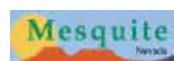




desert conservation
PROGRAM



2011-2013
biennium progress report



Streamlining development, protecting species, and preserving our future.

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INTRODUCTION

As required in Section 2.12.2.7 of the Clark County Multiple Species Habitat Conservation Plan, this document represents a composite final biennium progress report for the period July 1, 2011 through June 30, 2013. The biennial progress report is compiled every two years to document projects, activities, accomplishments, revenues and expenditures implemented or incurred during each two-year time frame pursuant to implementation of the Multiple Species Habitat Conservation Plan. The report provides a summary of progress by internal efforts, agencies and contractors implementing approved conservation projects, reports land disturbance activities and revenues generated as a result of those activities, provides an accounting of expenses incurred, and documents desert tortoise pickup service and disposition activities implemented during the two-year period.

DESERT CONSERVATION PROGRAM HISTORY

The Clark County Desert Conservation Program was initiated in 1989 following the listing of the desert tortoise as threatened under the Endangered Species Act. The listing occurred as a result of illegal collection, vandalism, disease, urban growth, road construction and irresponsible off-road vehicle use throughout desert tortoise habitat. The Endangered Species Act prohibits the "take" of any threatened or endangered species listed pursuant to the Endangered Species Act. Take is broadly defined by the Endangered Species Act as equivalent to "harass, harm, pursue, hunt, shoot, wound, kill, capture, or collect."

The Desert Conservation Program is responsible for ensuring compliance with the Section 10(a)(1)(B) incidental take permit (Permit) and Multiple Species Habitat Conservation Plan issued to Clark County and the Permittees (the cities of Boulder City, Henderson, Las Vegas, Mesquite and North Las Vegas; and the Nevada Department of Transportation) in 2001. The incidental take permit exempts the Permittees from the prohibited take provisions of the Endangered Species Act (Section 9). More specifically, the Permit allows private property owners to develop land in Clark County without individual project consultations with the United States Fish and Wildlife Service.

The Multiple Species Habitat Conservation Plan and Permit allow for the disturbance (development) of up to 145,000 acres of non-federal (private) lands in Clark County and provides coverage for the incidental take of covered species listed in the Permit. As a condition of the Permit, and as defined in the Multiple Species Habitat Conservation Plan, the Permittees have agreed to mitigate future potential impacts on and assist in the recovery of a broad range of other species residing in all of the habitats located within Clark County and reduce the likelihood that additional covered species will need to be listed as threatened or endangered in the foreseeable future.

There are 78 federal and state listed species covered by the Multiple Species Habitat Conservation Plan, including the federally listed desert tortoise and Southwestern willow flycatcher, and the Nevada state listed Las Vegas bearpoppy. Clark County serves as Plan Administrator on behalf of the Permittees. The Permit is valid for 30-years from the date of approval by the United States Fish and Wildlife Service.

2011-2013 BIENNIUM PROGRESS REPORT

Clark County is required to collect and expend mitigation funds to implement conservation actions in accordance with terms outlined in the Multiple Species Habitat Conservation Plan and associated incidental take permit. The Multiple Species Habitat Conservation Plan provides funding for conservation projects to various federal, state, and local agencies, nonprofit organizations and private contractors from mitigation fees collected pursuant to Section 10 of the Endangered Species Act and proceeds from the disposal of federal land in Clark County authorized by the Southern Nevada Public Land Management Act.

LAND DISTURBANCE AND REVENUES GENERATED

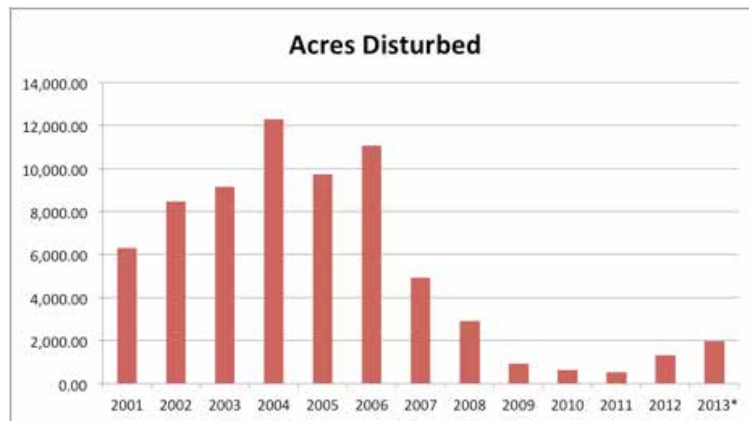
The Permittees maintain monthly Disturbance and Fee Reports per Section 2.12.2.2 of the Multiple Species Habitat Conservation Plan, documenting land disturbance through the permitting processes within each entity’s jurisdiction. Those reports are submitted to Clark County for tracking.

In summary, 4,316.51 acres were disturbed under Section 10 generating \$2,374,030.50 during the period from July 1, 2011 through June 30, 2013. During this period \$1,481,878.23 was generated in interest for Section 10.

Revenues in the 2011-2013 biennium increased in comparison to the 2009-2011 biennium, but still remain below the average of other biennia. During the next biennium, the Permittees anticipate that disturbance activities will continue to increase, but may remain below average.

Calendar Year	Acres
2001	6,292.46
2002	8,475.58
2003	9,144.37
2004	12,298.22
2005	9,733.10
2006	11,083.12
2007	4,944.92
2008	2,894.04
2009	907.84
2010	632.48
2011	535.76
2012	1,337.85
2013*	1,973.90

*01/01/2013-06/30/2013



Errata note: The number of acres disturbed provided in the 2009-2011 Biennium Report “Acres Disturbed” table on page 4 were reported incorrectly.

PROJECTS AND EXPENDITURES

During the 2011-2013 biennium Clark County managed 33 internal program budgets with multiple projects and administered a total of 54 agreements or contracts to 38 different agencies and contractors. See the Project Reports section of this document to review project activities during this biennium. The project reports include a brief summary of each project, including the name of the agency or contractor, project description, project status, partners, contact, funding awarded and contract term, where applicable. Note that many projects span more than one biennium. Projects from previous biennia that overlapped the 2011-2013 biennium are included, if work was conducted or funds expended within the 2011-2013 biennium timeframe.

Project Reporting Process

Agencies and contractors receiving funding for the 2011-2013 biennium were required to submit quarterly reports and one final project report to the Desert Conservation Program's Program Administrator. These reports are collected and posted on the Clark County Desert Conservation Program website at: <http://www.clarkcountynv.gov/depts/dcp/pages/default.aspx>

USES FOR THIS REPORT

This report will be used to comply with the requirements of the Multiple Species Habitat Conservation Plan as outlined in Section 2.12.1 "Progress Report Implementation Plan and Budget" of the Multiple Species Habitat Conservation Plan, and to reaffirm Clark County's commitment as a steward of the plan and the Desert Conservation Program. In addition, the report will be used to clearly benchmark accomplishments, recommendations and fiscal activities of the program. Finally, it will aid in planning future program activities as the Desert Conservation Program matures and provide a benchmark from which to measure future progress. The final draft of this biennium report will be presented to the Clark County Board of Commissioners and formally submitted to the United States Fish and Wildlife Service.

To obtain further information about the Clark County Desert Conservation Program, please write to Clark County Department of Comprehensive Planning, Desert Conservation Program, 500 S. Grand Central Parkway, 1st Floor, Las Vegas, NV 89106, call (702) 455-3536, email: dcp@clarkcountynv.gov or visit the website at: <http://www.clarkcountynv.gov/depts/dcp/pages/default.aspx>

MASTER LIST OF PROJECTS



CLARK COUNTY DESERT CONSERVATION PROGRAM 2011-2013 BIENNIUM PROGRESS REPORTS

Sorted by project number

Project #	Full Project Number	Funding Source	Agency / Contractor	Project Title	Start	End	Amount Awarded	Status as of 06/30/2013	Notes	Report Included
497A	2005-CC-497A	SNPLMA R6	Desert Conservation Program	Rare Plant Inventories	02/15/2007	02/15/2012	\$414,356.80	Completed	N/A	YES
503	2005-BLM-503	SNPLMA R6	Bureau of Land Management	Roads Monitoring on BLM Lands	01/05/2010	12/15/2011	\$458,200.00	Completed	N/A	YES
525	2005-NPS-525	SNPLMA R6	National Park Service	Lake Mead GIS and Data Mgmt Support	01/02/2008	02/14/2012	\$312,788.00	Completed	N/A	YES
532	2005-NPS-532	SNPLMA R6	National Park Service	Threats Research and Monitoring on Invasive Species Sahara Mustard	09/01/2009	01/01/2012	\$88,674.00	Completed	N/A	YES
544P	2005-CC-544P	SNPLMA R6	Desert Conservation Program	Desert Conservation Program Administration	02/14/2007	02/14/2012	\$3,646,939.00	Completed	Umbrella Project Number See Project 900	NO
553	2005-CC-553	SNPLMA R6	Desert Conservation Program	Media and Outreach Development	02/27/2007	02/27/2012	\$264,000.00	Completed	Umbrella Project Number See Project 916	NO
553-4-A	2005-JOSHUATREE-553-4-A	SNPLMA R6	Joshua Tree Productions	DCP Video and Photos	04/04/2011	11/30/2011	\$5,000.00	Completed	See Project 916	NO
553-6-K	2005-WOOD-553-6-K	SNPLMA R6	Natalie Wood	Mojave Max Website Development	06/01/2011	11/30/2011	\$2,000.00	Completed	See Project 916	NO
553-8-B	2005-STEVENKIDS-553-8-B	SNPLMA R6	Steve-N-Kids	Mojave Max Mascot Appearances	03/17/2010	11/30/2011	\$23,000.00	Completed	See Project 916	NO
557	2005-NHP-557	SNPLMA R6	Nevada Natural Heritage Program	Sensitive Species Data Management	06/16/2009	12/30/2011	\$180,000.00	Completed	N/A	YES
559	2005-CC-559	SNPLMA R6	Desert Conservation Program	MM Emergence Contest Partnership & Partnership Dev	02/14/2007	02/14/2012	\$440,000.00	Completed	Umbrella Project Number See Project 916	NO
559A	2005-RRCIA-559A	SNPLMA R6	Red Rock Canyon Interpretive Association	Mojave Max Education Program Development	09/04/2007	12/31/2011	\$400,000.00	Completed	See Project 916	YES
561B	2005-CC-561B	SNPLMA R6	Desert Conservation Program	Muddy River Property Management	02/27/2007	02/27/2012	\$286,726.00	Completed	See Project 915	NO
570C	2005-PINYON-570C	SNPLMA R6	Pinyon Environmental Engineering	Butterfly Monitoring and Inventories	01/19/2010	11/15/2011	\$97,566.00	Completed	N/A	YES
574	2005-CC-574	SNPLMA R6	Desert Conservation Program	Adaptive Management Program	02/14/2007	06/14/2012	\$3,245,368.50	Completed	Umbrella Project Number See Project 801	NO
574B	2005-USGS-574B	SNPLMA R6	U.S. Geological Survey	Expert Advice	07/06/2007	10/31/2011	\$430,000.00	Completed	See Project 801	NO
574M	2005-SOUND SCIENCE-574M	SNPLMA R6	Sound Science LLP	Peer Review for MSHCP Documents	03/01/2009	12/31/2011	\$22,000.00	Completed	See Project 801	NO
574P	2005-TSG-574P	SNPLMA R6	Terraspectra Geomatic	Peer Review of GIS Data and Methods	03/01/2010	12/30/2011	\$23,000.00	Completed	See Project 801	NO
574T	2005-PINYON-574T	SNPLMA R6	Desert Conservation Program	Butterfly Monitoring-Phase 2 for 570C	05/05/2011	11/15/2011	\$11,866.00	Completed	See Project 570C	NO
578	2005-UNR-578	SNPLMA R6	University of NV - Reno	Ecosystem Indicators: Change Detection	10/07/2008	08/31/2011	\$1,300,000.00	Completed	N/A	YES
581	2005-GBBO-581	SNPLMA R6	Great Basin Bird Observatory	Developing Habitat Models and Monitoring Techniques for 9 Rare Birds	10/16/2007	03/31/2014	\$719,939.00	In Progress	N/A	YES
605	2005-CC-605	SNPLMA R6	Desert Conservation Program	Volunteer Resource Stewardship	02/27/2007	02/27/2012	\$275,000.00	Completed	Umbrella Project Number	YES
605A	2005-SWAIN-605A	SNPLMA R6	D'Swain Associates	Volunteer Resource Stewardship	08/02/2011	12/31/2011	\$25,000.00	Completed	See Project 605	NO
609	2005-CC-609	SNPLMA R6	Desert Conservation Program	Adaptive Mgmt of Info Gather and Analysis Projects	02/07/2007	02/27/2012	\$550,000.00	Completed	Umbrella Project Number See Project 609F	NO

CLARK COUNTY DESERT CONSERVATION PROGRAM 2011-2013 BIENNIUM PROGRESS REPORTS cont.

