



UNITED STATES MARINE CORPS
MARINE CORPS AIR GROUND TASK FORCE TRAINING COMMAND
MARINE CORPS AIR GROUND COMBAT CENTER
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From: Deputy Assistant Chief of Staff, Installation Support Directorate
To: Military Personnel, Civilian Employees, and Contractors

Subj: ENVIRONMENTAL PROTECTION INSTRUCTION MANUAL

Ref: (a) DoD Instruction 4715.03
(b) MCO 5090.2

Encl: (1) Environmental Protection Instruction Manual (EP INSTR MANUAL)

1. The enclosure directs the Combat Center in applying sound environmental management practices to our command's resources and continually improving these procedures to strengthen our training mission.
2. Per references (a) and (b), all Department of Defense (DoD) natural resources conservation program activities shall work to guarantee the DoD continued access to its land, air, and water resources for realistic military training and testing and to sustain the long-term ecological integrity of the resource base and the ecosystem services they provide.
3. All Commanding Officers, Assistant Chiefs of Staff, Special Staff Officers, Officers-In-Charge, all Marines, Sailors, and contractors training and operating aboard the Combat Center shall comply with the references and enclosure provided.
4. The Environmental Protection Instruction Manual will be reviewed annually to ensure compliance with the references and is available for activities to access at <https://www.29palms.marines.mil/Staff-Offices/Adjutant-Office/Orders/>.



M. A. MYRUM

LOCATOR SHEET

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Chapter 1

Introduction

1. Scope. This instruction manual is developed to establish guidelines and assign responsibilities for the management and protection of the Combat Center's environment, including its natural and cultural resources. This instruction manual does not contain all of the Combat Center's environmental policy requirements. Appendix A contains a listing of the Combat Center directives and policies that will be referenced throughout this manual and should be used to supplement policy and procedures contained herein.

2. General

a. All military personnel, civilian employees, and contractors (incorporated by reference into contract performance requirements) operating and or training aboard the Combat Center shall comply with applicable federal, state, and local environmental laws. This obligation, in accordance with the references, includes compliance with the Sikes Act Improvement Act, Endangered Species Act, Migratory Bird Treaty Act, the National Historic Preservation Act, the Archeological Resources Protection Act, the Resource Conservation and Recovery Act, the Comprehensive Environmental Response Compensation and Liability Act, the Toxic Substance Control Act, the Clean Air Act, the Clean Water Act, the Safe Drinking Water Act, executive orders, and laws.

b. Individuals who violate, aid, abet, counsel, command, induce, procure, or willfully cause violations of any provisions of these laws may be held personally liable for civil and criminal penalties and fines.

c. Appendix B is the Commanding General's Environmental Policy Letter. The Environmental Policy Letter is a declaration of Marine Air Ground Task Force Training Command (MAGTFTC), Marine Corps Air Ground Combat Center's (MCAGCC) fundamental goals and its commitment to complying with all applicable environmental legal requirements. The Policy Letter commits the Combat Center in using:

(1) Reference (f) and (g) to comply with laws and regulations dedicated to conservation and environmental stewardship.

(2) Reference (f) as its formal, comprehensive Environmental Management System (EMS) to maintain our freedom of action and control risks to operational readiness posed by the environmental impacts of our actions.

(a) Reference (f) that integrates environmental stewardship into the Combat Center's daily decision-making and long term planning processes across all missions, activities, and functions.

(b) Reference (f) establishes:

1. Environmental management procedures for EMS operations and maintenance.

2. Environmental Standard Operating Procedures (ESOP) to effectively manage practices with potential environmental and land use impacts. The following MCAGCC web page link contains a listing of Combat Center's ESOP's, <https://www.29palms.marines.mil/Staff-Offices/Environmental-Affairs/Environmental-SOP/>.

3. Responsibilities

a. Commanding Officers (CO), Assistant Chief of Staffs (AC/S), Directors, and Officers In Charge (OIC) shall:

(1) Ensure that all military personnel, civilian employees, and contractors (incorporated by reference into contract performance requirements) operating and or training aboard the Combat Center adhere to all environmental management conditions as set forth in the references and this instruction manual.

(2) Ensure that a copy of Appendix B is posted on the Combat Center's bulletin boards.

(3) Ensure that personnel within their chain of command are aware of the Commanding General's Environmental Policy Letter, particularly as it pertains to their job.

(4) Report individuals who violate, aid, abet, counsel, command, induce, procure, or willfully cause violations of any provisions of this manual to Environmental Affairs (EA).

(5) Ensure that the requirements of the National Environmental Policy Act (NEPA), as identified in reference (c), are completed on actions requiring environmental documentation.

b. AC/S MAGTF Training Directorate (MTD), shall:

(1) Ensure that all units training aboard the Combat Center receive a brief of this instruction manual and are familiar with its contents prior to utilizing Training Areas (TA) and ranges.

(2) Ensure adherence to all environmental management conditions as set forth in the references and this instruction manual.

(3) Coordinate with AC/S Installation Support Directorate (ISD), Public Works Division (PWD) to ensure that training area maintenance projects, target placements, range modifications, the establishment of new ranges, and any significant change in the training tempo or new weaponry are coordinated with EA.

(4) Ensure that range inspectors are vigilant for environmental violations.

(5) Create and maintain records of the Combat Center's annual training area usage in a manner that will provide documented comparative usage data by training area. This record will include, at a minimum:

(a) Training area used, days used, number of personnel, number and type of vehicles, and weapons used.

(b) Types and amounts of ordnance used.

(c) Known and suspect areas that positively identify contamination by nomenclature, hazard, quantity, exact locations, and dud rates.

c. AC/S ISD, shall ensure that this instruction manual is available for units to utilize and is posted at <https://www.29palms.marines.mil/Staff-offices/Environmental-Affairs/>.

d. AC/S ISD, EA shall:

(1) Ensure that this instruction manual is reviewed annually and complies with higher level directives and all environmental laws.

(2) Ensure that all permits for facilities and operations are obtained, remain current, and that a consolidated database is established for reference.

(3) Ensure that appropriate funding is programmed and available for permits, fees, facilities, and operational environmental deficiencies.

(4) Coordinate training access through the Bureau of Land Management (BLM) administered lands.

(5) Provide in-house and contracted support for biological and cultural surveys, environmental documentation, operational and facility studies, and corrective actions for environmental deficiencies.

(6) Act as the point of contact for all matters regarding the Military Munitions Rule on MAGTFTC, MCAGCC's TA and Off-Range Areas.

(7) Act as MAGTFTC, MCAGCC liaison for regulatory correspondence.

Chapter 2

Waste Management1. General

a. COs and OICs of Marine Corps commands/units and tenant commands shall:

(1) Designate in writing hazardous waste (HW) management personnel for each HW generation, accumulation (Satellite Accumulation Area), and storage site under the cognizance of the Marine Corps commands/units and tenants.

(2) Forward a copy of HW management personnel appointment letters to EA.

(3) Ensure that all personnel involved with HW management receive the appropriate environmental training.

(4) Identify, document and train Marines to Military Occupation Specialty 8056 (Hazardous Material (HM)/HW Handler) standard in the event the commands/units deploy. Reference (b) applies.

b. The following ESOPs contains environmental guidelines for the proper procedures of handling and storage of HM and HW and are available at <https://www.29palms.marines.mil/Staff-Offices/Environmental-Affairs/Environmental-SOP/>.

(1) Hazardous Material Storage (HMS-ESOP)

(2) Hazardous Waste Satellite Accumulation Area (SAA-ESOP)

2. Use of HM

a. The Marine Corps policy is to reduce the quantity of HW disposed of by using the environmental management hierarchy of source reduction, recycling, treatment, and disposal.

b. Activities that operate aboard the Combat Center shall ensure the use of HM and the generation of HW shall be accomplished in a way that minimizes wasteful use and promotes recycling.

c. All applicable activities operating and or training aboard the Combat Center for 30 days or more must have an approved authorized use list (AUL). Activities that purchase HM not listed within their current and approved AUL will complete an AUL Adjustment Form (Appendix J). The requestor will route the AUL Adjustment Form, along with purchase justification, Safety Data Sheets (SDS), and department head endorsement to the Hazardous Material Management System (HMMS) Program Manager for approval.

d. All contractors operating aboard the Combat Center for 30 days or more will submit all SDSs and AULs to the HMMS Program Manager prior to commencement of work.

e. Reference (d) provides proper procedures and outlines the responsibilities for the management, use, storage, and handling of HM.

3. Treatment of HM

a. Treatment is defined as any method, technique or process, including neutralization, designed to change the physical, chemical, or biological character or composition of any hazardous waste so as to neutralize it, or render it non-hazardous or less hazardous, or to recover it, make it safer to transport, store or dispose of, or amenable for recovery, storage, or volume reduction.

b. Activities aboard the Combat Center are strictly prohibited in the treatment of HM, HW, or hazardous substances, to include emptying containers to minimize volume or toxicity, or to change or remove a physical or chemical characteristic.

4. Spill Abatement

a. The Combat Center responds to spills and incidents involving Petroleum, Oil, Lubricants, and Solvents (POL), HM and HW that take place at Mainside, Camp Wilson and Range TAs, and Expeditionary Air Field. Activities shall ensure that all spills are reported immediately and are cleaned up in a timely manner. The following procedures apply for each of the specified locations:

(1) Mainside/Camp Wilson

(a) Large Spills-55 gallons or more

1. Notify the Combat Center Fire Department (Base phone 911; Cell (760) 830-3333) immediately.

2. Refer to the Abatement ESOP (ABA-ESOP) for further instructions.

(b) Small Spills-Less than 55 gallons

1. Notify the EA Abatement Chief at (760) 830-9841.

2. Notify the units or division Environmental Compliance Coordinator.

3. Refer to the ABA-ESOP for further instructions.

(c) Vehicle Maintenance

1. Camp Wilson

a. Contact EA Abatement Chief at (760) 401-9841 to receive a brief before any maintenance/pulling of packs occurs.

b. Ensure that adequate containments, absorbent pads, fluid containers and all other items required to conduct the maintenance in accordance with MCAGCC ESOP's.

c. All maintenance areas will be inspected by EA prior to the departure if the unit.

2. Housing

a. No vehicle maintenance is allowed in housing areas in regards to fluids changing or parts replacement involving fluids.

b. Changing of batteries is authorized (old batteries must be returned to store where new battery was purchased).

c. Changing of tires is authorized (old tires must be turned in to a tire recycler).

d. All other maintenance must be conducted at the Marine Corps Community Services (MCCS) Auto Skills Center (Auto Hobby Shop) or off the installation.

3. Bachelor Enlisted Quarters

a. No vehicle maintenance is allowed in the Bachelor Enlisted Quarters parking lots or parking structures.

b. All maintenance must be conducted at the MCCS Auto Skills Center (Auto Skills Center) or off the installation.

