

APPENDIX D. MCAS MIRAMAR INRMP PROJECTS

Planned INRMP projects within this chapter are summarized by general topics (*e.g.*, Special Status Species Management, Vernal Pool Management, Fish and Wildlife Management), in the order used in chapters 7 and 9. Individual must fund and other planned projects within each of these general topics are budget items entered into the Marine Corps CompTRAK budget system.

Individual projects are described in a standard format to facilitate input into the CompTRAK system and provide a means of monitoring overall INRMP implementation. All actions and projects are summarized in Appendix G to provide a means of monitoring overall INRMP implementation.

Project format is as follows:

Project: Title and CompTRAK number (if already in the budget system)

Description: A brief summary of the planned action.

Driver: A driver identifies a need to be satisfied in order for the mission to continue without disruption. Management drivers are installation unique and are defined by the mission, land uses to support the mission, and natural resources affected by the mission¹.

Implementation Timeframes: Calendar year the project is planned to be executed. Some projects are ongoing or as-needed.

Required Funding: Funds required by fiscal year, budget classification (see Section 9.1.1, *Funding Definitions*), and general source of funding (Agricultural, Centrally Managed Environmental Program (CMEP), or Operations Budget (OPBUD))

Regulatory Approvals Required: Used if projects are legally required to have some form of coordination, consultation, or permitting from an outside agency.

Project Implementation Vehicle: Generally either in-house or contract with the understanding that even contract projects require in-house support/monitoring.

Success Monitoring: Quantitative or qualitative means used to determine how well the project is meeting the purposes of the INRMP and the military readiness mission of the Station.

Each general section has an objective(s). Under each objective is a list of projects in the above format. Projects for each objective are grouped as either “must fund projects” or “other planned projects.” Must fund projects are either budget class 0 or 1; other planned projects are either budget class 2 or 3.

DoD Instruction 4715.3 describes funding classifications that pertain to “must fund” projects (Class 0 and Class 1) and other planned projects that are not required to meet INRMP implementation status (Class 2 and Class 3).

Class 0, Recurring Natural and Cultural Resources Conservation Requirements (“Federal and State laws, regulations, Presidential Executive orders, and DoD policies”) shall also include actions necessary to rehabilitate or prevent resources degradation that may affect military readiness.

Class 1, Current Compliance shall contain requirements to managed federally listed threatened or endangered species. Class 1 includes projects needed because an installation is currently out of compliance.

¹ Drivers often include compliance with laws and regulations. Military regulatory requirements are not included in driver descriptions since virtually all drivers are tied to general Department of Defense instructions and/or Marine Corps Orders.

Class 2, Maintenance Requirements shall include those projects that are not currently out of compliance but shall be out of compliance (with applicable laws, regulations, standards, Executive Orders, or DoD Policy) if projects are not implemented in time to meet an established deadline beyond the current program year.

Class 3, Enhancement Actions Beyond Compliance shall include projects that enhance conservation resources or the integrity of the installation mission, or are needed to address overall environmental goals and objectives, but are not specifically required under regulation or executive order and are not of an immediate nature.

MCAS Miramar INRMP Implementation Projects

Section 7.3.1, General Vegetation Management and Soil Conservation

Objective 1: Develop and implement a program for natural land and habitat restoration and rehabilitation.

Must Fund Projects:

Project: Invasive Species Control – MI55353

Description: Identify and control invasive plants, include physical removal of individual invasive plants, especially acacia (*Acacia* spp.), tamarisk (*Tamarix* spp.), and fennel (*Foeniculum vulgare*). Nuisance fauna control may also be included.

Driver: Comply with Plant Protection Act, Noxious Plant Control Act, and Executive Order 13112 to maintain fully functioning native ecosystems that can support military training activities, maximize training access, and minimize fire hazards.

Implementation Timeframes: Annually

Required Funding: 2011-15 - \$60,000 annually, Class 0, Agriculture Outlease funds

Regulatory Approvals Required: None

Project Implementation Vehicle: Contract

Success Monitoring: Counts (individual plants and/or extent of coverage) of invasive species controlled and monitoring effects (generally qualitatively) of invasive species on ecosystem functionality.

Project: Minor Projects/Damage Repair – MI25555

Description: Implement repair actions annually during year when damage was caused. This also includes minor natural resource projects that cannot be identified in advance.