Sorted by project number

Project #	Full Project Number	Funding Source	Agency / Contractor	Project Title	Start	End	Amount Awarded	Status as of 06/30/2013	Notes	Report Included
609F	2005-UNLV-609F	SNPLMA R6	University of NV - Las Vegas	Gypsum Soils Analysis Technical Conditions	09/15/2009	10/01/2011	\$340,000.00	Completed	N/A	YES
705	2007-BLM-705	SNPLMA R8	Bureau of Land Management	Road Designation and Monitoring	N/A	12/05/2013	\$245,367.00	Cancelled	See Project 705A	NO
705A	2007-PACIFIC-705A	SNPLMA R8	Pacific Traffic & Transit Data Services	Road Use Monitoring	06/01/2012	08/15/2013	\$14,970.50	In Progress	N/A	YES
719	2007-CC-719	S10 07-09	Desert Conservation Program	DT Pickup Service, Transfer & Holding	07/01/2007	09/30/2014	\$800,000.00	In Progress	Umbrella Project Number See Project 803	NO
719M	2007-KLA-719M	S10 07-09	Knight & Leavitt Associates	Desert Tortoise Pick Up Service	09/11/2009	02/15/2012	\$104,000.00	Completed	See Project 803	NO
719O	2007-SDZ-719O	S10 07-09	Zoological Society of San Diego	Desert Tortoise Shipping	05/23/2013	09/15/2013	\$10,350.00	In Progress	See Project 803	NO
719P	2007-GEORGIA-719P	S10 07-09	University of Georgia	Desert Tortoise Endosurgery Study	05/23/2013	09/15/2013	\$3,045.00	In Progress	See Project 803	NO
722	2007-CC-722	S10 07-09	Desert Conservation Program	Management of Acquired Land & Water Rights	06/30/2007	09/30/2014	\$150,000.00	In Progress	Umbrella Project Number See 915	NO
722A	2007-BUSCHELMAN-722A	S10 07-09	Michael Buschelman Consulting, Inc.	Surface Water Rights Consulting	12/17/2007	01/31/2012	\$49,600.00	Completed	See Project 915	NO
801	2009-CC-801	S10 09-11	Desert Conservation Program	Adaptive Management Program	07/01/2009	04/30/2016	\$974,950.00	In Progress	Umbrella Project Number	YES
801A	2009-ECO-801A	S10 09-11	Enduring Conservation Outcomes	MSHCP Science Advisor	10/06/2009	01/30/2013	\$501,105.00	Completed	See Project 801	NO
801B	2009-UNLV-801B	S10 09-11	University of NV - Las Vegas	Wesley E Niles Herbarium Services	11/19/2010	12/31/2011	\$5,000.00	Completed	See Project 801	NO
801C	2009-TNC-801C	S10 09-11	The Nature Conservancy of NV	Peer Review	03/22/2012	02/15/2013	\$36,225.00	Completed	See Project 801	NO
801D	2009-ECO-801D	S10 09-11	Enduring Conservation Outcomes	Science Advisor for the Desert Conservation Program	02/05/2013	01/31/2016	\$429,997.00	In Progress	See Project 801	NO
802	2009-CC-802	S10 09-11	Desert Conservation Program	BCCE Manage, Maint & Law Enforcement	07/01/2009	09/30/2014	\$340,000.00	In Progress	Umbrella Project Number See Project 910	NO
802F	2009-ROAD-802F	S10 09-11	RoadSafe Traffic Systems	BCCE Traffic Control Plan & Signage	05/23/2013	07/31/2013	\$508.00	In Progress	See Project 910	NO
803	2009-CC-803	S10 09-11	Desert Conservation Program	DT Hotline and Pick-Up Service	07/01/2009	09/30/2014	\$595,000.00	In Progress	Umbrella Project Number	YES
803A	2009-KLA-803A	S10 09-11	Knight & Leavitt Associates	Wild DT Assistance Line	03/20/2012	12/31/2013	\$49,100.00	In Progress	See Project 803	NO
804	2009-CC-804	S10 09-11	Desert Conservation Program	Desert Tortoise Fencing S10	07/01/2009	09/30/2014	\$425,000.00	In Progress	Umbrella Project Number	YES
804A	2009-NDF-804A	S10 09-11	NV Division of Forestry	Fencing Installation & Maintenance	04/19/2011	03/31/2014	\$40,000.00	In Progress	See Project 804	NO
805	2009-CC-805	S10 09-11	Desert Conservation Program	Mgmt of Acquired Properties & Water Rights	07/01/2009	01/31/2016	\$255,000.00	In Progress	Umbrella Project Number See Project 915	NO
805H	2009-BLM-805H	S10 09-11	Bureau of Land Management	Virgin River Cadastral Survey	06/21/2011	04/20/2013	\$105,000.00	Completed	See Project 915	NO
805I	2009-NANCE-805I	S10 09-11	Doug Nance	Muddy River Property Management	01/15/2011	01/30/2012	\$19,415.00	Completed	See Project 915	NO
805P	2009-NANCE-805P	S10 09-11	Doug Nance	Muddy River Property Mgmt 2013	12/21/2012	01/31/2014	\$21,740.00	In Progress	See Project 915	NO
805Q	2009-BUSCH-805Q	S10 09-11	Michael Buschelman Consulting, Inc.	Water Rights Consulting -2013	06/12/2013	10/30/2016	\$35,500.00	In Progress	See Project 915	NO

CLARK COUNTY DESERT CONSERVATION PROGRAM 2011-2013 BIENNIUM PROGRESS REPORTS cont.

Sorted by project number

Project #	Full Project Number	Funding Source	Agency / Contractor	Project Title	Start	End	Amount Awarded	Status as of 06/30/2013	Notes	Report Included
806	2009-CC-806	S10 09-11	Desert Conservation Program	Public Information and Education	07/01/2009	09/30/2013	\$170,000.00	In Progress	Umbrella Project Number See Project 916	NO
806A	2009-RRCIA-806A	S10 09-11	Red Rock Canyon Interpretive Association	Mojave Max Education Program	10/03/2011	07/31/2013	\$170,000.00	In Progress	See Project 916	NO
807	2009-CC-807	S10 09-11	Desert Conservation Program	OHV Education	07/01/2009	09/30/2013	\$350,000.00	Not Started	Umbrella Project Number	YES
808	2009-CC-808	S10 09-11	Desert Conservation Program	Assmt of Post-Fire Rehab of DT Habitat in CC	07/01/2009	10/31/2013	\$400,000.00	In Progress	Umbrella Project Number See Project 808A	NO
808A	2009-USGS-808A	S10 09-11	U.S. Geological Survey	Assessment of Post-Fire Rehab of DT Habitat in CC	04/06/2010	09/28/2013	\$400,000.00	In Progress	N/A	YES
809	2009-CC-809	S10 09-11	Desert Conservation Program	Restoration of DT & Gypsum Habitat	07/01/2009	09/30/2014	\$300,000.00	In Progress	Umbrella Project Number	YES
809B	2009-SOIL-809B	S10 09-11	Soil-Tech Company	BCCE Restoration-Phase I	11/01/2012	02/28/2013	\$14,888.29	Completed	See Project 809	NO
810	2009-CC-810	S10 09-11	Desert Conservation Program	Relict Leopard Frog Conservation	07/01/2009	10/31/2014	\$270,000.00	In Progress	See Project 810A	NO
810A	2009-NPS-810A	S10 09-11	National Park Service	Relict Leopard Frog Conservation	01/18/2011	07/31/2014	\$270,000.00	In Progress	N/A	YES
811	2009-CC-811	S10 09-11	Desert Conservation Program	Desert Tortoise Monitoring 2011	07/01/2009	02/28/2015	\$386,260.00	In Progress	Umbrella Project Number	YES
811A	2009-TSG-811A	S10 09-11	Terraspectra Geomatic	Remote Sensing - 2013	03/13/2013	12/31/2014	\$24,297.00	In Progress	See Project 811	NO
814	2009-CC-814	S10 09-11	Desert Conservation Program	Permit Amendment 09-11	07/01/2009	09/30/2013	\$660,000.00	In Progress	Umbrella Project Number See Project 1014	YES
814A	2009-SMART-814A	S10 09-11	Smart Growth Engineering	Development Process Analysis	03/07/2011	09/30/2011	\$44,500.00	Completed	See Project 1014	NO
900	2011-CC ADMIN-900	S10 11-13	Desert Conservation Program	MSCHP Administration 11-13	07/01/2011	12/31/2013	\$5,348,302.50	Completed	Umbrella Project Number	YES
910	2011-CCBCCCE-910	S10 11-13	Desert Conservation Program	BCCE Mgmt, Maint & LE 11-13	06/21/2011	09/30/2014	\$411,000.00	In Progress	Umbrella Project Number	YES
910A	2011-BC-910A	S10 11-13	City of Boulder City	BCCE Law Enforcement	06/07/2011	08/31/2013	\$225,378.00	In Progress	See Project 910	NO
915	2011-CC PROPMGMT-915	S10 11-13	Desert Conservation Program	Property & Water Rights Mgmt 11-13	07/01/2011	01/31/2016	\$140,600.00	In Progress	Umbrella Project Number	YES
915A	2011-NPS-915A	S10 11-13	National Park Service	Muddy River Weed Management	02/19/2013	10/30/2015	\$108,000.00	In Progress	See Project 915	NO
916	2011-CC INFO&ED-916	S10 11-13	Desert Conservation Program	Information & Education 11-13	07/01/2011	09/30/2013	\$139,000.00	In Progress	Umbrella Project Number	YES
916A	2011-WOOD-916A	S10 11-13	Natalie Wood	2012 MM Web Enhance & Social Media Dev	03/26/2012	02/15/2013	\$2,000.00	Completed	See Project 916	NO
916D	2011-KNPR-916D	S10 11-13	KNPR	Mojave Max Contest Campaign 2013	01/01/2012	06/30/2013	\$5,805.00	Completed	See Project 916	NO
916E	2011-COX-916E	S10 11-13	Cox Media, LLC	Mojave Max Contest TV Campaign 2013	12/12/2012	06/30/2013	\$7,984.00	Completed	See Project 916	NO
916F	2011-LVRJ-916F	S10 11-13	Las Vegas Review Journal	Mojave Max Contest Print Campaign 2013	12/12/2012	06/30/2013	\$12,316.20	Completed	See Project 916	NO
916H	2011-STEVENKIDS-916H	S10 11-13	Steve-N-Kids	Mojave Max Mascot Appearances	03/06/2013	06/30/2013	\$5,000.00	Completed	See Project 916	NO
916M	2011-ZEE-916M	S10 11-13	Zee Designs, Inc.	Mojave Max Pamphlets	04/03/2013	06/30/2013	\$7,569.00	Completed	See Project 916	NO

CLARK COUNTY DESERT CONSERVATION PROGRAM 2011-2013 BIENNIUM PROGRESS REPORTS cont.

Sorted by project number

Project #	Full Project Number	Funding Source	Agency / Contractor	Project Title	Start	End	Amount Awarded	Status as of 06/30/2013	Notes	Report Included
917	2011-CC RIPAQ-917	S10 11-13	Desert Conservation Program	Riparian Property Acquisition 11-13	07/01/2011	09/30/2015	\$3,200,000.00	In Progress	Umbrella Project Number	YES
920	2011-CC-920	SNPLMA R12	Desert Conservation Program	BCCE Visitor & Use Management	09/04/2012	09/03/2015	\$42,000.00	In Progress	See Project 910	NO
921	2011-CC-921	SNPLMA R12	Desert Conservation Program	Desert Use Media Campaign	09/04/2012	09/03/2015	\$50,000.00	In Progress	See Project 916	NO
921A	2011-PIN-921A	SNPLMA R12	Pinpoint Publications	Stay On The Trail Advertising - Spring 2013	03/06/2013	06/30/2013	\$5,950.00	Completed	See Project 921	NO
921B	2011-LVRJ-921B	SNPLMA R12	Las Vegas Review Journal	Responsible Desert UserAd Campaign	03/15/2013	06/30/2013	\$18,900.00	Completed	See Project 921	NO
921C	2011-WEIR-921C	SNPLMA R12	Weir Marketing	Billboards - Responsible Desert Use	04/03/2013	06/30/2013	\$12,070.00	Completed	See Project 921	NO
1011	2007-CC-1011	SNPLMA R8	Desert Conservation Program	Amendment of the CC MSHCP and ITP	09/05/2008	09/04/2013	\$2,672,120.00	In Progress	Umbrella Project Number See Project 1014	NO
1011B	2007-PBSJ-1011B	SNPLMA R8	PBS & J	Biological Environmental Consultant	01/20/2009	08/31/2013	\$623,320.00	Closed (Terminated)	See Project 1014	NO
1012	2007-USFWS-1012	SNPLMA R8	US Fish & Wildlife Service	Desert Tortoise Monitoring	09/05/2008	09/07/2018	\$0.00	Cancelled	See Project 1012A	NO
1012A	2007-CC-1012A	SNPLMA R8	Desert Conservation Program	Desert Tortoise Monitoring	09/05/2008	09/07/2018	\$1,134,842.00	In Progress	Umbrella Project Number	YES
1012B	2007-NEWFIELDS-1012B	SNPLMA R8	Newfields	Desert Tortoise Occupancy Sampling Crews	01/07/2013	08/31/2013	\$120,000.00	In Progress	See Project 1012	NO
1014	2007-CC-1014	S10 07-09	Desert Conservation Program	Permit Amendment Administration	07/01/2007	06/30/2015	\$1,010,299.00	In Progress	Umbrella Project Number	NO
1014B	2007-EIMS-1014B	S10 07-09	Ebbin Moser + Skaggs, LLP	Permit Amendment Legal Counsel	07/15/2008	06/30/2015	\$913,000.00	In Progress	See Project 1014	NO

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PROJECT REPORTS



LEAD AGENCY

Clark County Desert Conservation Program

PROJECT TITLE AND NUMBER

Rare Plant Inventories
2005-CC-497A
SNPLMA R6

PROJECT DESCRIPTION

The purpose of this project was to use the data collected from the Rare Plant Inventory project (2005-JS-497B) to develop a rare plant model to help predict the possible location of ten rare plant species in Clark County. Data collected also increased the knowledge of the phenology and habitats of rare plants and plant communities.

PROJECT STATUS – Completed

- Deobligated remaining funds in the amount of \$0.80 and returned them to Southern Nevada Public Land Management Act; and
- Closed funding agreement with the Bureau of Land Management.

AGENCY PROJECT CONTACT

Elizabeth Bickmore
Environmental Specialist
Clark County Desert Conservation
Program
500 So. Grand Central Parkway
Las Vegas, NV 89106
702-455-2972
Bickmore@clarkcountynv.gov

FUNDING AMOUNT AWARDED

\$414,356.80

CONTRACT TERM

02/15/2007 through 02/15/2012



LEAD AGENCY**Bureau of Land Management (BLM)****PROJECT TITLE AND NUMBER****Roads Monitoring on BLM Lands**
2005-BLM-503
SNPLMA R6**PROJECT DESCRIPTION**

The purpose of this project was to document where resource damage was occurring within Areas of Critical Environmental Concern (ACEC); evaluate why it is occurring; and make management recommendations regarding actions to reduce these impacts. This was accomplished by collecting data on condition and use of designated (non-paved) roads and making management decisions to help reduce threats to covered species. One way to reduce threats that was included in this project was public education.

PROJECT STATUS – Completed

- Completed seven quarterly reports and seven monitoring reports;
- Conducted a total of 169 site visits;
- Participated in six outreach events throughout Clark County;
- Completed design of three distinct brochures;
- Completed designs, National Environmental Policy Act documentation and installation of eight interpretive kiosks and ten single panel interpretive signs within the project area;
- Completed annual and final data deliveries;
- Completed a work plan, data management plan and sign plan;
- Designed updates for the BLM web page including maps, ACEC descriptions, and a summary of the road monitoring project; and
- Completed the Final Project Report, Final Biennium Progress Summary Report and Final Project Review Summary Form.

