambrosia artemisiifolia</i>	<1%	tocolote	<i>Centaurea melitensis</i>	<1%
common sunflower	<i>Helianthus annuus</i>	<1%	white sweet clover	<i>Melilotus albus</i>	1-5%
evening prim rose	<i>Oenothera biennis</i>	<1%	wild lettuce	<i>Lactuca virosa</i>	<1%
fiddleneck	<i>Amsinckia menziesii</i>	<1%			
Fremont's cottonwood	<i>Populus fremontii</i>	1-5%			
hoary nettle	<i>Urtica dioica</i>	<1%			
jimsonweed	<i>Datura stramonium</i>	<1%			
mulefat	<i>Baccharis salicifolia</i>	5-15%			

Murrieta Creek Line F

Section 6

TEAM RCD – RIVERSIDE FLOOD FACILITIES

PROJECT BACKGROUND

SAWA has conducted site assessments at the 11 project locations and below are the current site conditions and recommendations for treatments.

PROJECT ACTIVITIES AND NON-NATIVE REMOVAL

Murrieta Creek Line F

Project Location: The Murrieta Creek Line F site is located along a Riverside Flood Control drainage in the City of Murrieta near the intersection of Kalmia St & Washington Ave. SAWA Mileage for this site is 147 miles. The site is ~ 1.12 acres and has ~ 0.07 acres of salt cedar (*Tamarisk ssp.*) mixed throughout the site.

Enhancement Activities: During this reporting period, herbicide treatments occurred on 12-11-2018. The species treated was salt cedar (*Tamarisk ssp.*). A cut-stump treatment was utilized for this project. A total of 32.75 hours were spent on enhancement activities.

The methods used for removal: All herbicide treatments were conducted using a cut-stump treatment method using 50-ounce spray bottles. A total of 26 ounces of Garlon 3A and 26 ounces of Competitor were used during this reporting period. These treatments were conducted by SAWA's Invasive Species Removal (ISR) crew.

The amount removed and/or treated: The total project acreage was 1.12 acres.

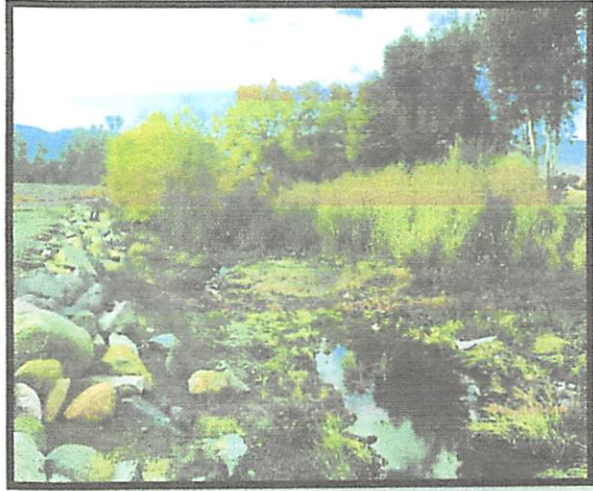
The frequency and timing of removal/treatment: Riverside County Flood hired SAWA as a contractor to specifically treat salt cedar (*Tamarisk ssp.*) in the project area. All treatments were conducted outside migratory bird season.

CURRENT CONDITIONS

Current Site Conditions: The dominant native species on-site were: 1-5% Fremont cottonwood (*Populus fremontii*), 5-15% willow species (*Salix spp.*), 1-5% cattails (*Typha domingensis*), 5-15% mulefat (*Baccharis salicifolia*). The dominant non-native species located on-site were: 5-15% salt cedar (*Tamarisk ssp.*), 1-5% blue gum eucalyptus (*Eucalyptus globulus*) and 1-5% mustard (*Brassica ssp.*). See complete species and percent cover table below.

Wildlife Species: This project site has many common avian species and riparian birds including but not limited to: song sparrow (*Melodia melospiza*), bushtit (*Psaltiriparus minimus*), house finch (*Haemorhous mexicanus*), Red-tailed hawk (*Buteo jamaicensis*), Western Kingbird (*Tyrannus verticalis*), Spotted Towhee (*Pipilo maculatus*), Lesser Goldfinch (*Spinus psaltria*), Common Yellowthroat (*Geothlypis trichas*), Brown-headed Cowbird (*Molothrus ater*) and Willow Flycatcher (*Empidonax traillii*).

