



UNITED STATES MARINE CORPS
MARINE CORPS AIR STATION MIRAMAR
P.O. BOX 452001
SAN DIEGO CA 92145-2001

In reply refer to
5090 4287
15 SEP 2014

From: Environmental Management Officer
To: Commanding Officer, MCAS Miramar (Attn: ADJ)

Subj: COMMAND DUTY OFFICER (CDO) PROCEDURES FOR ENVIRONMENTAL
INCIDENTS THAT INVOLVE HAZARDOUS MATERIALS OR THREATENED
NATURAL RESOURCES

Ref: (a) MCAS Miramar Facility Response Plan January 2013
(b) MCO P5090.2A

Encl: (1) Spill Response Notification Form
(2) Sensitive Natural Resources Map
(3) SOP for Dead/Injured Large Wildlife

1. Purpose. Provide instructions to the MCAS Miramar CDO in the event of a hazardous substance incident or a threat to natural resources. Reference (a) provides procedures and requirements for responding to spills of oils or hazardous substances. Reference (b) establishes responsibilities for compliance with statutory and regulatory environmental requirements.

2. Hazardous Material Incidents.

a. CDO Notification. Per reference (a), station activities are to notify the CDO in case of hazardous substance incidents that occur during non-duty hours when:

(1) A spill or release of petroleum products is greater than 25 gallons or in any amount of a hazardous substance beyond the activity's response capabilities.

(2) A spill or release enters or has the potential to enter the environment via a drainage system, waterway, or an unpaved area.

(3) A spill or release results in incapacitating vapors or fumes, fire, or injured personnel requiring medical treatment.

NOTE: Units do not make notifications to off-base agencies. The Miramar Fire or Environmental Management Departments notify off-base agencies as may be required for response assistance or regulatory reporting purposes.

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b. CDO Actions. When notified of an oil or hazardous substance incident, the CDO shall take the following actions:

(1) Contact the MCAS Miramar Fire Department/PMO Dispatch Center at 911 on a station telephone to request the Miramar Fire Department emergency response, PMO, and/or medical personnel. If using a cell phone, you will be required to notify the 911 operator that you are calling from MCAS Miramar, and you will be transferred to MCAS emergency dispatch. Call 577-4059 for non-emergency Fire Department or PMO assistance.

(2) Record the incident information on the Spill Response Notification Form (encl (1)).

NOTE: Miramar Fire Department at 911 is the Emergency First Responder and Incident Commander once on scene and should be contacted in case of fire and/or spill containment is needed.

(3) Contact MCAS Miramar Environmental Management Department (EMD) personnel:

(a) Work Hours. Incidents occurring during normal work hours (0630-1600, Monday through Friday excluding holidays), attempt to contact an Environmental Protection Specialist from the Waste Management Division at 577-1102/1139/1277/1087 or contact the EMD front desk at 577-1108 and state you are reporting a hazardous materials incident.

(b) Non-Work Hours. Incidents occurring during non-work hours shall be reported to one of the EMD staff listed below in order of precedence:

NOTE: Continue reporting procedures until an EMD staff member is contacted; Do not rely on a message left on an answering machine.

(i) Assistant Environmental Management Officer, cell (858) 603-4446.

(ii) Director, Waste Management Division, cell (951) 234-2683.

(iii) Director, Environmental Engineering Division, cell (619) 518-5252.

(4) Submit the Spill Response Notification Form to the EMD Bldg. 6306 during working hours or FAX to 577-4200.

(5) Spills less than the 25 gallons or that have not entered or do not have the potential to enter the environment and are adequately responded to by the notifying unit, are to be reported via telephone to the EMD by 0800 the next workday.

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(6) Miramar's Facility Response Plan (FRP), Chapter 2; Spill Contingency Plan, can also be found online at <http://www.miramar-ems.marines.mil/Divisions/EnvironmentalEngineeringDivision/SpillResponse.aspx>.

