



401 B Street, Suite 800
 San Diego, CA 92101-4231
 (619) 699-1900
 Fax (619) 699-1905
 www.sandag.org

MEETING NOTICE AND AGENDA

ENVIRONMENTAL MITIGATION PROGRAM WORKING GROUP

The Environmental Mitigation Program Working Group may take action on any item appearing on this agenda.

Tuesday, September 13, 2016

1 to 3 p.m.

SANDAG, 7th Floor Conference Room
 401 B Street, Suite 800
 San Diego, CA 92101-4231

Please take the elevator to the 8th floor to access the meeting room.

Staff Contact: Keith Greer
 (619) 699-7390
 kgr@sandag.org

AGENDA HIGHLIGHTS

- **LAND MANAGEMENT GRANTS: AD HOC COMMITTEE'S PRIORITIZATION AND FUNDING RECOMMENDATIONS**
- **RARE PLANT MONITORING AND MANAGEMENT EFFORTS**

*SANDAG offices are accessible by public transit.
 Phone 511 or visit 511sd.com for route information.
 Secure bicycle parking is available in the building garage off Fourth Avenue.*

In compliance with the Americans with Disabilities Act (ADA), SANDAG will accommodate persons who require assistance in order to participate in SANDAG meetings. If such assistance is required, please contact SANDAG at (619) 699-1900 at least 72 hours in advance of the meeting.

To request this document or related reports in an alternative format, please call (619) 699-1900, (619) 699-1904 (TTY), or fax (619) 699-1905.

MEMBER AGENCIES

Cities of
 Carlsbad
 Chula Vista
 Coronado
 Del Mar
 El Cajon
 Encinitas
 Escondido
 Imperial Beach
 La Mesa
 Lemon Grove
 National City
 Oceanside
 Poway
 San Diego
 San Marcos
 Santee
 Solana Beach
 Vista
 and
 County of San Diego

ADVISORY MEMBERS

Imperial County
 California Department
 of Transportation
 Metropolitan
 Transit System
 North County
 Transit District
 United States
 Department of Defense
 San Diego
 Unified Port District
 San Diego County
 Water Authority
 Southern California
 Tribal Chairmen's Association
 Mexico



Welcome to SANDAG. Members of the public may speak to the Working Group on any item at the time the Working Group is considering the item. Please complete a Speaker's Slip, and then present the slip to the Clerk of the Working Group. Members of the public may address the Working Group on any issue under the agenda item entitled Public Comments/Communications/Member Comments. Public speakers are limited to three minutes or less per person unless otherwise directed by the Chair. The Working Group may take action on any item appearing on the agenda.

Public comments regarding the agenda can be sent to SANDAG via comment@sandag.org. Please include the agenda item, your name, and your organization. Email comments should be received no later than 12 noon, two working days prior to the meeting. **Any handouts, presentations, or other materials from the public intended for distribution at the meeting should be received by the Clerk of the Working Group no later than 12 noon, two working days prior to the meeting.**

In order to keep the public informed in an efficient manner and facilitate public participation, SANDAG also provides access to all agenda and meeting materials online at www.sandag.org/meetings. Additionally, interested persons can sign up for e-notifications via our e-distribution list at either the SANDAG website or by sending an email request to webmaster@sandag.org.

SANDAG operates its programs without regard to race, color, and national origin in compliance with Title VI of the Civil Rights Act. SANDAG has developed procedures for investigating and tracking Title VI complaints and the procedures for filing a complaint are available to the public upon request. Questions concerning SANDAG nondiscrimination obligations or complaint procedures should be directed to SANDAG General Counsel, John Kirk, at (619) 699-1997 or john.kirk@sandag.org. Any person who believes himself or herself or any specific class of persons to be subjected to discrimination prohibited by Title VI also may file a written complaint with the Federal Transit Administration.

In compliance with the Americans with Disabilities Act (ADA), SANDAG will accommodate persons who require assistance in order to participate in SANDAG meetings. If such assistance is required, please contact SANDAG at (619) 699-1900 at least 72 hours in advance of the meeting. To request this document or related reports in an alternative format, please call (619) 699-1900, (619) 699-1904 (TTY), or fax (619) 699-1905.

SANDAG agenda materials can be made available in alternative languages. To make a request call (619) 699-1900 at least 72 hours in advance of the meeting.

Los materiales de la agenda de SANDAG están disponibles en otros idiomas. Para hacer una solicitud, llame al (619) 699-1900 al menos 72 horas antes de la reunión.

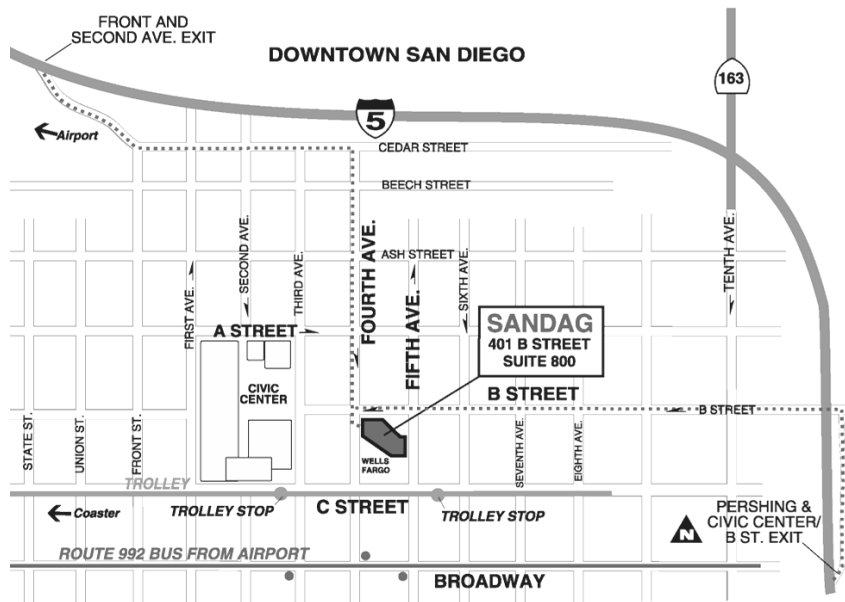
如有需要, 我们可以把SANDAG议程材料翻译成其他语言.

请在会议前至少 72 小时打电话 (619) 699-1900 提出请求.

SANDAG offices are accessible by public transit.

Phone 511 or visit 511sd.com for route information. Bicycle parking is available in the parking garage of the SANDAG offices.

To access the meeting room please arrive on the 8th floor.



ENVIRONMENTAL MITIGATION PROGRAM WORKING GROUP

Tuesday, September 13, 2016

ITEM NO.		RECOMMENDATION
1.	WELCOME AND INTRODUCTIONS (Chair, SANDAG First Vice Chair, Terry Sinnott, City of Del Mar Deputy Mayor)	
+2.	APPROVAL OF MEETING MINUTES The Environmental Mitigation Program Working Group (EMPWG) is asked to review and approve the minutes from its July 12, 2016, meeting.	APPROVE Estimated Start Time: 1:00 – 1:05 p.m.
3.	PUBLIC COMMENTS AND COMMUNICATIONS Members of the public will have the opportunity to address the EMPWG on any issue within the jurisdiction of the Working Group. Speakers are limited to three minutes each.	COMMENT Estimated Start Time: 1:05 – 1:10 p.m.
+4.	LAND MANAGEMEN GRANTS: AD HOC COMMITTEE'S PRIORITIZATION AND FUNDING RECOMMENDATIONS (Vice Chair Mike Grim, City of Carlsbad; Sarah Pierce) The EMPWG formed an ad hoc committee to review, prioritize, and make a funding recommendation on applications received under the eighth call for project for land management grants. A total of 32 grant applications were received. Mr. Grim chaired the ad hoc committee and will report out on the recommendations with Ms. Pierce's assistance.	RECOMMEND Estimated Start Time: 1:10 – 1:45 p.m.
5.	FORMATION OF VICE CHAIR NOMINATION COMMITTEE (Keith Greer, SANDAG) Vice Chair Mike Grim will be starting a new job and will be stepping down from the EMPWG. Pursuant to the EMPWG Charter, the members of the EMPWG will select a Vice Chair. SANDAG staff has recommended the formation of a 3-4 person nomination committee to review potential Vice Chair nominees.	DISCUSSION/ POSSIBLE ACTION Estimated Start Time: 1:45 – 1:50 p.m.
6.	PANEL DISCUSSION: RARE PLANT MONITORING AND MANAGEMENT EFFORTS (Dr. Kristine Preston, San Diego Management and Monitoring Program; Jessie Vinje, Conservation Biology Institute; Kimberly Roeland, City of San Diego) Over the last two years, the San Diego Management and Monitoring Program, in cooperation with the Conservation Biology Institute (CBI) and multiple land managers, have engaged in collaborative regional effort to survey rare plants in San Diego. Dr. Preston and Ms. Vinje will present the collaborative nature of the effort, preliminary results, and major findings. In addition, Ms. Roeland will share the results of management of <i>Brachypodium distachyon</i> on City of San Diego San Diego thornmint (<i>Acanthomintha ilicifolia</i>) sites using the SANDAG-funded herbicide treatment developed by CBI.	INFORMATION Estimated Start Time: 1:50 – 2:40 p.m.

8. **NEXT MEETING DATE AND ADJOURNMENT**

Next Meeting of the EMPWG is scheduled for November 8, 2016 from 1 to 3 p.m. (Happy Election Day!)

INFORMATION

Estimated Start Time:
2:40 – 2:45 p.m.

Tentative Topics:

Selection of new Vice Chair of EMPWG

Panel Discussion: Climate Change and Natural Resources

+ next to an item indicates an attachment

San Diego Association of Governments
ENVIRONMENTAL MITIGATION PROGRAM WORKING
GROUP

September 13, 2016

AGENDA ITEM NO.: **2**

Action Requested: APPROVE

JULY 12, 2016, MEETING MINUTES

File Number 3200100

The meeting of the Environmental Mitigation Program Working Group (EMPWG) was called to order by Vice Chair Mike Grim (City of Carlsbad) at 01:02 p.m.

1. WELCOME AND INTRODUCTIONS

Attendance sheet is attached.

2. APPROVAL OF MEETING MINUTES (APPROVE)

Action: James Whalen (Alliance for Habitat Conservation) motioned to approve the meeting minutes for May 10, 2016, and LeAnn Carmichael (County of San Diego) seconded the motion. The motion carried without opposition.

Yes: Mike Grim (City of Carlsbad), Kristen Forburger (City of San Diego), Susan Wynn (U.S. Fish and Wildlife Service), Michael Beck (Endangered Habitats League), David Mayer (California Department of Fish and Wildlife), Trish Smith (The Nature Conservancy), Christina Rios (City of Santee), John Walsh (Wildlife Conservation Board), Carlton Rochester (USGS), Kim Smith (Caltrans), Cheryl Goddard (City of Chula Vista), Bridget Strickland (The San Diego Foundation), James Whalen (Alliance for Habitat Conservation), LeAnn Carmichael (County of San Diego), Meris Guerrero (Army Corps of Engineers) Anne Harvey (San Diego Conservation Network). No – None. Abstain – Matt Adams (Building Industry Association), Oda Ausidh (City of Poway). Absent - City of Del Mar, California Coastal Conservancy.

3. PUBLIC COMMENTS/COMMUNICATIONS/MEMBER COMMENTS (COMMENT)

Members of the public shall have the opportunity to address the EMPWG on any issue within the jurisdiction of SANDAG that is not on this agenda. Anyone desiring to speak shall reserve time by completing a "Request to Speak" form and giving it to the EMPWG Coordinator prior to speaking. Public speakers should notify the Environmental Mitigation Program (EMP) Coordinator if they have a handout for distribution to EMP members. Public speakers are limited to three minutes or less per person. EMP members also may provide information and announcements under this agenda item.

There were no public comments.

CONSENT

4. AD HOC COMMITTEE RECOMMENDATION: FY 2017-2018 WORK PLAN AND FY 2017 ANNUAL FUNDING (INFORMATION)

The EMPWG formed an ad hoc committee to review and recommend updates to the FY 2016-2017 Work Plan for regional management and monitoring, and annual allocations of regional land management and monitoring funding for FY 2017. Ms. Wynn chaired the ad hoc committee and will report out on the recommendations.

Action: David Mayer (Department of Fish and Wildlife) motioned to amend the work plan to add monitoring of feral pigs to the Achievement Milestones for FY 2017-2018 under section 1.5 "General Stressors and Threats Management." Required funding for the monitoring efforts is estimated at \$82,500, which would be reallocated from the available budget in item 1.4 "Other Species Monitoring (Priority 2 Species)," requiring no change in the ad hoc committee's funding recommendations for FY 2017. Megan Jennings (SDSU) answered questions regarding what activities the funding would be used for. Following a discussion, Michael Beck (Endangered Habitats League) seconded the motion and the motion passed without opposition.

Yes: Mike Grim (City of Carlsbad), Kristen Forburger (City of San Diego), Susan Wynn (U.S. Fish and Wildlife Service), Michael Beck (Endangered Habitats League), David Mayer (California Department of Fish and Wildlife), Trish Smith (The Nature Conservancy), Christina Rios (City of Santee), John Walsh (Wildlife Conservation Board), Carlton Rochester (USGS), Kim Smith (Caltrans), Cheryl Goddard (City of Chula Vista), Bridget Strickland (The San Diego Foundation), James Whalen (Alliance for Habitat Conservation), LeAnn Carmichael (County of San Diego), Meris Guerrero (Army Corps of Engineers) Anne Harvey (San Diego Conservation Network), Matt Adams (Building Industry Association), Oda Ausidh (City of Poway). No – None. Abstain – None. Absent - City of Del Mar, California Coastal Conservancy.

Action: After including the motioned amendment to the work plan, James Whalen (Alliance for Habitat Conservation) motioned to recommend the item. LeAnn Carmichael (County of San Diego) seconded the motion. There were none opposed.

Yes: Mike Grim (City of Carlsbad), Kristen Forburger (City of San Diego), Susan Wynn (U.S. Fish and Wildlife Service), Michael Beck (Endangered Habitats League), David Mayer (California Department of Fish and Wildlife), Trish Smith (The Nature Conservancy), Christina Rios (City of Santee), John Walsh (Wildlife Conservation Board), Carlton Rochester (USGS), Kim Smith (Caltrans), Cheryl Goddard (City of Chula Vista), Bridget Strickland (The San Diego Foundation), James Whalen (Alliance for Habitat Conservation), LeAnn Carmichael (County of San Diego), Meris Guerrero (Army Corps of Engineers) Anne Harvey (San Diego Conservation Network), Matt Adams (Building Industry Association), Oda Ausidh (City of Poway). No – None. Abstain – None. Absent - City of Del Mar, California Coastal Conservancy.

REPORTS

5. SHOT HOLE BORER BEETLE: WHAT IS NEXT? (INFORMATION/DISCUSSION)

Ms. Sevrens will provide a status update regarding coordination of natural resource issues involving the invasive Shot Hole Borer (SHB) beetle, including the formation of a collaborative group that could liaison with other groups and the possible integration into the Emerging Tree Pest Group of San Diego County. She also will address the status of a working draft of a strategic plan to address the SHB.

A member of the public asked whether there was a point-of-contact for land managers if there's a positive identification of the SHB. Ms. Sevrens indicated that, currently, land managers should contact Dr. Akif Eskalen of UC Riverside about any potentially infested sites.

6. MANAGEMENT STRATEGIC PLAN PORTAL DEMONSTRATION (INFORMATION)

The San Diego Management and Monitoring Program has been working on an interactive, data-driven website that is connected to the Management Strategic Plan (MSP) and can be queried by land managers, jurisdictions, agencies, and the general public to address questions on the status of MSP species, objectives, and projects. Ms. Moore and Ms. Perkins will provide a mini demonstration of Phase 2 of the MSP Portal (project data entry).

A member of the public asked what projects are currently uploaded onto the portal and which projects are appropriate to upload moving forward. Ms. Moore answered specifically whether the public member's project had been uploaded. A discussion followed regarding the availability of SanBIOS data on the MSP portal.

7. MEASURING ECOSYSTEM HEALTH: A REVIEW OF OTHER REGIONS (INFORMATION/DISCUSSION)

It has been a long-held belief that certain key indicators or metrics could be established to determine the "health" of the ecosystem. This is similar to doctors using a blood test to evaluate your personal health, or the financial markets using the DOW Jones or S&P 500 to gauge the stock market. Even regional transportation agencies use trends in traffic and road conditions to determine where maintenance and improvements would be most effective. Mr. Rice will provide an overview of measuring ecosystem health and provide examples from other regions. These case studies could serve as a model for creating an assessment of the Natural Communities Conservation Planning Preserves.

Mr. Rice presented his results of research on what other regions are doing regarding long-term tracking of ecosystem health.

8. NEXT MEETING DATE AND ADJOURNMENT (INFORMATION)

The next meeting of the EMPWG is scheduled for September 13, 2016, from 1 to 3 p.m. Vice Chair Mike Grim (City of Carlsbad) adjourned the meeting at 03:00 p.m.

REPRESENTATION	JURISDICTION / ORGANIZATION	NAME	MEMBER / ALTERNATE	ATTENDING
Environmental Mitigation Program Working Group Chair	Councilmember, City of Del Mar	Hon. Terry Sinnott	Chair	NO
South County Subregion	City of Chula Vista	Cheryl Goddard	Member	YES
	City of Chula Vista	Scott Donaghe	Alternate	NO
North County Coastal Subregion	City of Carlsbad	Mike Grim	Vice Chair/Member	YES
	City of Oceanside	Vacant	Alternate	N/A
North County Inland Subregion	City of Poway	Oda Ausidh	Member	YES
	City of Poway	Carol Rosas	Alternate	NO
East County Subregion	City of Santee	Melanie Kush	Member	NO
	City of Santee	Christina Rios	Alternate	YES
City of San Diego Subregion	City of San Diego	Alyssa Muto	Member	NO
		Kristen Forburger	Alternate	YES
County of San Diego Subregion	County of San Diego	LeAnn Carmichael	Member	YES
		Vacant	Alternate	N/A
		Richard Van Sant	Member	NO
Other Public Agencies	Army Corps of Engineers	Meris Guerrero	Alternate	YES
		Joan Cardellino	Member	NO
	California Coastal Conservancy	Megan Cooper	Alternate	NO
		Bruce April	Member	NO
	Caltrans	Kim Smith	Alternate	YES
		David Mayer	Member	YES
	Department of Fish and Wildlife	Gail Sevens	Alternate	YES
		Susan Wynn	Member	YES
	U.S. Fish and Wildlife Service	David Zoutendyk	Alternate	NO
		Robert Fisher	Member	NO
	USGS	Carlton Rochester	Alternate	YES
		John P. Donnelly	Member	NO
	Wildlife Conservation Board	John Walsh	Alternate	NO
		Michael Beck	Member	YES
	Non-Profits	Endangered Habitats League	Scott Grimes	Alternate
Anne Harvey			Member	YES
San Diego Conservation Network		Vacant	Alternate	N/A
		Trish Smith	Member	YES
The Nature Conservancy		Vacant	Alternate	N/A
		Bridget Strickland	Member	YES
The San Diego Foundation		Nicola Hedge	Alternate	NO
		James Whalen	Member	YES
Business	Alliance for Habitat Conservation	Nick Doenges	Alternate	NO
		Matt Adams	Member	YES
	Building Industry Association	Vacant	Alternate	N/A

San Diego Association of Governments
ENVIRONMENTAL MITIGATION PROGRAM WORKING
GROUP

September 13, 2016

AGENDA ITEM NO.: **4**

Action Requested: RECOMMEND

TRANSNET ENVIRONMENTAL MITIGATION PROGRAM:
LAND MANAGEMENT GRANT PROGRAM DRAFT PROJECT
RANKINGS FOR EIGHTH CYCLE OF GRANT FUNDING

File Number 1200300

Introduction

The *TransNet* Extension Ordinance and Expenditure Plan, approved by the voters in November 2004, includes the Environmental Mitigation Program (EMP), which provides funding to mitigate habitat impacts from regional and local transportation projects, and provides funding for regional land management and biological monitoring. The EMP is a unique component of the *TransNet* Extension Ordinance in that it goes beyond traditional mitigation for transportation projects by including a funding allocation for habitat acquisition, management, and monitoring activities to help implement the regional habitat conservation plans.

Each year the SANDAG Board of Directors allocates \$4 million toward implementation of regional land management and biological monitoring pursuant to a Memorandum of Agreement with state and federal agencies on the implementation of the EMP. The Regional Management and Monitoring Work Plan for FY16-17 allocated \$1.8 million of the \$4 million in available funding for the development of an 8th cycle of land management grants.

A competitive selection process is used to award funding to successful applicants. Eligible applicants include land managers from private nonprofit organizations, local jurisdictions, and other governmental agencies. The purpose of this report is to provide information and request that the EMP Working Group make a recommendation to the Regional Planning and Transportation Committees to make a recommendation to the Board of Directors to approve the recommended list of projects for funding for the Eighth Cycle FY 2017 Call for Projects for the *TransNet* EMP Land Management Grants Program.

Discussion

Competitive Selection Process

On February 26, 2016, the Board of Directors approved the release of the Eighth Cycle of Grant Funding FY 2017 Call for Projects for the *TransNet* EMP Land Management Grants Program. A total of \$1.8 million was available to address land management activities related to: (1) Threat Reduction Stewardship (\$800,000) and (2) Species and Habitat Recovery (\$1,000,000). The Board of Directors also approved the evaluation criteria for each of the funding categories.

At its May 10, 2016, meeting the EMP Working Group appointed an evaluation committee to review the land management grant proposals received by SANDAG under the call for projects. The final evaluation committee consisted of EMP Working Group members who were not competing for funds: Leann Carmichael, County of San Diego; Robert Fisher, U.S. Geological Survey; David Mayer, California Department of Fish and Wildlife; Susan Wynn, U.S. Fish and Wildlife Service; Mike Grim, City of Carlsbad; Bridget Strickland, San Diego Foundation; and SANDAG staff member Keith Greer. EMP Working Group member Mike Grim chaired the evaluation committee.

The Eighth Cycle FY 2017 Call for Projects was issued on March 7, 2016, and closed on June 10, 2016. SANDAG received 32 proposals and distributed them to each committee member to rank and evaluate independently.

On August 17, 2016, the evaluation committee met to review its individual rankings, which were compiled prior to the meeting by SANDAG staff based upon overall cumulative ranks for each of the two categories of eligible activities. The proposals were then collectively discussed regarding merit, shortcomings and conditions, and/or reductions in project funding based upon available funding for this call for projects.

As with the past seven land management grant cycles, the evaluation committee made recommendations for full or partial funding for projects based upon its discussions and expertise to determine if overall intended goals of project proposals could be achieved. In addition, applicants were available by phone to address any questions regarding their proposals.

Evaluation Ranking Results and Funding Recommendation

The project proposals recommended for funding in the Threat Reduction Stewardship category totaled approximately \$551,556. However, \$800,000 in funding was originally allocated to this funding category. As such, approximately an additional \$297,643 is recommended to be added to the Species and Habitat Restoration funding category bringing the total amount of available funding in that category to \$1,297,643.

For the Threat Reduction Stewardship category, a total of 14 proposals were received. However, one proposal was withdrawn from consideration prior to review by the evaluation committee and is therefore not included in Attachment 1. As mentioned previously, the total requested funding for the 13 proposals reviewed by the committee totaled approximately \$551,556. The evaluation committee recommended funding for 12 projects totaling approximately \$502,357. The top ranked projects recommended for funding are highlighted in yellow in Attachment 1.

For the Species and Habitat Recovery category, a total of 18 proposals were received requesting funding for approximately \$4,392,318. The evaluation committee recommended funding for five projects totaling approximately \$1,297,643. The top-ranked projects recommended for funding are highlighted in green in Attachment 2.

Next Steps

The EMP Working Group will be presented to the Regional Planning and Transportation Committees at their October meetings for consideration. Additionally, the Committees will be asked to make a recommendation for Board of Directors approval at their November meetings. The *TransNet* Independent Taxpayer Oversight Committee also will be provided with the funding recommendations as an information item for discussion at its October meeting to confirm that the grant funding recommendations are consistent with *TransNet* Extension Ordinance funding eligibility requirements. If approved by the Board of Directors, Notices of Award will be sent for the 17 recommended projects and grant agreements will be executed in early 2017.

Attachment(s): 1. *TransNet* Environmental Mitigation Program Land Management Grant

Program Draft Project Rankings for Eighth Cycle of Grant Funding: Short-Term Threat Reduction Stewardship

2. *TransNet* Environmental Mitigation Program Land Management Grant Program Draft Project Rankings for Eighth Cycle of Grant Funding: Long-Term Species and Habitat Recovery.

Key Staff Contact: Sarah Pierce, (619) 699-7312, sarah.pierce@sandag.org

**TransNet ENVIRONMENTAL MITIGATION PROGRAM LAND MANAGEMENT GRANT PROGRAM
DRAFT PROJECT RANKINGS FOR EIGHTH CYCLE OF GRANT FUNDING:
SHORT-TERM THREAT REDUCTION STEWARDSHIP CATEGORY**

PRJ #	Project Title	Applicant	Project Summary from Proposal	Requested Grant Amount	Recommended Grant funding	SUM of Ranks	Overall RANK	Discussion/Conditions
12	CDFW_Proctor Valley OHV Barrier	California Department of Fish and Wildlife	This project will close one of the last remaining gaps in the Proctor Valley OHV barrier, decreasing unauthorized access to OHV activities.	\$ 50,000.00	\$ 50,000.00	14	1	Fully fund. Project builds off past success and would finish fencing barrier in this area.
14	County SD_Quino Habitat Restoration	County of San Diego - Department of Parks and Recreation	Reduce a threat to the Quino checkerspot butterfly by enhancing habitat conditions and connectivity on a County-owned site that had previously supported a hundred or more butterflies.	\$ 44,000.00	\$ 44,000.00	25	2	Fully fund with changes. Grantee needs to specify success criteria such as the amount of acreage enhanced or plantago planted and must review alternative access control options.
20	City CV_Salt Creek Cactus Wren	City of Chula Vista	Increase the quality of habitat and improve connectivity for the coastal cactus wren along Salt Creek through shrub thinning within suitable wren habitat.	\$ 49,972.00	\$ 49,972.00	30	3	Fully fund with changes. Quantify success criteria to include level of shrub thinning to occur (below 25% recommended) and work with a biologist to ensure composted material left on site does not have negative impacts to crusts or native species.
15	County SD_Cactus Wren	County of San Diego - Department of Parks and Recreation	Reduce threats to coastal cactus wren habitat by installing t-post barbless wire fencing around a previously restored site, and installing 8 access control signs.	\$ 8,854.50	\$ 8,854.50	31	4	Fully fund. Project is straightforward and builds off a previous grant. Low costs for implementation.
17	City SD_Vernal Pools	City of San Diego - Parks and Recreation Open Space Division	Fence off as many key access points and areas of frequent off-road vehicle use throughout the Spring Canyon/Goat Mesa complex and surrounding open space.	\$ 50,000.00	\$ 50,000.00	31	4	Fully fund with changes. Need to specify the amount of fencing to be installed and exact location and target. Fencing installation needs to be consistent with standardized management plan for Otay Mesa. Increase reduction in trespass to 75%.
19	City SD_Bernardo Bay Cactus Wren	City of San Diego - Public Utilities Department	Enhance certain clusters of habitat for coastal cactus wren at a 20 acre project site in Bernardo Bay, by planting <i>Opuntia littoralis</i> (cacti) and closing unauthorized trails through the area.	\$ 50,000.00	\$ 50,000.00	37	6	Fully fund with changes. Need to quantify cacti establishment, target survival rate etc. Achieve cacti establishment goals without changing methodologies (i.e. do not install irrigation lines for supplemental watering).
18	TCLC_Crest Canyon Veldtgrass	The Chaparral Lands Conservancy	Conduct thorough and systematic herbicide treatment of purple veldt grass and any other encountered invasive plant species in the Crest Canyon Preserve.	\$ 49,991.21	\$ 49,991.21	43	7	Fully fund with changes. Grantee needs to determine if their sites are retreatments or if these are new occurrences of the species. Mapping materials should be updated. Success criteria should be updated; 90-100% reduction in veldt grass and to 100% reduction for areas near and around target species listed.

**TransNet ENVIRONMENTAL MITIGATION PROGRAM LAND MANAGEMENT GRANT PROGRAM
DRAFT PROJECT RANKINGS FOR EIGHTH CYCLE OF GRANT FUNDING:
SHORT-TERM THREAT REDUCTION STEWARDSHIP CATEGORY**

PRJ #	Project Title	Applicant	Project Summary from Proposal	Requested Grant Amount	Recommended Grant funding	SUM of Ranks	Overall RANK	Discussion/Conditions
2	LRPC_Riparian Restoration & Arundo Removal	Lakeside's River Park Conservancy	Remove arundo donax and other non-native plants located in an 11 acre 'old growth' riparian forest in the channel of the San Diego River.	\$ 48,895.00	\$ 48,895.00	54	8	Fully fund with changes. Address how reinfestation of treated site will be prevented. Grantee needs to coordinate with adjacent land owners to determine the source of arundo and develop a plan for future control of the species. Grantee should specify their resources available to maintain the project and address why this will not be a reoccurring issue.
16	SELC_Veldt Grass Removal	San Elijo Lagoon Conservancy	Treat the current range of perennial veldt grass in the San Elijo Lagoon Ecological Reserve and continue to monitor the spread or lack thereof.	\$ 49,003.00	\$ 49,003.00	58	9	Fully fund with changes. Include language that specifies for any veldt grass found within these coastal dune habitats during baseline surveys, 100% reduction will be achieved.
13	LCDC_Pallid Bat	Living Coast Discovery Center	Conduct surveys to determine bat species composition on and around the Sweetwater Marsh Unit of the San Diego Bay National Wildlife Refuge and establish a site-specific bat habitat threat reduction and management plan.	\$ 15,810.00	\$ 15,810.00	61	10	Fully fund with changes. Grantee will need to coordinate with Drew Stokes and tie into existing project as well as verify that their methods for detection are appropriate. Because monitoring will lead to the development of threat reduction and management recommendation, and eventual implementation of actions if bats are detected, project was qualified for grant.
10	SDAS_Silverwood Wildlife Sanctuary	San Diego Audubon	Treatment of over 65 acres of invasive species hotspots with herbicide and 5 acres of emergent invasive species via hand management within Silverwood Wildlife Sanctuary.	\$ 36,301.00	\$ 36,301.00	68	11	Fully fund with changes. Project needs to identify the invasive species targeted and thresholds should be a reduction in cover of 90% or greater. Funds should be focused on specific species such as black mustard and star thistle rather than trying to control invasive grasses.
3	LRPC_San Diego River Channel	Lakeside's River Park Conservancy	Coordinated removal of homeless encampments and trash along the San Diego River Biological Corridor between the Santee border and Channel Road in Lakeside.	\$ 49,530.00	\$ 49,530.00	78	12	Fully fund with changes. Success criteria needs to be increased to 100% reduction of homeless encampments and removal of trash. Grantee needs to coordinate with local community organizations and law enforcement regarding the timing of the events to address long term issues. Project may need to include access control measures to help prevent re-entry.
6	TECC_Elfin Forest Mobility Plan	The Escondido Creek Conservancy	Develop a Mobility Master Plan to prepare for increased usage of EFRR and to minimize spill-over land management issues on nearby conserved lands.	\$ 49,200.00	\$ -	81	13	Project was not recommended for funding. It does not meet the Threat Reduction Stewardship criteria outlined in the Call for Projects since it does not include a threat reduction or management action.
TOTAL				\$ 551,556.71	\$ 502,356.71			

**TransNet ENVIRONMENTAL MITIGATION PROGRAM LAND MANAGEMENT GRANT PROGRAM:
DRAFT PROJECT RANKINGS FOR EIGHTH CYCLE OF GRANT FUNDING:
LONG-TERM SPECIES AND HABITAT RECOVERY CATEGORY**

PRJ #	Project Title	Applicant	Project Summary from Proposal	Requested Grant Amount	Recommended Grant Funding	Proposed Match Amount	Sum of Ranks	Overall RANK	Comments
7	ZS_Native Seed Bank	San Diego Zoo's ICR	Establish genetically diverse, high-quality seed collections for nine plant species in the Management Strategic Plan.	\$ 422,092.00	\$ 492,396.00	\$ 283,330.00	17	1	Funding NOT recommended for San Diego ambrosia, dehesa nolina, and Otay tarplant. Funding recommended for 6 spp. identified in proposal including San Diego thornmint, salt-marsh bird's beak, Orcutt's bird's beak, short-leaved dudleya, Mexican flannelbush, and willow mondarella. In addition, ICR to produce San Diego thornmint, California orcutt grass, spreading navarretia, Otay Mesa mint, Orcutt's birds beak, and San Diego thornmint for projects # 22, 30, and 31. Experimental work to be conducted on little mouse-tail. Approx \$32,000 contingency to be added to year 3 project budget if needed due to environmental conditions to ensure seed available for other grantees.
31	TCLC_Otay Mesa Rare Plants	The Chaparral Lands Conservancy	Bulk seed for five of San Diego County's rarest plants for direct restoration in two habitat restoration projects on important conserved lands in Otay Mesa.	\$ 241,319.39	\$ 141,319.39	\$ 260,451.50	28	2	Zoo ICR Native Seed Bank project (#7) to fill approx half of seed bulking needs. Budget reduction of \$100,000. Grantee will coordinate with Zoo ICR for seed bulking needs.
30	TCLC_Proctor Valley Vernal Pools and Uplands	The Chaparral Lands Conservancy	Implement the final three years of work to complete restoration of 19 acres of vernal pools and coastal sage scrub in Proctor Valley on the City of San Diego's Otay Lakes Cornerstone Lands.	\$ 405,357.43	\$ 393,863.90	\$ 271,938.00	40	3	Reduce funding required for seed bulking efforts by \$11,493.53. Remaining \$48,506.47 in task needed for bulking of species not included in Zoo ICR Native Seed Bank project (#7). Grantee to adjust budget table/ schedule to include additional 18 months to account for any extra time needed due to poor environmental conditions.
23	SELC_North County Dunes 2	San Elijo Lagoon Conservancy	Completion and implementation of the three site-specific restoration plans: the Cardiff State Beach Living Shorelines Draft Habitat Restoration Plan, Seaside Terrace Dunes Draft Habitat Restoration Plan, and Torrey Pines State Beach - "Black's Beach" Draft Habitat Restoration Plan.	\$ 297,799.00	\$ 197,799.00	\$ 200,835.00	46	4	Funding of Cardiff and Carlsbad portions only. Reduce project budget by \$100,000. Nuttall's acmispson not located in project area at Torrey Pines, however occurrence of the species has been found within the park based on MOM data and may be worth re-visiting depending on success of the Carlsbad and San Elijo sites.
22	MTRPF_SD Thornmint Restoration	Mission Trails Regional Park Foundation	Improve and expand areas occupied by the San Diego thornmint within Mission Trails Regional Park (MTRP).	\$ 83,765.00	\$ 72,265.00	\$ 7,992.00	56	5	Removal of seed bulking efforts reduces proposal cost to \$72,265. Thornmint needed for project to be provided by Zoo ICR Native Seed Bank project (#7). Grantee to revise scope to include measurable and quantifiable success criteria (reduction of weed cover, amount of seed distributed etc.)
8	ZS_Burrowing Owl	San Diego Zoo's ICR	Establish additional BUOW breeding nodes through the use of conservation breeding and releases, targeted vegetation management, and maintenance of prioritized artificial burrows.	\$ 540,280.00	\$ -	\$ 167,158.00	59	6	Funding not available.
26	SDRPF_Nuttalls Acmispson and Salt Marsh Birds Beak	San Diego River Park Foundation	Engage the community and visitors in better management of threatened species, including the salt marsh bird's-beak and the Nuttall's acmispson at the San Diego River Mouth and Estuary.	\$ 219,150.00	\$ -	\$ 166,700.00	61	7	Funding not available.
29	Land IQ_SD Thornmint Enhancement	Land IQ	Enhance and expand San Diego thornmint populations within the MU3 management unit.	\$ 240,491.20	\$ -	\$ 36,450.40	62	8	Funding not available.
28	BCLT_SD Thornmint 2	Back Country Land Trust	Restoration of native grassland habitat at Wright's Field, specifically to continue enhancement of the two existing San Diego thornmint populations and to establish a third new population at a site where conditions are appropriate.	\$ 109,924.31	\$ -	\$ 25,902.00	63	9	Funding not available.
4	LPLF_Nuttall's Acimispson	Los Pen. Lagoon Foundation	The project presents a multi-tiered approach that aims to provide both regional and localized benefits to populations of Nuttall's acmispson.	\$ 217,500.00	\$ -	\$ 500,000.00	65	10	Funding not available.