Driver: Provide a mechanism to respond to damage that could be associated with noncompliance of natural resource laws, e.g., ESA, CWA, or could affect the capability to train on damaged lands.

Implementation Timeframes: Annually, as needed

Required Funding: 2011- \$5,000 2012-13 - \$6,000, 2014-15 - \$7,000, Class 0, OPBUD funds

Regulatory Approvals Required: Depends on project

Project Implementation Vehicle: Contract and/or in-house supplies

Success Monitoring: Monitoring occurs by (1) site visits, (2) repeated assessments of ecosystem functionality throughout any remediation, (3) initiation of any appropriate restoration, (4) consistent contract/letter of agreement quality assurance, (5) insurance of compliance in a timely manner, and (6) conduction of any appropriate regulatory consultations.

Other Planned Projects:

Project: Vegetation Mapping – MI85555

Description: Update vegetation mapping of MCAS Miramar in a manner compatible with current databases and analyze changes since the 2000-based mapping. Ensure mapping reflects changes due to construction,

restoration, fires, encroachment, etc. Determine needed changes to areas now classified as “disturbed.”

Driver: Provide data to analyze planned mission and mission support projects according to NEPA requirements and provide information needed to manage for naturally functioning ecosystems to support the military mission.

Implementation Timeframes: Initiate in 2012

Required Funding: 2012 - \$290,000, Class 2, Agriculture Outlease funds

Regulatory Approvals Required: None

Project Implementation Vehicle: Contract

Success Monitoring: Delivery of GIS database and analysis report that are compatible with current database and provide landscape analysis of changes and initial evaluation of the causes of changes in vegetation.

Project: Restore Eroded Areas – MI0600002

Description: This project would use results of the 2005 soil erosion inventory (URS 2005) to repair and restore, in a priority fashion, significantly damaged areas on MCAS Miramar. Emphasis will be on support of military training and wildland fire management, significant soil loss, and important habitat restoration.

Driver: Restore eroded areas that could result in noncompliance with laws, such as ESA or CWA, or could affect the capability to train on eroded lands.

Implementation Timeframes: Initiate in 2013

Required Funding: 2013- \$300,000, Class 2, Agriculture Outlease funds

Regulatory Approvals Required: None

Project Implementation Vehicle: Contract

Success Monitoring: Monitoring occurs by (1) site visits, (2) repeated assessments of native ecosystem functionality throughout any remediation, (3) initiation of any appropriate restoration, (4) consistent contract/letter of agreement quality assurance, (5) insurance of compliance in a timely manner, and (6) conduction of any appropriate regulatory consultations.

Objective 2: Continue the LTEM program of vegetation and soil conditions on MCAS Miramar.

Other Planned Project:

Project: Long-term Ecosystem Monitoring (Floral Component) – MI95556

Description: Resurvey the vegetation transect component of LTEM program. Analyze comparisons with results of 1999-2000 and 2008-09 transect surveys.

Driver: Data are required to support a position that military use of the land is not having a significant impact on the environment, particularly the vegetation component.

Implementation Timeframes: Initiate in 2014

Required Funding: 2014 - \$190,000, Class 2, Agriculture Outlease funds

Regulatory Approvals Required: None

Project Implementation Vehicle: Contract

Success Monitoring: Delivery of GIS database and analysis report that are compatible with current database and provide analysis of changes and causes of changes in vegetation.

Section 7.4.1, Special Status Species Management

Objective 1: Proactively maintain up-to-date presence/absence, distribution, and habitat data for all Special Status Species to support project and activity planning, management, and implementation on MCAS Miramar.

Must Fund Projects:

Project: Presence/Absence Gnatcatcher Surveys – MI37405

Description: Conduct Station-wide surveys for the coastal California gnatcatcher at about three-year intervals to monitor the species and use information for site availability and mitigation decisions.

Driver: Comply with ESA, which requires that MCAS Miramar have reliable population data on federally listed species for the entire Station, to support military training activities with minimal disruption.

Implementation Timeframes: Initiate in 2012 and 2015

Required Funding: 2012 - \$170,000; 2015 - \$180,000, Class 0, OPBUD funds

Regulatory Approvals Required: None

Project Implementation Vehicle: Contract

Success Monitoring: Surveys for the coastal California gnatcatcher are completed on time and have information that is usable for management decisions.

Project: Endangered Least Bell's Vireo Surveys – MI97016

Description: This project completes breeding season surveys of MCAS Miramar to determine the locations of habitat use for endangered least Bell's vireos and the endangered southwestern willow flycatchers. Sites supporting these endangered species will be mapped, and territory permanence of the season will be monitored. From the mapped locations, a Geographic Information System (GIS) data layer(s) with associated databases will be provided the Station.

Driver: Comply with ESA, which requires that MCAS Miramar have reliable population data on federally listed species for the entire Station, to support military training activities with minimal disruption.

Implementation Timeframes: Initiate in 2013

Required Funding: 2013 - \$45,000, Class 0, OPBUD funds

Regulatory Approvals Required: None

Project Implementation Vehicle: Contract

Success Monitoring: Surveys for the least Bell's vireo and southwestern willow flycatcher are completed on time and have information and databases that is usable for management decisions.

Project: Non-Vernal Pool Endangered Plant Monitoring – MI0500005

Description: Monitor population size and health of endangered plants on MCAS Miramar that are not associated with vernal pools. Target species include endangered willowy monardella and endangered Del Mar manzanita. Provide implementation and continued survey support for monitoring protocols (data collection, record maintenance, etc.), assessment, analysis, and interagency reporting for federally endangered species covered by the ESA. Collect data on established long-term monitoring plots for both species and complete a Station-wide survey of one of the two species (so each species is comprehensively surveyed every 6 years).

Driver: Comply with ESA, which requires that MCAS Miramar have reliable population data on federally listed species for the entire Station, to support military training activities with minimal disruption.

Implementation Timeframes: Initiate in 2011 and 2014

Required Funding: 2011 - \$150,000; 2013 - \$160,000, Class 0, OPBUD funds

Regulatory Approvals Required: None

Project Implementation Vehicle: Contract

Success Monitoring: Population data for the willowy monardella, Del Mar manzanita, and other federally listed non-vernal pool plants are up-to-date and are usable for management decisions.

Other Planned Projects:

Project: Endangered Fairy Shrimp Genetics Study – MI14AG01

Description: Collect endangered fairy shrimp from multiple vernal pool groups on MCAS Miramar for comparative analysis of genetic diversity between vernal pool groups. Limited work on this subject was done in the late 1990s throughout the region by the University of San Diego, but samples from multiple basins and multiple locations at MCAS Miramar were limited.

Driver: Comply with ESA, CWA, and NEPA, which requires that MCAS Miramar have reliable data on federally listed species, to support military training activities with minimal disruption. The Station continues to be limited as to how salvaged fairy shrimp are placed in suitable habitat. Limited past work on San Diego fairy shrimp genetics throughout the species range has caused the USFWS and others to restrict placement of fairy shrimp cysts salvaged from project sites to restoration pools elsewhere on the Station, stating that they do not want to mix different genotypes. More detailed genetic information on genetics may provide the basis to achieve more flexibility for placement of mitigation efforts and associated relocation of fairy shrimp cysts to different vernal pool groups than where they were collected.

Implementation Timeframes: Initiate in 2014

Required Funding: 2014 - \$100,000, Class 2, Agriculture Outlease funds

Regulatory Approvals Required: None; plan to coordinate Scope of Work with USFWS.

Project Implementation Vehicle: Contract

Success Monitoring: Genetic analyses of fairy shrimp are completed on time and have information and databases that are usable for management decisions.

Project: Endangered California Orcutt's Grass/Spreading Navarretia Habitat Study – MI15AG01

Description: Survey suitable vernal pool habitat for endangered California Orcutt's grass and threatened spreading navarretia on MCAS Miramar to better understand distribution and life history, including growing conditions. Review existing data to better understand best conditions for survey and identification of these species. Project is expected to last 4-5 years due to very unpredictable growing conditions for these species. Both species have been minimally identified on the installation; however, a complete population census or habitat requirements has not been formally identified or documented. Intent is to improve knowledge of these plants for project and mitigation planning, cost estimates, and regulatory consultation negotiations.

Driver: Comply with the ESA, which requires that MCAS Miramar have reliable population data on federally listed species for the entire Station, to support military training activities with minimal disruption. Distribution of these species and understanding of species growth characteristics continue to be poorly understood, which makes ESA consultations involving potential adverse effects to these species very difficult.

Implementation Timeframes: Initiate in 2015

Required Funding: 2015 – \$90,000, Class 3, Agriculture Outlease funds

Regulatory Approvals Required: None; plan to coordinate Scope of Work with USFWS.

Project implementation vehicle: Contract

Success Monitoring: Surveys for California Orcutt's grass and spreading navarretia are completed on time and documentation includes a report with installation-wide plant census identified on a map, description of all appropriate habitat within installation boundaries, explanation of plant life history for appropriate survey timing, and any other appropriate specialized information that would provide guidance for management of these listed species.

Objective 2: Proactively Manage Special Status Species habitat.

Other Planned Project:

Project: Conservation Buffer/Mitigation Siting Study – MI11AG01

Description: Conduct investigations and planning to identify opportunities to conserve buffer lands and/or habitat mitigation easements within the range of Special Status Species, regionally rare plant communities, and regional context as outlined by the U.S. Fish and Wildlife Service letter of December 9, 2009, regarding Buffer Lands Acquisition Program and Offsite Conservation for MCB Camp Pendleton and MCAS Miramar. Ideally, such lands will secure habitat areas supporting rare and endangered resources found on the Station and/or will buffer the Station from encroaching development. Sites suitable to meet installation habitat mitigation needs will also be identified (through conservation easements or purchase of mitigation credits). If feasible, funds may be used in partnership with other non-profit or government conservation entities to acquire an interest in identified parcels; however, it is likely that funds provided by this would be insufficient to do so.

Driver: Comply with ESA, which requires that MCAS Miramar manage federally listed species habitat, to avoid Critical Habitat designation and support military training activities with minimal disruption, including development encroachment. MCAS Miramar needs to investigate conservation buffering opportunities.

Implementation Timeframes: Initiate project in 2011

Required Funding: 2011 - \$130,000, Class 3, Agriculture Outlease funds

Regulatory Approvals Required: None

Project Implementation Vehicle: Contract

Success Monitoring: Investigations of potential conservation buffer and mitigation opportunities are completed and provide information and data usable for management decisions regarding buffering from development and mitigation options, particularly involving federally listed species and regionally rare plant community types. Preparation of planning documentation needed for the DoD/USMC Encroachment Buffering program would be a primary deliverable.

Section 7.5.1, Vernal Pool Habitat Management

Objective 1: Take proactive action to prevent damage to vernal pool habitat.

Must Fund Project:

Project: Vernal Pool Management – MI82949

Description: Protect, enhance, and restore vernal pools on the Station through fencing, marking, weeding, recontouring or other management actions.

Driver: Manage vernal pool habitat to comply with the ESA and CWA and to support military training activities with minimal disruption.

Implementation Timeframes: Ongoing, annually

Required Funding: 2011 - \$14,000; 2012 - \$15,000, 2013 - \$16,000, 2014 - \$17,000, 2015 - \$18,000, Class 0, OPBUD funds

Regulatory Approvals Required: Possibly USFWS and/or U.S. Army Corps of Engineers

Project Implementation Vehicle: In-house/small contract, depending on action

Success Monitoring: Damage to vernal pool habitat is repaired and accidental damage to vernal pool habitat is reduced.

Section 7.5.2, General Wetlands Management, including Mitigation

Objective: Identify and manage wetlands on MCAS to maintain no net loss of wetland values.

Other Planned Project:

Project: Wetland/Streambed Mitigation Siting Survey – MI10AG01

Description: Survey MCAS Miramar for sites suitable for streambed and wetland mitigation to meet requirements for CWA permitting. Primary focus will initially be non-vernal pool wetlands but may include vernal pool wetlands if mission priorities or funding warrant. Site specific restoration plans are not anticipated from this effort, but the report should contain sufficient information for ACOE and RWQCB approval of mitigation sites.

Driver: Obtain accurate wetland/streambed mitigation siting data to comply with the CWA and support military mission activities with minimal disruption. MCAS Miramar does not have good information for CWA permitting actions to support future mission essential projects. Information on suitable wetland mitigation sites was identified in last "baseline" ECE as a discrepancy of the MCAS Miramar INRMP. This project will help provide information for the 2016 INRMP update.

Implementation Timeframes: Initiate in 2011

Required Funding: 2011 - \$160,000, Class 3, Agriculture Outlease funds

Regulatory Approvals Required: None; project will be developed with ACOE

Project Implementation Vehicle: Contract or interagency agreement with ACOE

Success Monitoring: Surveys for sites suitable for streambed and wetland mitigation are completed on time, and a report identifies sites, methodologies, benefits in terms of functions and values, and constraints, provided with GIS data.