AGENCY PROJECT CONTACT

Carolyn Ronning
MSHCP Coordinator
BLM Las Vegas Field Office
4701 N. Torrey Pines Drive
Las Vegas, NV 89130
702- 438-5218
cronning@blm.gov

FUNDING AMOUNT AWARDED

\$458,200.00

CONTRACT TERM

01/05/2010 through 12/15/2011



LEAD AGENCY

National Park Service (NPS), Lake Mead National Recreation Area

PROJECT TITLE AND NUMBER

Lake Mead Geographic Information System GIS and Data Management Support
2005-NPS-525
SNPLMA R6

AGENCY PROJECT CONTACT

Mark Sappington
GIS Specialist
National Park Service, Lake Mead
National Recreation Area
601 Nevada Way
Boulder City, NV 89005
702-293-8974
mark_sappington@nps.gov

FUNDING AMOUNT AWARDED

\$312,788.00

CONTRACT TERM

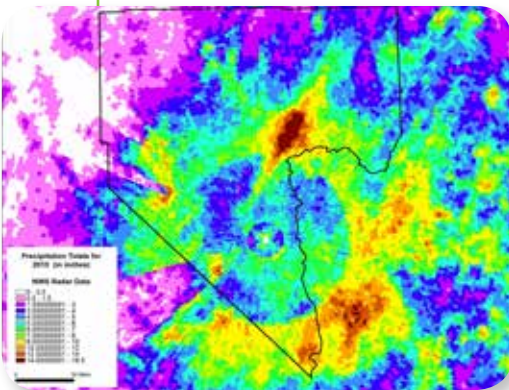
01/02/2008 through 02/14/2012

PROJECT DESCRIPTION

This project was funded to provide GIS and data management support for other SNPLMA-funded projects taking place on National Park Service lands. Support included assistance with project design; development of spatial and tabular databases; development of field data collection methodologies using global positioning system (GPS) receivers, mapping software, and data dictionaries; assistance with data analysis; development of database queries and reports; development of GIS habitat models and maps; and other GIS and GPS technical assistance as needed. In addition, this project developed spatial and tabular databases from mined historic agency resource data and maps to provide information important to MSHCP implementation on NPS lands.

PROJECT STATUS – Completed

- Performed quality assurance/quality control checks on data and records and updated metadata for 2005-NPS-532 (Threats, Research and Monitoring on the Invasive Species Sahara Mustard);
- Developed GIS information from mined historic data for abandoned mine lands and climate;
- Storm total precipitation data from the National Weather Service radar archive for 2010 was downloaded, processed, and compiled into annual total precipitation;
- Precipitation data from the National Weather Service from 3/2011 to 10/2011 was downloaded and incorporated into the overall precipitation database; and
- Locations of mine features and hazards were updated with new field data.



LEAD AGENCY

National Park Service (NPS), Lake Mead National Recreation Area

PROJECT TITLE AND NUMBER**Threats Research and Monitoring on the Invasive Species Sahara Mustard**

2005-NPS-532

SNPLMA R6

PROJECT DESCRIPTION

The purpose of this study was to gain knowledge about Sahara mustard and devise efficient methods of control and removal in order to better protect the MSHCP covered species and the habitat that supports them.

PROJECT STATUS – Completed

- Developed and implemented six detailed experimental designs;
- Tested the effects of manual treatments of Sahara mustard in the field;
- Tested the effects of herbicide applications of three herbicides on Sahara mustard in the field;
- Attempted to test genetic variability of varying plant sizes of Sahara mustard;
- Conducted experiments to test the effects of six light treatments on seed germination;
- Attempted to conduct experiments to determine the mating system of Sahara mustard plants;
- Conducted seed bank viability experiments for 6, 12, 18 and 21 month burial times;
- Conducted germination experiments to determine effects of Sahara mustard treatments on seed viability;
- Prepared summary of experiment results and developed recommendations for Sahara mustard treatments for land managers; and
- Published a paper based on Sahara mustard studies:
 - Abella, S. L. (2011). Effects of burial depth and substrate on the emergence of *Bromus rubens* and *Brassica tournefortii*. *Bulletin of the Southern California Academy of Sciences*, 110, 17-24.

AGENCY PROJECT CONTACT

Alice C. Newton
Vegetation Management Specialist
National Park Service, Lake Mead
National Recreation Area
601 Nevada Way
Boulder City, NV 89005
702-293-8977
Alice_Corrine_Newton@nps.gov

FUNDING AMOUNT AWARDED

\$88,674.00

CONTRACT TERM

09/01/2009 through 01/01/2012



LEAD AGENCY

Nevada Natural Heritage Program

PROJECT TITLE AND NUMBER

Sensitive Species Data Management
2005-NHP-557
SNPLMA R6

PROJECT DESCRIPTION

The purpose of this project was to continue the development and update of the Nevada Natural Heritage Program (NNHP) biological datasets for sensitive species within Clark County. Funding was provided to NNHP to coordinate data management of sensitive species addressed under the MSHCP, coordinate data transactions in and out of NNHP's central repository directly with Federal, state, Clark County, and other MSHCP participants, to provide periodic data deliveries to County in GIS format, and to create custom database or GIS data sets and deliver to County, if requested.

This project was an on-going data compilation and mapping project. Over the course of the project, NNHP staff incorporated new and updated information into their databases and delivered quarterly updates of this database to the County. With the completion of this project 1,214 observations of 11 rare species have been incorporated or updated. Species worked on were chosen in consultation with the County and were based on priorities of the MSHCP.

AGENCY PROJECT CONTACT

Jennifer Newmark
Administrator
Nevada Natural Heritage Program
901 So. Stewart Street, Suite 5002
Carson City, NV 89702
775-684-2904
jnewmark@heritage.nv.gov

FUNDING AMOUNT AWARDED

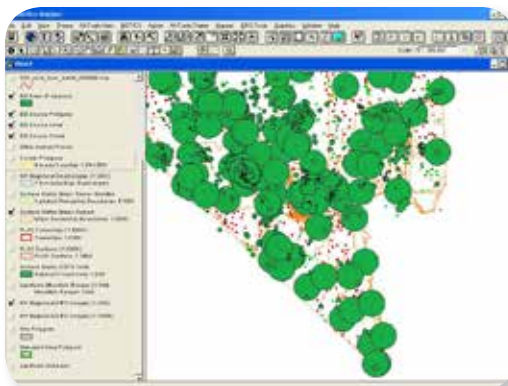
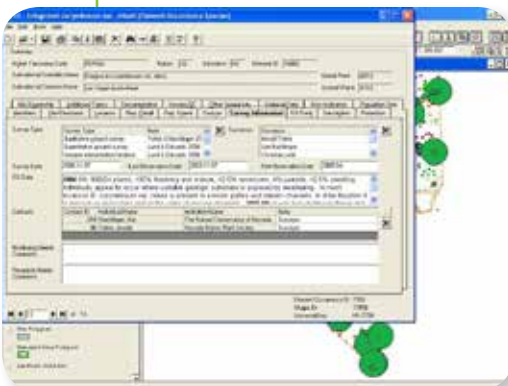
\$180,000.00

CONTRACT TERM

06/16/2009 through 12/30/2011

PROJECT STATUS – Completed

- Provided ongoing data compilation and mapping;
- Conducted a project Kickoff Meeting;
- Created and submitted an Annual Work Plan;
- Created and submitted a Data Management Plan; and
- Participated in a Data Coordination meeting where diverse datasets were compared to start the process of reconciling datasets and incorporating new information.



LEAD AGENCY

Pinyon Environmental Engineering Resources, Inc.

PROJECT TITLE AND NUMBER**Butterfly Monitoring and Inventories**

2005-PINYON-570C

SNPLMA R6

Butterfly Monitoring Phase II

2005-PINYON-574T

SNPLMA R6

PROJECT DESCRIPTION

The purpose of this project was to complete monitoring and inventories of butterflies, with a focus on the Mt. Charleston blue butterfly (MCB) and the Spring Mountains checkerspot (SMC). The project took place in the Spring Mountains National Recreation Area within the Humboldt-Toiyabe National Forest, Clark County, Nevada. Eight species of butterfly have been designated by the United States Forest Service as species of concern for the Spring Mountains, and this project focused on the MCB and SMC. The project focused on increasing the understanding of the size of the South Loop Trail MCB subpopulation; providing population, distribution, and behavior information needed to conserve the SMC; and identifying additional habitat for the rare Spring Mountain butterflies, including MCB butterfly habitat and potential colonies that could be part of the South Loop Trail subpopulation.

PROJECT STATUS – Completed (570C, 574T)

- Submitted species reports for the 2010 and 2011 field seasons;
- Recorded and observed numerous MCB and SMC adults;
- Completed an expansion area habitat assessment and map for the MCB and SMC; and
- Compiled and submitted data for the 2010 and 2011 field seasons.

AGENCY PROJECT CONTACT

Andrea Sever
Entomologist
Pinyon Environmental Engineering
Resources, Inc.
393 B CR 102, Carbondale, CO 81623
970-319-2656
sever@pinyon-env.com

FUNDING AMOUNT AWARDED

2005-PINYON-570C - \$97,566.00
2005-PINYON-574T - \$11,866.00

CONTRACT TERM

2005-PINYON-570C
01/19/2010 through 11/15/2011
2005-PINYON-574T
05/05/2011 through 11/15/2011



LEAD AGENCY

University of Nevada, Reno (UNR)

PROJECT TITLE AND NUMBER

Ecosystem Indicators: Change Detection
2005-UNR-578
SNPLMA R6

PROJECT DESCRIPTION

The purpose of this project was to develop a County-wide geomorphology Geographic Information System (GIS) dataset, which could be used to help identify species of concern based on their geomorphic locations. This new geomorphic map could assist the County and its Agency partners to predict, model, and map locations where habitats of concern may exist. The geomorphic dataset could be further used as an input to a new vegetation and ecosystem dataset to help further define the vegetation transition areas between vegetation classes. Additionally, UNR was to update and refine the current vegetation and ecosystem dataset currently being used for all of the MSHCP analyses, and develop a set of remote sensing enhanced vegetation classification methods by combining the new geomorphology GIS dataset with the new vegetation and ecosystem GIS dataset.

AGENCY PROJECT CONTACT

Jill S. Heaton
University of Nevada, Reno
Department of Geography
1664 N. Virginia Street
Mailstop 154
Reno, NV 89557
775-784-8056
jheaton@unr.edu

FUNDING AMOUNT AWARDED

\$1,300,000.00

CONTRACT TERM

10/07/2008 through 08/31/2011

REFERENCES

Online compilation of existing scientific references (<http://www.citeulike.org/group/8053/library>)

PROJECT STATUS – Completed

- Processed Quickbird imagery;
- Submitted geomorphology GIS data;
- Submitted vegetation GIS data;
- Completed vegetation pilot GIS data; and
- Submitted a final report.



LEAD AGENCY

Great Basin Bird Observatory

PROJECT TITLE AND NUMBER

Developing Habitat Models and Monitoring Techniques for Nine Rare Birds
2005-GBBO-581
SNPLMA R6

PROJECT DESCRIPTION

The purpose of this project was to collect data on the presence, abundance, and habitat characteristics of nine bird species, including six species covered by the Multiple Species Habitat Conservation Plan (MSHCP) and three evaluation species. Monitoring data was collected using standard methods similar to those used in the Nevada Bird Count, Great Basin Bird Observatory's state-wide monitoring effort. The six covered species include the Southwestern Willow Flycatcher, Blue Grosbeak, Phainopepla, Summer Tanager, Vermilion Flycatcher, and Arizona's Bell's Vireo, and the three evaluation species include Bendire's Thrasher, Le Conte's Thrasher, and Gray Vireo. Population sizes for each of these nine species within Clark County are being estimated, habitat models for each species are being developed and suitable habitat in Clark County is being mapped.

Population monitoring for these nine species consists of a combination of point count transects and area searches. Point count transects are an extensive method, with more than 200 transects scattered across Clark County based on randomly selected sampling sites. Area searches are intensive surveys on randomly-selected survey plots to determine bird densities, obtain nesting data, and generate intensive inventory data for high priority sites. The area searches are used for double-sampling in combination with the rapid point count surveys in order to provide correction factors for density estimates.

PROJECT STATUS – In Progress

- Collected five field seasons of data with 30 area searches and 602 point count surveys completed across 208 transects;
- A sixth season of data collection is currently in progress, and will be completed in early July 2013; and
- Habitat assessments are being conducted, which will help evaluate habitat suitability criteria for the nine targeted species.

AGENCY PROJECT CONTACT

Elisabeth Ammon
Executive Director
Great Basin Bird Observatory
1755 E. Plumb Lane #256A
Reno, NV 89502
775-323-4226
ammon@gbbo.org

FUNDING AMOUNT AWARDED

\$719,939.00

CONTRACT TERM

10/16/2007 through 03/31/2014



LEAD AGENCY

Clark County Desert Conservation Program

PROJECT TITLE AND NUMBER

Volunteer Resource Stewardship
2005-CC-605
SNPLMA R6

PROJECT DESCRIPTION

The purpose of this project was to gather information that will help ascertain whether or not the use of a volunteer resource stewardship program would be a cost effective and successful approach for the Multiple Species Habitat Conservation Program (MSHCP) program. It is envisioned that a volunteer program could provide supplemental presence on lands being managed to protect species and ecosystems.

The following subprojects/subcontracts were managed under this project:

2005-SWAIN-605A \$25,000.00 Completed

PROJECT STATUS – Completed

- Completed a Volunteer Resource Stewardship Program Policies and Procedures Manual;
- Completed a Volunteer Handbook and Training Manual; and
- Compiled a notebook containing documents (various brochures, training manuals, guidance documents, etc.) which were collected over the course of the term of the project.

AGENCY PROJECT CONTACT

Larry Mata
Environmental Specialist
Clark County Desert Conservation
Program
500 So. Grand Central Parkway
Las Vegas, NV 89106
702-455-3964
mata@ClarkCountyNV.gov

FUNDING AMOUNT AWARDED

\$275,000.00

CONTRACT TERM

02/27/2007 through 02/27/2012

DO5
Task 1
December 1 Submittal
Revision 12-21-11

Clark County
Desert Conservation Program

VOLUNTEER RESOURCE
STEWARDSHIP PROGRAM

POLICIES & PROCEDURES
MANUAL

RESPECT
PROTECT
ENJOY

LEAD AGENCY

Department of Geoscience, University of Nevada Las Vegas

PROJECT TITLE AND NUMBER**Gypsum Soils Analysis Technical Conditions**

2005-UNLV-609F

SNLMA R6

Adaptive Management of Information Gathering and Analysis Projects

2005-CC-609

SNPLMA R6

PROJECT DESCRIPTION

The purpose of this project was to determine what, if any, soil-geomorphic variables influence the distribution of the Las Vegas buckwheat in Clark County. The Las Vegas buckwheat is one of several sensitive or selective habitat species thought to be restricted to gypsum- rich substrates. However, its fragmented distribution suggests that some gypsiferous soils are unsuitable for its habitation while other low-gypsum soils may support thriving individuals. At present there exists no explanation as to why individuals may grow in one location, but not in a similar location a short distance away. This study addressed these uncertainties and refined the understanding of *E. corymbosum* habitat criteria.