(2) Range Training Area

(a) Immediately notify BEARMAT on radio frequency 46.80/44.35 or telephone number (760) 830-6535.

(b) Refer to the ABA-ESOP for further instructions.

b. No spill shall be left unattended regardless of the size of spill.

c. The EA Abatement Chief will supervise cleanup activities or give clear direction on what must be accomplished and how it is to be completed.

d. The EA Abatement Chief will conduct follow-up visits to verify completion.

e. The spill site shall not be secured until the EA Abatement Chief gives the final clearance.

(3) Leaking Vehicles

(a) Any vehicles discovered to be leaking Petroleum, Oil, and Lubricants (POLs) are subject to be towed at the owners' expense.

5. Recycling Solid Waste and Range Residue

a. All personnel operating and residing aboard the Combat Center shall minimize, reuse, and recycle solid waste materials to the maximum extent possible. The practice of recycling and diverting waste from our landfills supports Executive Orders and the installation's mission to sustain and conserve natural resources and prevent pollution.

b. To ensure compliance with Executive Orders and the Combat Center solid waste diversion goals, all facilities, units and activities shall ensure that alternative food waste disposal methods, i.e., Organic Waste System/Food Digester, Organic Refuse Conversion Alternative, and or Dehydration Unit are utilized and maintained in accordance with the manufacture requirements. Improper management and disposal of food waste creates potential impacts to the desert tortoise and the environment.

c. In support of the installation's solid waste diversion goals, recyclable materials shall not be disposed of in the Combat Center landfill. All munitions/ordnance related materials such as; range residue will be turned in to the Range Sustainment Branch (RSB) Building (Bldg.) 2096 Rifle Range Road. All hazardous non-recyclable material will be turned in to the Hazardous Waste Management Branch (HWMB) Bldg. 2095 Rifle Range Road. All non-hazardous recyclable items will be turned in to Industrial Recycling Operations Section (IROS) or Residential Commercial and Recycling Section (RCRS) located at Bldg. 2085 Rifle Range Road.

d. The RCRS provides pickup service and turn-ins of all residential and commercial trash and recyclables.

(1) RCRS hours of operation are from (0600-1400) Monday-Friday.

(2) Residential trash and recycling containers can be requested by calling the Lincoln Military Housing Office at (760) 368-4500. (Ref: Containers Do's and Don'ts, Appendix C).

(3) Housing residents, must place their containers or bulk items on the curbside no later than 0600 on morning of the day collection day, for removal.

(4) Dumpsters and Roll off containers can be requested by calling RCRS at (760) 830-5666. (Ref: Containers Do's and Don'ts, Appendix C).

(5) Preparation Procedures (Ref: Do's and Don'ts, Appendix C).

(a) Cans. Aluminum and steel cans will be rinsed and free of food contaminants and placed (commingled) in the appropriate container for pick-up.

(b) Glass. All glass containers shall have the lids removed, rinsed and free of food contaminants and placed in the appropriate container for pick-up.

(c) Plastic. All number one and number two plastic containers shall be rinsed and the caps removed prior to placing in the appropriate container for pick-up (NOTE - the number is stamped on the bottom of the container).

(d) Paper. White ledger paper, construction paper, newspapers, and magazines will be separated and placed in the appropriate container and or in a plastic bag for pick-up.

(e) Cardboard. Ensure cardboard is free of packing materials and or trash and broken down/flattened and placed curbside (residential) and or in a designated cardboard dumpster (commercial).

e. The IROS receives, sorts, categorizes, inventories, recycles, reutilizes and sells all scrap items received from military units, donations and civilian and or private contractors.

(1) IROS hours of operation are from (0600-1400) Monday-Friday.

(2) The installation Disposal Service Representative deems all green/tactical gear as scrap and or reusable.

(3) Preparation Procedures:

(a) Wood. All waste wood materials will be segregated by size and type prior to inspection by IROS personnel.

1. Waste wood marked with the letter "P" have been treated with Pentachlorophenol and is considered HW and must be turned in to the HWMB for proper disposal. Additionally, all other treated wood waste; telephone poles, treated dimensional lumber will be turned into the HWMB for proper disposal.

2. Unserviceable wooden ammunition boxes unmarked or marked with "PA," "PB," or "PC" must be inspected by IROS or HWMB to determine proper disposal.

3. All pallets shall be returned through proper channels to activities in need of them.

4. All unwanted pallets will be delivered to IROS, Bldg. 2085.

(b) Embark Boxes. Deliver embark boxes to IROS for inspection and possible redistribution. Embark boxes in good condition must be delivered intact and damaged boxes must be broken down prior to or upon delivery.

(c) Waste Tires. The Combat Center has two authorized tire collection points (1) Auto Skills Center, Bldg. 1083 and (2) RCRS/IROS, Bldg. 2085.

1. Units and or facilities aboard the Combat Center that are not an authorized tire collection point shall not exceed 20 waste tires at any given time.

2. All tactical tires must be removed from the rim prior to turning in to RCRS/IROS Bldg. 2085 T1.

3. Commercial Privately Owned Vehicles and government commercial tires will be turned in to the Auto Skills Center Bldg. 1083.

f. The RSB only accepts munitions waste and materials from units training aboard the Combat Center.

(1) RSB hours of operation are from (0600-1400) Monday-Friday. Special arrangements for turn-ins outside of normal operating hours must be coordinated at least one week in advance by contacting the RSB at (760) 830-0302.

(2) Preparation Procedures (Ref: Turn-in Procedures for Range Residue, Appendix C):

(a) All materials MUST be segregated by type to ensure safe loads are entering the RSB for turn-in.

(b) An AMMO TECH, Staff Non-commissioned Officer, or Officer is required at the time of turn-in to sign for and remove any unfired ammo from the discovered during the turn-in process.

6. Reutilization. Combat Center units shall actively pursue redistribution of reusable items to other Combat Center units as the first source of "disposal" for unwanted items. Conversely, units shall take full advantage of excess serviceable material available at the IROS for government reutilization. Units may also draw used lumber items for government use only, at no charge from IROS.

7. TAs. All Activities operating or training aboard the Combat Center shall ensure that no HM, HW, suspected hazardous item or solid waste (garbage, litter, to include communication wire) are disposed of, left, buried, or abandoned in the TAs. All waste items need to be collected, segregated, and loaded into trucks before leaving the TAs.

8. Trash Dumpsters. All Activities operating or training aboard the Combat Center shall ensure that raven proof covers and doors on trash dumpsters are closed when dumpsters are not being actively filled or emptied.

9. Donation. The practice of donating unwanted materials is another mechanism for reuse of materials that still have a level of utility. Due to the transient nature of Combat Center personnel, the installation conducts a donation program through the Armed Services, Young Men's Christian Association via the Base Thrift Store. The primary objective of the donation program is to help military personnel and their families by providing reasonably priced donated items for purchase and to divert materials from our landfills.

10. Scavenging Prohibited. All items placed on curbside and or in dumpsters, trash cans, recycling bins, bags used for disposal pick-up, or other trash disposition containers (to include California Redemption Value items) are considered "government property." The removal of items for personal use or for removal from the Combat Center to include scavenging and dumpster diving is strictly prohibited.

11. Construction and Demolition Projects. To ensure compliance with Executive Order mandates, all construction and or demolition debris generated from a construction and or demolition activity shall be properly segregated to be recycled or beneficially reused on-site to the maximum extent possible.

12. Construction and Demolition Plan. Action sponsors and or Facilities Engineering Acquisition Division (FEAD) shall submit a Construction and Demolition Plan (CDP) to the Solid Waste Manager, EA prior to start of construction and or demolition activities.

The CDP must be completed to capture the estimated tonnage of potential construction and or demolition debris that could potentially be generated. (Ref: CDP Template, Appendix D)

13. Construction and Demolition Report. Action sponsors and or FEAD shall submit a Construction and Demolition Report (CDR) on the 15th of each quarter (January, April, July, October) to the Solid Waste Manager, EA. The CDR must be completed to capture the projects actual tonnage, cost and revenue of construction, and or demolition debris that were recycled and or disposed. (Ref: CDR Template, Appendix D)

Contact information:

| Total Waste Management Program | Phone Number |
|--------------------------------|----------------|
| RCRS, Bldg. 2085 | (760) 830-5666 |
| IROS, Bldg. 2085 | (760) 830-5666 |
| RSB, Bldg. 2096 | (760) 830-0302 |
| HWMB, Bldg. 2095 | (760) 830-7244 |

Chapter 3

Air Quality

1. Internal Combustion Engines. The Combat Center designates Internal Combustion Engines (ICE) used aboard the installation into two categories - Tactical Support Equipment (TSE) and Non-TSE.

a. TSE. TSE is defined as portable green equipment used in support of military tactical operations with ICE, such as generators, fuel pumps, welders, lights, and other equipment, with a manufacturers maximum continuous rating of fifty brake horsepower (bhp) or greater.

(1) All Activities aboard the Combat Center must annually register TSE inventory with fifty bhp or larger with the EA Air Resources Manager. Activities shall submit their TSE Inventory report to the EA Air Resources Manager annually.

(2) EA will provide a copy of the Combat Center's TSE registration to all Activities once all submissions are received and compiled. Activities shall ensure a copy of this report is maintained and is available for environmental compliance audits.

b. Non-TSE. Non-TSE ICEs with a manufacturer's maximum continuous rating of fifty bhp or greater are required to be permitted by the Mojave Desert Air Quality Management District (MDAQMD). All MDAQMD permit applications shall be processed through the EA Air Resources Manager. No equipment shall be placed into operation until required permits are obtained from the MDAQMD.

c. Contractor Equipment. Contractor ICE equipment operating aboard the Combat Center with a manufacturers maximum continuous rating of fifty bhp or greater must be permitted by the MDAQMD or the California Air Resources Board. All Activities sponsoring contractor support shall ensure that this requirement is fulfilled.

2. Combustion Equipment (other than Internal Combustion). Combustion equipment, such as a boiler, that has a maximum heat input rate of two million british thermal units per hour or greater must be permitted by the MDAQMD. All MDAQMD permit applications shall be processed through the EA Air Resources Manager. No equipment shall be placed into operation until required permits are obtained.

3. Vehicles

a. In-use Off-Road Diesel-Fueled Fleets. Vehicles with a diesel-fueled or alternative diesel fueled off-road compression-ignition engine with maximum power of 25 horsepower or greater.

(1) Fleet owner has 30 days from the date of purchase or the date the vehicle enters California to apply to Air Resources Board (ARB) for equipment identification number (EIN).

(2) Within 30 days of receipt of the ARB-issued EIN, fleet owners must affix or paint the EIN(s) on both sides of the vehicle. Specification of EIN is as follows:

(a) The EIN shall be white on a red background.

(b) The EIN shall be located in clear view on both sides of the outside of the vehicle approximately five feet above the ground, or, if the vehicle is not five feet tall, lower on the vehicle.

