

***Appendix III***

**SAMPLE  
Memorandum of Understanding (MOU)**

**between  
Bureau of Land Management, California Department of Fish and Game,  
Coachella Valley Conservation Commission,  
and U.S. Fish and Wildlife Service**

**for  
Interim Management of Reserve Management Units  
and  
Implementation of the Trails Management Plan for the  
Santa Rosa and San Jacinto Mountains Conservation Area**

**I. Purpose**

The MSHCP calls for the development of a management plan for each of the Reserve Units in the Plan Area. These Reserve Management Unit Plans (RMUPs) will be developed within three years of Permit issuance by the Reserve Management Unit Committees (RMUCs), Reserve Managers, and the Land Manager. The elements of the RMUPs are described in Section 6.2 of the MSHCP. The RMUPs will include ongoing management measures and Adaptive Management actions, schedules, and responsibilities for implementation. The RMUPs will include recommendations for public access and uses based on assessment of compatibility with resource protection objectives.

This Sample MOU (hereinafter “MOU”) has been developed to provide guidelines to address management needs that are known or may arise in years one through three of MSHCP implementation, prior to completion of the RMUPs. Upon Permit issuance for the MSHCP, the management entities will work together to finalize an MOU. [While this current MOU references only the Bureau of Land Management (BLM), California Department of Fish and Game (CDFG), Coachella Valley Conservation Commission (CVCC, for Permittee lands), and U.S. Fish and Wildlife Service (USFWS), the Final MOU is intended include California State Parks (State Parks), National Park Service (NPS), and U.S. Forest Service (USFS). The CVCC will use its best efforts to include State Parks, NPS, and USFS in the Final MOU so the MOU will facilitate coordination and integrated management of lands owned by agencies not signatory to the Plan (BLM, NPS, and USFS).] This MOU will serve as the basis for establishing and clarifying the roles and responsibilities of the cooperating parties in the management and operation of the Reserve System and implementation of the Conservation provisions of the Coachella Valley Multiple Species Habitat Conservation Plan/Natural Community Conservation Plan (MSHCP). However, this MOU notwithstanding, the parties recognize that management of their lands is

*Final Major Amendment to the CVMSHCP – August 2016*

guided by different authorities and policies and that final management decisions rest with each individual party.

This MOU is neither a fiscal nor a funds obligation document for the parties. The MOU shall not obligate the parties to expend appropriations or to enter into any contract or other obligation with the other parties or another entity.

In carrying out this MOU, there shall be no discrimination against any person because of race, color, national origin, sex, age, religion, or disability.

**II. Authorities**

This MOU is entered into under the following authorities:

- A. BLM: Section 307 of the Federal Land Policy and Management Act (Public Law 94-579, 90 Stat. 2766)  
Sikes Act (Public Law 93-452, 88 Stat. 1369)  
Endangered Species Act (Public Law 93-205, 87 Stat. 884) as amended  
BLM and CDFG Master Memorandum of Understanding (June 1983)  
California Desert Conservation Area (CDCA) Plan, as amended
- B. CDFG: California Code of Regulations (need citation)  
Sikes Act (Public Law 93-452, 88 Stat. 1369)  
BLM and CDFG Master Memorandum of Understanding (June 1983)  
California Endangered Species Act, as Amended September 1984
- C. CVCC: Implementing Agreement for MSHCP
- D. USFWS: Endangered Species Act (16USC 1531 et seq.), as amended  
Fish and Wildlife Coordination Act  
National Wildlife Refuge Administration Act (16USC 668 dd)

### **III. Goals and Objectives**

The parties agree that the overriding goal of this MOU is to ensure the Conservation of the Covered Species and natural communities and implement the MSHCP through maintenance and enhancement of biological diversity and ecosystem processes within the Plan Area (*See Section 1.2, Purpose, of the MSHCP*). The Reserve System is established as part of the MSHCP. The acquisition and maintenance of the Reserve System is the basis for issuance of Permits. The term “Permits” refers, collectively, to the Section 10(a)(1)(B) Permit and the NCCP Permit issued by USFWS and CDFG, respectively, to Permittees for Take of Covered Species pursuant to FESA and the NCCP Act (*See Section 1.2 of the MSHCP*). The management of the Reserve Lands will coordinate management of Existing Conservation Lands with Additional Conservation Lands acquired through the Plan.