Key components of this project included: (1) high-resolution mapping of surficial geology, (2) comprehensive field description of soil profile and soil surface characteristics, (3) laboratory assessment of soil chemical and physical properties, and interpretation of these combined data sets. Three study areas at Bitter Spring, Coyote Springs, and Gold Butte were selected based on their known buckwheat populations, and for their distinct but partially overlapping soil landform types.

PROJECT STATUS: COMPLETED (609F, 609)

- Gave presentation at the 2011 Multiple Species Habitat Conservation Program Symposium;
- Submitted Final Project Report;
- Completed Final Project GIS and Data transfer; and
- Completed Final Project Summary Form.

AGENCY PROJECT CONTACT

Brenda J. Buck, Ph.D. Professor
UNLV Environmental Soil Analytical
Laboratory
Dept. of Geoscience
4505 Maryland Parkway
Las Vegas NV 89154
702-895-1694 buckb@unlv.nevada.edu

FUNDING AMOUNT AWARDED

2005-UNLV-609F - \$340,000.00
2005-CC-609 - \$500,000 (total
budgeted for 609 series)

CONTRACT TERM

2005-UNLV-609F - 09/15/2009 through
10/01/2011
2005-CC-609- Internal project, no
contract term
Budget start date
07/01/2005



LEAD AGENCY

Pacific Traffic and Transit Data Services

PROJECT TITLE AND NUMBER

Road Use Monitoring
2007-PACIFIC-705A
SNPLMA R8

Road Designation and Monitoring (Canceled)
2007-BLM-705
SNPLMA R8

PROJECT DESCRIPTION

The purpose of this project is to monitor road use in desert areas in and around the Boulder City Conservation Easement (BCCE) to help inform management of this area. Road counters were used to collect amounts and times of road use on certain roads in the Piute-Eldorado Valley in support of the MSHCP.

To accomplish this task, road counters were installed at 12 designated sites (GPS locations and photo documentation of installation sites were provided to the County). The sites were checked monthly for 12 months. Data was collected for 11 months, providing information on road use for all seasons and times of day.

PROJECT STATUS – In Progress (705A); Canceled (705)

- Installed roads counters in and around the BCCE;
- Conducted a monthly check of the operational status of the road counters;
- Collected and delivered 11 months of road monitoring data; and
- A final month of road monitoring and submission of final data and reports is in progress.

AGENCY PROJECT CONTACT

Douglas Bowen
Pacific Traffic & Transit Data Services
PO Box 531574
Henderson, NV 89053-1574
949-348-1210

FUNDING AMOUNT AWARDED

\$14,970.50

CONTRACT TERM

06/01/2012 through 08/15/2013



LEAD AGENCY

Clark County Desert Conservation Program

PROJECT TITLE AND NUMBER

Adaptive Management Program

2009-CC-801

S10 09-11

Adaptive Management Program

2005-CC-574

SNPLMA R6

PROJECT DESCRIPTION

The purpose of projects under the Adaptive Management Program are to provide technical review and advice to the Desert Conservation Program (DCP) as well as refine analyses defined in the Multiple Species Habitat Conservation Plan and Biological Opinion. These analyses are: land use trends, habitat loss by ecosystem, species status and ecosystem health, and Multiple Species Habitat Conservation Plan implementation and effectiveness. These projects also continued implementing improvements recommended by the DCP's Program Management Analysis (December 2005). These improvements included completion of the prior Science Advisor contract, competitive selection process for the new Science Advisor contract, award of the new Science Advisor contract – Enduring Conservation Outcomes, LLC, hosting two annual progress report symposia for Desert Conservation Program projects with an Adaptive Management Program panel of experts providing feedback, and wider distribution of the products of the Desert Conservation Program, including those of the Adaptive Management Program.

The following subprojects/subcontracts were managed under this project:

2005-USGS-574B	\$192,000.00	Completed
2005-SOUNDSCIENCE-574M	\$22,000.00	Completed
2005-TSG-574P	\$23,000.00	Completed
2005-PINYON-574T	\$11,866.00	Completed
2009-ECO-801A	\$501,105.00	Completed
2009-UNLV-801B	\$5,000.00	Completed
2009-TNC-801C	\$11,000.00	Completed
2009-ECO-801D	\$429,997.00	In progress

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PROJECT STATUS – In Progress (801); Completed (574)

- Produced 71 peer review documents reflecting technical expert review of a majority of technical Multiple Species Habitat Conservation Plan funded projects;
- Used peer review documents in deliverable review, scope modification requests and provided copies to contractors;
- Completed two seasons of monitoring and inventorying butterfly species in the Spring Mountains (see 2005-PINYON-574T);
- Provided technical review of the 2013-2015 Implementation Plan and Budget;
- Completed competitive Request for Proposal process for 2013-2016 science advisor contract;
- Held the 2012 Project Progress Symposium on August 16, 2012. DCP staff provided presentations on eight projects and a diverse audience of 39 attended. A panel of six biological science experts provided verbal and written comments on presentations. Presentations were posted on website (www.clarkcountynv.gov - Departments, Desert Conservation Program, Library, Symposium);
- Held the 2013 Project Progress Symposium on August 22, 2013. DCP staff provided presentations on 10 projects and a diverse audience of 36 attended. A panel of two biological science experts provided verbal and written comments on presentations. Presentations were posted on website (www.clarkcountynv.gov - Departments, Desert Conservation Program, Library, Symposium);
- Developed the Desert Tortoise Occupancy Sampling Monitoring protocol and reviewed first years sampling data (see 2009-CC-1012);
- Developed Desert Tortoise Covariate Monitoring protocols (see 2009-CC-811);
- Began development of the Eldorado Valley Desert Tortoise Translocation Monitoring protocol;
- Began development of the Draft Boulder City Conservation Easement Management Plan; and
- Began development of the Draft Riparian Properties Management Plan.

AGENCY PROJECT CONTACT

Lee Bice
Senior GIS Analyst GIS+
Clark County Desert Conservation
Program
500 So. Grand Central Parkway
Las Vegas Nevada 89106
702-455-3554
Bice@ClarkCountyNV.gov

FUNDING AMOUNT AWARDED

2009-CC-801 - \$974,950.00 (total
amount budgeted for 801 series)
2005-CC-574 - \$3,245,368.50 (total
amount budgeted for 574 series)

CONTRACT TERM

Internal project, no contract term
Budget start dates:
2005-CC-574 – 07/01/2005
2009-CC-801 - 07/01/2009

LEAD AGENCY

Clark County Desert Conservation Program

PROJECT TITLE AND NUMBER

Desert Tortoise Hotline and Pickup Service
2009-CC-803
S10 09-11

Desert Tortoise Pickup Service, Transfer and Holding
2007-CC-719
S10 07-09

PROJECT DESCRIPTION

The purpose of this project is to cover the operation of the Wild Desert Tortoise Assistance Line, which is a requirement of the 1995 Desert Conservation Plan, 2001 Multiple Species Habitat Conservation Plan and Section 10 Permit #TE034927-0 to include monitoring and responding to calls received on the voicemail service, screening calls to determine pickup eligibility, coordinating pickup, and transporting and transferring custody of tortoises to the Desert Tortoise Conservation Center or other locations as directed by the U.S. Fish and Wildlife Service.

During this biennium, funds were also used to conduct a pilot feasibility study to sterilize a handful of desert tortoises. Care and management of unwanted and stray pet desert tortoise is taking valuable conservation resources away from efforts to recover desert tortoises in the wild. As a possible solution, sterilization feasibility is being looked at in an effort to contend with backyard breeding.

The following subprojects/subcontracts were managed under this project:

2007-KLA-719M	\$104,000.00	Completed
2007-SDZ-719O	\$10,350.00	In progress
2007-GEORGIA-719P	\$3,045.00	In progress
2009-KLA-803A	\$49,100.00	In progress

PROJECT STATUS – In Progress (719, 803)

- Received 119 calls on the hotline;
- Made a total of 35 separate pickups;
- Collected 36 wild desert tortoises (some pickups contained multiple tortoises);
- Completed an endosurgery study with the University of Georgia; successfully sterilizing 15 male and seven female desert tortoises; and
- Developed an “Endoscopic Orchiectomy and Endoscope Assisted Oophorectomy in Desert Tortoise” report and video.

AGENCY PROJECT CONTACT

John Brekke
Environmental Specialist
Clark County Desert Conservation Program
500 So. Grand Central Parkway
Las Vegas, NV 89106
702-455-2722
brekke@ClarkCountyNV.gov

FUNDING AMOUNT AWARDED

2009-CC-803 – \$595,000.00 (total amount budgeted for 803 series)
2007-CC-719 – \$800,000.00 (total amount budgeted for 719 series)

CONTRACT TERM

Internal projects, no contract term
Budget start dates:
2007-CC-719 - 07/01/2007
2009-CC-803 - 07/01/2009



LEAD AGENCY

Clark County Desert Conservation Program

PROJECT TITLE AND NUMBER

Desert Tortoise Fencing
2009-CC-804
S10 09-11

PROJECT DESCRIPTION

The purpose of this project is to maintain a readiness to monitor, retrofit, and fix fencing along roadways within Clark County to reduce tortoise mortality and protect Mojave Desert wildlife. Installing and maintaining tortoise-proof fencing was a priority for the Clark County Desert Conservation Program since the program inception. Nevada Department of Transportation, a permittee on the Multiple Species Habitat Conservation Plan, has assumed direct responsibility for maintaining tortoise fencing. This project now just maintains a readiness to assist in case of emergency.

The following subprojects/subcontracts were managed under this project:

2009-NDF-804A \$40,000.00 In progress

PROJECT STATUS –In Progress

- The Desert Conservation Program has maintained a contract with Nevada Division of Forestry to assist the Nevada Department of Transportation with emergency desert tortoise fencing needs.

AGENCY PROJECT CONTACT

Lee Bice
Senior GIS Analyst GISP+
Clark County Desert Conservation
Program
500 So. Grand Central Parkway
Las Vegas, NV 89106
702-455-3554
Bice@clarkcountynv.gov

FUNDING AMOUNT AWARDED

\$425,000.00 (total amount budgeted
for 804 series)

CONTRACT TERM

Internal project, no contract term
Budget start dates:
2009-CC-800 - 07/01/2009



LEAD AGENCY

Clark County Desert Conservation Program

PROJECT TITLE AND NUMBER

OHV Education
2009-CC-807
S10 09-11

PROJECT DESCRIPTION

The purpose of this project was to encourage appropriate use of Off Highway Vehicles (OHVs) through outreach in areas where OHVs are used. The project was originally proposed by the Bureau of Land Management (BLM) with the intent to concentrate efforts on high use locations such as Nellis Dunes, Jean/Roach Special Recreation Management Area, Logandale Trails, the edges of the Las Vegas Valley and within desert tortoise Areas of Critical Environmental Concern. In September 2011, the BLM notified Clark County that it would no longer directly implement Section 10 mitigation projects under the MSHCP and thus could not implement the project directly.

The following subprojects/subcontracts were managed under this project:
2009-BLM-807A Canceled

PROJECT STATUS – Canceled



AGENCY PROJECT CONTACT
Jodi Bechtel
Sr. Environmental Specialist
Clark County Desert Conservation Program
500 So. Grand Central Parkway
Las Vegas, NV 89106
702-455-5529
jbechtel@clarkcountynv.gov

FUNDING AMOUNT AWARDED
\$350,000.00 (total amount budgeted for 807 series)

CONTRACT TERM
n/a



LEAD AGENCY

United States Geological Survey

PROJECT TITLE AND NUMBER

Assessment of Post-Fire Rehabilitation of Desert Tortoise Habitat

2009-USGS-808A

S10 09-11

Assessment of Post-Fire Rehabilitation of Desert Tortoise Habitat in Clark County

2009-CC-808

S10 09-11

PROJECT DESCRIPTION

The primary purpose of this project is to rehabilitate desert tortoise habitat with specific goals to predict areas where exotic annual grasses create high fine fuels that may require control, determine the post-fire treatments that are appropriate for re-vegetating burned tortoise habitat, and identify native Mojave Desert plant species that will be suitable for re-establishment in extreme post-fire environments. Corresponding objectives to meet these goals include developing a spatial model of fine fuels based on monthly rainfall and fine fuel production across multiple fire locations, relating the success of post-fire treatments on plant establishment as a function of local climate, and determining which native species persist in the soil seed bank and rapidly produce canopy cover for tortoise forage and cover sites.

AGENCY PROJECT CONTACT

Lesley DeFalco, Ph.D
Research Plant Ecologist
USGS, Western Ecological Research
Center
160 North Stephanie Street
Henderson, NV 89074
702-564-4507
Lesley_Defalco@usgs.gov

FUNDING AMOUNT AWARDED

2009-USGS-808A - \$400,000.00
2005-CC-808 - \$400,000.00 (total
budgeted for 808 series)

CONTRACT TERM

04/06/2010 through 09/30/2013
2005-CC-808 – Internal project number,
no contract term
Budget start date
07/1/2009

PROJECT STATUS – In Progress (808A, 808)

- Completed two years of monitoring for the survival of 722 greenhouse-raised seedlings of blackbrush and joint-fir that were planted with various soil moisture amendments at four fire locations. The findings of this study were submitted, and are under review, at a peer-review scientific journal;
- Completed two years of vegetation monitoring at four fire locations to evaluate the abilities of the pre-emergent herbicides Plateau® and Oust® to suppress non-native invasive annual grasses and promote native species;
- Conducted nine-month greenhouse study evaluating the impacts of two pre-emergent herbicides on soil seed reserves of native and invasive species at four fire locations; Completed two years of vegetation monitoring at six fire locations to assess the establishment of native annual and perennial plants that were broadcast into burned areas following the 2005 and 2006 wildfires; and Conducted nine-month greenhouse study evaluating the persistence of native species in the soil seed reserves six years after they were broadcast following the 2005 and 2006 wildfires.



LEAD AGENCY

Clark County Desert Conservation Program

PROJECT TITLE AND NUMBER

Restoration of Desert Tortoise and Gypsum Habitat
2009-CC-809
S10 09-11

PROJECT DESCRIPTION

The goal of this project is to restore disturbed sites on the Boulder City Conservation Easement (BCCE) to a condition intended to hide the disturbed area so that it will blend in with the surrounding habitat in an effort to discourage further OHV traffic and provide habitat for native species.

This project will restore linear disturbances, such as vehicle tracks on closed roads, in proximity to open roads, so that it creates natural-appearing topography and reduces the potential for erosion and vehicle re-entry.

The following subprojects/subcontracts were managed under this project:

2009-SOIL-809B	\$14,888.29	Completed
2009-BID-809C	\$265,791.00	Pre-award
2009-RPM-809D	\$2,500.00	In-Progress
2009-WLB-809E	\$14,820.00	In Progress

PROJECT STATUS – In Progress

- Restored .34 acres (14,646 sq. ft.);
- Restored ten sites; and
- Prepared bid for restoration of 20 additional sites covering 1.4 acres.

AGENCY PROJECT CONTACT

John Brekke
Environmental Specialist
Clark County Desert Conservation Program
500 So. Grand Central Parkway
Las Vegas, NV 89106
702-455-2722
brekke@ClarkCountyNV.gov

FUNDING AMOUNT AWARDED

\$300,000.00 (total amount budgeted for 809 series)

CONTRACT TERM

Internal projects, no contract term
Budget start date:
07/01/2009



LEAD AGENCY

National Park Service (NPS)

PROJECT TITLE AND NUMBER

Relict Leopard Frog Conservation

2009-NPS-810A

S10 09-11

Relict Leopard Frog Conservation

2009-CC-810

S10 09-11

PROJECT DESCRIPTION

The purpose of this project is to provide conservation efforts towards the persistence of natural and established populations of the relict leopard frog and towards the establishment of additional populations. The project is a continuation of efforts funded by the Desert Conservation Program in the 2005-2007, 2007-2009, and 2009-2011 bienniums. Conservation actions and continued conservation planning will be implemented as specified in a conservation agreement and strategy (CAS) for this species. The CAS was voluntarily entered into by several state and federal agencies, and is managed by a multiagency conservation team. Efforts under this project include: population monitoring, habitat improvements, headstarting/translocation actions, and facilitation of conservation team meetings and reporting.

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AGENCY PROJECT CONTACT

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Lake Mead National Recreation Area
601 Nevada Highway
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FUNDING AMOUNT AWARDED

\$270,000.00
2009-CC-810 - \$270,000.00 (total
budgeted for 810 series)

CONTRACT TERM

2009-NPS-810A - 01/18/2011 through
07/31/2014
2009-CC-810 – internal budget
number, no contract term
Budget start date: 07/01/2009



PROJECT STATUS – In Progress (810A, 810)

- Conducted visual encounter surveys during each spring and fall at all natural and experimental sites to monitor populations (currently 19 sites total);
- Conducted additional surveys to assess future potential translocation sites, and at a site where relict leopard frogs were observed in the past;
- Conducted diurnal surveys at occupied sites to continue assessing breeding phenology and search for egg masses for headstarting (rearing) efforts;
- Completed two seasons of translocations using animals reared at three facilities, including Lake Mead State Fish Hatchery and Willow Beach National Fish Hatchery;
- Assisted with the establishment of three new experimental sites in 2012;
- Released frogs and tadpoles to seven sites over two seasons, including augmentation of a natural site;
- Provided several frogs to the Las Vegas Springs Preserve as part of their effort to establish a public educational display;
- Completed a tadpole enclosure experiment at an experimental site to test water quality;
- Continued sampling for a pathogenic fungus of anurans at several relict leopard frog sites;
- Assisted with mark-recapture estimation of relict leopard frog populations at several sites;
- Conducted maintenance actions at several important breeding pools at four sites; and assisted federal agencies with habitat maintenance and restoration at four other sites; and
- Coordinated semiannual meetings of the Relict Leopard Frog Conservation Team.

LEAD AGENCY

Clark County Desert Conservation Program

PROJECT TITLE AND NUMBER

Adaptive Management Program
2009-CC-811
S10 09-11

PROJECT DESCRIPTION

The purpose of this project is to build a number of covariate databases to accompany the work that is being accomplished under Desert Tortoise Monitoring, 2007-CC-1012A, project. The databases are measurement of a range of environmental variables (covariates) that are hypothesized to be related to the annual presence of the desert tortoise, including vegetation, substrate (soils), precipitation, disturbances and habitat alterations, and management actions. These covariates will be used to interpret the occupancy sampling data and test for correlations with hypothesized causal factors that influence the presence of desert tortoises. The correlated causal factors will provide information to managers to develop and evaluate management actions intended to increase tortoise presence. Ultimately, these data could be used to develop a statistical model to understand and predict the occurrence of the desert tortoise in this and similar landscapes

The following subprojects/subcontracts were managed under this project:
2009-TSG-811A \$24,297.00 In progress

AGENCY PROJECT CONTACT

Lee Bice
Senior GIS Analyst GISP+
Clark County Desert Conservation Program
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FUNDING AMOUNT AWARDED

\$386,260.00 (total amount budgeted for 811 series)

CONTRACT TERM

Internal project, no contract term
Budget start date:
2009-CC-811 - 07/01/2009

PROJECT STATUS – In Progress

- Developed Desert Tortoise Covariate Monitoring protocols for sampling vegetation, soils, precipitation, satellite imagery, and disturbances;
- Began processing satellite imagery to generate Normalized Difference Vegetation Index dataset; and
- Began processing disturbances and habitat alterations dataset.



LEAD AGENCY

Clark County Desert Conservation Program

PROJECT TITLE AND NUMBER

Permit Amendment

2009-CC-814

S10 09-11

Permit Amendment Administration

2007-CC-1014

S10 07-09

Amendment of the Clark County Multiple Species Habitat Conservation Program and Incidental Take Permit

2007-CC-1011

SNPLMA R8

PROJECT DESCRIPTION

The purpose of these projects is to provide administration and support of the Clark County Multiple Species Habitat Conservation Program and Incidental Take Permit Amendment for the Clark County Desert Conservation Program.

Clark County determined that project 2007-CC-1011 has made significant progress although it could not be completed as proposed in the SNPLMA nomination within the term of that funding agreement. The contract with PBS&J, the biological consultant conducting the National Environmental Protection Act analysis, developing the Environmental Impact Statement, and assisting with the Habitat Conservation Plan document, was terminated for convenience on April 23, 2013 in preparation of terminating the SNPLMA funding agreement. Project work on Permit Amendment continues under the other funding sources.

The following subprojects/subcontracts were managed under this project:

2007-EMS-1014B	\$913,000.00	In progress
2007-PBSJ-1011B	\$623,320.00	Closed/terminated
2009-SMART-814A	\$44,500.00	Completed

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AGENCY PROJECT CONTACT

Marci Henson
Program Administrator
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702-455-3118
mhenson@clarkcountynv.gov

FUNDING AMOUNT AWARDED

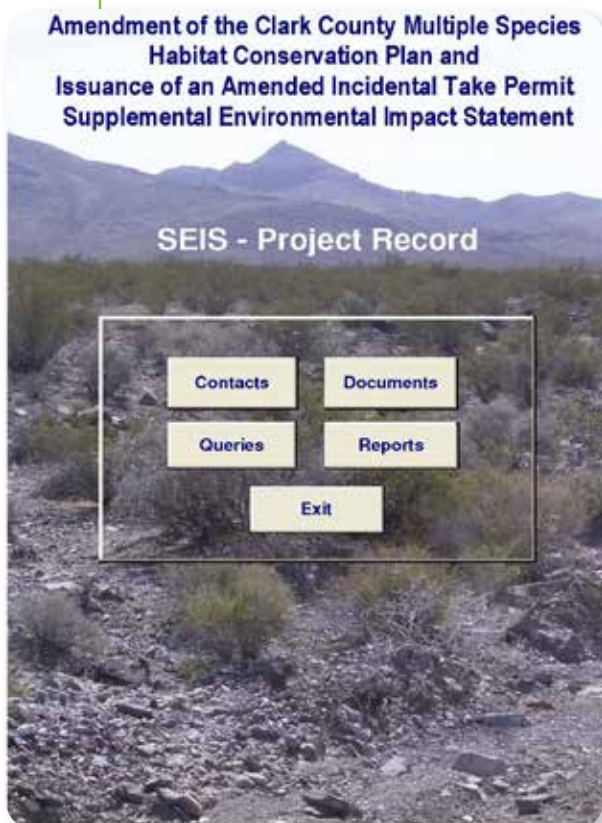
2009-CC-814 - \$660,000.00 (total amount budgeted for 814 series)
2007-CC-1014 - \$1,010,299.00 (total amount budgeted for 1014 series)
2007-CC-1011 - \$2,672,120.00 (total amount budgeted for 1011 series)

CONTRACT TERM

Internal project, no contract term
Budget start date:
2009-CC-814 – 07/01/2009
2007-CC-1014 – 07/01/2007
2007-CC-1011 – 07/01/2007

PROJECT STATUS – In Progress (814, 1014); Closed/Terminated (1011)

- Completed a review of the mitigation fee collection process within each of the municipalities, for the purposes of analyzing the potential to include desert tortoise clearances, if proposed in the amendment;
- Continued to coordinate permit amendment with Permittees;
- Continued meetings with the Bureau of Land Management and the United States Fish and Wildlife Service to discuss permit amendment and related issues including a proposed Reserve System;
- Worked with the City of Mesquite to revise the Virgin River Habitat Conservation and Recovery Program to include the desert tortoise as a covered species;
- Coordinated with the Permittees to draft a revised interlocal agreement outlining roles and responsibilities associated with implementing the MSHCP; and
- Began planning and discussions to consolidate mitigation fee collection.



LEAD AGENCY

Clark County Desert Conservation Program

PROJECT TITLE AND NUMBER

Desert Conservation Program Administration
2011-CC Admin-900
S10 11-13

Desert Conservation Program Administration
2005-CC-544P
SNPLMA R6

PROJECT DESCRIPTION

These projects provide day to day administration and operation of the Desert Conservation Program, including management and implementation of Southern Nevada Public Lands Management Act projects. Implementation activities are conducted on behalf of the cities of Clark County, Las Vegas, North Las Vegas, Henderson, Mesquite, Boulder City and the Nevada Department of Transportation.

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AGENCY PROJECT CONTACT

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Program Administrator
Clark County Desert Conservation Program
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Las Vegas, NV 89106
702-455-3118
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FUNDING AMOUNT AWARDED

2005-CC-544P - \$3,646,939.00 (total amount budgeted for 544P series)
2011-CC ADMIN-900 - \$5,348,302.50 (total amount budgeted for 900 series)

CONTRACT TERM

Internal project, no contract term
Budget start date:
2005-CC-544P – 02/14/2007
2011-CC ADMIN-900 – 07/01/2011

PROJECT STATUS – Completed (900, 544P)

- Processed and managed mitigation fees for land disturbance;
- Provided administration, project /contract management, and implementation for 50 S10 funded projects;
- Provided administration, project /contract management, and implementation for 44 Round 6 Southern Nevada Public Land Management Act funded projects;
 - Completed/closed 32 of these projects
- Provided administration, project /contract management, and implementation for 3 Round 8 Southern Nevada Public Land Management Act funded projects;
- Provided administration, project /contract management, and implementation for two Round 12 Southern Nevada Public Land Management Act funded projects;
- Project management statistics include:
- Received and processed 409 deliverables
 - Tracked 44 deliverables as delinquent submissions
 - Rejected 11 deliverables for corrective action
 - Confirmed 301 milestones
 - Received and processed 377 invoices
 - Rejected 35 invoices for corrective action
- Completed a design revision to the Milestone Review Workflow in Case 360, the program's contract and project tracking system;
- Prepared two nominations for Round 14 of the Southern Nevada Public Land Management Act;
- Continue to pursue Department of Motor Vehicles desert tortoise specialty license plate;
- Participated in two independent internal audits of federal grants. Zero exceptions found;
- Prepared and received Board of County Commissioner approval on the 2013-2015 Implementation Plan and Budget;
- Prepared and submitted two fiscal year budgets for Clark County;
- Provide representation on the Southern Nevada Public Land Management Act's Partners Working Group as one of two local government representatives;
- Participated in the Southern Nevada Public Land Management Act's Streamlining Committee;
- Remitted all Section 7 proceeds as per Bureau of Land Management instructions, and closed the Section 7 account;
- Issued eight quarterly Plan Administrator updates;
- Structurally relocated to the Department of Comprehensive Planning from the Department of Air Quality and Environmental Management;
- Physically relocated from 333 N. Rancho Drive to the Clark County Government Center on 500 S. Grand Central Parkway;
- Participated in Clark County Comprehensive Planning's process to update the South County and Northeast County Land Use Plans; and
- Reviewed over 50 federal, state, local or industry documents for impacts to Clark County mitigation areas.

LEAD AGENCY

Clark County Desert Conservation Program

PROJECT TITLE AND NUMBER

Boulder City Conservation Easement (BCCE) Management, Maintenance and Law Enforcement
2011-CCBCCE-910
S10 11-13

BCCE Management, Maintenance And Law Enforcement
2009-CC-802
S10 09-11

BCCE Visitor and Use Management
2011-CC-920
SNPLMA R12

PROJECT DESCRIPTION

The purpose of this project is to provide management and law enforcement services within the Boulder City Conservation Easement (BCCE) to ensure the viability of the BCCE as a desert tortoise habitat. The primary law enforcement purpose is to provide a peace officer to patrol the property on a regular basis to enforce applicable ordinances, resolutions, orders, regulations and prohibited uses. Additionally, this project is to manage visitor use on the easement. This includes new signage and the maintenance of existing signage, addition of desert tortoise guards at key locations to allow traffic on open roads while protecting desert tortoises, building barriers to protect habitat from vehicles going off open roads and the design of Kiosks to inform and educate the public on the Boulder City Conservation easement.