PHOTOS



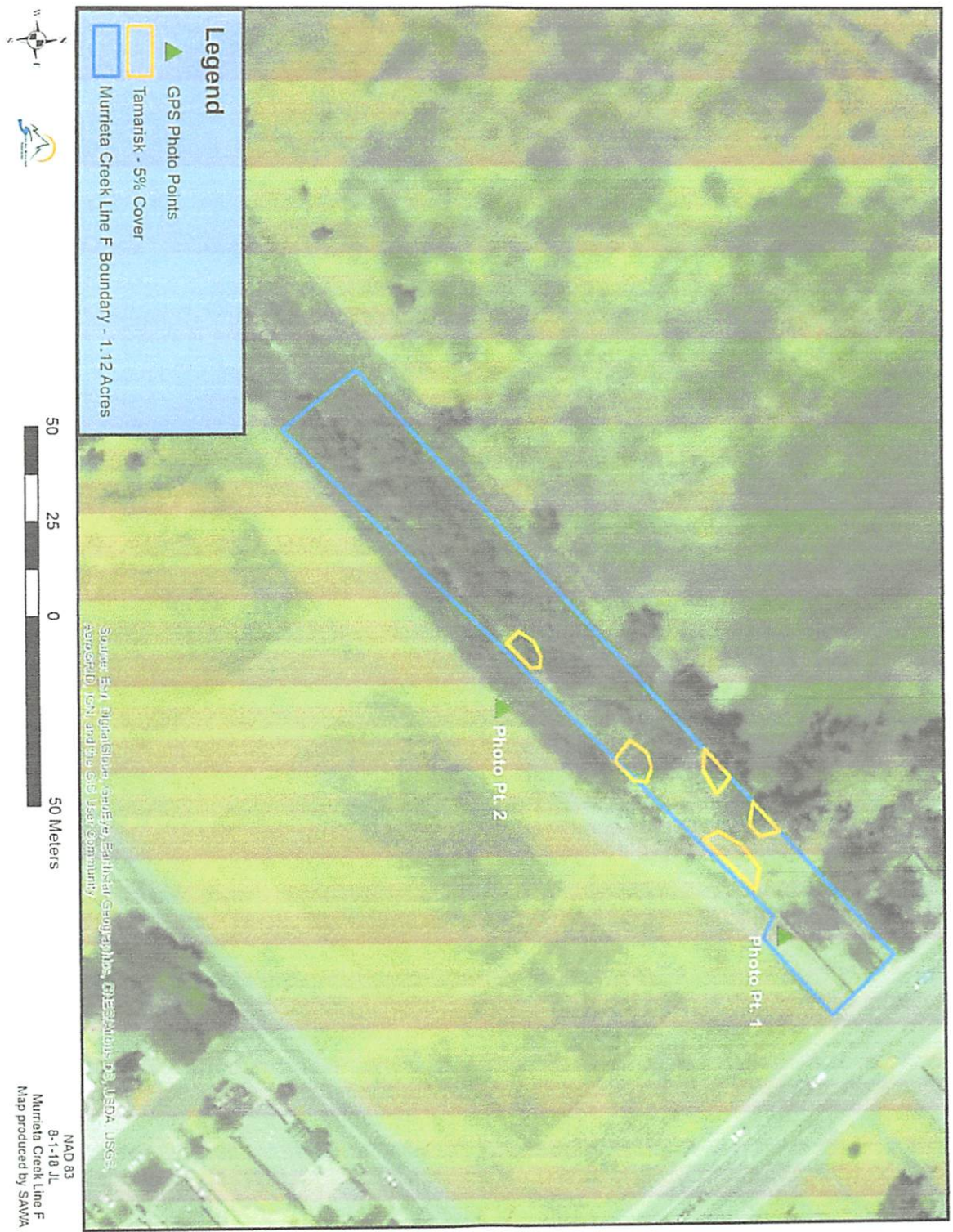
GPS Photo Point 1 – Heading 250 W 479735, 3713057