(c) Each character shall be at least 3 inches in height and 1.5 inches in width.

(3) Any person selling a vehicle with an engine subject to this regulation in California must notify ARB within 30 days from the date the vehicle was sold. Additionally, must also provide the following disclosure in writing to the buyer on the bill of sale:

"When operated in California, any off-road diesel vehicle may be subject to the California Air Resources Board In-Use Off-road Diesel Vehicle Regulation. It therefore could be subject to retrofit or accelerated turnover requirements to reduce emissions of air pollutants. For more information, please visit the California Air Resources Board website at <http://www.arb.ca.gov/msprog/ordiesel/ordiesel.htm>."

(4) Banned from adding vehicles to your fleet with Tier 0, Tier 1 and Tier 2 engines.

(5) No vehicle or engines may idle for more than 5 consecutive minutes and fleets must also have a written idling policy that is made available to operators of the vehicles and informs them that idling is limited to 5 consecutive minutes or less.

(6) Must meet the fleet average requirements before January 1 of each year or demonstrate that it met the Best Available Control Technology requirements.

(7) Must review and update the fleet information annually and submit the Responsible Official Affirmation of Reporting information by March 1 of each subsequent reporting year.

b. Large Spark-Ignition Engine Fleets. Operators of off-road large spark-ignition engine forklifts, sweeper/scrubbers, industrial tow tractors, or airport ground support equipment with 25 horsepower or more and greater than 1.0 liter displacement.

(1) Fleet must comply with the fleet average emission level standard as follows:

(a) Forklift Fleet = 1.1 grams per brake-horsepower-hour of hydrocarbons plus oxides of nitrogen.

(b) Non-forklift Fleet = 2.5 grams per brake-horsepower-hour of hydrocarbons plus oxides of nitrogen.

(2) Within 30 days of receipt of the ARB-issued EIN, fleet owners must affix or paint the EIN(s) on one side of the vehicle. Must meet the following specification:

(a) The EIN shall be white on a red background.

(b) The EIN shall be located in clear view on both sides of the outside of the vehicle approximately five feet above the ground, or, if the vehicle is not five feet tall, lower on the vehicle.

(c) Each character shall be at least three inches in height and 1.5 inches in width.

(d) Each character of the EIN must remain legible for the entire life of the equipment.

(3) Submit annual attestation by June 30 of each year that all reported information is true, accurate and complete. If not changes to the fleet have occurred in the past 12-months, must confirm that there was no changes since the previous reporting year.

(4) Fleet owner has 30 days from the date of purchase or the date the vehicle enters California to apply to ARB for EIN.

(5) Within 30 calendar days of any changes to the fleet such as equipment removals or additions, repowers, retrofit installs and change in exemption status must notify ARB.

(6) When transfer or sale of equipment must notify ARB, submit the date of transfer and final hour meter reading and must also convey to the transferee upon transfer, equipment records.

c. Idling

(1) Diesel powered vehicles and off-road equipment have an idling limit of five consecutive minutes.

(2) The idling policy does not apply to tactical vehicles or support equipment, emergency vehicles, buses, vehicles stopped in traffic, idling during testing or repair, idling necessary to ensure vehicles are in safe operating condition, and idling to ensure the safety of the operator.

(3) Buses are allowed to idle ten minutes prior to boarding and while passengers are onboard.

4. Petroleum, Oil, Lubricants, and Solvents

a. Equipment used for storage or dispensing of JP5, JP8 or diesel with a capacity of 20,000 gallons or larger are required to be permitted by the MDAQMD. All MDAQMD permits are processed through the EA Air Resources Manager. No equipment shall be placed into operation until required permits are obtained from the MDAQMD.

b. Equipment used for storage of oil designated for disposal or recycling with a capacity of 793 gallons or larger are required to be permitted by the MDAQMD. All MDAQMD permits are processed through the EA Air Resources Manager. No equipment shall be placed into operation until required permits are obtained from the MDAQMD.

c. Equipment used exclusively for the storage or transfer of gasoline with a capacity of 250 gallons or larger must be permitted by the MDAQMD. All MDAQMD permit applications shall be processed through the EA Air Resources Manager. No equipment shall be placed into operation until required permits are obtained from the MDAQMD.

d. Solvent Tanks, Parts Washers, and Solvent Dispensing Containers

(1) Equipment with a capacity 250 gallons or greater, an open surface area of 10.8 square feet or larger; or an internal volume of 92.5 gallons; larger is required to be permitted by the MDAQMD.

(2) All MDAQMD permits are processed through the EA Air Resources Manager. No equipment shall be placed into operation until appropriate permits are obtained from the MDAQMD.

(3) Aerosol Solvents can only be used when objects cannot be moved or will not fit into a stationary parts washer. The ESOP Degreasing Aerosols (DGR-ESOP) contains detailed environmental requirements for aerosol containers used to dispense degreasing material aboard the Combat Center and is available at <https://www.29palms.marines.mil/Staff-Offices/Environmental-Affairs/Environmental-SOP/>.

5. Painting, Coating, and Paint Removal

a. Spray and Surface Coating Equipment

(1) Equipment and painting operations using a combined total of one gallon or more per day of paint and solvent are required to be permitted by the MDAQMD.

(2) All MDAQMD Permits are processed through the EA Air Resources Manager. Equipment and or painting operations shall not commence until required permits are obtained from the MDAQMD.

b. Vehicle Painting

(1) High-volume low pressure spray guns in an open area using one gallon or more per day (paint and solvent combined) are required to be permitted by the MDAQMD.

(2) All MDAQMD permits are processed through the EA Air Resources Manager. Equipment and or painting operations shall not commence until required permits are obtained from the MDAQMD.

(3) Activities shall comply with MDAQMD Rule 1116 which contains Volatile Organic Compound limits for Automotive Coating.

c. Aerosol Painting. Aerosol painting is allowed for touch-up purposes only. Touch-up painting is defined as painting an area less than two square feet.

d. Paint Removal Abrasive Blasting

(1) All abrasive blasting is required to be permitted by the MDAQMD.

(2) All MDAQMD permits are processed through the EA Air Resources Manager and the operation shall not begin until required permits are obtained from the MDAQMD.

6. Fires and Open Burns

a. Open fires and burns of any kind are strictly prohibited, except for training Fire Department personnel.

b. The Fire Department shall request a Mojave Desert Air Quality Management District Burn Notification from the EA Air Resources Manager at least 48 hours in advance of scheduled Fire Department personnel training. Appendix E is the Combat Center's Burn Notification.

7. Fugitive Dust

a. All activities operating aboard the Combat Center shall not cause or allow the emissions of fugitive dust from any transport, handling, construction, or storage activity so that the presence of such dust remains visible in the atmosphere beyond the property line of the emission source. This requirement is not applicable to emissions emanating from unpaved roadways open to public travel.

b. All activities operating aboard the Combat Center shall take every reasonable precaution to minimize fugitive dust emissions from wrecking, excavation, grading, clearing of land, and solid waste disposal operations.

c. All activities operating aboard the Combat Center shall take every reasonable precaution to prevent visible particulate matter from being deposited upon public roadways as a direct result of their operations. Reasonable precautions shall include, but are not limited to, the removal of particulate matter from equipment prior to movement on paved streets or the prompt removal of any material from paved streets onto which such material has been deposited.

8. Asbestos

a. Regulated Asbestos Containing Material (ACM) is subject to federal requirements, recordkeeping, and oversight.

b. Removal of ACM aboard the Combat Center is only authorized by trained and certified personnel.

c. The ESOP Asbestos (ASB-ESOP) contains detailed environmental requirements for asbestos containing materials aboard the Combat Center and is available at <https://www.29palms.marines.mil/Staff-Offices/Environmental-Affairs/Environmental-SOP/>.

9. Ozone Depleting Substances

a. Ozone Depleting Substances are HM that may pose serious danger to human health and the environment if not handled and stored properly.

b. The ESOP Refrigerant and Halon Operations and Management (REF-ESOP) contains detailed environmental requirements for Freon and halon systems. The REF-ESOP contains detailed environmental requirements for refrigerant recovery, replacement, use, and operation aboard the Combat Center. ESOPs are available at <https://www.29palms.marines.mil/Staff-Offices/Environmental-Affairs/Environmental-SOP/>.

Chapter 4

Water Quality1. Potable Water

a. The use of potable (drinking) water for non-drinking uses (i.e. landscaping) shall be limited to the maximum extent possible in accordance with all water conservation directives, CG Water Conservation Policy, and applicable laws/regulations.

b. Potable water use shall be in accordance with all water conservation directives, Commanding General (CG) Water Conservation Policy, and applicable laws/regulations. CCBul 5090 and Appendix B pertains.

c. Access to or use of any Water Sampling Stations is prohibited unless first cleared in writing with the EA Water Resources Manager.

d. Any potable wells placed/installed aboard the Combat Center must be permitted. Permits will be obtained and cleared through the EA Water Resources Manager prior to construction or development to ensure compliance with the permitting process.

e. Groundwater wells and water pipelines located aboard the Combat Center (TAs, Mainside, and Expeditionary Air Field/Camp Wilson) will be avoided at all times.

f. In accordance with California Code of Regulations, Title 22, Article 5, Section 64583, any new or repaired well, or a well that has been out of service for more than three months, must be sampled for bacteriological quality prior to being placed into service. A copy of the sample results must be provided to the EA Water Resources Manager for review and approval prior to the well being placed into service.

g. Any use of Combat Center water supply must be protected with a properly certified backflow preventer (double check or reduced pressure). The Combat Center no longer approves the use of vehicle air gap(s). California Code of Regulations Title 17, Chapter 5, Article 2 Section 7605 outlines backflow testing and usage requirements. Testing results must be reported to the EA Resources Manager and Combat Center Cross Connection Control Manager prior to being placed into service.

h. Any backflow devices installed or removed must be reported to the PWD Cross Connection Control Manager for addition and/or updated to the Combat Center's inventory. No backflow device will be removed without first receiving written approval from the PWD Cross Connection Control Manager. Information reported must include: location, make, model number, size, and serial number. All backflow installations must comply with California Code of Regulations Title 17, Chapter 5 and Combat Center Cross Connection Control Plan.

i. Installation of new water mains requires complete disinfection and bacteriological sampling to be conducted. California Code of Regulation Title 22, Chapter 15, Article 3, Section 64421(b) and California Code of Regulations Title 22, Chapter 15, Article 5, Section 64580 applies.

A copy of the bacteriological sampling results shall be submitted to the EA Water Resources Manager for review and approval prior to the water line being placed into service.

j. In accordance with California Code of Regulations Title 22, Chapter 13, Article 2, Section 63770(b), a certified distribution operator must be present during the entire water line disinfection process. The complete disinfection process must be in full compliance with California Code of Regulation Title 22, Chapter 15, Article 3, Section 64421(b) and California Code of Regulations Title 22, Chapter 15, Article 5, Section 64580.

k. Any newly-installed distribution reservoir or distribution reservoir that has been taken out of service for repair or inspection must be disinfected and sampled for bacteriological quality in accordance with California Code of Regulation Title 22, Chapter 15, Article 5, Section 64582. A copy of all bacteriological sampling results must be submitted to the EA Water Resources Manager for review and approval prior to the reservoir being placed into service.

l. All new construction, major renovation, repair, and alterations of buildings 5,000 sq/ft or grater must include the installation of new water saving fixtures (faucets, urinals, toilets, and showers). Executive Order 13693 and Combat Center Bulletin 5090 (Drought Response Bulletin) apply. The fixtures installed must meet the following gallons per minute and gallons per flush standards:

(1) Bathroom faucets must not exceed a flowrate of 1.0 gallons per minute.

(2) Kitchen faucets must not exceed a flowrate of 1.5 gallons per minute.

(3) Urinals must not utilize more than .5 gallons per flush.

(4) Toilets must not utilize more than 1.28 gallon per flush.

(5) Shower heads must not exceed a flowrate of 2.0 gallons per minute.

m. All water mains must be constructed in accordance with the California Code of Regulations Title 22, Chapter 16, Article 4, Section 64572. Specifically, maintaining a 10 foot horizontal separation from sewage lines.

n. In accordance with American Water Works Association and other requirements as applicable, a valve exercise and replacement program must be accomplished. A monthly status report of valve exercise program, number of valves exercised, number repairs, number damaged, and non-operable must be provided to the EA Water Resources Manager.

o. Any flowing or flushing of fire hydrants must be performed with the use of a diffuser to reduce erosion of surrounding soils. All flushing must be conducted with water conservation in mind.

2. Non-Potable Water

a. Non-potable water shall be used for activities such as vehicle/equipment washing, construction activities, dust suppression, and industrial applications. If non-potable water is not available, potable water use will be authorized by the EA Water Resources Manager.

b. Any additional non-potable wells placed aboard the Combat Center shall be permitted as required. Permits will be obtained and cleared through the EA Water Resources Manager prior to construction or development to ensure compliance with the permitting process.

c. Request must be submitted to EA Water Resources Manager prior to the development/installation of any non-potable water wells. EA is responsible for obtaining state approval once request is submitted.

3. Landscaping

a. Xeriscape and desert landscaping must be utilized to the maximum extent practical for all landscaping. Native and drought tolerant plants must be used.

b. Recycled water must be utilized to the maximum extent practical in accordance with all water conservation directives, CG Water Conservation Policy, CCBul 5090, and applicable laws/regulations.

c. All activities shall ensure irrigation practices are in compliance with all water conservation directives, CG Water Conservation Policy, CCBul 5090, and applicable laws/regulations.

d. All actions must be in accordance with the Combat Center Installation Sustainability Action Plan, federal and state Executive Orders for water conservation.

4. Wastewater

a. Wastewater from field laundry, Expeditionary Field Kitchen, and showers (Gray Water) may be discharged to a seepage pit. This seepage pit/impoundment will be constructed with sand bags or a berm in accordance with CCO 5090.1G.

(1) Appendix F contains the Combat Center's field wastewater guidelines.

(2) Appendix G is the Combat Center Gray Water Discharge Request. Units/Organizations wishing to utilize field shower, laundry, or mess equipment shall submit a Combat Center Gray Water Discharge Request electronically to EA Water Resources Manager for approval prior to their training event. If Gray/Black Water is collected via a pumping contract the base sanitary sewer is authorized for disposal and a Gray Water Discharge Request is not required.

b. Liquid messing wastewater (Black Water) will not be disposed of to surface waters or to the ground. Units/Organizations must adhere to the Combat Center's Black Water guidelines that address the requirements for capturing and disposing of Black Water through approved collection and removal processes. Appendix F pertains.

- c. All messing spoils shall be disposed of as wet garbage at appropriate disposal sites. Appendix F pertains.
- d. The discharge of any hazardous waste or hazardous material to floor drains or storm channel is strictly prohibited.
- e. Water and wastewater storage tanks associated with shower/laundry trailers will be clearly labeled to prevent cross contamination.
- f. The location (Universal Transverse Mercator coordinate system and building number), size, depth and other pertinent information related to the installation of any septic tank must be provided to EA Water Resources Manager. Underground Injection Control Program, California Code of Regulations Chapter 40 Part 144-148 applies.
- g. All galley/kitchen sinks and floor drains must be connected to an exterior, in ground grease interceptor. The grease interceptor will then connect to the Sanitary Sewer System. All grease interceptors must be pumped and maintained to prevent pass through of grease and oils. All grease interceptors will be pumped when the grease interceptor Fat, Oil, Grease (FOG) layer and food solids layer is greater than 25% of the total tank capacity. When the FOG layer is greater than four inches the interceptor must be pumped of complete contents. Emphasis needs to be placed on ensuring the interceptor is on a regular complete pump schedule.

5. Car Wash

- a. CCBul 5090 contains the Combat Center's policy for fund raising car washes. Activities requesting a fund raising car wash must adhere to the requirements as established in CCBul 5090. Fundraising carwashes will only take place at the MCCS carwash (Bldg. 1075).
- b. Washing of vehicles in the training areas or parking lots is prohibited. Only the use of designated vehicle wash areas are authorized.
- c. The washing of privately owned vehicles in housing is permitted. Washing of engines or degreasing operations are strictly prohibited.
- d. Portable car washing services shall provide SDSs prior to the commencement of work and will comply with all Combat Center requirements.
- e. The washing of privately owned vehicles is prohibited at military wash racks.

6. Portable Toilets

- a. Portable toilet waste generated aboard the Combat Center shall be dumped at the Dump Station, located at lift Station #6 in Camp Wilson. Access to the dump station shall be obtained through the PWD Facility Management Branch.
- b. No alternate dump site will be used without PWD and EA written approval prior to use.
- c. Dumping of off installation generated portable toilet or septic tank waste aboard the Combat Center is strictly prohibited.
- d. All portable toilets used aboard the Combat Center must be tied or staked down to prevent tipping/spillage. Portable toilets will not be placed within 20 feet of any storm channel or natural wash.

7. Sanitary Sewer Overflow. All Sanitary Sewer Overflows aboard the Combat Center must be reported to the EA Water Resources Manager in accordance with the installation Sanitary Sewer Management Plan.

8. Storm Water

a. The discharge of any non-storm water or waste to storm drains, ditches, or storm channels is strictly prohibited.

b. Responsible activities will ensure that storm channels are kept free of debris.

c. All paints, solvents, and equipment used in painting must be handled/discharged properly and will not be washed out on the ground.

d. Cleaning and mop water will not be disposed of on the ground. Disposal will be via mop/deep sinks or restroom floor drains.

e. Concrete washout containment will be in place and used. Concrete washout containment must not leak. All dried concrete washout material will be disposed of properly. Concrete washouts will not be dug into the ground; washouts will be at/above grade.

f. The application of polymers for dust suppression must be approved by the EA Water Resources Manager prior to application.

g. All stormwater and non-stormwater runoff from construction site(s) will be clear of any contaminants and controlled/released to proper storm water channels. Combat Center Stormwater Management Plan Best Management Practices will be followed.

h. Any project disturbing one or more acres of soil must submit a Stormwater Pollution Prevention Plan in accordance with the Combat Center Stormwater Management Plan. For projects disturbing less than one acre of soil, an Erosion Control Plan must be submitted in accordance with the Combat Center Stormwater Management Plan. Stormwater Management Plans and Erosion Control Plans must be submitted to the EA Water Resources Manager for review 21 days prior to the commencement of work. EA is solely responsible for review, providing comments, and approval of Stormwater Pollution Prevention Plans and Erosion Control Plans. Work will not commence until the Stormwater Pollution Prevention Plan or Erosion Control Plan has been approved by EA.

i. No water, waste stream, or other materials will be discharged into storm channels without written pre-approval from the EA Water Resources Manager.

j. Facility Engineering and Acquisition Division must not close any projects that have stormwater requirements or permits without written consent from EA Water Resources Manager.

9. Recycled Water

a. All pipes installed above or below the ground, on and after June 1, 1993, that are designed to carry recycled water, must be colored purple or distinctively wrapped with purple tape. This requirement includes all irrigation lines, sprinkler heads, valve boxes, caps/covers, hoses, and quick connections. Compliance with Title 17 California Code of Regulations §116815 (a) applies.

b. Proper signage must be placed indicating the use of recycled water. The sign will be in conformance with Title 22 California Code of Regulations Article 4 §60310 (g) which requires the following: all areas where recycled water is used that are accessible to the public must be posted with signs that are visible to the public, in a size no less than 4 inches high by 8 inches wide, that include the following wording: "RECYCLED WATER - DO NOT DRINK." Each sign must display an international symbol similar to that shown in Title 22 California Code of Regulations Article 4 figure 60310-A.

c. Any portions of the recycled water piping system that are in areas subject to access by the general public must not include any hose bibs. Only quick couplers that differ from those used on the potable water system will be used on the portions of the recycled water piping system in areas subject to public access. Compliance with Title 22 California Code of Regulations Article 4 §60310 (i) applies.

Chapter 5

Natural Resources1. General Requirements

a. Points of Contact. Contact the Conservation Branch Head (760) 830-5200, Natural Resources Specialist (760) 830-5719, or Ecologist (760) 830-5720 regarding any natural resource issues.

b. Pets

(1) Only animals described in CCO 11101.12N may be kept as pets in base housing. Horses may be kept at the stables, in accordance with the relevant order. No other animal may be kept aboard the Combat Center without specific authorization from EA.

(2) Possession of captive desert tortoises, or any other tortoise species, is prohibited aboard the Combat Center. Under no circumstances shall a tortoise of any species be released aboard the Combat Center. Call EA to turn in unauthorized tortoises of any species.

(3) No pets are allowed in the TAs (excluding Mainside). Military working dogs under the control of their handlers are exempt from this prohibition.

(4) Deceased animals (maximum 50 lbs.) may be disposed of at the Combat Center landfill. Animals shall be double-bagged, and landfill operations staff must be informed prior to disposal.

c. Introducing Plants and Animals

(1) Only plants found on the approved plant list at Appendix H may be used for landscaping. Common houseplants may be kept indoors. No other plants may be introduced or released to the Combat Center without specific authorization from EA. Contact EA for requested changes to the approved plant list.

(2) No animal except for approved pets and horses may be brought aboard the Combat Center without specific authorization from EA. No animal, including pets, may be released aboard the installation without specific authorization from EA.

d. Handling Wildlife

(1) Wildlife pose a safety hazard for personnel aboard the Combat Center and are often protected by State or Federal laws and regulations.

(2) Touching, handling, or capture of any wildlife without specific authorization from EA is prohibited.

(3) Providing food, water, or shelter for wildlife without specific authorization from EA is prohibited.

(4) Hazing, harassing, harming, or killing any wildlife without specific authorization from EA is prohibited. Paragraph 3.c., below, provides authorization to harass birds in certain circumstances.

(5) Personnel bitten by any animal shall seek immediate medical attention.

(6) Appendix I contains a response matrix indicating responsibility and appropriate contact information for personnel authorized to deal with living or dead wildlife. A copy of this matrix should be posted or maintained in the Officer of the Day turnover folder.

e. Cutting Vegetation

(1) Trimming trees and shrubs in Mainside from 1 February through 30 September requires a nest check by authorized personnel. Contact EA at least two business days prior to trimming activity to arrange for this check. Trimming must occur within two weeks of EA completing the nest check.

(2) Trimming trees and shrubs in Mainside from 1 October through 31 January, or grasses at any time, does not require a nest check.

(3) Harvesting or cutting any vegetation in the TA at any time is prohibited without specific authorization from EA.

f. Open Fires. Open fires are prohibited aboard the Combat Center without specific authorization from EA. Backyard fires in base housing are subject to CCO 11101.12N.

2. Desert Tortoise

a. The desert tortoise is listed as a threatened species by the U.S. Fish and Wildlife Service and the State of California. Implementing the requirements identified in this order is necessary to ensure continued training operations aboard the Combat Center.

b. It is illegal to possess, harass, injure, or kill a desert tortoise. Accidental injury or death of a desert tortoise is not subject to prosecution or penalty if reported promptly to EA and (when in the training area) to BEARMAT.

c. Picking up or moving a desert tortoise is authorized only when necessary to protect the tortoise from immediate threat. Place the tortoise in a nearby shaded area (normally under plant cover) and immediately report location to EA and, in the training area, to BEARMAT.

d. Personnel shall check underneath prior to moving vehicles that have been stationary in the field, as tortoises may seek shade under vehicles.

e. Federal actions undertaken aboard the Combat Center may affect the desert tortoise, and require environmental review by EA and sometimes external regulators. See Chapter 8 of this order for environmental review procedures.

3. Birds

a. Most bird species are protected by federal law. These protections extend to adults, juveniles, and eggs.

b. Bird nests may not be moved, damaged, or destroyed without specific authorization from EA.

c. Personnel are encouraged to harass birds to prevent them from building nests in areas that may hinder operations. Light, noise, and other harassment methods that do not directly harm the bird may be used. Authorized personnel may move a partially-constructed nest; contact EA for authorization. Harassment must cease once eggs are laid in the nest.

4. Outdoor Recreation

- a. The Combat Center's Integrated Natural Resources Management Plan identifies designated outdoor recreation sites.
- b. All outdoor recreation in the TA outside designated sites requires specific authorization from EA and, if in the training areas, BEARMAT.
- c. Off-Highway Vehicle (OHV) use outside designated OHV sites is not authorized aboard the Combat Center except in the execution of official duties, or with specific authorization from EA and BEARMAT.
- d. Hunting is not generally available aboard the Combat Center and requires specific authorization from EA and BEARMAT.

Chapter 6

Cultural Resources1. General Requirements

a. Points of Contact. Contact the Conservation Branch Head (760) 830-5200, Cultural Resources Specialist (760) 830-7641, or Archaeologist (760) 830-5369 regarding any cultural resource issues.

b. Cultural resources include:

(1) All remnants of prehistoric Native American activity, such as arrowheads, fire pits, and rock art;

(2) All remnants of historic activity from later periods (generally 50 years or older), such as mines and mining debris, homesteading material, trash dumps, and older military materials; and

(3) All paleontological materials such as fossil plants or animals.

c. Cultural resources are protected by federal and state laws and regulations. Implementing the requirements identified in this order is necessary to ensure continued training operations aboard the Combat Center.

d. Federal actions undertaken aboard the Combat Center may affect cultural resources, and require environmental review by EA and sometimes external regulators and Native American tribes. See Chapter 8 of this order for environmental review procedures.

2. Damage, Theft, or Removal of Cultural Resources

a. It is illegal to take, excavate, injure, damage, vandalize, move, or remove any cultural resources aboard the Combat Center. Accidental damage to a cultural resource is not subject to prosecution or penalty if reported promptly to EA and (when in the training area) to BEARMAT.

b. Do not collect, pick up, move, remove, excavate, or otherwise damage any artifacts without specific authorization from EA.

c. Do not damage or deface any boulder, rock formation, rock face, or cliff, whether or not rock art is visible, without specific authorization from EA.

d. The removal of rocks from the field for landscaping or signage is prohibited. Rocks may be arranged in the field in patterns for operational needs as long as the area is returned to its natural condition immediately upon concluding operations.

e. Do not enter any cave, mine shaft, or excavation without specific authorization from EA.

3. Inadvertent Discovery. In the event of unexpected or accidental finding of cultural resources, such as while engaging in ground-disturbing activities:

a. Halt all activity within 30 meters of the find; and

b. Immediately report the discovery to EA and, if in the training area, to BEARMAT.

Chapter 7

Training Area Land Use1. General Requirements

a. All personnel entering the training areas shall receive an environmental compliance briefing that specifically includes discussion of desert tortoise conservation.

b. Prior to operating on land outside the Combat Center's boundaries, or within the Shared Use Area while it is managed by the Bureau of Land Management, the requesting unit shall coordinate the proposed action through the AC/S MTD. The AC/S MTD shall coordinate required environmental actions with EA.

c. Incidents involving trespass, or the dropping, firing, or detonating of weapons or ordnance within, off-base areas shall be immediately reported by all parties to the AC/S MTD, the Director of EA, and the Staff Judge Advocate.

d. CCO 3500.4K contains additional environmental requirements for use of training areas.

2. Vehicle Operations

a. All operators shall comply with posted or otherwise established speed limits in the TAs. Excessive speed contributes to environmental damage aboard the Combat Center.

b. All units shall limit off-road vehicle maneuver to that required to execute the mission.

c. "Neutral steer" turns of tracked vehicles shall be limited to emergency situations only, without specific authorization from EA.

3. Ground-Disturbing Activities

a. Pre-Designated Range Training Support Sites (PRTSS) have been designated within several TAs. CCO 3500.4K identifies and describes the location of PRTSS. Use of these sites greatly reduces required environmental coordination when developing training scenarios.

b. Clearing land (grading or grubbing) or other vegetation material is prohibited outside PRTSS without specific authorization from EA.

c. Units shall fill trenches, defilade, tank traps, and fighting positions, and level excess material, after each use.

4. Restricted Areas. Restricted Areas are off-limits to all off-road vehicle maneuver, bivouac, digging, or other ground-disturbing activities. CCO 3500.4K identifies and describes the location of Restricted Areas.

5. Other Sensitive Areas. Improper use of these areas may result in current or future operational constraints.

a. Wood Canyon: This is a vegetated, desert wash located in Quackenbush TA east of CP 6 and west of Range Road. This area supports desert willow "cover" that is both rare and highly desirable for training purposes.

Transit traffic has damaged this vegetation, limiting its future training use. Units should use other routes to transit this area, such as Main Supply Route Louisiana northeast of Wood Canyon.

b. Dry Lakebeds: All dry lakebeds should be avoided when wet. Vehicles can easily become stranded in the mud, and the ruts created by travel during wet conditions may make the lakebed impassable during dry conditions. In addition, these lakebeds were focal points of historic and prehistoric land use, and heavy use may result in inadvertent discovery of cultural resources.

Chapter 8

National Environmental Policy Act

1. General. NEPA is a basic national charter for minimizing federal government impacts on the environment. NEPA establishes a process, set goals, and provides a means for carrying out environmental protection.

2. Application. NEPA documentation is required for both new and continuing activities and for activities such as trenching, digging, road widening, earth movement and most construction activities; significant changes in ongoing process (e.g. significant change in size, number or scope of ongoing training exercises; and deployment of new equipment aboard the Combat Center). This list is not intended to be all-inclusive.

3. Responsibilities. NEPA requires federal agencies to consider the environmental impacts of Proposed Actions which may have the potential to impact the environment. The action sponsor shall document any action meeting the NEPA threshold.

a. COs, AC/Ss, Directors, OICs and or Action Sponsors shall:

(1) Ensure that consideration and documentation are accomplished and completed early in the planning process before a decision is made to take an action.

(2) Ensure that requirements of the NEPA, as identified in reference (d) are completed on actions requiring environmental documentation prior to the physical initiation of the action.

(3) Ensure complete the NEPA process documentation precedes contract award and is within the contract file.

b. AC/S ISD, EA shall:

(1) Manage the Combat Center's NEPA program and ensure Proposed Actions on the Combat Center comply with the references and this instruction manual.

(2) Assist Action Sponsors in reviewing Proposed Actions and give them comments and recommendations regarding natural and cultural resources and environmental impacts.

4. ESOP. In addition to reference (d), the ESOP NEPA (NEP-ESOP) contains environmental guidelines for the submission and processing of the NEPA documentation and is available at <https://www.29palms.marines.mil/Staff-Offices/Environmental-Affairs/Environmental-SOP/>.

Environmental References

- a. CCO 5090.1G is the MAGTFTC, MCAGCC's Environmental Protection, establishing environmental policies and procedures that ensures the preservation of the Combat Center's training opportunities. <https://www.29palms.marines.mil/Staff-Offices/Adjutant-Office/Orders/>.
- b. CCO 5090.2C is the MAGTFTC, MCAGCC's Comprehensive Environmental Training and Education Program (CETEP) Plan that prescribes the regulations and training requirements as it pertains to the performance of duties in the environmental field aboard the Combat Center. <https://www.29palms.marines.mil/Staff-Offices/Adjutant-Office/Orders/>.
- c. CCO 5090.4F is the MAGTFTC, MCAGCC's Order regarding National Environmental Policy Act compliance, it details specific information regarding the environmental review and approval process prior to performing or taking an action that may affect the environment. <https://www.29palms.marines.mil/Staff-Offices/Adjutant-Office/Orders/>.
- d. CCO 5090.5D is the MAGTFTC, MCAGCC's Integrated Contingency and Operations Plan that establishes policies and procedures to manage hazardous, unregulated solid, recyclable, universal, and biological waste and material. It establishes policies and procedures in the areas of emergency preparedness, response, and storage tank management aboard the Combat Center. <https://www.29palms.marines.mil/Staff-Offices/Adjutant-Office/Orders/>.
- e. CCO 5090.8B, is the MAGTFTC, MCAGCC's Environmental Management System (EMS) Manual that establishes EMS policy and procedures to sustain environmental compliance, reduce pollution, and reduce environmental and mission risk. <https://www.29palms.marines.mil/Staff-Offices/Adjutant-Office/Orders/>.
- f. MAGTFTC, MCAGCC's Integrated Natural Resources Management Plan is MAGTFTC, MCAGCC's five year plan for management and improvement of land usage. It represents a cooperative agreement between MCAGCC, the United States Fish & Wildlife Service and the California Department of Fish & Game. This plan includes a preliminary Wildfire Management Plan and information detailing MCAGCC's compliance with Executive Orders and regulations regarding Invasive Species.
- g. MAGTFTC, MCAGCC's Integrated Cultural Resource Management Plan is MAGTFTC, MCAGCC's five year plan that integrates the full spectrum of legal mandates, mission related actions, cultural resources types, and other planning considerations into a single cultural resource management plan.
- h. The Desert Tortoise Management Plan is a MAGTFTC sponsored plan (Kiva 2003), consistent with the Basewide Biological Opinion (USFWS 1-8-99-F-41, 7 Mar 02), describing measures to conserve MCAGCC's desert tortoises, *Gopherus agassizii*, and their habitat, while minimizing impacts to the MAGTFTC's military training mission. The plan identifies high and medium density tortoise areas and measures contributing to the conservation and research of the species at MCAGCC and throughout the species' range.

- i. The specific management and legal requirements of the desert tortoise, *Gopherus agassizii*, a threatened species protected by federal and state law, are described in several documents including the Biological Opinion for Base-Wide Training Operations and the Routine Maintenance Program, 1-8-99-F-41 of 7 Mar 02, the Biological Opinion for Land Acquisition and Airspace Establishment to Support Large-scale Marine Air Ground Task Force Live-fire and Maneuver Training, Twentynine Palms, California (8-8-11- F-65), 17 July 2012, the Desert Tortoise Management Plan and Endangered Species Act of 1973.
- j. The Endangered Species Act of 1973, as amended (ESA) is a Congressional mandate that identifies the need to protect the fish, wildlife and plants valuable to the United States, provides a means to conserve United States fish, wildlife and plant species endangered or threatened with extinction, and declares "... that all Federal departments and agencies shall seek to conserve endangered species and threatened species...". The ESA applies to the threatened desert tortoise, *Gopherus agassizii*, MCAGCC's only resident threatened species.
- k. MCO 5090.2 is the Marine Corps' Environmental Compliance and Protection Manual. It provides Marine Corps policy, identifies statutory and regulatory requirements, and assigns responsibilities for the management of the Marine Corps Environmental Program.
<http://www.marines.mil/News/Publications/ELECTRONICLIBRARY/ElectronicLibraryDisplay/tabid/13082/Article/140403/mco-p50902a-wch-1-3.aspx>.
- l. DODI 4715.03 is the Department of Defense Instruction for the "Environmental Conservation Program," which provides specific guidance for the integrated management of natural and cultural resources on property under DoD control. https://search.usa.gov/search?affiliate=dod_esd&query=4715.03.
- m. MDAQMD Rule 1116 is the Automotive Refinishing Operations guidelines regarding Volatile Organic Compound Regulatory limits.
- n. CCO 1740.5C Provides rules and regulations for raising funds for non-federal entities. <https://www.29palms.marines.mil/Staff-Offices/Adjutant-Office/Orders/>.
- o. MAGTFTC, MCAGCC's Sanitary Sewer Management Plan describes the programs and processes used to manage a wastewater collection system effectively and in accordance with the State Water Discharge Order NO. 2006-0003.
- p. CCO 3500.4K is MAGTFTC, MCAGCC's Standard Operating Procedures for Range/TAs and Airspace. <https://www.29palms.marines.mil/Staff-Offices/Adjutant-Office/Orders/>.
- q. The Emergency Planning and Community Right-to-Know Act (EPCRA) requires reports to be submitted each year on the amounts of chemicals the facility released into the environment or otherwise managed as waste. Section 313 requires facilities to report for each listed chemical the amount released to air, water, land, underground injection and transferred off-site to disposal.
- r. CCO 5040.5R is MAGTFTC, MCAGCC's Commanding General's Inspection Program Order that promulgates policy and procedures concerning the Commanding General's Inspection Program.

s. CCBul 5090 is MAGTFTC, MCAGCC's Commanding General's Drought Response Policy which provided policy and guidance regarding water conservation requirements.



UNITED STATES MARINE CORPS
 MARINE AIR GROUND TASK FORCE TRAINING COMMAND
 MARINE CORPS AIR GROUND COMBAT CENTER
 BOX 788100
 TWENTYNINE PALMS, CALIFORNIA 92278-8100

5090
 ISD 12D

JUL 18 2018

POLICY LETTER 9-18

From: Commanding General
 To: All Hands

Subj: ENVIRONMENTAL COMPLIANCE AND PROTECTION POLICY

As a Service Level Training Installation, the Marine Corps Air Ground Combat Center provides premier training opportunities. To ensure we maintain this capability for future generations of Marines, we are responsible for dedicated management of the environmental resources on our installation.

I am firmly committed to sustaining and enhancing our mission readiness through an effective and efficient environmental policy. Marine Corps Air Ground Combat Center will continually improve its environmental performance through the systematic Environmental Management System. Accordingly, environmental considerations shall be an integral part of our day-to-day decision making and long-term planning processes. We cannot fail in areas of environmental compliance.

All tenant commands, departments, contractors, and dependents shall comply with Marine Corps environmental policies and Combat Center Orders to ensure that we meet our responsibility of good stewardship of the environment. To accomplish this, we will rely on strict adherence to orders and regulations through leadership and training.

We will integrate pollution prevention through source reduction, resource recovery, and recycling. Marine Corps Air Ground Combat Center will conserve natural resources and preserve cultural resources with dedicated focus to protect these resources entrusted to our care.

We will implement sustainability initiatives to mitigate environmental impacts of our mission practices and reduce operating costs. By being vigilant we will improve our good relationship with our local neighbors and build public trust which will positively affect our future sustainability.

We will actively seek opportunities for continual improvement of our environmental performance by establishing goals and measuring our progress toward meeting those goals. If we are to achieve this, our service members, civilian employees, and families must be able to recognize the environmental impacts of their actions. Environmental protection is a mindset and way of life. This is an all hands endeavor.


 R. B. TURNER, JR.

DISTRIBUTION: A

RANGE RESIDUE & SOLID WASTE TURN-IN PROCEDURES

All units conducting live fire training aboard the Combat Center are required to turn in brass, ammunition residue, packing material, and boxes to the Range Sustainment Branch (RSB).

The RSB Processing Center located in the gated area adjacent to Bldg. 2096 on Rifle Range Road and is operational between the hours of 0600 – 1400, Monday through Friday.

Special accommodations can be made with prior notification, at least one week in advance, from units with special needs that are outside the established hours of operation.

Contact RSB at 830-0302 or 830-7244 (answering machine, leave your name, unit, phone number, and a brief message) and RSB personnel will confirm details to finalize coordination.

ALL turn-ins will be conducted by no less than two representatives from the command, an Ammunition Technician, an Aviation Ordnance Technician or a Staff NCO MUST BE PRESENT. This will allow the RSB personnel to return any unfired items to a trained or responsible individual who can safely return the unfired ammunition to the Center Magazine Area or Field Ammunition Supply Point.

A CERTIFICATION OF MATERIAL MUST BE COMPLETED BY AUTHORIZED PERSONNEL ENSURING MATERIAL HAS BEEN 100% VISUALLY INSPECTED AND CONTAINS NO EXPLOSIVE HAZARDS PRIOR TO ENTRY OF THE FACILITY. CONTACT RSB TO REQUEST A CERTIFICATION OF MATERIAL.

ALL MATERIAL MUST BE SEPARATED, SEGREGATED, AND ORGANIZED!

1. **Hazardous Waste:** All hazardous waste to include Treated Wood Waste (TWW), "P" treated wood, MRE heaters and batteries will be taken to the Hazardous Waste Management Branch (Bldg. 2095 Rifle Range Road) prior to arriving at the RSB.
2. **Range Trash:** Range trash must be bagged, segregated and visually inspected prior to disposal; MRE/food waste WILL NOT BE ACCEPTED and should be disposed of at the Camp Wilson Trash Collection Area (Bldg. 5408), which is adjacent to the Camp Wilson Mess Hall.
3. **Staging at RSB:** Upon arrival at Bldg. 2096, stage all vehicles across the road. Unit representatives can then enter the RSB and inform personnel that you have range residue for turn-in, you will be advised how to proceed with the turn-in.

Special Requirements:

- **Expended Brass Cartridges:** Clear of all debris, clips removed, and sorted by caliber (20mm, .50 caliber or 7.62/5.56/9mm)
- **Links:** Clear of all debris, including brass, not necessary to sort by caliber or size
- **Cartridge Actuated Devices (CADS):** Sorted by metal type (aluminum or steel)
- **Artillery containers (Propellant Charge Cans):** Must have lids removed, lifting plugs separated from other materials, and plastic rotating protector bands must have metal clips removed

- **40mm Cartridge Cases:** Expended steel, aluminum, and plastic will be separated by type
 - **Shotgun Shells:** Separated by material type
 - **Ammunition Cans:** Lids removed and all plastic inserts removed and separated
 - **Flash Tubes:** Must be removed from 120mm Tank bases
 - **Mortar Fuze Safety Pins:** Separated and consolidated into an ammunition can
 - **Plastic Mortar Containers:** Straps cut off, (explosive) stickers and rubber gaskets (bare plastic), wire attached to lid removed
 - **Cardboard Mortar Containers:** Lids removed and separated
 - **Expended Smoke Grenades:** Fuze removed, spoons and safety pins placed in ammunition can
 - **Cardboard Grenade Containers:** Must be separated into two halves
 - **Expended Missile Launch Tubes:** Must be inspected by RSB personnel and cleared for disposal
 - **Wood (non TWW):** Once all material has been inspected, all wood (non TWW) will be placed into roll-on roll-off container for landfill disposal or processing
4. **Ammunition Cans:** Available at the RSB for issue to training commands
- a. 5.56mm (Green)
 - b. 7.62mm (Green)
 - c. .50 Cal. (Green)
 - d. 81mm mortar cans (Green)
5. **Reutilized Ammunition Cans for ammunition turn-in at the CMA** shall be conducted in the following manner:
- a. Ammunition cans will only be reutilized if proper demilitarization and procedures are completed by the unit, as required:
 - i. Ammunition cans spray painted to remove all markings, i.e. DODIC, munitions type and explosive labels
 - ii. Units shall provide spray paint
 - iii. Units shall sign for receipt of ammunition cans

INCORRECT



CORRECT



COMBAT CENTER RECYCLING PROGRAM INFORMATION

1. Recycling Program. The following is a list of items that may be processed for recycling. Due to the time consuming and labor intensive effort required in separation and processing of raw materials, it is imperative that residents streamline this effort. The intent of the Recycling Program is to educate and eliminate the recovery of unnecessary trash. The following list of "Do's and Don'ts" will hopefully answer your questions and resolve many of the problems with contamination.

2. Recycling Do's:
 - a. Corrugated Cardboard, un-waxed (empty and flatten), Plastic (rinse, caps must be removed) -- See bottom of the container for the type number.
 - (1) #1 – Color and clear only (container must have a screw neck, no cups, trays, deli dishes, laundry scoops, or other non-screen top containers.)
 - (2) #2 – Milk jugs, water jugs, juice bottles, un-marked plastics- children's toys, canteens, etc.
 - b. Cans – California Redemption Value
 - c. Steel cans – rinse, must be free of food and beverage residue.
 - d. Tin – food cans, etc.
 - e. Paper (carbon must be removed).
 - f. Computer paper.
 - g. White ledger paper.
 - h. Shredded paper (carbon must be removed before shredding).
 - i. Newspapers, magazines, and telephone books.
 - j. Clear/brown/green glass (rinse, must be free of food and beverage).

3. Recycling Don'ts
 - a. Cardboard or paper products coated with wax – milk boxes, frozen food cartons.
 - b. Notepads, self-stick – yellow/colored post its.
 - c. Fluorescent colored paper.
 - d. Plastic #3 and above (see bottom of container for number).
 - e. Plate glass, windshields, ceramic glass.
 - f. Light bulbs, fluorescent light bulbs.
 - g. Styrofoam and rubber products.
 - h. Hazardous, biological, animal or medical waste. (NO diapers)
 - i. Scrap – Aluminum foil, pie tins, food trays, etc.

**Bulk Items will be picked up on your respective trash day. (Furniture, mattresses, TV's, washers/dryers, etc.) Please place item on the curb next to your trash and recycle containers. Ensure items are not touching any privately owned vehicles..

**INSTRUCTIONS FOR PROPER USE OF 40 FOOT ROLL ON/OFF CONTAINERS / 8 CUBE
SOLID WASTE CONTAINERS / 8 CUBE RECYCLEABLES CONTAINERS.**

COMBAT CENTER SOLID WASTE & RECYCLING PROGRAM

INFORMATION

I. **Solid Waste Program:** The following is a list of items that may be placed in an 8 cube solid waste container aboard the installation. The intent is to divert and reduce recyclable material being taken to the land fill. The following list will hopefully answer your questions and resolve many of the concerns with questionable items.

1. **Solid Waste Do's:**

a. Non – Hazardous Solid Waste.

2. **Solid Waste Don'ts:**

- a. No Wood of any kind.
- b. No Hazardous Waste / Materials – (oils, chemicals, POL's, ink cartridges etc.)
- c. No Recyclable Material - (cardboard, paper, plastic bottles, aluminum cans, etc.)
- d. No Metal - (tools, bicycles, any type of car parts, gym equipment, satellite dishes etc.)
- e. No Electronic waste / Appliances - (refrigerators, microwaves, washing machines, dryers, copy machines, electronics, etc.)
- f. No Bulk Items / Furniture - (couches, tables, chairs, desks, patio furniture, etc.)
- g. No Medical / Bio – Waste
- h. Range residue / Munitions
- i. No High Liquid Content Waste (i.e., wastes containing greater than 50 percent water by weight)
- j. No Waste Tires (See CH. 2-5)

*Hazardous Waste/Material will be to be taken to the Hazardous Waste Facility @ Bldg. 2095 Rifle Range Road. Any questions or concerns about Hazardous Material please call (760) 830-7244.

**All Industrial Material, such as wood, metal, appliances, and furniture should be taken to the Industrial Recycling Operating Section (IROS) @ Bldg. 2085 off of Rifle Range Road. Any questions or concerns about Industrial Material Recycling, please call (760) 830-5666.

II. **Recycling Program**: The following is a list of items that may be processed for recycling in an 8 cube recycle container. All 8 cube recyclable containers aboard the installation are designated in a white color with a specific recyclable material label. Such as:

1. Cardboard (only)
2. Paper (only)
3. Aluminum cans & plastic bottles (only)
4. Steel cans (only)

***Any questions or concerns about recyclable materials please contact the Residential, Commercial Recycling Section (RCRS) at (760) 830-5666.

III. **40 Foot Roll On/Off Container(s)**: Are designated for specific items only. Such as but not limited to:

1. Solid waste – (**Containing NO** -MRE heaters, recyclables, hazardous waste, etc.)
2. Electronics – Only
3. Metals – Only
4. Appliances – (refrigerators, A/C units, dishwashers, washers and dryers, etc.)
5. Wood - Only
6. Office furniture

****Containers will not be serviced if materials are mixed. All items must be properly segregated.

*****If there are any questions or concerns please contact RCRS at (760) 830-5666.

| CONSTRUCTION AND DEMOLITION PLAN (CDP) | | | |
|---|--|----------------|--|
| Date | | Project Number | |
| Contract Number | | Project Title | |
| Project Location | | Phone Number | |
| Contractor Name | | | |
| <p>THE FOLLOWING ESTIMATED TONNAGE MUST BE SUBMITTED TO THE INSTALLATION'S SOLID WASTE MANAGER, NREA DIVISION PRIOR TO THE BEGINNING OF THE PROJECT. NOTE: THE CONSTRUCTION AND DEMOLITION REPORT (CDR) WILL CAPTURE THE ACTUAL TONNAGE, REVENUE, AND COST.</p> | | | |

| | TONNAGE | | |
|--|---|--|---|
| | ESTIMATED C&D TO BE RECYCLED (Tons) | ESTIMATED C&D TO BE REUSED ONSITE (Tons) | ESTIMATED C&D TO BE DISPOSED (Tons) |
| C&D DEBRIS | | | |
| AGGREGATE C&D (TOTAL) <i>To include ; concrete, asphalt etc...</i> | | | |
| WOOD C&D (TOTAL) <i>To include; used lumber, plywood etc...</i> | | | |
| METAL C&D (TOTAL) <i>To include; rebar, steel, copper etc...</i> | | | |
| OTHER C&D (TOTAL) <i>To include; mixed trash, carpet, cardboard etc...</i> | | | |
| INDIVIDUAL TOTALS | 0.00 | 0.00 | 0.00 |
| TOTAL TONS OF C&D | 0.00 | | |

IMPORTANT NOTICE

At the completion of the project ALL copies of receipts, weight tickets, or other verifying documentation for ALL materials that were recycled, reused, or disposed must be submitted via the Construction and Demolition Report (CDR)

| MONTHLY/QUARTERLY CONSTRUCTION AND DEMOLITION REPORT (CDR) | | | |
|---|--|----------------|--|
| Date | | Project Number | |
| Contract Number | | Project Title | |
| Project Location | | Phone Number | |
| Contractor Name | | | |
| TO ENSURE MCAGCC MEETS DoD WASTE REDUCTION REQUIREMENTS THE FOLLOWING MUST BE COMPLETED AND SUBMITTED TO THE INSTALLATION'S SOLID WASTE MANAGER, NREA DIVISION. | | | |

| | TONNAGE | | | COST | | |
|--|------------------------|-----------------------------|------------------------|--------------------------|-----------------------|-----------------------|
| | C&D RECYCLED (Tons) | C&D REUSED ONSITE (Tons) | C&D DISPOSED (Tons) | RECYCLED REVENUE (\$) | RECYCLED COST (\$) | DISPOSAL COST (\$) |
| C&D DEBRIS | | | | | | |
| AGGREGATE C&D (TOTAL) <i>To include ; concrete, asphalt etc...</i> | | | | | | |
| WOOD C&D (TOTAL) <i>To include; used lumber, plywood etc...</i> | | | | | | |
| METAL C&D (TOTAL) <i>To include; rebar, steel, copper etc...</i> | | | | | | |
| OTHER C&D (TOTAL) <i>To include; mixed trash, carpet, cardboard etc...</i> | | | | | | |
| INDIVIDUAL TOTALS | 0.00 | 0.00 | 0.00 | \$0.00 | \$0.00 | \$0.00 |
| TOTAL TONS OF C&D | 0.00 | | | | | |

IMPORTANT NOTICE

Enclose ALL copies of receipts, weight tickets, or other verifying documentation for ALL materials that were recycled, reused, or disposed.

MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

Phone: (760) 245-1661 Fax: (760) 245-2699 (800) 635-4617

TRAINING BURN NOTIFICATION

10 day notice and **asbestos renovation/demolition notice** is required for the following:

- A. Structural; commercial and larger than quadruplex dwelling
- B. Structural: residential and up to a quadruplex dwelling
- C. Wildland/wildfire management

24 hour notice is required for the following:

- D. Fire Department training
- E. Fire prevention and extinguisher training

| | |
|--|--------|
| Organization Conducting Training Burn | |
| Name: | |
| Address: | |
| City/Zip: | |
| Company/facility #: Building 1516 | Phone: |

| | |
|-------------------------------------|-----------|
| Specific Details | |
| Name of person making notification: | |
| Name of person conducting training: | |
| Location of Burn: | |
| Purpose of burn: | |
| Fuel: | Quantity: |
| Number of persons: | Length: |

| | | | |
|--------------------|-------|-------|-------|
| Date: | Time: | Time: | Time: |
| | | | |
| | | | |
| | | | |
| Other information: | | | |

**MARINE AIR GROUND TASK FORCE TRAINING COMMAND (MAGTFTC)
MARINE CORPS AIR GROUND COMBAT CENTER (MCAGCC)**

FIELD WASTEWATER GUIDELINES

FIELD WASTEWATER. Field Wastewater consists of contaminated water that is discharged from field shower, laundry units, and water discharged from field kitchen messing operations. Contaminated water discharged from laundry and shower units is identified as "Gray Water." Contaminated water discharged from field kitchens and mess facilities is identified as "Black Water."

GRAY WATER. Gray Water is water contaminated with biodegradable laundry detergents discharged from field laundry units and water contaminated with body hygiene soap or shampoos discharged from field laundry and personnel hygiene shower equipment. Gray Water is an authorized wastewater discharge to any area in the field that restricts the movement of the discharged Gray Water to the immediate area of the discharge by a developed ground surface impoundment or percolation pit that detains the wastewater on site for the purpose of evaporation and percolation disposal. A constructed ground surface impoundment or percolation pit is created by utilizing sandbags. If sand bags are used, they are to be emptied and removed upon cessation of operations or final movement from the operation area.

Note 1: See Appendix G pit excavation or earthen berms shall be established in accordance with all procedures/requirements and approved by the MAGTFTC, MCAGCC Environmental Affairs, Water Resources Office.

Note 2: Units/Organizations wishing to utilize field shower, laundry or mess equipment must submit the request (APPENDIX G in EA EP Instruction Manual) for approval prior to operations. The MAGTFTC, MCAGCC EA, Water Resources Office will provide the Unit/Organization with written approval prior to commencement of operations.

Note 3: At no time will individual or crew served weapons be cleaned in personnel shower/decon units that discharged to ground surface impoundments or percolation pits.

Note 4: Gray Water generated by field laundry equipment used to clean petroleum product soiled work clothing or rags soiled with petroleum products must be containerized for appropriate petroleum contaminated wastewater disposal.

BLACK WATER. Black Water is water contaminated with food particles and grease generated by food preparation and cleaning of messing operations in the field. Field messes or kitchens will collect all food wastes as well as grease-trap type grease in appropriate containers for proper disposal. All food waste shall be returned to the issue point for proper disposal. At no time will grease-trap type grease or wastewater contaminated with grease-trap type grease or food chunks be discharged to ground. Black Water is considered contaminated with food chunks if it contains particles of food greater than one-eighth inch in diameter.

VEHICLE/EQUIPMENT WASHING. Vehicle and equipment washing **IS NOT AUTHORIZED** in the field, with the exception of decontamination Nuclear, Biological, Chemical training with unit organic sanitizers. Maintenance washing will take place only at authorized facility wash areas.

INFORMATION. For questions concerning field sanitation/wastewater disposal, contact the MAGTFTC, MCAGCC EA, Water Resources Office, Building 1418, (760) 830-7883, DSN 230-7883.



UNITED STATES MARINE CORPS
 MARINE AIR GROUND TASK FORCE TRAINING COMMAND
 MARINE CORPS AIR GROUND COMBAT CENTER
 BOX 788110
 TWENTYNINE PALMS, CALIFORNIA 92278-8110

5090.4
 ORG CODE

From: [Unit/Organization]
 To: Environmental Affairs (Attn: Water Resources Manager)
 Subj: REQUEST FOR USE OF GRAY WATER DISPOSAL
 Ref: (a) CCO 5090.1G

Encl: (1) Sketch of Percolation Area in Relation to Terrain and Natural Land Features Including Location of All Shower Stalls, Change Tents and Taped Off Area
 (2) Map with the Grid Coordinates Marking the Location of the Percolation Pits with an Arrow

1. Please choose one of the following:

| | | |
|----|--|--------------------|
| 1. | | FIELD SHOWER UNIT |
| 2. | | FIELD LAUNDRY UNIT |
| 3. | | FIELD MESS REQUEST |

2. No gray water will overflow the percolation pit. Only hand soap and shampoo will be used for showering. If the shower stalls require cleaning, minimum amounts of household type cleanser will be used.

3. Construction and operation of all percolation pits will be in accordance with Appendix F; Field Wastewater Guidelines. Enclosure (1) and (2) contain detailed descriptions and locations for the proposed action. Additionally, the following information is submitted for your review and approval:

1. Unit name _____
2. Point of contact #1: _____ Phone: _____
3. Point of contact #2: _____ Phone: _____
4. Specific training area name: _____
5. Six digit grid coordinates: _____
6. Start date: _____ 7. Ending date: _____
8. Number of personnel: _____
9. Pit size: (Check one)

<50 personnel = one percolation pit - 10' W x 15' L x 3' D

50-100 personnel = one percolation pit - 15' W x 20' L x 3' D

- 101-200 personnel = two percolation pits - 15' W x 20' L x 3' D
- 201-350 personnel = two percolation pits - 15' W x 20' L x 3' D
- >351 personnel = two percolation pits - 25' W x 25' L x 3' D

- 10. YES NO We have read and will comply with the references and all environmental restrictions.
- 11. YES NO All gray water will be discharged directly into the percolation pit.
- 12. YES NO We have read and will comply with the references and environmental restrictions.
- 13. YES NO The percolation pit will be backfilled immediately upon completion of the field exercise.
- 14. YES NO All galley wastewater will be free of all food particles and grease.
- 15. YES NO All items used in food preparation and consumption will be wiped clean to remove food and grease prior washing.
- 16. YES NO Personnel showering will use approximately ten gallons per day.
- 17. If applicable: total discharge per day for showering personnel (number of personnel x 10 = estimated gallons) will be approximately _____.
- 18. If applicable: approximately _____ loads per day will be washed.
- 19. Print name/rank: _____
- 20. Signature: _____
- 21. Date (DD/MM/YYYY): _____

[SIGNATURE BLOCK]

Approved Plant ListScientific NameCommon Name

TREES

| | |
|--|-------------------------|
| <i>Acacia aneura</i> | Mulga |
| <i>Acacia rigidula</i> | Blackbrush Acacia |
| <i>Acacia schaffneri</i> | Twisted Acacia |
| <i>Acacia smalii</i> (A. <i>farnesiana</i>) | Sweet Acacia |
| <i>Celtis pallida</i> | Desert Hackberry |
| <i>Celtis reticulata</i> | Canyon Hackberry |
| <i>Cercidium floridum</i> | Blue Palo Verde |
| <i>Cercidium microphyllum</i> | Foothill Palo Verde |
| <i>Chilopsis linearis</i> | Desert Willow |
| <i>Fraxinus greggii</i> | Little Leaf Ash |
| <i>Fraxinus velutina</i> | Arizona Ash |
| <i>Leucaena retusa</i> | Golden Leadball |
| <i>Opuntia biglovii</i> | Teddybear Cactus |
| <i>Pithecellobium mexicana</i> | Mexican Ebony |
| <i>Platanus wrightii</i> | Arizona Sycamore |
| <i>Prosopis glandulosa torreyana</i> | Texas Honey Mesquite |
| <i>Prosopis juliflora</i> | Arizona Native Mesquite |
| <i>Prosopis pubescens</i> | Screwbean Mesquite |
| <i>Quercus buckleyi</i> | Texan Red Oak |
| <i>Quercus fusiformis</i> | Escarpment Live Oak |
| <i>Quercus gambelii</i> | Gambel Oak |
| <i>Quercus muhlenbergii</i> | Chinquapin Oak |
| <i>Sambucus mexicana</i> | Mexican Elderberry |
| <i>Sophora secundiflora</i> | Texas Mountain Laurel |
| <i>Vauquelinia californica</i> | Arizona Rosewood |
| <i>Vitex agnus castus</i> | Monk's Pepper Tree |
| <i>Washingtonia filifera</i> | California Fan Palm |
| <i>Washingtonia robusta</i> | Mexican Fan Palm |

SHRUBS

| | |
|--------------------------------------|----------------------|
| <i>Acacia berlandieri</i> | Guajillo |
| <i>Acacia constricta</i> | Whitethorn Acacia |
| <i>Acacia greggii</i> | Cat Claw Acacia |
| <i>Agave americana</i> | Century Plant |
| <i>Agave colorata</i> | NCN |
| <i>Agave murpheyi</i> | NCN |
| <i>Agave parryi</i> | NCN |
| <i>Agave scabra</i> | NCN |
| <i>Ambrosia deltoidea</i> | Triangleleaf Bursage |
| <i>Ambrosia dumosa</i> | White Bursage |
| <i>Amsonia palmeri</i> | NCN |
| <i>Anisacanthus quadrifidus</i> | NCN |
| <i>Artemesia ludoviciana</i> | Prarie Sagebrush |
| <i>Artemisia tridentata</i> | Big Sagebrush |
| <i>Atriplex canescens</i> | Four Wing Saltbush |
| <i>Atriplex lentiformis</i> | Quailbush |
| <i>Baccharis sarothroides</i> (male) | Desert Broom |
| <i>Baileya multiradiata</i> | Desert Marigold |
| <i>Berlandiera lyrata</i> | Chocolate Flower |
| <i>Buddleia marrubifolia</i> | Wooly Butterfly Bush |
| <i>Calliandra eriophylla</i> | Pink Fairy Duster |
| <i>Chrysactinia mexicana</i> | Damianita |
| <i>Chrysothamnus nauseosus</i> | Rabbitbrush |
| <i>Cordia parvifolia</i> | Little-leaf Cordia |

| | |
|--------------------------------|------------------------|
| <i>Cowania mexicana</i> | Cliff Rose |
| <i>Dalea spp.</i> | Indigo Bush |
| <i>Dasyilirion acrotriche</i> | Green Desert Spoon |
| <i>Dasyilirion wheeleri</i> | Desert Spoon |
| <i>Ephedra spp.</i> | Mormon Tea |
| <i>Ericameria laricifolia</i> | Turpentine Bush |
| <i>Eriogonum fasciculatum</i> | Flattop Buckwheat |
| <i>Eriogonum wrightii</i> | Wright's Buckwheat |
| <i>Euphorbia biglandulosa</i> | Gopher Plant |
| <i>Fallugia paradoxa</i> | Apache Plume |
| <i>Ferocactus wislizenii</i> | Fishhook Barrel Cactus |
| <i>Fouquieria splendens</i> | Ocotillo |
| <i>Hesperaloe spp.</i> | NCN |
| <i>Hymenoxys acaulis</i> | Angelita Daisy |
| <i>Larrea tridentata</i> | Creosote Bush |
| <i>Leucophyllum frutescens</i> | Texas Ranger |
| <i>Melampodium leucanthum</i> | Blackfoot Daisy |
| <i>Mirabilis multiflora</i> | Colorado Four O'Clock |
| <i>Muhlenbergia spp.</i> | Deer Grass |
| <i>Nolina spp.</i> | Beargrass |
| <i>Opuntia santa-rita</i> | NCN |
| <i>Penstemon spp.</i> | NCN |
| <i>Psilostrophe cooperi</i> | Paper Flower |
| <i>Psilostrophe tagentina</i> | Paper Flower |
| <i>Rhus trilobata</i> | Three-Leaf Sumac |
| <i>Salvia spp.</i> | Sage |
| <i>Simmondsia chinensis</i> | Jojoba |
| <i>Sphaeralcea ambigua</i> | Globe Mallow |
| <i>Teucrium chamaedrys</i> | Prostrate Germander |
| <i>Yucca baccata</i> | Datil Yucca |
| <i>Yucca elata</i> | Soaptree Yucca |
| <i>Yucca schidigera</i> | Mojave Yucca |
| <i>Zephyranthes spp.</i> | Rain Lily |
| <i>Zinnia acerosa</i> | Desert Zinnia |
| <i>Zinnia grandiflora</i> | Prarie Zinnia |

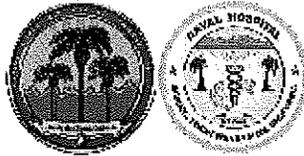
GROUND COVER

| | |
|-----------------------------|-----------------|
| <i>Dyssodia acerosa</i> | Shrubby Dogweed |
| <i>Dyssodia pentachaeta</i> | Golden Dyssodia |
| <i>Oenothera stubbii</i> | Baja Primrose |

TURF (Limited to passive or active recreation areas only)

Marathon II Fescue

Hybrid Bermuda (parks or ballfield areas only)



Integrated Animal Management Information Sheet

This document provides general guidance for control of common animals found in the Mojave Desert and it is intended to be used as a basis for animal management action

Aboard the Marine Corps Air Ground Combat Center (MCAGCC) animal management is a joint effort between the Public Works Department (PWD), Environmental Affairs (EA), