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# 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, May 11, 2010

1:00 to 4:00 p.m. **NOTE: EXTENDED TIME**

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

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

### AGENDA HIGHLIGHTS

- RECOMMENDATION ON FY 2010 LAND MANAGEMENT GRANTS
- TRIENNIAL SPECIES STATUS REPORT
- USGS POST-FIRE MONITORING REPORT

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# ENVIRONMENTAL MITIGATION PROGRAM WORKING GROUP

Tuesday, May 11, 2010

<b>ITEM #</b>	<b>RECOMMENDATION</b>
1. WELCOME AND INTRODUCTIONS (Chair, SANDAG Board Member, Carrie Downey, City of Coronado Council Member)	
+2. SUMMARY OF THE JANUARY 12, 2010, MEETING	APPROVE
Review and approve the meeting summary of the January 12, 2010, meeting.	Estimated Start Time: 1:00 – 1:10
3. PUBLIC COMMENTS AND COMMUNICATIONS	COMMENT
Members of the public will have the opportunity to address the Environmental Mitigation Program Working Group (EMPWG) on any issue within the jurisdiction of the Working Group. Speakers are limited to three minutes each.	Estimated Start Time: 1:10 – 1:15
+4. AD HOC COMMITTEE'S RECOMMENDATION ON FISCAL YEAR (FY) 2010 LAND MANAGEMENT GRANTS (Vice Chair, Thomas Oberbauer)	RECOMMENDATION
On November 23, 2009, a call-for-projects was issued for grant proposals related to lands management activities. Pursuant to the January 12, 2010, EMPWG direction, an ad hoc committee was formed to review and prioritize the 24 applications received. The ad hoc committee met on March 9, 2010, and has prioritized the projects with recommendations to the EMPWG for funding.	Estimated Start Time: 1:15 – 1:45
+5. STATUS OF QUALITY OF LIFE STAKEHOLDER MEETINGS (EMPWG Representatives: James Whalen and Kathy Viatella)	INFORMATION/ DISCUSSION
The Quality-of-Life Stakeholder Working Group has met three times since its initiation in January. The EMPWG has assigned Jim Whalen and Kathy Viatella as the liaisons to the EMPWG. In addition, EMPWG member Michael Beck serves on the Stakeholder Group. The EMPWG liaisons will provide information on the status and progress of the Stakeholder Working Group.	Estimated Start Time: 1:45 – 2:00
+6. REQUEST FOR FORMATION OF AD HOC COMMITTEE TO REVIEW FY 2011 ANNUAL FUNDING AND FIVE-YEAR FUNDING STRATEGY (Keith Greer, SANDAG)	DISCUSSION/ POSSIBLE ACTION
SANDAG Staff will be requesting that the EMPWG consider forming an ad hoc committee to review the FY 2011 annual funding allocations and the five-year funding strategy and make any suggested modifications.	Estimated Start Time: 2:00 – 2:10

**ITEM #**

**RECOMMENDATION**

- 7. MSCP TRIENNIAL COVERED SPECIES MONITORING REPORT (Ron Rempel, SDMMMP)

INFORMATION/  
DISCUSSION

Ron Rempel of the San Diego Management and Monitoring Program (SDMMMP) will provide an overview of the Multiple Species Conservation Program (MSCP) Triennial Covered Species Monitoring Report. The Triennial Report is a requirement of the MSCP Implementing Agreements, which requires a summary report on monitoring activities every three years and makes recommendations to prioritize specific monitoring activities based on available budget and specific needs of individual species and habitats.

Estimated Start Time:  
2:10 – 3:00

- 8. USGS POST – FIRE MONITORING REPORT (Barbara Kus and Robert Fisher, USGS)

INFORMATION/  
DISCUSSION

Approximately 300,000 acres were burned in the Otay and Cedar Fires in San Diego County in fall of 2003. In 2007, San Diego County saw another 370,000 acres burn, of which more than 60,000 had already burned in 2003. The USGS is completing its fifth year of monitoring the results of these wildfires (with partial funding provided by the Environmental Mitigation Program). Drs. Barbara Kus and Robert Fisher will report out on the results and future research needs.

Estimated Start Time:  
3:00 – 3:55

- 9. NEXT MEETING DATE AND ADJOURNMENT

INFORMATION

Next meeting of the EMPWG is scheduled for July 13, 2010.

Estimated Start Time:  
3:55 – 4:00

Tentative topics: Review of FY 2011 Annual Funding Recommendations; Demonstration of *TransNet* EMP Dashboard; and Report on Thorne’s Hairstreak Butterfly Monitoring.

+ next to an item indicates an attachment

**San Diego Association of Governments**  
**ENVIRONMENTAL MITIGATION PROGRAM**  
**WORKING GROUP**

May 11, 2010

AGENDA ITEM NO.: **2**

**Action Requested: APPROVE**

SUMMARY OF THE JANUARY 12, 2010, MEETING

File Number 300270

**Members in Attendance:**

Hon. Carrie Downey, (Chair), City of Coronado  
Tom Oberbauer, (Vice Chair), County of San Diego  
Bruce April, Caltrans  
Catherine Caldwell, Wildlife Conservation Board  
Mike Grim, City of Carlsbad  
Ann Harvey, San Diego Conservation Network  
Jeanne Krosch, City of San Diego  
David Mayer, California Department of Fish and Game  
Barbara Redlitz, City of Escondido  
Carlton Rochester, U.S. Geological Survey  
Kathy Viatella, The Nature Conservancy  
Jim Whalen, Alliance for Habitat Conservation  
Susan Wynn, U.S. Fish and Wildlife Service  
Emily Young, The San Diego Foundation

**Others in Attendance:**

Margaret Bornyasz, ECORP Consulting  
Cheryl Brehme, U.S. Geological Survey  
Nick Buhbe, Nautilus Environmental  
Scott Fleury, ICF Jones & Stokes  
Lucy Galvin, Helix Water District  
Megan Hamilton, County of San Diego, Department of Parks and Recreation  
Barbara Kus, U.S. Geological Survey  
Rebecca Lewison, San Diego State University  
Mary Lindquist, Padre Dam Municipal Water District  
Betsy Miller, City of San Diego  
Ken Quigley, MCB Camp Pendleton  
Ron Remple, SDMMT  
Christina Schaefer, TAIC  
Kim Smith, Caltrans  
Jeff Tracey, SDMMT  
Elise Watson, U.S. Fish and Wildlife Service  
Kit Wilson, SD Open Spaces  
Clark Winchell, U.S. Fish and Wildlife Service  
Amy Vandergast, U.S. Geological Survey

## **SANDAG Staff in Attendance:**

Keith Greer  
Kim Roeland  
Grace Chung

### **1. Welcome and Introductions**

Chair Hon. Carrie Downey, City of Coronado, called the meeting to order at 1:02 p.m., and welcomed the group. She invited members and guests to introduce themselves.

### **2. November 17, Meeting Summary**

Chair Downey asked the Working Group if there were any corrections to the meeting summary. Chair Downey asked for "work" to be changed to "word" on page 5. Tom Oberbauer, County of San Diego, motioned to approve the summary with Bruce April, Caltrans, seconding the motion. The motion carried without opposition.

### **3. Public Comments and Communications**

Carlton Rochester, U.S. Geological Survey, announced that his analysis of two years of post fire herpetology data has been accepted for publication by the *Journal of Herpetology*, and will be in the September edition. Members of the public had the opportunity to address the Environmental Mitigation Program Working Group (EMPWG): no public comments were received.

### **4. Mid-year Status Report on EMP Funded Activities**

Keith Greer, SANDAG, reviewed the status of projects funded by the SANDAG Board of Directors using *TransNet* EMP monies. Mr. Greer announced that the new online format, EMP Dashboard, will be available this spring and presented at a future EMPWG meeting. Mr. Greer announced that an agreement has been finalized to hire a management coordinator, Yvonne Moore, to join Ron Rempel (Program Developer) and Jeff Tracey (Monitoring Coordinator) in overseeing the management program. Mr. Greer then spoke of the multiple requests for changes in the standard land management contract agreement, and explained that for FY 2010 the process will be stricter to avoid making multiple changes on a case-by-case basis.

Mr. Oberbauer requested a brief summary of the acquisition status of properties by SANDAG. Mr. Greer explained that 980 acres have been acquired over last 1.5 years. Acquisitions have focused on coastal wetlands, freshwater wetlands, and uplands, though, he noted, SANDAG has been most successful at acquiring upland properties and are below their goals for freshwater wetlands. In order to bolster freshwater wetland property acquisitions, a request for proposals is out to encourage partnership of public with private entities or public agencies to identify and secure freshwater wetland opportunities. Mr. Greer hoped to identify new opportunities by March 2010. Bruce April, Caltrans, added that these acquisitions were not just existing pieces to buy, but would need to meet the mitigation requirements for wetland impacts. Susan Wynn, U.S. Fish and Wildlife Service, asked if the number included pending properties. Mr. Greer responded that it did not, and clarified that there were thirty properties in appraisal but putting those down in writing would not be wise from a negotiation standpoint.

## 5. Process for EMPWG's Review of FY 2010 EMP Land Management Grants

Mr. Greer described the fourth cycle of grants under the EMP program, stating that the call for projects was released on November 23, 2009, and that the deadline is January 27, 2010. Mr. Greer reviewed the process utilized during the past three cycles for reviewing the applications, involving an ad hoc subcommittee to make recommendations to the full EMPWG. Mr. Greer inquired if the EMPWG would like to create a second ad hoc subcommittee that would meet in February to develop land management grants prioritization. Mr. Greer added that in the past, three members of the public participated in the review process, but that this year the three coordinators (Mr. Rempel, Dr. Tracey, and Ms. Moore) could sit as advisory members to the ad hoc grant evaluation committee.

Ms. Downey proposed that the ad hoc subcommittee be created for the review of the EMP Land Management Grants applications. Ms. Downey listed the following names and received approval for each: Tom Oberbauer, County of San Diego (Chair), Bruce April, Caltrans, Susan Wynn, U.S. Fish and Wildlife Service, David Mayer, California Department of Fish and Game, and Dr. Emily Young, The San Diego Foundation. Ms. Downey suggested leaving one spot open for someone on the SANDAG Board of Directors. Mr. Oberbauer recommended Jim Whalen, Alliance for Habitat Conservation, noting that his presence in representing building industry was valuable. Mr. Whalen accepted. Mr. Greer also suggested a representative from a local jurisdiction be on the subcommittee; Mike Grim, City of Carlsbad, offered to serve. Ms. Downey asked how many of the SANDAG contractors (coordinators) would be on the subcommittee. Mr. Rempel suggested himself and Ms. Moore. Chair Downey announced that the final count for the subcommittee was ten with the nine names listed above and one final spot for a SANDAG Board member.

After a question from Mr. Oberbauer about Ms. Moore's background, Mr. Greer asked Mr. Rempel to provide a brief outline. Mr. Rempel said she worked for the Department of Fish and Game's Region 6 for several years; her assignment was to coordinate the management and monitoring program for Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). During the last several years she has been working as a private consultant.

Mr. Oberbauer requested a brief description of the criteria for evaluating the projects. Mr. Greer said that the SANDAG Board of Directors adopts criteria every year related to project readiness, biological resources on the site, criticality of the project, and others; ten criteria are listed against which each member ranks the project. Prioritized lists from each member are pooled together to identify high ranking projects.

In response to a few other questions, Mr. Greer described some changes that have been made to the application, based on lessons learned from previous cycles. Some items that have been problematic in past years, such as unclear matching funds, staff costs versus contractor costs, overhead rates, have been directly addressed in the application for FY2010. He also stated that the grant application has been reformatted to be more succinct, with the scope, budget, and timeline required upfront. Another addition to the application was an "Expected Results" section.

David Mayer, Department of Fish and Game, noted that it was helpful for the applicants to list tasks, so that partial funding could be considered.

Mr. Greer requested that calls from potential applicants be directed to him; ad hoc subcommittee members are precluded from correspondence with potential applicants.

Mr. Whalen motioned to approve the subcommittee comprised of the names listed above; Ms. Wynn seconded the motion, which passed with all in favor.

## **6. San Diego State University Institute for Ecological Monitoring and Management**

Dr. Rebecca Lewison, San Diego State University, introduced a new institute at San Diego State University (SDSU) called the Institute for Ecological Monitoring and Management (Institute) aimed at promoting science, engineering, and technology to address the management and monitoring needs of natural resources in the region. She described the Institute including a broad range of affiliated scientists from both natural and social sciences and emphasized opportunities for collaboration. Dr. Lewison mentioned that training will be available not only for the students at SDSU, but also for professionals in relevant careers in ecological monitoring and management.

Dr. Young inquired about the different disciplines that are represented at the Institute. Dr. Lewison listed biology, geography, geology, and economics as the primary departments comprising the Institute, but added that invitations are out for affiliated scientists from other disciplines. Dr. Young also inquired if the Institute has a link with the Field Stations Program; Dr. Lewison replied that there were no formal ties with the Field Stations Program.

Mr. Whalen asked about the financial compensation for the Institute. Dr. Lewison described the process of applying for grants to fund the type of work the Institute plans to do.

Mr. Oberbauer asked about SDSU's involvement in hydrological prediction and watershed analysis programs. Dr. Lewison answered that there are many within the engineering department engaged in watershed analysis; she added that watershed analysis has been a strength at SDSU. Mr. Oberbauer asked who would be involved with expertise in watershed; Dr. Lewison listed Svetlana Kostic, an environmental engineer.

A member of the public asked about any coordination or overlap between the Institute and U.S. Geological Survey. Dr. Lewison spoke of the existing relationship between SDSU and U.S. Geological Survey, and concluded that the institute would be another opportunity for collaborations, but not intending to replace any existing institutional roles.

Dr. Young inquired how the Institute plans to anticipate for future trends in research, noting that the categories listed for research represent current work that might not be the same or as relevant in the future. Dr. Lewison stated that one of the driving forces for creating the Institute was that many of the disciplines are dynamic and have synergies and intersections with other disciplines and collaboratively they could develop a broader perspective than each would have working independently.

A member of the public asked about the format of the training program. Dr. Lewison answered that the training is a certificate program that would be available through extended studies. She also mentioned that the program would be flexible in terms of the area of study, and that the courses would be available in the evening.

## **7. Considerations for Developing Wildlife Movement Studies**

Dr. Tracey introduced activities related to the connectivity or linkage monitoring through the San Diego Management and Monitoring Program. Workshops for developing scopes of work related to monitoring linkages, he mentioned, would be held in March, with the intent to receive input on how to prioritize species and linkages for monitoring. Dr. Tracey introduced and welcomed the two speakers from the U.S Geological Survey: Cheryl Brehme and Dr. Amy Vandergast.

Ms. Brehme presented her thesis project on the impacts of roads on small terrestrial vertebrates. She described the design of her study, which included three roads in Jamul (dirt, secondary paved road, and highway) and six small vertebrate species. Based on her findings, she conducted risk assessment for two species covered by the County of San Diego Multiple Species Conservation Program (MSCP): the arroyo toad (*Bufo californicus*) and the western pond turtle (*Actinemys marmorata*). She concluded that species that prefer open areas for foraging or basking tend to move onto roads, where they are more susceptible to road mortality. Conversely, for species that prefer closed habitat, road avoidance behavior is exhibited and habitat fragmentation is more of a concern. Highways, she concluded, were likely a barrier for all six species studied. From her risk assessment, she noted that where roads transect movement corridors between wetland and upland habitats, mortality to toads and turtles are of particular concern.

Dr. Vandergast spoke about monitoring genetic connectivity based on research conducted by the conservation genetics lab at the U.S. Geological Survey. She elaborated on the methodology for this research, which involved using very high resolution genetic data to determine the influences of certain landscape features on gene flow and dispersal. She described the uses of these analyses in single species studies such as 1) measuring genetic diversity within a population; 2) measuring gene flow; 3) detecting recent migrants; and 4) evaluating potential movement corridors for different species. She also noted that genetics can help identify the diversity and divergent patterns between species, and how much genetic diversity is present over space and time. She articulated that historical patterns might give insight in evolutionary processes that are occurring across the landscape and could guide conservation efforts related to climate change, for example. Dr. Vandergast described the non-equilibrium condition in genetics and pointed out that human-induced landscape changes are too recent to be discernible by genetic markers, indicating that current studies of gene flow genetics reflects historic conditions rather than what is happening now.

## **8. Next Meeting Date and Adjournment**

Ms. Downey adjourned the meeting at 2:39 p.m. The next meeting is scheduled for March 9, 2010. [NOTE: THIS MEETING WAS SUBSEQUENTLY CANCELED TO ALLOW THE AD HOC COMMITTEE TIME TO MEET AND DISCUSS THE GRANT PROPOSALS].

Date: May 11, 2010

To: Environmental Mitigation Program (EMP) Working Group

From: Thomas Oberbauer, Environmental Mitigation Program Working Group Vice-Chair

RE: Recommendations of the EMPWG Ad Hoc Committee on FY 2010 Land Management Grants

### **Introduction**

On September 25, 2009, the SANDAG Board of Directors approved a process and criteria for funding eligible land management activities under the *TransNet* Environmental Mitigation Program (EMP) for Fiscal Year 2010. A total of \$2.085 million was made available for land management activities related to (1) invasive species control, (2) post-fire wildfire recovery, (3) habitat restoration and/or (4) access and litter control. The Request for Proposals stated that projects that are not ready to start within 12 months of submission of the application (January 27, 2010) to SANDAG would not be eligible for this funding cycle.

On January 12, 2010, the Environmental Mitigation Program Working Group (EMPWG) appointed an evaluation committee to review the land management grant applications which were received by SANDAG on January 27, 2010. This ad hoc committee consisted of EMPWG members Bruce April, Mike Grim, David Mayer, James Whalen, Susan Wynn, Emily Young, and was chaired by myself. Ron Rempel and Yvonne Moore, from the San Diego Management and Monitoring Program (SDMMP) attended the meeting for technical assistance. Also in attendance was Commissioner Scott Peters, Vice-chair of the Port of San Diego to oversee the process and provide feedback.

### **Discussion**

On February 5, 2010, copies of the 24 applications (totaling approximately \$7.085 million) were sent to each committee member, who independently ranked them according to the criteria approved by the SANDAG Board on September 25, 2009. The evaluation committee met on March 9, 2010. The individual rankings were then pooled, prioritized according to their overall average ranked value and rank (Attachment 1). The proposals were then collectively discussed to review the proposals merits and any shortcomings.

In the collective discussion, the ad hoc committee recognized that:

1. The quality and content of the proposals was greatly improved compared to past years.
2. The work proposed under the City of Chula Vista Cactus Wren proposal had already received funds from a previous *TransNet* EMP grant. SANDAG is currently under contract with the County of San Diego to complete this work.
3. There was good consistency in top ten projects among the seven reviewers.
4. The proposals represented a wide geographic distribution and well represented by various types of organizations from larger agencies and jurisdictions to small nonprofit land managers, though neither were a criterion for the evaluation and ranking of projects.
5. Fencing was considered an important component of access control and management of sensitive resources, and modifications are suggested for one proposal to increase fencing.

It is the ad hoc subcommittee's hope that projects that did not receive any funding or less than the requested amount will resubmit for next year's grant funding. Mr. Keith Greer of SANDAG staff or I would be available to individual applicants to discuss their ranking and proposals.

The ad hoc committee is recommending that the EMPWG forward to the Regional Planning Committee the following ten projects for funding (Attachment 2).

All of the actual applications and evaluation criteria are available in a PDF format on the SANDAG ftp site located at [ftp://ftpx.sandag.org/sandag/pub/EMP\\_FY2010/](ftp://ftpx.sandag.org/sandag/pub/EMP_FY2010/).

The grant applications will be available at the meeting to review with the EMP Working Group if necessary.

Key Staff Contact: Keith Greer, (619) 699-7390; [kgr@sandag.org](mailto:kgr@sandag.org)

- Attachments:
1. EMPWG Ad Hoc Selection Committee Summary of Land Management Project Evaluations
  2. The Ad Hoc Committee Recommendation on FY 2010 Land Management Grants

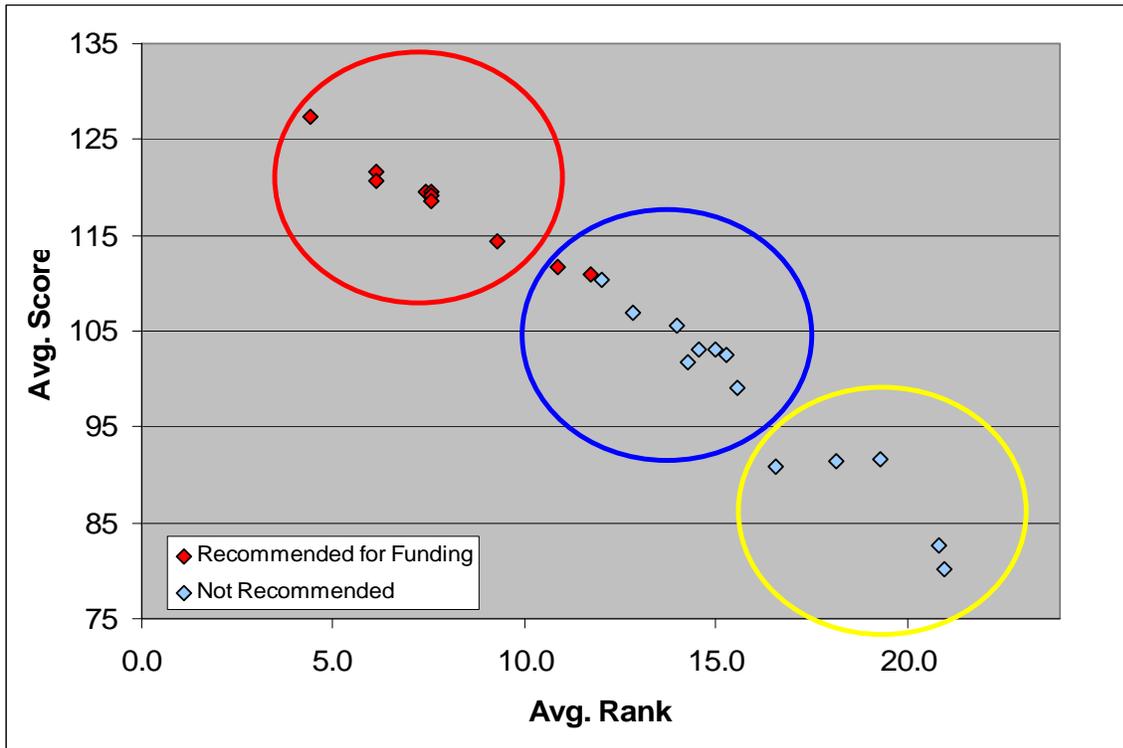


Table 1: Proposed grant projects evaluated by comparing the average raw score and average rank of the seven reviewers. Red, blue, and yellow circles roughly show the top, middle, and lower prioritization of the projects. Red diamonds depicts the projects recommended for funding by the ad hoc committee.

Ad Hoc Rank	Project Name	Requested Funding	Recommended Funding	Average Score	Average Rank	Description of Grant
1	4_SDRC_River Habitat	\$682,962	\$527,739	127.3	4.1	Invasives control & restoration on 216 acres. Installation of 1.59 miles of protective fencing and fence repair on over 2 miles of fence. Increased park patrol and landowner outreach. Three years of funding proposed.
2	20_County_Daley Preserve	\$169,180	\$169,180	121.7	5.6	Invasives control along 9,000 feet of Dulzura Creek. Development of site-specific restoration plan. Permit acquisitions. One year of funding proposed.
3	2_CBI_Southcrest_Crestridge	\$225,930	\$225,930	120.7	5.7	GIS layers of invasive species and MSCP covered plant species. Invasives control and garbage removal. Increased security and public outreach. One year of funding proposed.
4	19_County_Lusardi Creek	\$107,060	\$107,060	119.4	6.9	Invasives control on 194.5 acres. Three years of funding proposed.
5	10_SDPUD_San Pasqual Valley	\$184,623	\$184,623	119.4	7.1	Integrated Weed Management Plan and invasives control on 30 acres along Santa Maria Creek. Three years of funding proposed.
6	1_CBI_SouthCounty_Grassland	\$699,000	\$283,292	119.1	7.1	Detailed habitat assessment of 3,000 acres of grassland & standardized protocols for prioritizing management actions. Determine cost per acre of alternative invasives control and restoration techniques. Two years of funding proposed to include \$100,000 of start-up money added for restoration on 30 acres.
7	18_County_Lakeside Linkage	\$200,824	\$200,824	118.6	7.1	Coast prickly pear cactus planted on 5 acres for adjacent cactus wren populations. Invasives control. Five years of funding proposed.
8	22_CityCV_Tarplant_Thornmint	\$323,605	\$268,428	114.4	8.6	Restoration and enhancement for San Diego thornmint and Otay tarplant. Invasives control, dethatching, and fencing. Three years of funding proposed plus \$30,000 for fencing.
9	13_RBC_Crest Canyon	\$74,480	\$74,480	111.7	10.1	Invasive species map and invasives control. Public outreach and closure of 50-70% of unauthorized trails. Three years of funding proposed.
10	16_SDWMA_Invasive Control	\$108,000	\$43,444	111.0	11.1	Project "A" reduction of perennial pepperweed and yellow starthistle infestations throughout the County. Project "B" treatment of Canary Island St. John's wort in Florida Canyon in Balboa Park. Two year of partial funding proposed to work on Project "A".

Ad Hoc Rank	Project Name	Requested Funding	Recommended Funding	Average Score	Average Rank	Description of Grant
11	11_SWIA_Invasive Control	\$820,000	\$0	110.4	11.3	Invasives control and restoration on 212 acres of riparian habitat in the Tijuana River Valley. Monitoring of treatment effectiveness and public outreach.
12	15_CitySD_Vernal Pools	\$373,300	\$0	107.0	12.0	Restoration and management of vernal pools and plantago populations for Quino checkerspot butterfly. Fencing of Otay Lakes and Proctor Valley vernal complexes.
13	5_LPLF_Mouth Maintenance	\$119,800	\$0	105.6	13.0	Restoration of 469 acres of coastal salt marsh and sandy habitats. Improvement of tidal mixing by removal of 30,000 - 45,000 cubic yards of sand and cobble from lagoon entrance. Placement of that sand and cobble for beach restoration.
14	21_CityCV_Central Preseve	\$289,879	\$0	103.1	14.0	Creation of Preserve Habitat Manager position to expand and initiate programs directed by the Area Specific Management Directives in the City of Chula Vista. Programs include trash removal, access control, and invasives control.
15	12_CLC_Carmel Mountain	\$466,206	\$0	103.0	13.6	Restoration of 7.5 acres of vernal pools and 1.5 acres of short-leaved dudleya habitat. Installation of 3,645 feet of fencing and interpretive boardwalk. Community outreach.
16	7_BLF_Restoration	\$755,017	\$0	102.4	14.4	Annual preparation and maintenance of 5 least tern nesting sites. Monitoring and surveillance of least tern nesting sites. Habitat restoration and community outreach.
17	8_22Ag_Least Tern	\$92,946	\$0	101.7	13.3	Access control on least tern nesting sites through patrols and video surveillance. Educational signage and opportunities for outreach through video monitoring.
18	14_RBC_Mission Bay	\$85,936	\$0	99.0	14.9	Invasive species map of four locations in Mission Bay. Invasives control and distribution of brochures.
19	6_SELCE_Econdido Creek	\$311,908	\$0	91.6	18.0	Cowbird trapping and least Bell's vireo monitoring along 1.3 miles of Escondido Creek. Restoration of 13 acres of southern willow scrub focusing on removal of Eucalyptus.
20	17_Canyonlands	\$324,920	\$0	91.4	17.1	Invasives control and planting of maritime chaparral and coastal sage scrub species in Florida Canyon in Balboa Park. Coordination with community volunteer groups.

<b>Ad Hoc Rank</b>	<b>Project Name</b>	<b>Requested Funding</b>	<b>Recommended Funding</b>	<b>Average Score</b>	<b>Average Rank</b>	<b>Description of Grant</b>
<b>21</b>	<b>3_BCLT_Wright's Field</b>	<b>\$18,250</b>	<b>\$0</b>	<b>90.9</b>	<b>15.3</b>	Repair 100-foot erosion ditch. Control of erosion and run-off and increased retention of groundwater in native grassland. Surveys for Quino checkerspot butterfly, Hermes copper butterfly, and San Diego Thornmint along with associated host plants and pollinator species.
<b>22</b>	<b>9_SDRP_Pamo_Santa Ysabel</b>	<b>\$351,280</b>	<b>\$0</b>	<b>82.6</b>	<b>19.7</b>	Bullfrog eradication at Santa Ysabel Creek Gorge. Creation of 2 staging areas for vehicles to protect arroyo toad habitat along Pamo Road. Designated trail and educational signage.
<b>23</b>	<b>24_Klemm Ranch</b>	<b>\$40,000</b>	<b>\$0</b>	<b>80.1</b>	<b>21.0</b>	Invasives control of pepperweed and salt cedar in San Pasqual River Valley. Arundo and tamarisk removal funded in 2009.
<b>n/a</b>	<b>23_CityCV_Cactus Wren</b>	<b>\$260,032</b>	<b>\$0</b>			Restoration of cactus wren habitat in Salt Creek. County of SD already under contract to complete this work.

## QUALITY OF LIFE STAKEHOLDER WORKING GROUP OVERVIEW OF PROPOSED 2010 MEETING SCHEDULE, TOPICS AND TASKS

January	Group convened for first time and affirmed its mission statement, principles of participation and schedule. Overview provided of IRIS, 2004 <i>TransNet</i> provisions related to habitat conservation funding, ongoing related agency initiatives and Quality of Life community mapping results.
February	Update provided on status of other working groups' related discussions, work product timelines, and ongoing related agency initiatives, including the 2050 Regional Transportation Plan and Urban Area Transit Strategy. Presentation of April 2009 polling results commissioned by The Nature Conservancy was provided and discussed.
March	Discussed availability and implementation requirements of alternative funding mechanisms and received update on recently published court case affecting CEQA review of ballot funding measures.
April	Develop criteria to evaluate program priorities among Quality of Life elements and their appropriateness for funding on a regional basis; provide feedback to SANDAG staff on Urban Area Transit Strategy range of options.
May	Discuss available funding mechanisms and determine which ones are viable and worth continuing to evaluate for one or more of the quality of life elements. Receive presentation on shoreline preservation program funding needs and projected costs and use evaluation criteria developed at April meeting to discuss which funding mechanisms are most appropriate for which shoreline preservation needs.
*June	Receive presentation on habitat conservation program funding needs and projected costs and use evaluation criteria to discuss which funding mechanisms are most appropriate for which habitat conservation needs.
*July	Update on 2050 Regional Transportation Plan (RTP)
August	Summer recess
September	Receive presentation from Water Quality Working Group about water quality program funding needs and projected costs and use evaluation criteria to discuss which funding mechanisms are most appropriate for which water quality needs.
*October	Receive presentation on transit operations and maintenance funding needs and projected costs and use evaluation criteria to discuss which funding mechanisms are most appropriate for which transit O&M needs.
November	Discuss overall quality of life funding strategy that emerges from previous discussion of individual elements and direct SANDAG staff to prepare report that summarizes the Stakeholder Working Group's feedback and conclusions.
*December	Review and approve report providing input to SANDAG Quality of Life Ad Hoc Steering Committee on funding priorities and strategies

\*indicates possible agenda item related to 2050 Regional Transportation Plan (RTP)



**Conceptual Five-Year Funding Strategy**  
Approved September 2010

	REGIONAL COORDINATION	FY06-09	FY 10	FY 11	FY 12	FY 13	FY 14
1	Program Developer	\$300,000	\$150,000	\$0	\$0	\$0	\$0
2	Program Administrator	\$0	\$0	\$250,000	\$250,000	\$250,000	\$250,000
3	Management Coordinator	\$300,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
4	Monitoring Coordinator	\$300,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
5	Administrative Support	\$0	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000
6	Biologist	\$0	\$0	\$150,000	\$150,000	\$150,000	\$150,000
7	GIS Specialist	\$150,000	\$0 <sup>1</sup>	\$150,000	\$150,000	\$150,000	\$150,000
8	Database Specialist	\$0	\$0	\$150,000	\$150,000	\$150,000	\$150,000
9	GIS/Database Technican	\$0	\$0	\$130,000	\$130,000	\$130,000	\$130,000
	<b>Subtotal Regional Coordination</b>	<b>\$1,050,000</b>	<b>\$540,000</b>	<b>\$1,220,000</b>	<b>\$1,220,000</b>	<b>\$1,220,000</b>	<b>\$1,220,000</b>
	<b>REGIONAL MANAGEMENT</b>						
10	Conserved Lands Database Development	\$125,000	\$0	\$0	\$0	\$0	\$0
11	Land Management Implementation	\$5,280,000	\$2,085,000	\$1,640,000	\$1,645,000	\$2,040,000	\$1,540,000
12	Invasive Species Mapping	\$250,000	\$0 <sup>1</sup>	\$0	\$0	\$0	\$0
13	Updated Vegetation Mapping	\$300,000	\$300,000	\$0	\$0	\$0	\$0
14	Enforcement	\$220,000	\$150,000	\$0	\$0	\$0	\$0
15	Preseve level management plan standardization	\$0	\$225,000				
	<b>Subtotal Regional Management</b>	<b>\$6,175,000</b>	<b>\$2,760,000</b>	<b>\$1,640,000</b>	<b>\$1,645,000</b>	<b>\$2,040,000</b>	<b>\$1,540,000</b>
	<b>REGIONAL MONITORING</b>						
16	Post Fire Monitoring	\$1,725,000	\$0 <sup>1</sup>	\$325,000	\$325,000	\$325,000	\$325,000
17	Vegetation Monitoring	\$295,000	\$0 <sup>1</sup>	\$0	\$0	\$165,000	\$165,000
18	Rare and Endemic Plant Monitoring	\$300,000	\$0 <sup>1</sup>	\$0	\$295,000	\$0	\$0
19	California Gnatcatcher Monitoring	\$740,000	\$0 <sup>1</sup>	\$445,000	\$0	\$0	\$500,000
20	California Coastal Cactus Wren Monitoring & Recovery	\$300,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
21	Burrowing Owl Monitoring	\$145,000	\$150,000	\$0	\$0	\$0	\$0
22	Rare Butterfly Monitoring	\$170,000	\$60,000	\$120,000	\$120,000	\$0	\$0
23	Wildlife Corridor and Linkages Monitoring (including genetic studies)	\$100,000	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000
24	Other Species Monitoring (e.g. priority 2 species)	\$0	\$140,000	\$0	\$145,000	\$0	\$0
	<b>Subtotal Regional Monitoring</b>	<b>\$3,775,000</b>	<b>\$700,000</b>	<b>\$1,140,000</b>	<b>\$1,135,000</b>	<b>\$740,000</b>	<b>\$1,240,000</b>
	<b>TOTAL FUNDING STRATEGY</b>	<b>\$11,000,000</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>
	Note: Some activities will require implementation over multiple years.						
				<b>1 Funds encumbered in FY09 are available in FY 2010</b>			