— GPS Photo Point 2 – Heading 260 W 479673, 3712982

MAP

Murrieta Creek Line F



**MURRIETA CREEK LINE F - SPECIES & PERCENT COVER
TABLE**

Native Species (Common Name)	Native Species (Scientific Name)	% Cover	Non-Native Species (Common Name)	Non-Native Species (Scientific Name)	% Cover
arroyo willow	<i>Salix lasiolepis</i>	5-15%	eucalyptus ssp.	<i>Eucalyptus ssp.</i>	1-5%
California mugwort	<i>Artemisia douglasiana</i>	<1%	mustard ssp.	<i>Brassica ssp.</i>	1-5%
California plantain	<i>Plantago erecta</i>	<1%	Russian thistle	<i>Salsola tragus</i>	<1%
coast live oak	<i>Quercus agrifolia</i>	<1%	saltcedar	<i>Tamarisk ssp.</i>	5-15%
common cattail	<i>Typha latifolia</i>	1-5%			
Fremont's cottonwood	<i>Populus fremontii</i>	1-5%			
hoary nettle	<i>Urtica dioica</i>	<1%			
jimson weed	<i>Datura wrightii</i>	<1%			
mulefat	<i>Baccharis salicifolia</i>	5-15%			

Tucalota Creek 1 & 2 Project

Section 7

TEAM RCD – RIVERSIDE FLOOD FACILITIES

PROJECT BACKGROUND

SAWA has conducted site assessments at the 11 project locations and below are the current site conditions and recommendations for treatments.

PROJECT ACTIVITIES AND NON-NATIVE REMOVAL

Tucalota Creek 1 & 2 Project

Project Location: The Tucalota Creek 1 & 2 site is located along a Riverside Flood Control drainage in the City of Murrieta near the intersection of Murrieta Hot Springs Road & Winchester Road. SAWA total mileage for this site was 153 miles. The site is ~ 6.6 acres and has ~ 0.11 acres of salt cedar (*Tamarisk ssp.*) mixed throughout the site.

Enhancement Activities: During this reporting period, herbicide treatments occurred on 12-10-2018. The species treated was salt cedar (*Tamarisk ssp.*). A cut-stump treatment was utilized for this project. A total of 80.50 hours were spent on enhancement activities.

The methods used for removal: All herbicide treatments were conducted using a cut-stump treatment method using 50-ounce spray bottles. A total of 102 ounces of Garlon 3A and 102 ounces of Competitor were used during this reporting period. These treatments were conducted by SAWA's Invasive Species Removal (ISR) crew.

The amount removed and/or treated: The total project acreage is 6.6 acres.

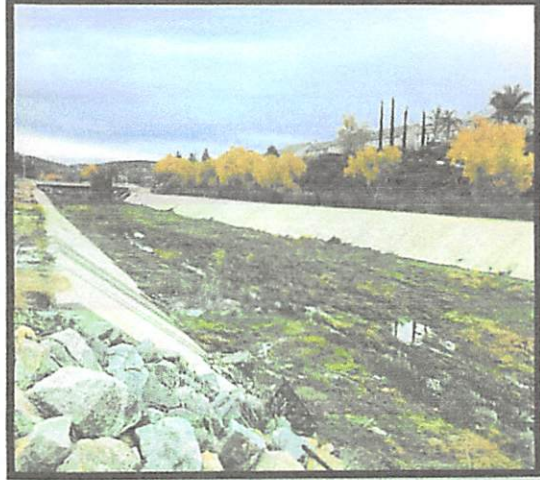
The frequency and timing of removal/treatment: Riverside County Flood hired SAWA as a contractor to specifically treat salt cedar (*Tamarisk ssp.*) in the project area. All treatments were conducted outside migratory bird season.

CURRENT CONDITIONS

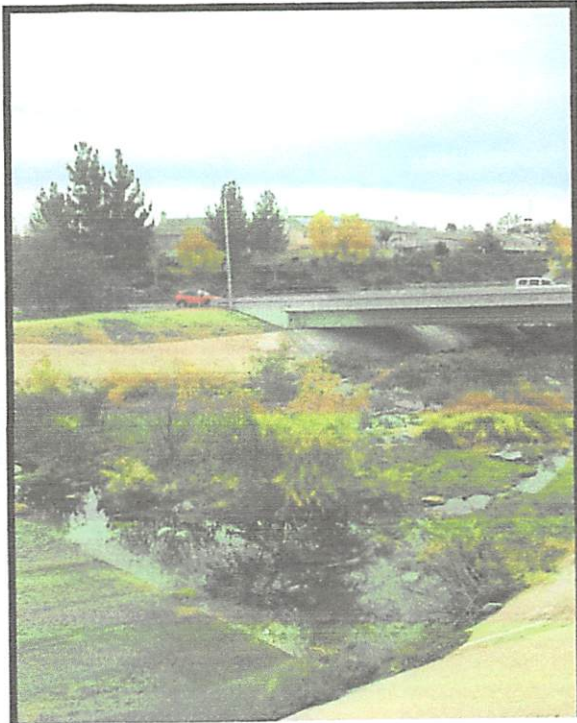
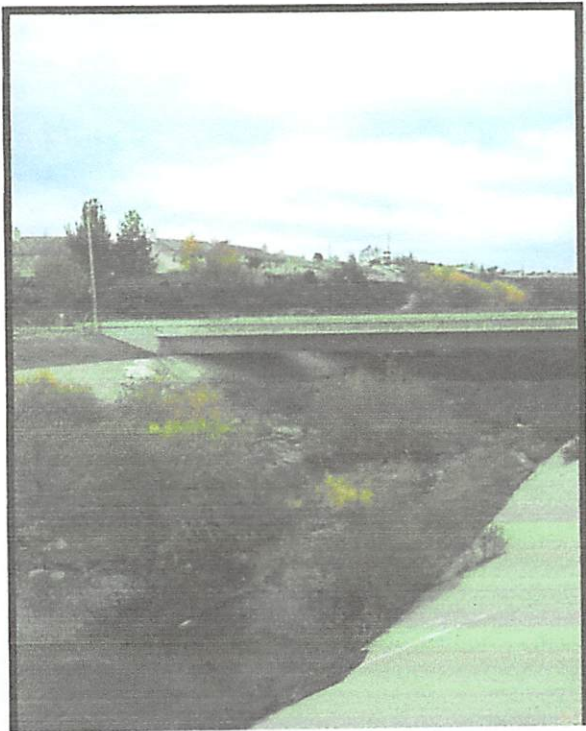
Current Site Conditions: The dominant native species on-site were: <1% Fremont cottonwood (*Populus fremontii*), 5-15% willow species (*Salix spp.*), 15-25% cattails (*Typha domingensis*), 1-5% mulefat (*Baccharis salicifolia*) & 5-15% California bulrush (*Schoenoplectus californicus*). The dominant non-native species located on-site were: 1-5% salt cedar (*Tamarisk ssp.*), 5-15% white sweet clover (*Melilotus albus*) and 1-5% mouse barley (*Hordeum murinum*). See complete species and percent cover table below.

Wildlife Species: This project site has many common avian species and riparian birds including but not limited to: song sparrow (*Melodia melospiza*), bushtit (*Psaltiriparus minimus*), barn swallow (*Hirundo rustica*), killdeer (*Charadrius vociferous*), house finch (*Haemorrhous mexicanus*) and black phoebe (*Sayornis nigricans*).