3. Incidents Threatening Natural Resource. Natural resources generally occur in uninhabited areas with naturally occurring vegetated landscape and wildlife (e.g., wetlands, such as vernal pools, drainages/streams, or some slopes). It is unlawful to take any action that may kill, harm, or harass a threatened or endangered animal species, without the required regulatory agency approval. Enclosure (2) is a map showing locations on MCAS Miramar with threatened and endangered species and wetlands. An online version may also be found at [http://www.miramar-ems.marines.mil/Portals/60/Docs/MEMS/Nat Res/Sensitive%20Resources%20Map%20\(Feb2014\).pdf](http://www.miramar-ems.marines.mil/Portals/60/Docs/MEMS/Nat%20Res/Sensitive%20Resources%20Map%20(Feb2014).pdf)

a. Natural Resources Incidents. Generally, incidents include fires, hazardous material spills, and off-road vehicle operations. Retrieval of vehicles stuck off-road requires coordination with the Natural Resource Division prior to removal due to the possibility that significant environmental damage or adverse impacts may occur to threatened or endangered species.

b. Wildlife Complaints. The Public Works Division (PWD) responds to nuisance wildlife calls (e.g., rattlesnakes, bird nests, coyotes, injured or dead wildlife, birds in buildings, or rodent control). Contact the PWD Help Desk during normal duty day hours (0630-1600, Monday through Friday) at 577-1609/1619. After hours emergency pest control can be obtained from Kirby Moulton of CARTWRIGHT PEST CONTROL office (866) 467-2847 and emergency number (619) 843-6114. Enclosure (3) is the Standard Operating Procedure for dead or severely injured large wildlife (also posted at the website listed in paragraph 3). Persons responding to such an incident should follow this SOP. These types of incidents are not considered significant impacts to natural resources addressed in the following paragraph.

c. Action. When notified of an incident that may significantly impact natural resource, the CDO shall take the following actions:

(1) Work Hours. Incidents occurring during normal work hours (0630-1600, Monday through Friday excluding holidays), call the MCAS Miramar Environmental Management Department at 577-1125/1108/4088, and state you are reporting a natural resources incident. Do not rely on leaving a message on an answering machine. If the first number called is not answered, leave a message then proceed with calling subsequent numbers until a person is verbally notified.

(2) Non-Work Hours. Incidents occurring during non-work hours, contact one of the MCAS Miramar EMD staff listed below in order of precedence. Only incidents affecting areas identified in enclosure

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(2) as supporting "Surveyed Endangered Species" or "Vernal Pools" should be addressed immediately by contacting EMD staff during non-work hours. Incidents in areas identified as not having these natural resources should be reported as soon as possible during normal working hours. Do not rely on leaving a message on an answering machine.


(a) Director, Natural Resources Division, (858)997-8364.

(b) Wildlife Biologist, (619)944-1964.

(c) Botanist, (858)521-9460.

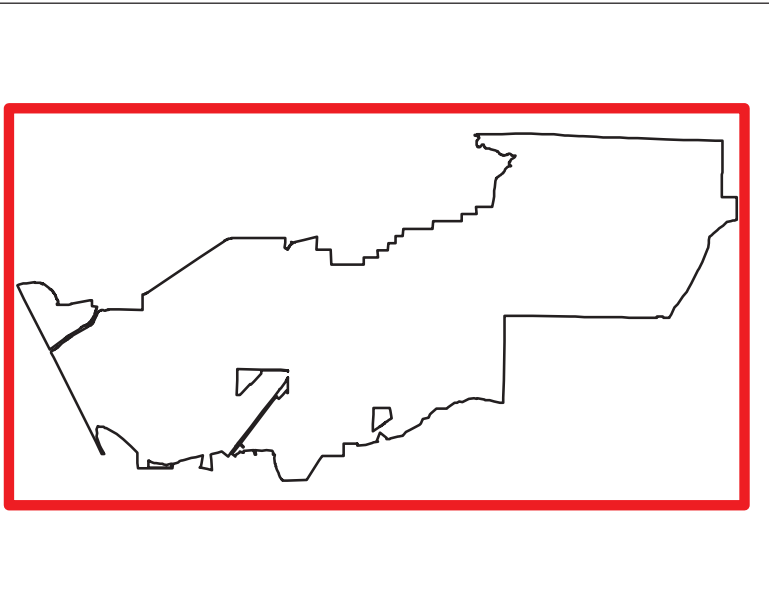
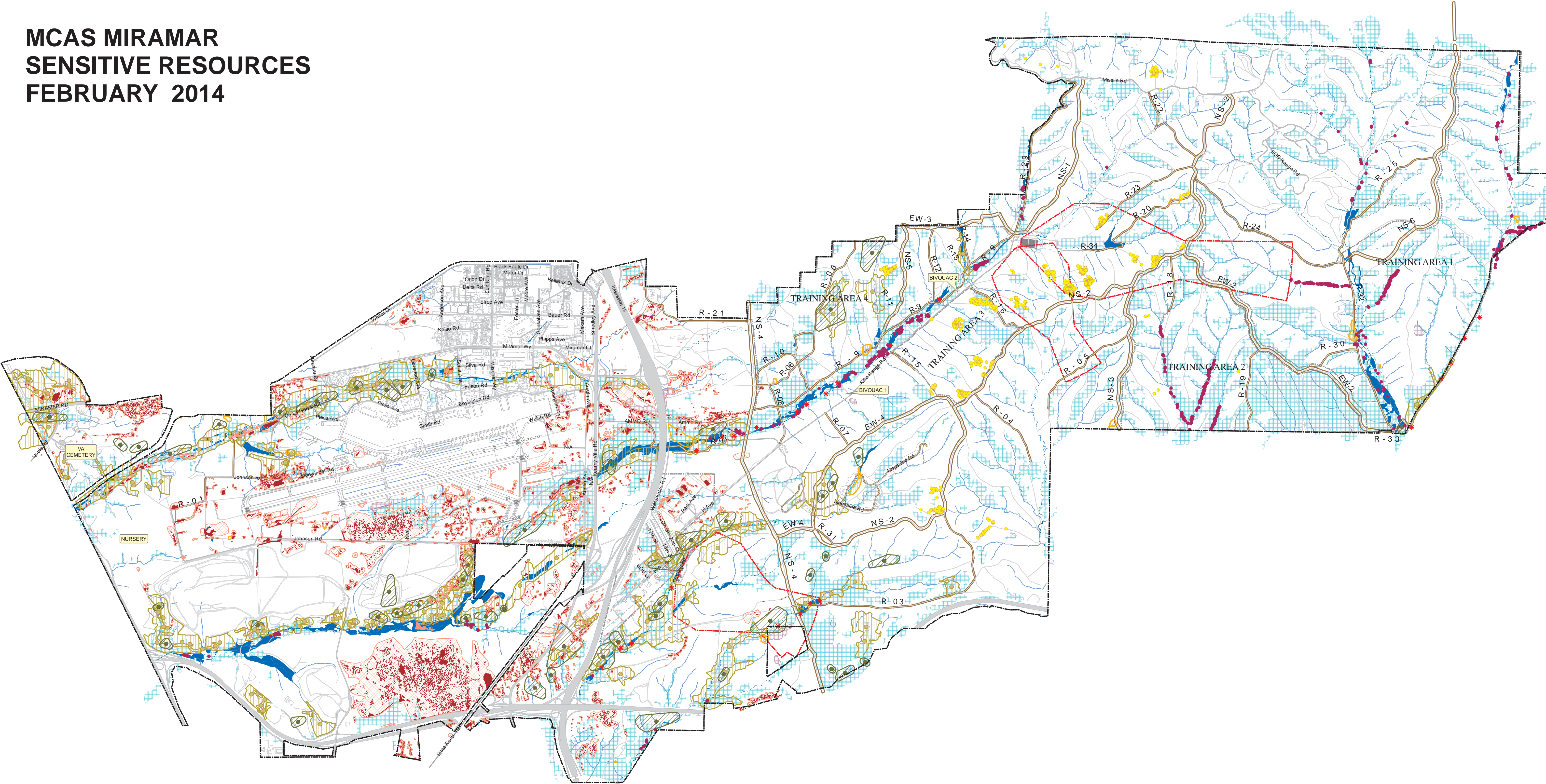
(d) Asst. Environmental Mgmt. Officer, (858)603-4446.

4. Non-Emergency Incidents. All environmental non-emergency incidents or situations not addressed above shall be reported by the CDO to the EMD no later than 0800 the following workday at (858) 577-1108.


S. M. VAN WINKLE

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MCAS MIRAMAR
SENSITIVE RESOURCES
FEBRUARY 2014



MARINE CORPS
AIR STATION
MIRAMAR

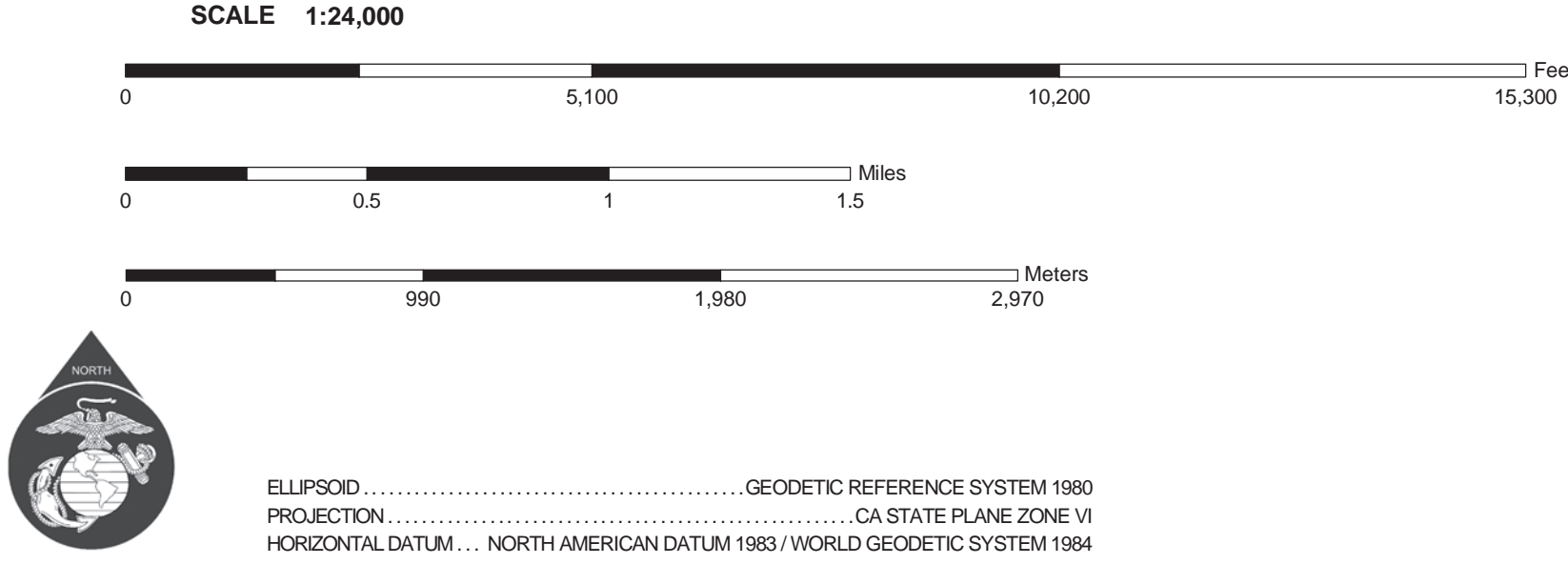


Marine Corps Air Station Miramar
Environmental Management Department
Natural Resources Division POC: David Boyer
Phone: 858.577.1125/4088

EMD GIS Staff: Barbara Bell
Phone: 858.577.6732
Email: barbara.e.bell@usmc.mil

Map Publication Date: FEBRUARY 2014

THE NORTH AMERICAN DATUM 1983 (NAD 83) AND THE
WORLD GEODETIC SYSTEM 1984 DATUM (WGS 84)
ARE EQUIVALENT FOR MAPPING, CHARTING AND
NAVIGATION AT THIS SCALE.
NAD 83 / WGS 84



NOTES

BOUNDARIES SHOULD NOT BE CONSIDERED AUTHORITATIVE.
TELEPHONE AND ELECTRIC SERVICE LINES ARE NOT SHOWN.
IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.
ROAD CLASSIFICATION SHOULD BE REFERRED TO WITH CAUTION.
THERE MAY BE PRIVATE INHOLDINGS WITHIN THE BOUNDARIES OF
THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP.

ALTHOUGH EVERY EFFORT HAS BEEN MADE TO ENSURE THE ACCURACY OF THE
INFORMATION, ERRORS AND CONDITIONS ORIGINATING FROM PHYSICAL SOURCES
TO DEVELOP THE DATABASE MAY BE REFLECTED IN THE DATA SUPPLIED. THE
USER MUST BE AWARE OF DATA CONDITIONS AND ULTIMATELY BEAR
RESPONSIBILITY FOR THE APPROPRIATE USE OF THE INFORMATION WITH
RESPECT TO POSSIBLE ERRORS, ORIGINAL MAP SCALE, COLLECTION
METHODOLOGY, CURRENCY OF THE DATA, AND OTHER CONDITIONS SPECIFIC TO
CERTAIN DATA. THIS INFORMATION DOES NOT DEPICT ALL POSSIBLE RESOURCES.
FIELD VERIFICATION OF ALL DATA IS REQUIRED FOR SITE-SPECIFIC PROJECTS.
THIS INFORMATION IS DEEMED RELIABLE, BUT NOT GUARANTEED.

Surveyed Endangered Species

- WILLOWY MONARDELLA
- DEL MAR MANZANITA
- 2013 CA GNATCATCHER SIGHTINGS
- HISTORICAL CA GNATCATCHER SIGHTINGS (2004, 2007, 2009)
- LEAST BELL'S VIREO TERRITORIES (2011)
- 2013 CA GNATCATCHER USE AREAS
- HISTORICAL CA GNATCATCHER USE AREAS (2004, 2007, 2009)

Areas Surveyed for
Vernal Pool Resources

- VERNAL POOLS /PONDED SITES WITH ENDANGERED SPECIES
- OTHER PONDED SITES SURVEYED (NO ENDANGERED SPECIES)
- VP SURVEY WATERSHEDS

Sensitive Vegetation Types (2000)

- NATIVE GRASSLANDS
- POSSIBLE DIEGAN COASTAL SAGE SCRUB (Including burned and disturbed) 2000

Other Sensitive Areas

- ADDITIONAL SENSITIVE RESOURCES
- POSSIBLE WATERS OF THE U.S.

MCAS MIRAMAR SPILL RESPONSE NOTIFICATION FORM

| Initial Reporter's Information (To Be Completed by Spill Discoverer) | | |
|--|--|------------|
| Activity: | Bldg No: | Hangar No: |
| Activity Contact: | Phone Number (day/evening): | |
| Reporter's Name and Rank/Rate: | | |
| Facility Name and Address: | Marine Corps Air Station Miramar, San Diego, California 92145-2008 | |
| Incident Description | | |
| Date of Incident: | Time of Incident: | |
| Source/Cause of Incident: | | |
| Incident Address/Location: | | |
| Container Type: | Container Storage Capacity : _____ [] Gallons [] Pounds [] Liquid [] Sludge | |
| Material Description | | |
| Chemical Name of Spilled Material: | | |
| Trade Name or Manufacturer's Name of Spilled Material: | | |
| Hazard: [] Flammable [] Combustible [] Oxidizer [] Acid [] Base [] Poison Other: | | |
| Total Amount Spilled: _____ [] Gallons [] Pounds [] Liquid [] Sludge | Amount of Spill entered Water: _____ [] Gallons [] Pounds [] Liquid [] Sludge | |
| Description of Site Contamination: [] Inside [] Outside [] Storm Drain [] Sewer [] Soil [] Gravel [] Asphalt [] Concrete [] Other: | | |
| Initial Spill Response | | |
| Did you contact MCAS Miramar Fire Department? [] YES [] NO | | |
| Did you contact MCAS Miramar Aircraft Rescue and Fire Fighting (ARFF)? [] YES [] NO | | |
| Initial Actions by Spill Discoverer to Stop, Contain, and Isolate the Spill: | | |

Standard Operating Procedure (SOP)
For
Dead or Severely Injured Large Wildlife
(September 2014)

This SOP is for large wildlife (deer, coyotes, mountain lions, bobcats, and foxes) that are injured or have died on or near road surfaces of MCAS Miramar. Animals that move away from the scene on their own should not be pursued.

1. Contacts

- The following units should be contacted to determine the appropriate course of action if the animal is alive.
- EMD Staff
 - Hours of Operation: Monday -Friday [07:00 - 16:30]
 - Contact Numbers:
 - ◆ Wildlife Biologist, (858) 577-6498
 - ◆ Nat. Res. Div. Director, (858) 577-1125
 - ◆ General Office (858) 577-1108

1b. During Non-Working Hours:

- ◆ Wildlife Biologist, cell: (619) 944-1964
- ◆ Nat. Res. Div. Director cell: (858) 997-8364
- Evaluate the situation
 - If the animal is only slightly injured, it will likely escape the scene on its own.
 - If the animal is sufficiently injured to the point where it could not transport itself a reasonable distance from road surfaces, it will need to be euthanized.
 - This needs to be done as quickly as possible, so suffering is minimized.

2. Euthanization:

- Euthanization by the Base Veterinarian is not appropriate due to residual effects of drugs currently being used, and they cannot properly dispose of large animals.
- A single round placed in the chest cavity, targeting the heart, or one in the head should dispatch the animal.
- If utilizing ammunition is not practical for the location or authorization by the command, cutting the jugular vein located in the neck is the next best option.
 - Personnel performing this task need to understand that even if these actions are performed correctly the animal may continue to demonstrate motor skills for up to 5 minutes. This occurs because nerves in the animal continue to react to stimulus after the animal has deceased.

3. Disposal

3a: Mountain Lions:

- All Mountain Lion incidences where the animal remains on the scene needs to be reported to the California Department of Fish and Wildlife (CDFW). The reporting person will need to make arrangements to turn the animal over to the proper CDFW personnel.
 - During working hours call:
 - California Fish and Wildlife Biologist [0730-1700]
Telephone (760) 751-4023, if no answer call the
 - South Coast Regional Office at telephone (858) 467-4201
 - After working hours call California Fish and Wildlife Dispatch [All hours]
Telephone (951) 443-2944

3b. Deer:

➤ Use of Meat/Carcass

- Deer killed on station cannot be donated for human consumption unless inspected by a certified meat inspector. Therefore donation of the meat to a wildlife rehabilitation center is a good course of action.
- Contact Julian Wolf Center to let them know that a deer carcass is available for pick-up.
 - Normal business hours [0800-1600]
 - (619) 234-9653
 - After hours
 - (760) 765-0300

If the Julian Wolf Center is unable to pick up the carcass, dispose of it in remote areas of East Miramar away from any facilities (such as remote ends of roads R-03, R-04, R-19, R-22, NS-02, EW-02, or EW-06 - shown on Sensitive Resources Map) so that circling vultures will not present a BASH hazard to approaching aircraft.

3c. Coyotes, Bobcats, and Foxes:

- Carcasses of these animals need to be relocated to remote areas of East Miramar (east of Aqueduct Road (NS4)). Do not dispose of carcasses near housing or military facilities.

4. Notification:

- Environmental Management Department needs an after action report for all instances when this SOP is used. This information is needed for MCAS Miramar's internal records, and so the proper agencies can be notified. Required information at a minimum, should include:
 - Species of animal
 - Location of accident/incident
 - Cause of death/injury
 - Time of death/injury
 - Sex of the animal
 - Any associated circumstances
 - Disposal action taken, including disposal location