Section 7.6.1, General Wildlife Management

Objective: Maintain healthy wildlife populations as a component of the ecosystem.

Other Planned Projects:

Project: Burrowing Owl Population Survey - MI14NR001

Description: Survey potentially suitable habitat on MCAS Miramar for the presence of breeding pairs and overwintering individuals of the burrowing owl. Map sites supporting this species and provide Geographic Information System (GIS) data layers with associated databases and metadata to the Station.

Driver: Supports conservation and project NEPA analysis with respect to this federal and state species of concern and establishes an information database in the event the species is eventually listed as federal and/or state threatened or endangered.

Implementation Timeframes: Initiate in 2014

Required funding: 2014 - \$75,000, Class 3, OPBUD funds

Regulatory Approvals Required: None

Project Implementation Vehicle: Contract

Success Monitoring: Surveys for burrowing owls are completed on time and have information and comprehensive GIS data usable for management decisions.

Project: Long-term Ecosystem Monitoring (Faunal Component) – MI95556

Description: Resurvey the wildlife species component of LTEM program. Analyze and compare with results of 1999-2000 and 2008-09 wildlife surveys. Conduct migratory bird monitoring in support of the DoD/USFWS memorandum of understanding on Conservation of Migratory Birds.

Driver: Comply with the final rule on migratory birds and collect other data to support a position that military use of the land is not having a significant impact on the environment, particularly on wildlife species distribution.

Implementation Timeframes: Initiate in 2015

Required Funding: 2015 - \$200,000, Class 0, Agriculture Outlease funds

Regulatory Approvals Required: None

Project Implementation Vehicle: Contract

Success Monitoring: Delivery of databases and analysis report that are compatible with current databases and provide analysis of changes and causes of changes in wildlife species distribution and occurrence.

Section 7.9, INRMP Planning

Objective: Review and update this INRMP at least every five years or when major changes are made to the natural resources program; coordinate this update with the USFWS and CDFG.

Must Fund Project:

Project: Prepare INRMP/Environmental Assessment – MI40225

Description: Review and update this INRMP; coordinate this update with the USFWS and CDFG.

Driver: Comply with Sikes Act to develop and implement an INRMP that meets natural resources regulatory requirements and manages MCAS natural resources in a manner to support the Station military mission.

Implementation Timeframes: Initiate in 2014

Required Funding: 2014 - \$150,000, Class 0, OPBUD funds

Regulatory Approvals Required: USFWS and CDFG

Project Implementation Vehicle: Contract

Success Monitoring: Whether this INRMP is reviewed and updated in compliance with the Sikes Act before 2016.

Section 9.2.1, INRMP Implementation Professional Staffing

Objective: Provide professional, well trained staffing and appropriate supplies and equipment for the MCAS Miramar natural resources program to effectively implement this INRMP.

Must Fund Projects:

Project: Manpower (Labor) – MI0300003

Description: Provide the manpower to implement the natural resources management program at MCAS Miramar, particularly to implement the INRMP.

Driver: Comply with various natural resources-related laws to allow completion of the military mission and operate a program to maintain fully functioning native ecosystems that can support military training activities.

Implementation Timeframes: Annually

Required Funding: 2011 - \$414,000 annually; 2012 - \$426,000; 2013 - \$439,000; 2014 - \$452,000; 2015 - \$466,000, Class 0, OPBUD funds

Regulatory Approvals Required: None

Project Implementation Vehicle: In-house

Success Monitoring: There is adequate staffing to ensure that sufficient numbers of professionally trained natural resources management staff are available to perform the tasks required by the INRMP.

Project: Natural Resources Training/Travel – MI69690

Description: Provide natural resources training for all Natural Resources Division personnel to ensure they receive training necessary to keep current in environmental regulations, technology, and management practices.

Driver: Understand requirements to comply with various natural resources-related laws in order to allow completion of the military mission and manage an effective, efficient natural resources program to support the military mission.

Implementation Timeframes: Annually

Required Funding: 2011-12 - \$10,000 annually; 2013-15 - \$11,000 annually, Class 0, OPBUD funds

Regulatory Approvals Required: None

Project Implementation Vehicle: In-house

Success Monitoring: There is adequate training provided to ensure that professionally trained natural resources management staff are available to perform the tasks required by the INRMP (similar to training described in Section 9.2.1).

Project: Natural Resources Supplies – MI72633

Description: Provide modern equipment and technology as well as the regular procurement of supplies needed to conduct day-to-day operations and provide support to several small-scale projects. Ensure that GIS/GPS computer hardware, software, peripherals, and maintenance agreements are current; hardware and software are capable of complex computations and manipulations with large data sets; detailed graphics are viewable; and quality maps and reports can be produced. Ensure GPS hardware and software are technologically advanced and capable of withstanding extreme mapping conditions (*e.g.*, weather). Ensure GIS/GPS hardware and software are consistent with latest Marine Corps guidance.

Driver: Maintain a natural resources program that can effectively comply with various natural resources-related laws to allow completion of the military mission and maintain fully functioning native ecosystems that can support military training activities.

Implementation Timeframes: Annually

Required Funding: 2011-13 - \$10,000 annually; 2014 - \$11,000; 2015 - \$12,000, Class 0, OPBUD funds

Regulatory Approvals Required: None

Project Implementation Vehicle: In-house

Success Monitoring: There are adequate supplies and equipment to support tasks required by the INRMP.

Section 9.2.2, Project Support, including GIS

Objective: Provide project support needed to implement this INRMP. Maintain Station natural resources GIS database, ensuring all information is current and up-to-date; ensure that all GIS information is available to biologists, planners, contractors, and others in a quick and timely manner; and maintain an operational GPS unit to quickly and accurately map natural resources.

Must Fund Project:

Project: Natural Resources Project Support - MI0300009

Description: Provides a project management support option by Southwest Division NAVFACENGCOM for contracting, natural resource cooperative agreements, and project oversight. **Driver:** Maintain a natural resources program that can effectively comply with various natural resources-related laws to allow completion of the military mission and maintain fully functioning native ecosystems that can support military training activities.

Implementation Timeframes: Annually, as needed

Required Funding: 2011 - \$17,000, 2012 - \$18,000; 2013 - \$19,000; 2014 - \$20,000; 2015 - \$21,000, Class 0, Agriculture Outlease funds

Regulatory Approvals Required: None

Project Implementation Vehicle: Naval Facilities Engineering Command, Southwest

Success Monitoring: The degree and quality of support provided by the Naval Facilities Engineering Command, Southwest to implement tasks required by the INRMP.

Other Planned Project:

Project: GIS/GPS Supplies, Equipment, and Maintenance – MI22202

Description: Upgrade the GPS unit (last time was FY05). This project supports initial purchase through NMCI. This requirement has been merged with the Natural Resources Division supplies Comtrak entry MI72633. That entry has been increased accordingly.

Driver: Provide accurate and current geospatial data to maintain proactive natural resources programs and provide critical data and information when needed for compliance with federal laws relating to natural resources, such as the ESA, CWA and NEPA. Geospatial data are needed to support the military mission through minimization of environmental issues.

Implementation Timeframes: Initiate in 2014

Required Funding: 2014 - \$12,000, Class 1, OPBUD funds

Regulatory Approvals Required: None

Project Implementation Vehicle: In-house

Success Monitoring: A determination of effectiveness of GPS data to assist in MCAS Miramar decision-making.

Section 9.4.2, Agricultural Funds

Objective: Implement the Agriculture Outlease program.

Must Fund Project:

Project: Agricultural Outlease Management – MI99006

Description: Program management support by the Southwest Division NAVFACENGCOM to manage the agricultural outlease program, including the wholesale nursery and possibly re-establishment of a native seed collection license. Also includes environmental audit of lease operations and pesticide management planning.

Driver: Use provisions within the Military Construction Authorization Act to provide multiple use of Station lands, consistent with requirements of the military mission, and to provide a funding mechanism for other projects within this INRMP. Drivers for projects funded with agricultural lease receipts define drivers for this project.

Implementation Timeframes: Annually

Required Funding: 2011 - \$30,000; 2012 - \$24,000, 2013 - \$25,000, 2014 - \$26,000, 2015 - \$27,000; Class 0, Agriculture Outlease funds

Regulatory Approvals Required: None

Project Implementation Vehicle: Southwest Division, Naval Facilities Engineering Command

Success Monitoring: A qualitative assessment by Southwest Division, Naval Facilities Engineering Command as to the value and operating efficiency of agricultural outleases on MCAS Miramar, particularly with regard to compatibility with the military mission.