PHOTOS

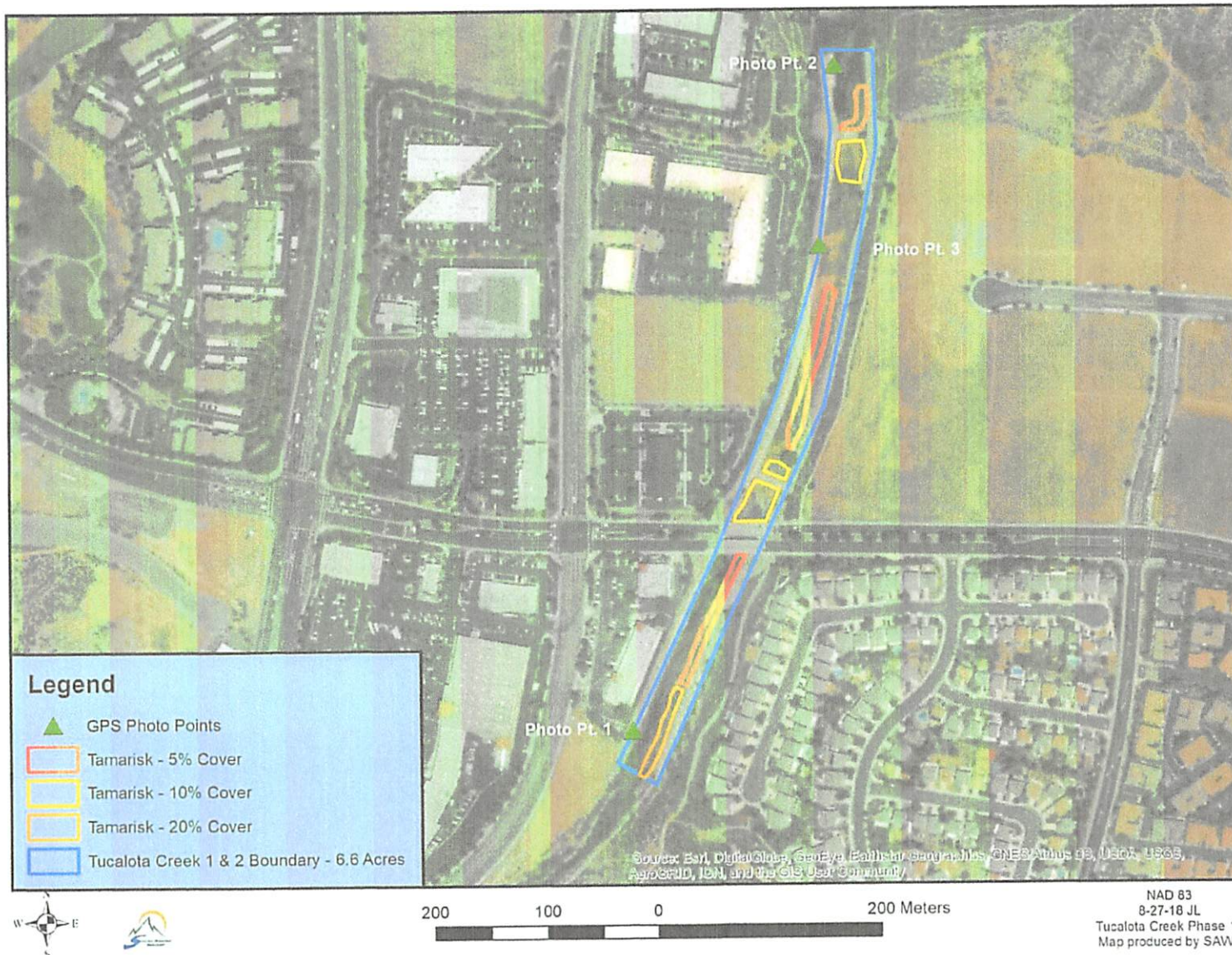


GPS Photo Point 1 – Heading 36 NE 487262, 371235



MAP

Tucalota Creek Phase I



TUCALOTA CREEK 1 & 2 SPECIES & PERCENT COVER TABLE

Native Species (Common Name)	Native Species (Scientific Name)	% Cover	Non-Native Species (Common Name)	Non-Native Species (Scientific Name)	% Cover
arroyo willow	<i>Salix lasiolepis</i>	5-15%	bull thistle	<i>Cirsium vulgare</i>	<1%
black elderberry	<i>Sambucus nigra</i>	<1%	curly dock	<i>Rumex crispus</i>	<1%
California buckwheat	<i>Eriogonum fasciculatum</i>	<1%	mouse barley	<i>Hordeum murinum</i>	1-5%
California bulrush	<i>Schoenoplectus californicus</i>	5-15%	mustard ssp.	<i>Brassica ssp.</i>	<1%
cocklebur	<i>Xanthium strumarium</i>	<1%	saltcedar	<i>Tamarisk ssp.</i>	1-5%
common cattail	<i>Typha latifolia</i>	15-25%	sow thistle	<i>Sanctus oleraceus</i>	<1%
common ragweed	<i>Ambrosia artemisiifolia</i>	<1%	tocolote	<i>Centaurea melitensis</i>	<1%
common sunflower	<i>Helianthus annuus</i>	<1%	white sweet clover	<i>Melilotus albus</i>	5-15%
evening prim rose	<i>Oenothera biennis</i>	<1%	wild lettuce	<i>Lactuca virosa</i>	<1%
fiddleneck	<i>Amsinckia menziesii</i>	<1%			
Fremont's cottonwood	<i>Populus fremontii</i>	<1%			
hoary nettle	<i>Urtica dioica</i>	<1%			
jimsonweed	<i>Datura stramonium</i>	<1%			
mulefat	<i>Baccharis salicifolia</i>	1-5%			

Tucalota Creek Phase III Project

Section 8

TEAM RCD – RIVERSIDE FLOOD FACILITIES

PROJECT BACKGROUND

SAWA has conducted site assessments at the 12 project locations and below are the current site conditions and recommendations for treatments.