The following subprojects/subcontracts were managed under this project:

2011-BC-910A	\$225,378.00	Closed
2011-NDF-910B	\$22,000.00	Active
2011-LGA-910C	\$49,850.00	Active
2011-BRICK-910D	\$199.00	Active
2011-BERNTSEN-910E	\$2,000.00	Pre-Award
2011-AMER-910F	\$300.00	Pre-award
2009-BC-802A	\$261,906.00	Complete

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AGENCY PROJECT CONTACT

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FUNDING AMOUNT AWARDED

2011-CCBCCE-910 – \$411,000.00 (total amount budgeted for 910 series)
2009-CC-802 – \$340,000.00 (total amount budgeted for 802 series)
2011-CC-920 – \$42,000.00 (total amount budgeted for 920 series)

CONTRACT TERM

Internal projects, no contract term
Budget start dates:
2011-CCBCCE-910 - 06/21/2011
2009-CC-802 - 07/01/2009

Contract term:
2011-CC-920 – 09/04/2012 – 09/03/2015

2009-HD-802B	\$500.00	Complete
2009-COPPER-802C	\$100.00	Complete
2009-NDF-802D	\$18,270.00	Active
2009-AMER-802E	\$778.67	Complete
2009-ROAD-802F	\$508.00	Active
2009-BOARMAN-802H	\$24,274.00	Pre-award
2011-NDF-920D	\$3,600.00	Active
2011-SOILTECH-920B	\$28,056.75	Active
2011-QUOTE-920A	\$200.00	Pre-award
2011-AMER-920C	\$5,131.75	Completed

PROJECT STATUS –In Progress (910, 802, 920)

- Patrolled the BCCE for 3,386 hours;
- Travelled 46,172 miles within the BCCE;
- Contacted 660 persons who were using the BCCE for valid, legal purposes;
- Issued five citations to persons violating the law;
- Warned 140 persons who were doing improper activities within the BCCE;
- Maintained over 150 signs on the BCCE;
- Issued a contract for three new desert tortoise guards at key locations on the BCCE;
- Issued a contract for 500 feet of barrier to protect habitat from off road travel; and
- Issued a contract to design kiosks for the BCCE.



LEAD AGENCY

Clark County Desert Conservation Program

PROJECT TITLE AND NUMBER

Property and Water Rights Management

2011-CC PROPMGMT-915

S10 11-13

Management of Acquired Land and Water Rights

2007-CC-722

S10 07-09

Management of Acquired Properties and Water Rights

2009-CC-805

S10 09-11

Muddy River Property Management and Acquisition

2005-CC-561B

SNPLMA R6

PROJECT DESCRIPTION

The purpose of this project is to manage acquired riparian lands and water rights to support the conservation and protection of species covered by the Clark County Multiple Habitat Conservation Plan (MSHCP). Clark County currently owns approximately 118 acres on the Muddy River and 101 acres on the Virgin River. Property management activities include restoration, weed control, fire suppression activities, and maintenance of property features. Clark County also has water rights at 54 springs as well as ground water rights and is in the process of establishing Clark County as the owner of record and to change the manner of use to "wildlife" on those sources.

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AGENCY PROJECT CONTACT

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FUNDING AMOUNT AWARDED

2011-CC PROPMGMT-915 – \$140,600.00
(total amount budgeted for 915 series)
2007-CC-722 – \$150,000.00 (total
amount budgeted for 722 series)
2009-CC-805 – \$255,000.00 (total
amount budgeted for 805 series)
2005-CC-561B – \$286,726.00 (total
amount budgeted for 561 series)

CONTRACT TERM

Internal project, no contract term
Budget start dates:
2011-CC PROPMGMT-915 – 07/01/2011
2007-CC-722 – 06/30/2007
2009-CC-805 – 07/01/2009
2005-CC-561B – 02/27/2007

The following subprojects/subcontracts were managed under this project:

2005-WHITNEY-561G	\$2,548.00	Completed
2005-UNLV-561J	\$9,880.00	Completed
2005-NDF-561K	\$24,000.00	Completed
2005-NPS-561N	\$20,000.00	Completed
2007-BUSCHELMAN-722A	\$49,600.00	Completed
2007- WHITNEY-722C	\$4,408.00	Completed
2009-BLM-805H	\$105,000.00	Completed
2009-NANCE-805I	\$19,415.00	Completed
2009-ATS-805M	\$15,170.00	Completed
2009-NANCE-805P	\$21,740.00	In progress
2009-BUSCH-805Q	\$35,500.00	In progress
2011-NPS-915A	\$108,000.00	In progress

PROJECT STATUS – In Progress (915, 722, 805); Completed (561B)

Muddy River

- Consolidated the 118 acres owned by Clark County on the Muddy River into the Clark County Muddy River Reserve;
- Conducted weekly site visits and trip reports through the management contracts;
- Maintained water levels for a frog refugia for a MSHCP covered species
- Collected and analyzed 58 soil samples and three water samples;
- Conducted restoration and fire suppression activities including tree and brush removal, herbicide treatments, plant collection and bank restoration;
- Conducted short term weed survey and treatment and developed botanical inventory;
- Installed a backflow device on the municipal water hookup; and
- Conducted repair on groundwater well pipe.

Virgin River

- Assumed ownership from Clark County Public Works for a 20 acre riparian parcel on the Virgin River; and
- Assumed ownership from Clark County Parks and Recreation for 80 acres of riparian land on the Virgin River.

Water Rights

- Received 31 certificated permits for surface water rights for wildlife in County's name;
- Received four approved permits for surface water rights for wildlife in County's name;
- Received ownership of 19 stockwater rights from The Nature Conservancy; and
- Filed 19 Applications to Change for Wildlife Purposes in Clark County's name.



LEAD AGENCY

Clark County Desert Conservation Program

PROJECT TITLE AND NUMBER

Information and Education

2011-CC INFO&ED-916

S10 11-13

Media and Outreach Development

2005-CC-553

SNPLMA R6

Mojave Max Emergence Contest Partners

2005-CC-559

SNPLMA R6

Desert Use Media Campaign

2011-CC-921

SNPLMA R12

PROJECT DESCRIPTION

The purpose of this project is to provide information and education projects to support the messages of the Clark County Desert Conservation Program. Section 2.8.3.4 of the Clark County Multiple Species Habitat Conservation Plan specifically states that the Public Information and Education Program will inform the public of the terms of the Section 10(a) permit; encourage respect, protection, and enjoyment of natural ecosystems in Clark County; and through education, increase the public understanding and awareness of the value of Clark County's natural ecosystems.

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AGENCY PROJECT CONTACT

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FUNDING AMOUNT AWARDED

2011-CC INFO&ED-916 - \$139,000.00
(total amount budgeted for 916 series)
2005-CC-553 - \$264,000.00 (total
amount budgeted for 553 series)
2005-CC-559 - \$440,000.00 (total
amount budgeted for 559 series)
2011-CC-921 - \$50,000.00 (total
amount budgeted for 921 series)

CONTRACT TERM

Internal projects, no contract term
Budget start dates:
2011-CC INFO&ED-916 - 07/01/2011
2005-CC-553 - 02/27/2007
2005-CC-559 - 02/14/2007
2011-CC-921 - 09/04/2012

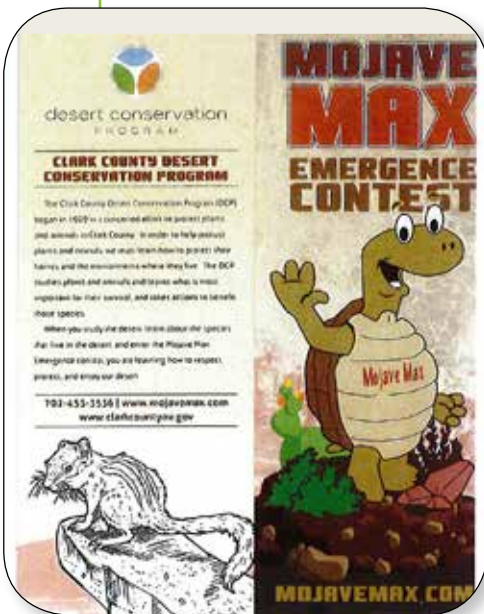


The following subprojects/subcontracts were managed under this project:

2011-WOOD-916A	\$2,000.00	Completed
2011-KNPR-916D	\$5,805.00	Completed
2011-COX-916E	\$7,964.00	Completed
2011-LVRJ-916F	\$12,316.20	Completed
2011-STEVENKIDS-916H	\$5,000.00	Completed
2011-ZEE-916M	\$7,569.00	Completed
2005-JOSHUATREE-553-4-A	\$5,000.00	Completed
2005-WOOD-553-6-K	\$2,000.00	Completed
2005-STEVENKIDS-553-8-B	\$23,000.00	Completed
2005-RRCIA-559A	\$400,000.00	Completed

PROJECT STATUS – In Progress (916, 921); Completed (553, 559)

- Updated and reprinted the Mojave Max Emergence Contest pamphlet;
- Updated Mojave Max's Facebook page and uploaded 2012 and 2013 assembly photos;
- Created and ran three billboard advertisements for three months situated at locations throughout the valley to maximize exposure to individuals heading out towards Off-Highway Vehicle locations with the "Please Stay on the Trail" message;
- Ran 132 30-second television advertisements during children's programming for the Mojave Max Emergence Contest in January, February and March 2013;
- Ran numerous print advertisements in local publications (Las Vegas Review Journal, Desert Companion magazine) for Mojave Max Emergence Contest in January, February and March of 2013;
- Contracted with STEVE-N-KIDS to provide Mojave Max Mascot appearances at numerous outreach events;
- Continued to manage and promote the Mojave Max Education Program;
- Purchased and distributed tortoise stress balls with the "Respect, Protect and Enjoy our Desert" message; and
- Purchased and distributed stylus pens with the "Thanks for Being a Responsible Desert User" message.



LEAD AGENCY

Clark County Desert Conservation Program

PROJECT TITLE AND NUMBER

Riparian Property Acquisition
2011-CC RIPAQ-917
S10 11-13

PROJECT DESCRIPTION

The purpose of this project is to acquire riparian lands in desert riparian habitats on the Virgin River, Muddy River and Meadow Valley Wash to preserve as habitat for three riparian birds covered by the Clark County Multiple Species Habitat Conservation Plan (MSHCP). The MSHCP is required to acquire riparian lands pursuant to the associated Incidental Take Permit TE034927-0 Condition K. The three covered riparian birds are southwestern willow flycatcher, Arizona bell’s vireo and the yellow-billed cuckoo.

Numerous willing sellers have presented their properties for consideration by Clark County. To assist with the selection process, the Desert Conservation Program has developed a priority ranking criteria tool to determine acquisition priorities based on environmental and administrative characteristics. Additionally, under 2009-805H-BLM, a cadastral survey is underway that will provide direction for identification of legal descriptions in a portion of the Virgin River to resolve survey boundary issues.

PROJECT STATUS – In Progress

- Conducted a priority ranking of lands available from willing sellers;
- Updated willing seller list (ongoing); and
- Conducted site visits of potential properties.



AGENCY PROJECT CONTACT

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FUNDING AMOUNT AWARDED

\$3,200,000.00 (total amount budgeted for 917 series)

CONTRACT TERM

Internal project, no contract term
Budget start date - 07/01/2011

LEAD AGENCY

Clark County Desert Conservation Program

PROJECT TITLE AND NUMBER

Desert Tortoise Monitoring

2007-CC-1012A

SNPLMA R8

Desert Tortoise Monitoring (Canceled)

2007-USFWS-1012

SNPLMA 8

PROJECT DESCRIPTION

The goal of this project is to test the use of occupancy sampling as a method for identifying status and trends in desert tortoise occupancy/ use in the Boulder City Conservation Easement (BCCE). Monitoring crews collected data on tortoise indicators, both live tortoise and active burrows, three times in 80, four hectare plots during the spring field season. Results will be used to correlate pattern and change in occupancy/use with habitat characteristics such as soils, vegetation, habitat alteration and management practices at the BCCE. The habitat characteristic study is being conducted concurrently in the corresponding covariate project described under 2009-CC-811.

The pilot test of the protocol is anticipated to last two to three field seasons after which the occupancy sampling protocol will be finalized. Once the sampling protocol is finalized, data will be collected and analyzed to inform land management decisions at the BCCE to benefit the desert tortoise in smaller spatial and temporal scales than other long term range wide desert tortoise monitoring programs allow. Management actions may include road closures, prioritization of restoration sites and improved law enforcement. If successful, the results of this study can be used to adaptively manage the BCCE and may be applied to other desert tortoise habitats by land managers.

The following subprojects/subcontracts were managed under this project:

2007-NEWFIELDS-1012B \$120,000.00 In progress

PROJECT STATUS – In Progress (1012A); Canceled (1012)

- Developed Monitoring Protocol Testing the Use of Occupancy Sampling to Detect Status and Trends of Mojave Desert Tortoise in the Boulder City Conservation Easement;
- Hired field crew to conduct pilot desert tortoise monitoring for the 2013 field season; and
- Sampled 80, four hectare plots at the Boulder City Conservation Easement.