The Plan establishes Reserve Management Units (RMUs) to ensure the coordinated management necessary to achieve the Conservation Goals and Objectives. RMUs encompass one or more Conservation Areas, based on Habitat/natural community patterns, land ownership, and similar management needs. Within the RMUs, management obligations under the Plan may vary depending on land ownership or administrating agency. Either a single agency (e.g. the National Park Service for Joshua Tree National Park Conservation Area) or a group of agencies will oversee these RMUs, working together as a Reserve Management Unit Committee (RMUC). The CVCC will have a Land Manager and a Monitoring Program Administrator (MPA) to work on behalf of the Permittees. The Land Manager and MPA will coordinate with the RMUCs, Trails Management Subcommittee, and Reserve Management Oversight Committee (RMOC) to facilitate the exchange of information regarding completed and proposed management/Adaptive Management actions and Monitoring Program data, respectively (*Section 8.2.2, Management Program Organizational Structure*).

The goal of the Management Program is to implement management actions and prescriptions that ensure Conservation of the Covered Species and Natural Communities within the Plan Area. As described in Section 8.4.6.2, the Management Program involves the implementation of Adaptive Management of trails and public use in the Santa Rosa and San Jacinto Mountains Conservation Area. The goals and objectives are provided below under Item A for the overall Management Program and Item B for the Trails Management Program.

#### A. Goals and Objectives: Reserve System Management Program (*from Section 8.1.2*)

The Management Program will incorporate Adaptive Management, which includes an integrated multidisciplinary approach to addressing management practices, evaluating management actions, and assessing threats using appropriate experimental approaches at species, community, and landscape levels. The Management Program will be integrated in a feedback loop with the Monitoring Program, which, in addition to tracking the status of Covered Species and conserved natural communities, will provide scientifically reliable data for the Management Program. The Management Program will:

- Develop a reserve management plan within 3 years of permit issuance and evaluate existing management activities. This plan will delineate cost estimates, staffing needs, and schedules for implementation.

## *Final Major Amendment to the CVMSHCP – August 2016*

- Use available data to structure a range of alternative response models to address a given threat or stressor affecting a Covered Species or natural community and evaluate these models.
- Incorporate a research component that will be funded and implemented by this Plan. Research needs will evolve over time. Research needs will be revealed by the same process used to evaluate monitoring and management protocols and results, incorporating empirical data and recognition of knowledge gaps.
- Provide a process for implementing Adaptive Management actions, and a means to evaluate the efficacy of these actions.
- Establish an evaluation subcommittee composed at least in part of managers and scientists.

### B. Goals and Objectives of the Trails Management Plan for the Santa Rosa and San Jacinto Mountains Conservation Area

The Trails Management Plan for the Santa Rosa and San Jacinto Mountains is designed to meet two primary goals. These goals and the related objectives are as follows:

Goal 1: Minimize the risk of potential adverse impacts to bighorn sheep from recreational activities.

- Objective 1: Design trail management measures to support predictable use patterns by trail users.
- Objective 2: Manage trails to preserve the opportunity for bighorn sheep to access water sources during the summer months.
- Objective 3: Manage trails to preserve the opportunity for bighorn sheep to move across the landscape.
- Objective 4: Implement a biological monitoring program to track trail use and bighorn sheep distribution and demography
- Objective 5: Provide a mechanism to evaluate effectiveness of the trails program and recommend modifications to management actions if necessary.

Goal 2: Provide recreational opportunities throughout the Santa Rosa and San Jacinto Mountains for hikers, equestrians, and mountain bikers that are consistent with recovery of bighorn sheep.

- Objective 6: Provide some opportunities for recreational trail use on a year-round basis.
- Objective 7: Provide at least seasonal opportunities for recreational trail use.
- Objective 8: Provide opportunities for recreation by developing new trails that avoid sensitive bighorn sheep habitat.
- Objective 9: Provide consistent management of the trails system across jurisdictional boundaries.