PROJECT ACTIVITIES AND NON-NATIVE REMOVAL

Tucalota Creek Phase III Project

Project Location: The Tucalota Creek Phase III site is located along a Riverside Flood Control drainage in the City of Murrieta near the intersection of Murrieta Hot Springs Road & Winchester Road. SAWA mileage for this site is 237 miles in total. The site is ~ 5.78 acres and has ~ 0.17 acres of salt cedar (*Tamarisk ssp.*) and other invasive plant species mixed throughout the site.

Enhancement Activities: During this reporting period, herbicide treatments occurred on 11/13/2018, 11/14/18, and 11/15/18. The species treated was Salt Cedar (*Tamarisk ssp.*). A cut-stump treatment was utilized for this project. A total of 95.75 hours were spent on enhancement activities. An additional 20 hours were spent towards chainsaw operator activities.

The methods used for removal: All herbicide treatments were conducted using a cut-stump treatment method using 50-ounce spray bottles. A total of 26 ounces of Garlon 3A and 26 ounces of Competitor were used during this reporting period. These treatments were conducted by SAWA's Invasive Species Removal (ISR) crew.

The amount removed and/or treated: The total project acreage was ~ 5.78 acres with 1-5% cover of Salt Cedar.

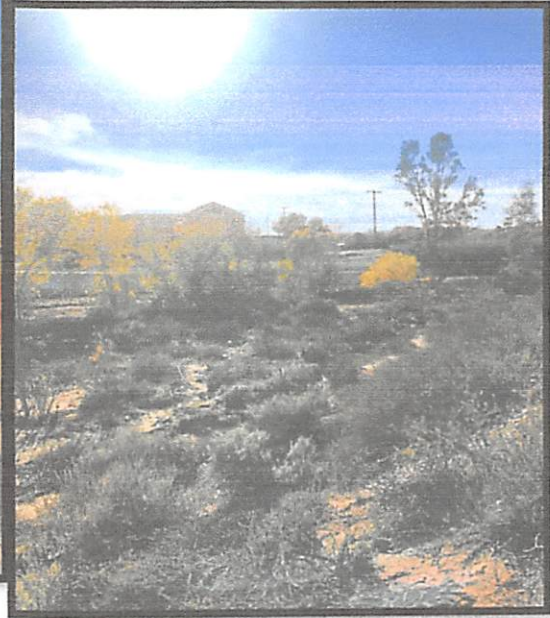
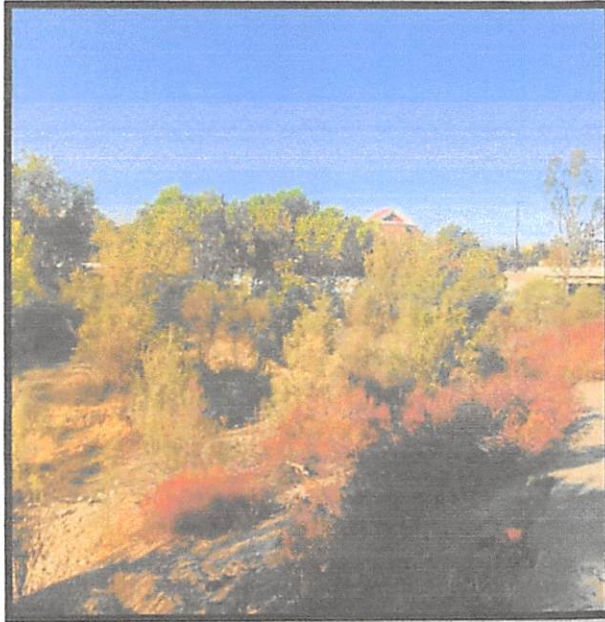
The frequency and timing of removal/treatment: Riverside Flood Control hired SAWA as a contractor to specifically treat Salt Cedar. All treatments were conducted outside migratory bird season.