AGENCY PROJECT CONTACT

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FUNDING AMOUNT AWARDED

\$1,134,842.00 (total amount budgeted
for 1012 series)

CONTRACT TERM

09/05/2008 through 09/07/2018



PROJECT INDEX TABLES



SORTED BY FUNDING SOURCE

FUNDING SOURCE	BN/ ROUND	AGENCY	PROJECT NUMBER	PROJECT TITLE	AMOUNT AWARDED
S10	07-09	Desert Conservation Program	719	DT Pickup Service, Transfer & Holding	\$800,000.00
S10	07-09	Knight & Leavitt Associates	719M	Desert Tortoise Pick Up Service	\$104,000.00
S10	07-09	Zoological Society of San Diego	719O	Desert Tortoise Shipping	\$10,350.00
S10	07-09	University of Georgia	719P	Desert Tortoise Endosurgery Study	\$3,045.00
S10	07-09	Desert Conservation Program	722	Management of Acquired Land & Water Rights	\$150,000.00
S10	07-09	Michael Buschelman Consulting, Inc.	722A	Surface Water Rights Consulting	\$49,600.00
S10	07-09	Desert Conservation Program	1014	Permit Amendment Administration	\$1,010,299.00
S10	07-09	Ebbin Moser + Skaggs, LLP	1014B	Permit Amendment Legal Counsel	\$913,000.00
S10	09-11	Desert Conservation Program	801	Adaptive Management Program	\$974,950.00
S10	09-11	Enduring Conservation Outcomes	801A	MSHCP Science Advisor	\$501,105.00
S10	09-11	University of NV - Las Vegas	801B	Wesley E Niles Herbarium Services	\$5,000.00
S10	09-11	The Nature Conservancy of NV	801C	Peer Review	\$36,225.00
S10	09-11	Enduring Conservation Outcomes	801D	Science Advisor for the Desert Conservation Program	\$429,997.00
S10	09-11	Desert Conservation Program	802	BCCE Manage, Maint & Law Enforcement	\$340,000.00
S10	09-11	RoadSafe Traffic Systems	802F	BCCE Traffic Control Plan & Signage	\$508.00
S10	09-11	Desert Conservation Program	803	DT Hotline and Pick-Up Service	\$595,000.00
S10	09-11	Knight & Leavitt Associates	803A	Wild DT Assistance Line	\$49,100.00
S10	09-11	Desert Conservation Program	804	Desert Tortoise Fencing S10	\$425,000.00
S10	09-11	NV Division of Forestry	804A	Fencing Installation & Maintenance	\$40,000.00
S10	09-11	Desert Conservation Program	805	Mgmt of Acquired Properties & Water Rights	\$255,000.00
S10	09-11	Bureau of Land Management	805H	Virgin River Cadastral Survey	\$105,000.00
S10	09-11	Doug Nance	805I	Muddy River Property Management	\$19,415.00
S10	09-11	Doug Nance	805P	Muddy River Property Mgmt 2013	\$21,740.00
S10	09-11	Michael Buschelman Consulting, Inc.	805Q	Water Rights Consulting -2013	\$35,500.00
S10	09-11	Desert Conservation Program	806	Public Information and Education	\$170,000.00
S10	09-11	Red Rock Canyon Interpretive Association	806A	Mojave Max Education Program	\$170,000.00
S10	09-11	Desert Conservation Program	807	OHV Education	\$350,000.00
S10	09-11	Desert Conservation Program	808	Assmt of Post-Fire Rehab of DT Habitat in CC	\$400,000.00
S10	09-11	U.S. Geological Survey	808A	Assessment of Post-Fire Rehab of DT Habitat in CC	\$400,000.00
S10	09-11	Desert Conservation Program	809	Restoration of DT & Gypsum Habitat	\$300,000.00
S10	09-11	Soil-Tech Company	809B	BCCE Restoration-Phase I	\$14,888.29
S10	09-11	Desert Conservation Program	810	Relict Leopard Frog Conservation	\$270,000.00
S10	09-11	National Park Service	810A	Relict Leopard Frog Conservation	\$270,000.00
S10	09-11	Desert Conservation Program	811	Desert Tortoise Monitoring 2011	\$386,260.00
S10	09-11	Terraspectra Geomatic	811A	Remote Sensing - 2013	\$24,297.00

SORTED BY FUNDING SOURCE cont.

FUNDING SOURCE	BN/ ROUND	AGENCY	PROJECT NUMBER	PROJECT TITLE	AMOUNT AWARDED
S10	09-11	Desert Conservation Program	814	Permit Amendment 09-11	\$660,000.00
S10	09-11	Smart Growth Engineering	814A	Development Process Analysis	\$44,500.00
S10	11-13	Desert Conservation Program	900	MSCHP Administration 11-13	\$5,348,302.50
S10	11-13	Desert Conservation Program	910	BCCE Mgmt,Maint & LE 11-13	\$411,000.00
S10	11-13	City of Boulder City	910A	BCCE Law Enforcement	\$225,378.00
S10	11-13	Desert Conservation Program	915	Property & Water Rights Mgmt 11-13	\$140,600.00
S10	11-13	National Park Service	915A	Muddy River Weed Management	\$108,000.00
S10	11-13	Desert Conservation Program	916	Information & Education 11-13	\$139,000.00
S10	11-13	Natalie Wood	916A	2012 MM Web Enhance & Social Media Dev	\$2,000.00
S10	11-13	KNPR	916D	Mojave Max Contest Campaign 2013	\$5,805.00
S10	11-13	Cox Media, LLC	916E	Mojave Max Contest TV Campaign 2013	\$7,964.00
S10	11-13	Las Vegas Review Journal	916F	Mojave Max Contest Print Campaign 2013	\$12,316.20
S10	11-13	Steve-N-Kids	916H	Mojave Max Mascot Appearances	\$5,000.00
S10	11-13	Zee Designs	916M	Mojave Max Pamphlets	\$7,569.00
S10	11-13	Desert Conservation Program	917	Riparian Property Acquisition 11-13	\$3,200,000.00
SNPLMA	R6	Desert Conservation Program	497A	Rare Plant Inventories	\$414,356.80
SNPLMA	R6	Bureau of Land Management	503	Roads Monitoring on BLM Lands	\$458,200.00
SNPLMA	R6	National Park Service	525	Lake Mead GIS and Data Mgmt Support	\$312,788.00
SNPLMA	R6	National Park Service	532	Threats Research and Monitoring on Invasive Species Sahara Mustard	\$88,674.00
SNPLMA	R6	Desert Conservation Program	544P	Desert Conservation Program Administration	\$3,646,939.00
SNPLMA	R6	Desert Conservation Program	553	Media and Outreach Development	\$264,000.00
SNPLMA	R6	Joshua Tree Productions	553-4-A	DCP Video and Photos	\$5,000.00
SNPLMA	R6	Natalie Wood	553-6-K	Mojave Max Website Development	\$2,000.00
SNPLMA	R6	Steve-N-Kids	553-8-B	Mojave Max Mascot Appearances	\$23,000.00
SNPLMA	R6	Nevada Natural Heritage Program	557	Sensitive Species Data Management	\$180,000.00
SNPLMA	R6	Desert Conservation Program	559	MM Emergence Contest Partnership & Partnership Dev	\$440,000.00
SNPLMA	R6	Red Rock Canyon Interpretive Association	559A	Mojave Max Education Program Development	\$400,000.00
SNPLMA	R6	Desert Conservation Program	561B	Muddy River Property Management	\$286,726.00
SNPLMA	R6	Pinyon Environmental Engineering	570C	Butterfly Monitoring and Inventories	\$97,566.00
SNPLMA	R6	Desert Conservation Program	574	Adaptive Management Program	\$3,245,368.50
SNPLMA	R6	U.S. Geological Survey	574B	Expert Advice	\$430,000.00
SNPLMA	R6	Sound Science, LLP	574M	Peer Review for MSHCP Documents	\$22,000.00
SNPLMA	R6	Terraspectra Geomatic	574P	Peer Review of GIS Data and Methods	\$23,000.00
SNPLMA	R6	Desert Conservation Program	574T	Butterfly Monitoring-Phase 2 for 570C	\$11,866.00
SNPLMA	R6	University of NV - Reno	578	Ecosystem Indicators: Change Detection	\$1,300,000.00

SORTED BY FUNDING SOURCE cont.

FUNDING SOURCE	BN/ ROUND	AGENCY	PROJECT NUMBER	PROJECT TITLE	AMOUNT AWARDED
SNPLMA	R6	Great Basin Bird Observatory	581	Developing Habitat Models and Monitoring Techniques for 9 Rare Birds	\$719,939.00
SNPLMA	R6	Desert Conservation Program	605	Volunteer Resource Stewardship	\$275,000.00
SNPLMA	R6	D'Swain Associates	605A	Volunteer Resource Stewardship	\$25,000.00
SNPLMA	R6	Desert Conservation Program	609	Adaptive Mgmt of Info Gather and Analysis Projects	\$550,000.00
SNPLMA	R6	University of NV - Las Vegas	609F	Gypsum Soils Analysis Technical Conditions	\$340,000.00
SNPLMA	R8	Bureau of Land Management	705	Road Designation and Monitoring	\$245,367.00
SNPLMA	R8	Pacific Traffic & Transit Data Services	705A	Road Use Monitoring	\$14,970.50
SNPLMA	R8	Desert Conservation Program	1011	Amendment of the CC MSHCP and ITP	\$2,672,120.00
SNPLMA	R8	PBS & J	1011B	Biological Environmental Consultant	\$623,320.00
SNPLMA	R8	US Fish & Wildlife Service	1012	Desert Tortoise Monitoring	\$0.00
SNPLMA	R8	Desert Conservation Program	1012A	Desert Tortoise Monitoring	\$1,134,842.00
SNPLMA	R8	Newfields	1012B	Desert Tortoise Occupancy Sampling Crews	\$120,000.00
SNPLMA	R12	Desert Conservation Program	920	BCCE Visitor & Use Management	\$42,000.00
SNPLMA	R12	Desert Conservation Program	921	Desert Use Media Campaign	\$50,000.00
SNPLMA	R12	Pinpoint Publications	921A	Stay On The Trail Advertising - Spring 2013	\$5,950.00
SNPLMA	R12	Las Vegas Review Journal	921B	Responsible Desert User Ad Campaign	\$18,900.00
SNPLMA	R12	Weir Marketing	921C	Billboards - Responsible Desert Use	\$12,070.00

SORTED BY AGENCY/CONTRACTOR

FUNDING SOURCE	BN/ ROUND	AGENCY	PROJECT NUMBER	PROJECT TITLE	AMOUNT AWARDED
S10	09-11	Bureau of Land Management	805H	Virgin River Cadastral Survey	\$105,000.00
SNPLMA	R6	Bureau of Land Management	503	Roads Monitoring on BLM Lands	\$458,200.00
SNPLMA	R8	Bureau of Land Management	705	Road Designation and Monitoring	\$245,367.00
S10	11-13	City of Boulder City	910A	BCCE Law Enforcement	\$225,378.00
S10	11-13	Cox Media, LLC	916E	Mojave Max Contest TV Campaign 2013	\$7,964.00
S10	07-09	Desert Conservation Program	719	DT Pickup Service, Transfer & Holding	\$800,000.00
S10	07-09	Desert Conservation Program	722	Management of Acquired Land & Water Rights	\$150,000.00
S10	07-09	Desert Conservation Program	1014	Permit Amendment Administration	\$1,010,299.00
S10	09-11	Desert Conservation Program	801	Adaptive Management Program	\$974,950.00
S10	09-11	Desert Conservation Program	802	BCCE Manage, Maint & Law Enforcement	\$340,000.00
S10	09-11	Desert Conservation Program	803	DT Hotline and Pick-Up Service	\$595,000.00
S10	09-11	Desert Conservation Program	804	Desert Tortoise Fencing S10	\$425,000.00
S10	09-11	Desert Conservation Program	805	Mgmt of Acquired Properties & Water Rights	\$255,000.00
S10	09-11	Desert Conservation Program	806	Public Information and Education	\$170,000.00
S10	09-11	Desert Conservation Program	807	OHV Education	\$350,000.00
S10	09-11	Desert Conservation Program	808	Assmt of Post-Fire Rehab of DT Habitat in CC	\$400,000.00
S10	09-11	Desert Conservation Program	809	Restoration of DT & Gypsum Habitat	\$300,000.00
S10	09-11	Desert Conservation Program	810	Relict Leopard Frog Conservation	\$270,000.00
S10	09-11	Desert Conservation Program	811	Desert Tortoise Monitoring 2011	\$386,260.00
S10	09-11	Desert Conservation Program	814	Permit Amendment 09-11	\$660,000.00
S10	11-13	Desert Conservation Program	900	MSCHP Administration 11-13	\$5,348,302.50
S10	11-13	Desert Conservation Program	910	BCCE Mgmt,Maint & LE 11-13	\$411,000.00
S10	11-13	Desert Conservation Program	915	Property & Water Rights Mgmt 11-13	\$140,600.00
S10	11-13	Desert Conservation Program	916	Information & Education 11-13	\$139,000.00
S10	11-13	Desert Conservation Program	917	Riparian Property Acquisition 11-13	\$3,200,000.00
SNPLMA	R12	Desert Conservation Program	920	BCCE Visitor & Use Management	\$42,000.00
SNPLMA	R12	Desert Conservation Program	921	Desert Use Media Campaign	\$50,000.00
SNPLMA	R6	Desert Conservation Program	497A	Rare Plant Inventories	\$414,356.80
SNPLMA	R6	Desert Conservation Program	544P	Desert Conservation Program Administration	\$3,646,939.00
SNPLMA	R6	Desert Conservation Program	553	Media and Outreach Development	\$264,000.00

SORTED BY AGENCY/CONTRACTOR cont.

FUNDING SOURCE	BN/ ROUND	AGENCY	PROJECT NUMBER	PROJECT TITLE	AMOUNT AWARDED
SNPLMA	R6	Desert Conservation Program	559	MM Emergence Contest Partnership & Partnership Dev	\$440,000.00
SNPLMA	R6	Desert Conservation Program	561B	Muddy River Property Management	\$286,726.00
SNPLMA	R6	Desert Conservation Program	574	Adaptive Management Program	\$3,245,368.50
SNPLMA	R6	Desert Conservation Program	574T	Butterfly Monitoring-Phase 2 for 570C	\$11,866.00
SNPLMA	R6	Desert Conservation Program	605	Volunteer Resource Stewardship	\$275,000.00
SNPLMA	R6	Desert Conservation Program	609	Adaptive Mgmt of Info Gather and Analysis Projects	\$550,000.00
SNPLMA	R8	Desert Conservation Program	1011	Amendment of the CC MSHCP and ITP	\$2,672,120.00
SNPLMA	R8	Desert Conservation Program	1012A	Desert Tortoise Monitoring	\$1,134,842.00
S10	09-11	Doug Nance	805I	Muddy River Property Management	\$19,415.00
S10	09-11	Doug Nance	805P	Muddy River Property Mgmt 2013	\$21,740.00
SNPLMA	R6	D'Swain Associates	605A	Volunteer Resource Stewardship	\$25,000.00
S10	07-09	EMS	1014B	Permit Amendment Legal Counsel	\$913,000.00
S10	09-11	Enduring Conservation Outcomes	801A	MSHCP Science Advisor	\$501,105.00
S10	09-11	Enduring Conservation Outcomes	801D	Science Advisor for the Desert Conservation Program	\$429,997.00
SNPLMA	R6	Great Basin Bird Observatory	581	Developing Habitat Models and Monitoring Techniques for 9 Rare Birds	\$719,939.00
SNPLMA	R6	Joshua Tree Productions	553-4-A	DCP Video and Photos	\$5,000.00
S10	07-09	Knight & Leavitt Associates	719M	Desert Tortoise Pick Up Service	\$104,000.00
S10	09-11	Knight & Leavitt Associates	803A	Wild DT Assistance Line	\$49,100.00
S10	11-13	KNPR	916D	Mojave Max Contest Campaign 2013	\$5,805.00
S10	11-13	Las Vegas Review Journal	916F	Mojave Max Contest Print Campaign 2013	\$12,316.20
SNPLMA	R12	Las Vegas Review Journal	921B	Responsible Desert User Ad Campaign	\$18,900.00
S10	07-09	Michael Buschelman Consulting, Inc.	722A	Surface Water Rights Consulting	\$49,600.00
S10	09-11	Michael Buschelman Consulting, Inc.	805Q	Water Rights Consulting -2013	\$35,500.00
S10	11-13	Natalie Wood	916A	2012 MM Web Enhance & Social Media Dev	\$2,000.00
SNPLMA	R6	Natalie Wood	553-6-K	Mojave Max Website Development	\$2,000.00
S10	09-11	National Park Service	810A	Relict Leopard Frog Conservation	\$270,000.00
S10	11-13	National Park Service	915A	Muddy River Weed Management	\$108,000.00
SNPLMA	R6	National Park Service	525	Lake Mead GIS and Data Mgmt Support	\$312,788.00
SNPLMA	R6	National Park Service	532	Threats Research and Monitoring on Invasive Species Sahara Mustard	\$88,674.00
SNPLMA	R6	Nevada National Heritage Program	557	Sensitive Species Data Management	\$180,000.00

SORTED BY AGENCY/CONTRACTOR cont.