**TransNet ENVIRONMENTAL MITIGATION PROGRAM LAND MANAGEMENT GRANT PROGRAM:
DRAFT PROJECT RANKINGS FOR EIGHTH CYCLE OF GRANT FUNDING:
LONG-TERM SPECIES AND HABITAT RECOVERY CATEGORY**

24	City CV_ Orcutts Birds Beak	City of Chula Vista	Improve and expand areas occupied by the Orcutt's bird's-beak within Rice Canyon and Poggi Canyon through restoration and enhancement of degraded habitat areas.	\$ 69,770.00	\$ -	\$ 3,900.00	68	11	Funding not available.
25	City CV_ San Diego Thornmint	City of Chula Vista	Improve and expand areas occupied by the San Diego thornmint within Rice Canyon, Wheeler Ridge, and Long Canyon through restoration and enhancement of degraded habitat.	\$ 194,000.00	\$ -	\$ 4,950.00	68	11	Funding not available.
11	SDAS_Ternwatchers2	San Diego Audubon	Aid in recovery of California least terns by increasing breeding productivity of in Mission Bay Park and increasing efficacy of predator control measures at active nesting sites.	\$ 60,517.00	\$ -	\$ 19,437.00	74	13	Funding not available.
9	EHC_Hanson Pond	Endangered Habitats Conservancy	Habitat restoration of the 147-acre Hanson pond property in the El Monte Valley Lakeside.	\$ 273,455.60	\$ -	\$ 31,250.00	76	14	Funding not available.
32	UCR_Shot Hole Borer	U.C. Riverside	Develop an effective Integrative Pest Management program to prevent further spread and manage impacts from the Fusarium Dieback-Shot Hole Borer pest-pathogen complex.	\$ 434,818.00	\$ -	\$ 85,695.00	83	15	Funding not available.
21	County SD_Furby North 2	County of SD	Restore 13 acres of the 83-acre Furby-North Property by removing and treating invasive non-native plant species that are infesting the Property.	\$ 246,000.00	\$ -	\$ 25,875.00	83	15	Funding not available.
5	TECC_Sticky Dudleya	The Escondido Creek Conservancy	Remove exotic forbs within five feet of individual Dudleya viscida plants and establish a 100-foot buffer zone around the population where large flammable exotic plants are removed.	\$ 87,000.00	\$ -	\$ 43,375.00	84	17	Funding not available.
27	BCLT_Clover Flat and SDMR	Back Country Land Trust	Conduct habitat restoration and enhancement on the Clover FlatsSan Diego Mountain Ranch properties.	\$ 249,080.00	\$ -	\$ 24,119.00	101	18	Funding not available.
TOTAL				\$ 4,392,318.93	\$ 1,297,643.29	\$ 2,159,357.90			