CURRENT CONDITIONS

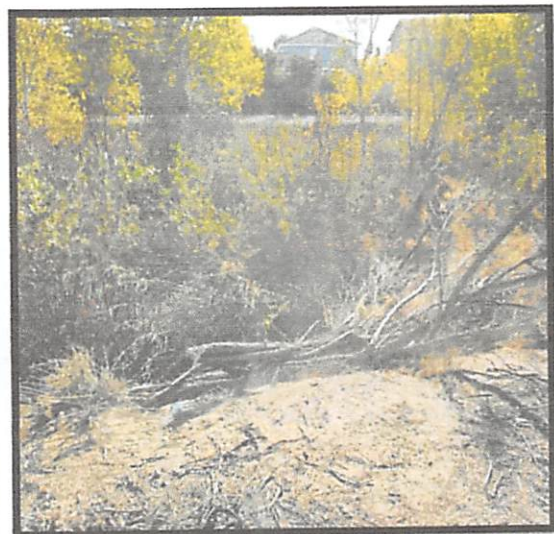
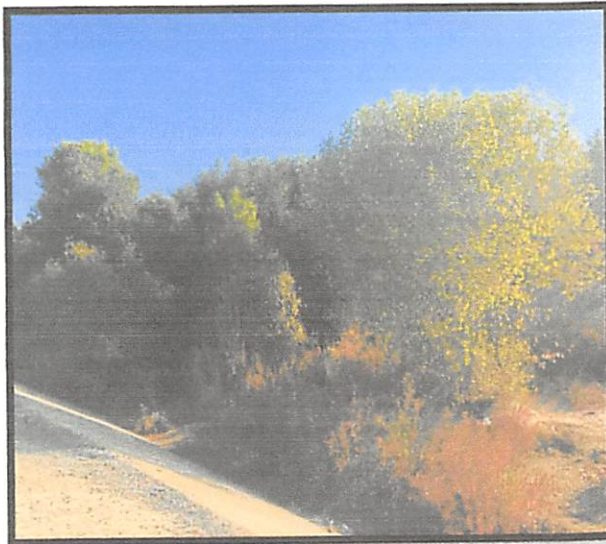
Current Site Conditions: The dominant native species on-site were: 1-5% Fremont cottonwood (*Populus fremontii*), 5-15% willow species (*Salix spp.*), 15-25% & 5-15% mulefat (*Baccharis salicifolia*). The dominant non-native species located on-site were: 1-5% salt cedar (*Tamarisk ssp.*) & <1% common fig (*Ficus carica*). See complete species and percent cover table below.

Wildlife Species: This project site has many common avian species and riparian birds including but not limited to: song sparrow (*Melodia melospiza*), bushtit (*Psaltiriparus minimus*), barn swallow (*Hirundo rustica*), killdeer (*Charadrius vociferous*), house finch (*Haemorrhous mexicanus*) and black phoebe (*Sayornis nigricans*).

PHOTOS



GPS Photo Point 1 – Heading 255 SW 486901, 3711886



GPS Photo Point 2 – Heading 195 S 486762, 3711465

Tucalota Creek - Phase II



140 70 0 140 Meters

TUCALOTA CREEK 1 & 2 SPECIES & PERCENT COVER TABLE

Native Species (Common Name)	Native Species (Scientific Name)	% Cover	Non-Native Species (Common Name)	Non-Native Species (Scientific Name)	% Cover
arroyo willow	<i>Salix lasiolepis</i>	5-15%	bull thistle	<i>Cirsium vulgare</i>	<1%
black elderberry	<i>Sambucus nigra</i>	<1%	common fig	<i>Ficus carica</i>	<1%
California buckwheat	<i>Eriogonum fasciculatum</i>	<1%	mouse barley	<i>Hordeum murinum</i>	1-5%
California bulrush	<i>Schoenoplectus californicus</i>	5-15%	mustard ssp.	<i>Brassica ssp.</i>	<1%
cocklebur	<i>Xanthium strumarium</i>	<1%	saltcedar	<i>Tamarisk ssp.</i>	1-5%
common cattail	<i>Typha latifolia</i>	1-5%	sow thistle	<i>Sanctus oleraceus</i>	<1%
common ragweed	<i>Ambrosia artemisiifolia</i>	<1%	tocolote	<i>Centaurea melitensis</i>	<1%
common sunflower	<i>Helianthus annuus</i>	<1%	white sweet clover	<i>Melilotus albus</i>	1-5%
evening prim rose	<i>Oenothera biennis</i>	<1%	wild lettuce	<i>Lactuca virosa</i>	<1%
fiddleneck	<i>Amsinckia menziesii</i>	<1%			
Fremont's cottonwood	<i>Populus fremontii</i>	1-5%			
hoary nettle	<i>Urtica dioica</i>	<1%			
jimsonweed	<i>Datura stramonium</i>	<1%			
mulefat	<i>Baccharis salicifolia</i>	5-15%			

NEW BUSINESS

FUTURE BUSINESS