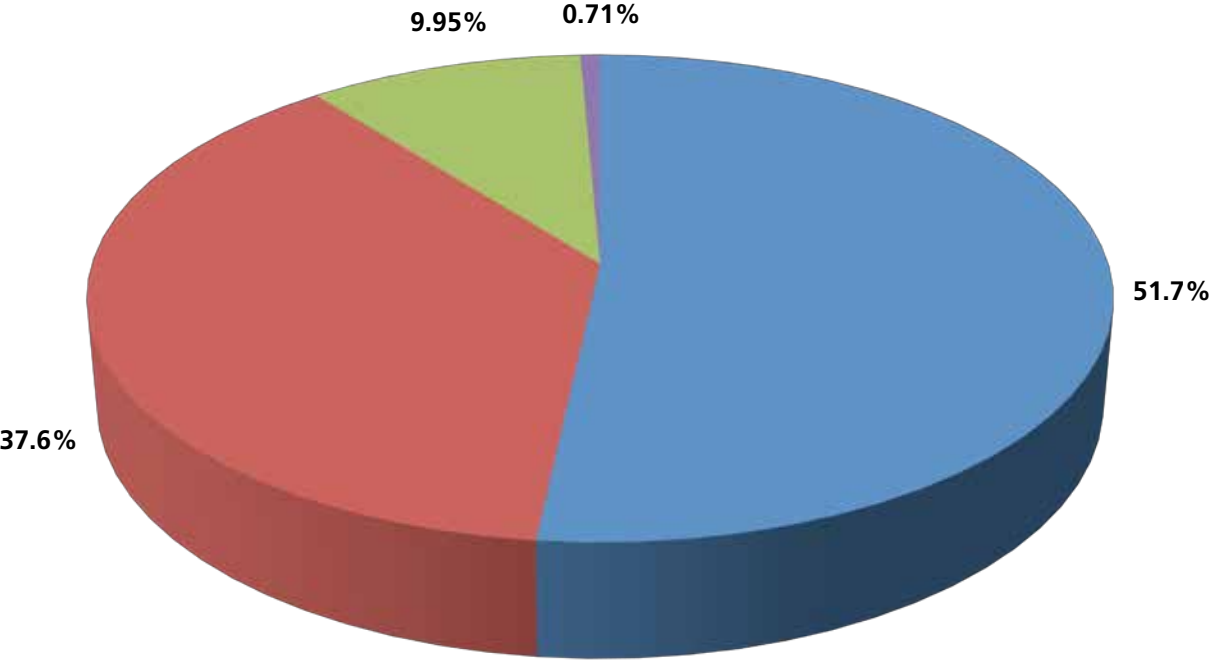
FUNDING SOURCE	BN/ROUND	AGENCY	PROJECT NUMBER	PROJECT TITLE	AMOUNT AWARDED
SNPLMA	R8	Newfields	1012B	Desert Tortoise Occupancy Sampling Crews	\$120,000.00
S10	09-11	NV Division of Forestry	804A	Fencing Installation & Maintenance	\$40,000.00
SNPLMA	R8	Pacific Traffic & Transit Data Services	705A	Road Use Monitoring	\$14,970.50
SNPLMA	R8	PBS & J	1011B	Biological Environmental Consultant	\$623,320.00
SNPLMA	R12	Pinpoint Publications	921A	Stay On The Trail Advertising - Spring 2013	\$5,950.00
SNPLMA	R6	Pinyon Environmental Engineering	570C	Butterfly Monitoring and Inventories	\$97,566.00
S10	09-11	Red Rock Canyon Interpretive Association	806A	Mojave Max Education Program	\$170,000.00
SNPLMA	R6	Red Rock Canyon Interpretive Association	559A	Mojave Max Education Program Development	\$400,000.00
S10	09-11	RoadSafe Traffic Systems	802F	BCCE Traffic Control Plan & Signage	\$508.00
S10	09-11	Smart Growth Engineering	814A	Development Process Analysis	\$44,500.00
S10	09-11	Soil-Tech Company	809B	BCCE Restoration-Phase I	\$14,888.29
SNPLMA	R6	Sound Science	574M	Peer Review for MSHCP Documents	\$22,000.00
S10	11-13	Steve-N-Kids	916H	Mojave Max Mascot Appearances	\$5,000.00
SNPLMA	R6	Steve-N-Kids	553-8-B	Mojave Max Mascot Appearances	\$23,000.00
S10	09-11	Terraspectra Geomatic	811A	Remote Sensing - 2013	\$24,297.00
SNPLMA	R6	Terraspectra Geomatic	574P	Peer Review of GIS Data and Methods	\$23,000.00
S10	09-11	The Nature Conservancy of NV	801C	Peer Review	\$36,225.00
S10	09-11	U.S. Geological Survey	808A	Assessment of Post-Fire Rehab of DT Habitat in CC	\$400,000.00
SNPLMA	R6	U.S. Geological Survey	574B	Expert Advice	\$430,000.00
S10	07-09	University of Georgia	719P	Desert Tortoise Endosurgery Study	\$3,045.00
S10	09-11	University of NV - Las Vegas	801B	Wesley E Niles Herbarium Services	\$5,000.00
SNPLMA	R6	University of NV - Las Vegas	609F	Gypsum Soils Analysis Technical Conditions	\$340,000.00
SNPLMA	R6	University of NV - Reno	578	Ecosystem Indicators: Change Detection	\$1,300,000.00
SNPLMA	R8	US Fish & Wildlife Service	1012	Desert Tortoise Monitoring	\$0.00
SNPLMA	R12	Weir Marketing	921C	Billboards - Responsible Desert Use	\$12,070.00
S10	11-13	Zee Designs	916M	Mojave Max Pamphlets	\$7,569.00
S10	07-09	Zoological Society of San Diego	719O	Desert Tortoise Shipping	\$10,350.00

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FINANCIAL REPORT



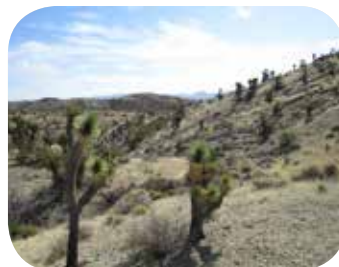
Expenses by Funding Source *
July 1, 2011, through June 30, 2013



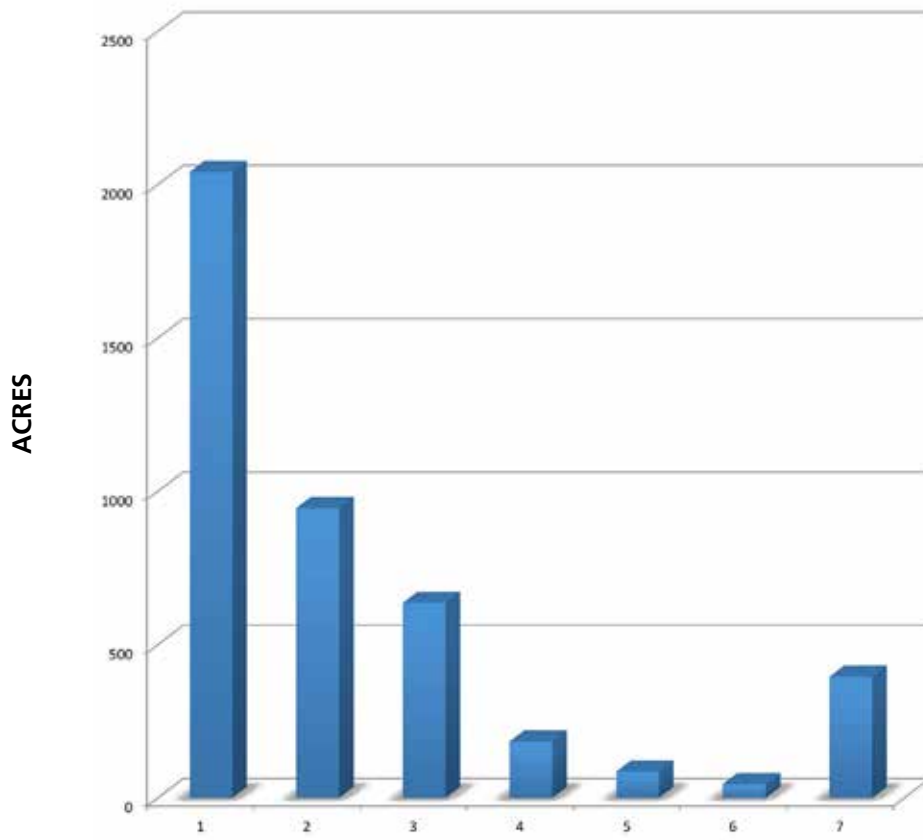
■ Section 10	\$3,421,782.67
■ SNPLMA-R6	\$2,487,811.32
■ SNPLMA-R8	\$658,371.21
■ SNPLMA-R12	\$47,051.75
All Totals	\$6,615,016.95

*Unaudited

LAND DISTURBANCE REPORTS

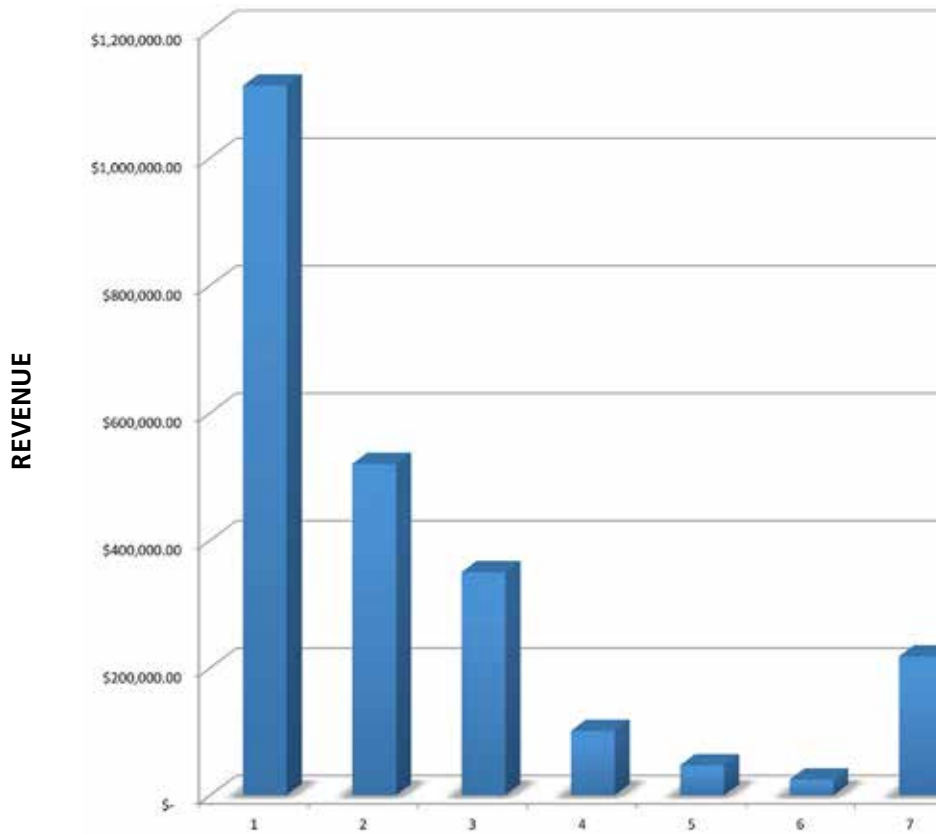


Section 10 Acres Disturbed
July 2011 through June 2013



PERMITEE	ACRES
1 Boulder City	2,023.88
2 Clark County	945.47
3 Henderson	636.25
4 Las Vegas	184.03
5 Mesquite	85.80
6 Nevada Department of Transportation	45.00
7 North Las Vegas	396.08
Total	4,316.51

Section 10 Revenue Generated July 2011 through June 2013



PERMITEE	REVENUE GENERATED
1 Boulder City	\$1,113,134.00
2 Clark County*	\$519,958.50
3 Henderson	\$349,937.50
4 Las Vegas	\$101,216.50
5 Mesquite	\$47,190.00
6 Nevada Department of Transportation	\$24,750.00
7 North Las Vegas	\$217,844.00
Total	\$2,374,030.50

*Revenue is generated by a \$550 per acre fee collected.
Clark County is \$50 off due to a refund processed in a different biennium.

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TORTOISE DISPOSITION SUMMARY



Tortoise Disposition Summary

Clark County's responsibilities regarding desert tortoise collection were established in the 1995 Desert Conservation Program and 2001 Multiple Species Habitat Conservation Plan and Section 10 Permit #TE034927-0. The Desert Conservation Program outlines the requirement to provide a pickup service to handle desert tortoises which are displaced by development or appear to be in harms way within urban areas under section C.3.a.

The Desert Conservation Program collects wild desert tortoises found on construction sites. The service is currently free of charge and is provided to developers who do voluntary surveys of their property prior to disturbance and to individual workers who come across a wild tortoise while on the job site. All tortoises collected through the pickup service are taken to the Desert Tortoise Conservation Center, which is operated and managed by the San Diego Zoo and United States Fish and Wildlife Service.

During the 2011-2013 biennium, the program collected 28 adult or juvenile desert tortoises and eight hatchling desert tortoises, for a total of 36. Ultimate disposition of these tortoises is at the discretion of the United States Fish and Wildlife Service.

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