## **IV. Program Coordination and Responsibilities**

*Final Major Amendment to the CVMSHCP – August 2016*

A. Reserve System Management Program

To implement this MOU and ensure the coordinated management of the Reserve System, the parties hereby designate the following as their representatives to the RMOC. The representatives to each RMUC will also need to be identified.

BLM (designated by BLM)

CDFG (designated by CDFG)

California State Parks (designated by State Parks)

CVCC (designated by CVCC)

National Park Service (designated by NPS), *ex officio*

USFWS (designated by USFWS)

USFS (designated by USFS), *ex officio*

Other public or private entities that hold reserve lands as appointed by CVCC

To delineate management responsibilities among the agencies for the Reserve Management Program:

1. BLM agrees to:
  - a. Provide ranger support as time and staffing permit for the patrol of the Reserve System and enforcement of appropriate State and Federal laws and regulations.
  - b. Participate in habitat protection activities such as road closures, signing, fencing, patrols and other enforcement activities, consistent with the California Desert Conservation Area Plan, as amended.
  - c. Participate in habitat restoration and enhancement projects such as invasive species control, erosion control, restoration of illegal or decommissioned trails, and restoration from OHV impacts.
  - d. Participate in the development and installation of interpretive signs, kiosks, markers and other interpretive information.
  - e. Provide a representative to the RMUCs of which BLM is a designated member, (Unit 1, Unit 3, Unit 4, Unit 5, Unit 6), the Trails Management Subcommittee, and the RMOC.
  - f. Provide staff support covering archaeology, botany, geology, recreation, and wildlife issues for environmental assessment of actions taken within the Reserve System.
  - g. Provide funding, as available, to manage BLM lands within the Reserve System.

*Final Major Amendment to the CVMSHCP – August 2016*

2. CDFG agrees to:
  - a. Provide additional patrols and enforcement personnel as time and staffing permit in coordination with CVCC, BLM, and USFWS patrols.
  - b. Coordinate with USFWS and BLM concerning the review and permitting of all research needs within the Reserve System. This includes scientific collecting permits required by CDFG.
  - c. Provide funding, as available, for CDFG lands within the Reserve System.
  - d. Participate in habitat protection activities such as road closures, signing, fencing, patrols and other enforcement activities.
  - e. Participate in habitat restoration and enhancement projects such as invasive species control, erosion control, restoration of illegal or decommissioned trails, and restoration from OHV impacts.
  - f. Participate in the development and installation of interpretive signs, kiosks, markers and other interpretive information.
  - g. Provide a representative to the RMUCs of which CDFG is a designated member (Unit 1, Unit 4, Unit 6), the Trails Management Subcommittee, and the RMOC.
  - h. Provide staff support for biology and wildlife issues for environmental assessment of actions taken within the Reserve System.
  
3. CVCC agrees to:
  - a. Provide ranger/warden positions as identified in the Management Program budget, for patrol and enforcement on Permittee owned lands within the Reserve System, in coordination with BLM, CDFG, and USFWS enforcement personnel.
  - b. Implement the Management Program for the Reserve System as described in Section 8.0 of the MSHCP, in coordination with BLM, CDFG, USFWS, and other land management agencies and Permittees.
  - c. Implement the Monitoring Program for the Reserve System as described in Section 8.0 of the MSHCP, in coordination with BLM, CDFG, USFWS, and other land management agencies and Permittees.
  - d. Coordinate with USFWS, BLM and CDFG concerning the review and permitting of all research needs within the Reserve System.
  - e. Provide funding for the Local Permittee lands within the Reserve System, according to the budget and funding identified Sections 5 and 8 of the MSHCP.

*Final Major Amendment to the CVMSHCP – August 2016*

- f. Coordinate the development and installation of interpretive signs, kiosks, markers and other interpretive information.
- g. Provide a representative to the RMOC and the RMUCs in which Permittees own land.
- h. CVCC may retain or contract with a person or entity to manage Local Permittee RMU lands and coordinate through the RMUCs with the entities managing Conservation land in the RMUs. As set forth in Section 6.1.5 of the MSHCP, the duties of the Land Manager include:
  - i. Manage the Local Permittees' RMU lands pursuant to the Plan.
  - ii. Coordinate construction of fencing and barriers designed to control and manage public use of the Conservation Areas and maintain/replace those structures as needed over time.
  - iii. Provide liaison between the RMUCs and appropriate law enforcement entities to keep trespass and illegal dumping activities under control.
  - iv. Coordinate, in cooperation with state and federal land management agencies, the construction and maintenance of public access trails and kiosks in appropriate locations approved by the RMOC, and provide current informational literature to the public.
  - v. Organize and coordinate a docent/volunteer corps to help with public access, interpretation, and construction of public trails and kiosk facilities.
  - vi. Respond to public inquiries in coordination with appropriate land management agencies and Permittees.
  - vii. In coordination with the agencies on whose land the control activities would occur, carry out and coordinate exotic species control activities, focusing on those invasive exotic species with the greatest impacts on the Covered Species, conserved natural communities, and the functioning of natural processes within the Conservation Areas.
  - viii. In coordination with the agencies on whose land the activities would occur, carry out, coordinate and/or contract for any additional management activity called for in the MSHCP Reserve System Management Program.
  - ix. Facilitate the exchange of information regarding all completed and proposed management and Adaptive Management actions.
  - x. Prepare an annual work plan, in coordination with the RMUCs, to be reviewed and commented on by the RMOC, and then submitted to the CVCC for budget approval. The elements of the annual work plan are described in Section 8.7.
  - xi. Provide annual reporting to CVCC and the RMOC on all completed and proposed land management and adaptive management actions.
  - xii. Coordinate with the MPA regarding the Monitoring Program.

*Final Major Amendment to the CVMSHCP – August 2016*

4. USFWS agrees to:
  - a. Provide additional patrols and enforcement personnel as time and staffing permit in coordination with CVCC, BLM, and CDFG patrols.
  - b. Coordinate with CDFG and BLM concerning the review and permitting of all research needs within the Reserve System.
  - c. Provide funding for USFWS lands within the Reserve System.
  - d. Participate in habitat protection activities such as road closures, signing, fencing, patrols and other enforcement activities on Refuge lands within the Reserve System.
  - e. Participate in habitat restoration and enhancement projects such as invasive species control, erosion control, and restoration from OHV impacts.
  - f. Participate in the development and installation of interpretive signs, kiosks, markers and other interpretive information.
  - g. Provide a representative to the RMUCs in which USFWS owns land (Unit 1), the Trails Management Subcommittee, and the RMOC.
  - h. Provide staff support for biology and wildlife issues for environmental assessment of actions taken within the Reserve System.
  
5. All parties agree:
  - a. To identify a process for adoption of, and provide for enforcement of, rules and regulations for the Reserve System, consistent with applicable authorities regarding enforcement activities.
  - b. To cooperate in regulation, management, control, or elimination of activities which may be adverse to the Conservation of the Covered Species and covered natural communities within the Reserve System, as described in Section 8, 9, and 10 of the MSHCP and consistent with applicable plans, policies, regulations, and laws governing non-signatories to the Plan.
  - c. To cooperate in monitoring and Adaptive Management of the Covered Species and covered natural communities within the Reserve System, as described in Section 8 of the MSHCP and consistent with applicable plans, policies, regulations, and laws governing non-signatories to the Plan.
  - d. To promote, develop, screen, review, and approve research projects within the Reserve System in coordination with the other members of the RMOC and consistent with applicable plans, policies, regulations, and laws.



*Final Major Amendment to the CVMSHCP – August 2016*

- e. To promote public awareness of the resource values within the Reserve System through interpretive programs, public education, and community outreach.
- f. To ensure any action proposed by any of the parties within the Reserve System is promptly reviewed by all parties prior to approval of that action, including other members of the RMOC. This shall not convey the right to any party to veto a proposed use or action on the land of another party but is intended to affirm a spirit of negotiation and cooperation. Potentially conflicting land uses shall be discussed among the parties. The parties with, where necessary, the assistance of the Land Manager and the MPA, shall ensure that any action taken is consistent with the MSHCP and Conservation of the Covered Species and natural communities, as well as other applicable plans, policies, regulations, and laws.
- g. To review the annual budget and annual work plan for the Reserve System, in coordination with the RMOC. The Land Manager and the RMUCs will coordinate in the preparation of an annual work plan for each RMU. The annual work plan will describe the conserved lands, the potential threats and proposed management prescriptions, a work schedule for management actions, and a budget.
- h. To coordinate management responsibilities among the parties, including other land management agencies within the Reserve System. Any party may be responsible for implementing any of the activities; however, one party may be designated in the work plan to be responsible for coordinating, promoting, and overseeing projects under its assigned responsibility. Project-specific agreements may be required for one party to implement an activity on another party's land.
- i. That each provision of this MOU is subject to the bylaws of CVCC, the laws of the State of California, and the laws of the United States.
- j. That nothing herein shall be construed as obligating any of the cooperating parties to expend or be involved in any contract or other obligation for the future payment of money in excess of the appropriations authorized by law and administratively allocated for these projects.
- k. That all improvements shall be and will remain the property of the entity owning the land on which such improvements occur unless otherwise provided for through another instrument.
- l. That each party agrees that it will be responsible for its own acts and the results thereof and shall not be responsible for the acts of the other parties and the results thereof. Each party therefore agrees that it will assume all risk and liability to itself, its agents or employees, for any injury to persons or property resulting in any manner from the conduct of its own operations, and the operations of its agents or employees, under this MOU, from any and all causes due to any act or acts, negligence, or the failure to exercise proper precautions, of or by itself or its own agents or its own employees, while occupying or visiting the premises under and

*Final Major Amendment to the CVMSHCP – August 2016*

pursuant to the MOU. The Government's liability shall be covered by the provisions of the Federal Tort Claims Act (28 U.S.C. 2671-80 (1976)).

B. Implementation of the Trails Management Plan for the Santa Rosa and San Jacinto Mountains Conservation Area

The following statements delineate management responsibilities among the agencies for Trails Management Program. State Parks, NPS, and USFS do not have lands affected by or involved in the Trails Plan:

1. BLM agrees to:
  - a. Provide ranger support as time and staffing permit for the enforcement of trails management program (e.g. mandatory self-issue permit on some trails), consistent with enforcement of appropriate State and Federal laws and regulations.
  - b. Provide at least one seasonal aide (or equivalent), as funding is available, to implement the human use monitoring on selected trails in conjunction with other seasonal aides provided by the CVCC as described in Section 8 of the Plan.
  - c. Provide support as time and staffing permit, including personnel, materials, and equipment for the bighorn sheep and trails research program. This may include but is not limited to in-kind commitments of staff, equipment, etc.
  - d. Cooperate with CVCC, CDFG, USFWS, and other partners on the funding and implementation of the bighorn sheep-monitoring program, including funding as available.
  - e. Participate in trail management activities such as installation of trail signage and barriers, installation of trailheads, patrols and other enforcement activities, consistent with the California Desert Conservation Area Plan, as amended.
  - f. Participate in the development and installation of interpretive signs, kiosks, markers and other interpretive information regarding trails and resource issues.
  - g. Provide a representative to the Trails Management Subcommittee.
  - h. Provide staff support covering archaeology, cultural resources, botany, geology, recreation, and wildlife issues for the Trails Management Program.
  - i. Provide funding, as available, for trails management projects on BLM lands within the Santa Rosa and San Jacinto Mountains Conservation Area.

*Final Major Amendment to the CVMSHCP – August 2016*

2. CDFG agrees to:

- a. Provide personnel as time and staffing permit for the enforcement of trails management program (e.g. mandatory self-issue permit on some trails), consistent with enforcement of appropriate State and Federal laws and regulations.
- b. Coordinate with USFWS and BLM concerning the review and permitting of all research needs for the Trails Management Program.
- c. Provide staff support for the design and implementation of the human use monitoring on selected trails.
- d. Provide personnel as time and staffing permit for the bighorn sheep and trails research program.
- e. Cooperate with BLM, CVCC, USFWS, and other partners on the funding and implementation of the bighorn sheep-monitoring program.
- f. Participate in trail management activities such as installation of trail signage and barriers, installation of trailheads, and patrols and other enforcement activities.
- g. Participate in the development and installation of interpretive signs, kiosks, markers and other interpretive information regarding trails and resource issues.
- h. Provide a representative to the Trails Management Subcommittee.
- i. Provide staff support for biology and wildlife issues for environmental assessment of actions taken for the Trails Management Program.

3. CVCC agrees to:

- a. Provide personnel for the enforcement of trails management program (e.g. mandatory self-issue permit on some trails), consistent with enforcement of appropriate State and Federal laws and regulations.
- b. Coordinate with USFWS, CDFG, and BLM concerning the review and permitting of all research needs for the Trails Management Program.
- c. Provide three seasonal aides for the implementation of the human use monitoring on selected trails in conjunction with another seasonal aide provided by the BLM as described in Section 8 of the Plan.
- d. Provide funding for personnel, materials, and equipment for the bighorn sheep and trails research program. The CVCC share has been apportioned, based on the land ownership of areas where existing and future trails occur, as approximately 40% of

*Final Major Amendment to the CVMSHCP – August 2016*

the total cost. This share may include but is not limited to in-kind commitments of staff, equipment, etc.

- e. Cooperate with BLM, CDFG, USFWS, and other partners on the funding and implementation of the bighorn sheep-monitoring program.
  - f. Participate in trail management activities such as installation of trail signage and barriers, installation of trailheads, and patrols and other enforcement activities.
  - g. Participate in the development and installation of interpretive signs, kiosks, markers and other interpretive information regarding trails and resource issues.
  - h. Provide a representative to the Trails Management Subcommittee.
4. USFWS agrees to:
- a. Coordinate with CDFG and BLM concerning the review and permitting of all research needs for the Trails Management Program.
  - b. Cooperate with BLM, CDFG, CVCC, and other partners on the funding and implementation of the bighorn sheep-monitoring program.
  - c. Provide staff support for the design and implementation of the human use monitoring on selected trails.
  - d. Provide staff support for the design and implementation of the bighorn sheep and trails research program and the bighorn sheep-monitoring program.
  - e. Provide a representative to the Trails Management Subcommittee.
  - f. Provide staff support for biology and wildlife issues related to the Trails Management Program.

Table A2-1 provides a summary of the tasks, roles and responsibilities for initial implementation of the Trails Plan beginning with Permit issuance in Plan year one.

**VI. Execution, Modification, and Duration of MOU**

This MOU will become effective upon the date subscribed by the last signatory, and shall continue in force until the completion of the management plans for each of the Reserve Units in the Plan Area. These RMUPs will be developed within three years of Permit issuance. This MOU may be terminated by any party upon 30 days written notice.

*Final Major Amendment to the CVMSHCP – August 2016*

Amendment to this MOU may be proposed by any party and shall become effective upon approval by all parties.

\_\_\_\_\_  
BLM

\_\_\_\_\_  
Date

\_\_\_\_\_  
CDFG

\_\_\_\_\_  
Date

\_\_\_\_\_  
CVCC

\_\_\_\_\_  
Date

\_\_\_\_\_  
USFWS

\_\_\_\_\_  
Date

**Table A2-1: Summary of the Roles and Responsibilities of Agencies and Organizations for Implementation of the Trails Management Plan for the Santa Rosa and San Jacinto Mountains Conservation Area<sup>1</sup>**

<b>MANAGEMENT ACTION/TASK</b>	<b>IMPLEMENTATION</b>	<b>RESPONSIBLE ENTITY</b>
<b><i>TRAILS AND BIGHORN SHEEP RESEARCH PROGRAM</i></b>		
➤ Determine Funding Needs and Identify Funding Sources for Years 1-5	Year 1	❖ CDFG ❖ CVCC ❖ BLM ❖ USFWS
➤ Develop Request for Proposals (includes selection of Outside Reviewers)	Year 1	❖ CVCC ❖ CDFG ❖ BLM ❖ USFWS ❖ Outside Objective Reviewers
➤ Release Request for Proposals	Year 1	❖ CVCC
➤ Select Researchers	Year 1	❖ CVCC ❖ CDFG ❖ BLM ❖ USFWS ❖ Outside Objective Reviewers
➤ Finalize Research Study Design ➤ Coordinate Trail Use Levels under Research Program	Year 2	❖ Research Scientists ❖ CVCC ❖ BLM ❖ CDFG ❖ USFWS
➤ Conduct Field Research	Years 2 through 6	❖ Research Scientists
➤ Provide Annual Progress Report and Data Summaries	Years 2 through 7	❖ Research Scientists ❖ Monitoring Program Coord.
➤ Review Annual Progress Report and Data Summaries	Years 2 through 7	❖ RMOC ❖ RMUC ❖ Trails Management Subcommittee
➤ Research Results/Data Analyzed	Year 6	❖ Research Scientists

*Final Major Amendment to the CVMSHCP – August 2016*

<b>MANAGEMENT ACTION/TASK</b>	<b>IMPLEMENTATION</b>	<b>RESPONSIBLE ENTITY</b>
<b><i>TRAILS AND BIGHORN SHEEP RESEARCH PROGRAM (CONT.)</i></b>		
➤ Research Report Completed	Year 7 (or by Year 9)	❖ Research Scientists
➤ Revise Trails Management Program as needed	pending completion of relevant research (by Year 10)	❖ CVCC ❖ CDFG ❖ BLM ❖ USFWS ❖ Trails Management Subcommittee
<b><i>HUMAN TRAIL USE MONITORING PROGRAM</i></b>		
➤ Determine Funding Needs and Identify Funding Sources for Years 1-7	Year 1	❖ CDFG ❖ CVCC ❖ BLM ❖ USFWS
➤ Finalize Study Design for Field Monitoring	Year 1	❖ CDFG ❖ CVCC ❖ BLM ❖ USFWS
➤ Implement Self-issue permit System ➤ Self issue permit data should be calibrated with results of monitoring	Year 1	❖ CVCC ❖ BLM ❖ Trails Management Subcommittee
➤ Implement Trail Use Monitoring	Year 1	❖ CVCC ❖ BLM ❖ CDFG
➤ Monitor Compliance with Hot Season Closures	Years 1 through 7	❖ CVCC ❖ BLM ❖ CDFG
➤ Provide Annual Progress Report and Data Summaries	Years 1 through 7	❖ Monitoring Program Coord. ❖ BLM ❖ CDFG
➤ Review Annual Progress Report and Data Summaries	Years 1 through 7	❖ RMOC, RMUC ❖ CVCC ❖ Trails Management Subcommittee

*Final Major Amendment to the CVMSHCP – August 2016*

<b>MANAGEMENT ACTION/TASK</b>	<b>IMPLEMENTATION</b>	<b>RESPONSIBLE ENTITY</b>
<b><i>PENINSULAR BIGHORN SHEEP POPULATION MONITORING</i></b>		
➤ Determine Funding Needs and Identify Funding Sources for Years 1-5	Year 1	<ul style="list-style-type: none"> <li>❖ CDFG</li> <li>❖ CVCC</li> <li>❖ BLM</li> <li>❖ USFWS</li> </ul>
➤ Determine Elements of Monitoring Program	Year 1	<ul style="list-style-type: none"> <li>❖ CDFG</li> <li>❖ CVCC</li> <li>❖ BLM</li> <li>❖ USFWS</li> </ul>
➤ Develop Request for Proposals (includes selection of Outside Reviewers)	Year 1	<ul style="list-style-type: none"> <li>❖ CVCC</li> <li>❖ CDFG</li> <li>❖ BLM</li> <li>❖ USFWS</li> <li>❖ Outside Objective Reviewers</li> <li>❖ Trails Management Subcommittee</li> </ul>
➤ Release Request for Proposals	Year 1	<ul style="list-style-type: none"> <li>❖ CVCC</li> </ul>
➤ Select Monitoring Program Scientists	Year 1	<ul style="list-style-type: none"> <li>❖ CVCC</li> <li>❖ CDFG</li> <li>❖ BLM</li> <li>❖ USFWS</li> <li>❖ Outside Objective Reviewers (subject to approval by other committee members)</li> </ul>
➤ Finalize Monitoring Design	Year 1	<ul style="list-style-type: none"> <li>❖ Research Scientists</li> <li>❖ CVCC</li> <li>❖ CDFG</li> <li>❖ BLM</li> <li>❖ USFWS</li> </ul>



*Final Major Amendment to the CVMSHCP – August 2016*

<b>MANAGEMENT ACTION/TASK</b>	<b>IMPLEMENTATION</b>	<b>RESPONSIBLE ENTITY</b>
<b><i>PENINSULAR BIGHORN SHEEP POPULATION MONITORING (CONT.)</i></b>		
➤ Implement PBS Monitoring Program	Year 1-2	❖ CVCC ❖ CDFG ❖ BLM ❖ USFWS ❖ OTHER PARTNERS
➤ Provide Annual Progress Report and Data Summaries	Years 2 through 6	❖ Research Scientists ❖ Monitoring Program Coordinator
➤ Review Annual Progress Report and Data Summaries	Years 1 through 9	❖ RMOC ❖ RMUC ❖ Trails Management Subcommittee
<b><i>TRAILS EDUCATION PROGRAM</i></b>		
➤ Implement Trails education program ➤ Involve/coordinate with Trails Management Committee ➤ Determine funding sources for kiosks at trailheads ➤ Install kiosks by Year 2 ➤ Informational articles in trail user group newsletters	Year 1 – Year 7	❖ CVCC ❖ CDFG ❖ BLM ❖ SRSJ National Monument ❖ Trails Management Subcommittee ❖ OTHER PARTNERS
➤ Coordinate with National Monument and Monument Advisory Committee	Ongoing	❖ CVCC ❖ BLM

*Final Major Amendment to the CVMSHCP – August 2016*

<b>MANAGEMENT ACTION/TASK</b>	<b>IMPLEMENTATION</b>	<b>RESPONSIBLE ENTITY</b>
<b><i>TRAILS ENFORCEMENT PROGRAM</i></b>		
<ul style="list-style-type: none"> <li>➤ Develop Joint Enforcement MOU               <ul style="list-style-type: none"> <li>➤ Determine enforcement program for self-issue permits</li> </ul> </li> </ul>	Year 1	<ul style="list-style-type: none"> <li>❖ BLM</li> <li>❖ CDFG</li> <li>❖ CVCC</li> </ul>
<ul style="list-style-type: none"> <li>➤ Implement Trails Enforcement Program               <ul style="list-style-type: none"> <li>➤ Install signage, barriers</li> </ul> </li> </ul>	Year 1 and Year 2	<ul style="list-style-type: none"> <li>❖ BLM</li> <li>❖ CDFG</li> <li>❖ CVCC</li> </ul>
<ul style="list-style-type: none"> <li>➤ Coordinate with Trails Management Subcommittee and Trail User Groups on volunteer enforcement</li> </ul>	Year 1 – Year 7	<ul style="list-style-type: none"> <li>❖ CVCC</li> <li>❖ BLM</li> <li>❖ Trails Management Subcommittee</li> <li>❖ Trail User Groups</li> </ul>
<b><i>ANNUAL REVIEW OF TRAILS MANAGEMENT PROGRAM</i></b>		
<ul style="list-style-type: none"> <li>➤ Implement Annual Review of Trails Management Program including PBS monitoring data, research data, compliance with hot season closures, self-issue permit results, human use of trails</li> </ul>	Year 1	<ul style="list-style-type: none"> <li>❖ Trails Management Subcommittee</li> <li>❖ RMUC</li> <li>❖ RMOC</li> </ul>
		❖

<sup>1</sup> *Timelines in Table A2-1 are advisory only and failure to meet these timelines does not render this MOU invalid. Additionally the Management Actions/Tasks may change after the formation of the RMOC and input is subsequently received from that Committee.*

<sup>2</sup> *Year 1 begins at permit issuance.*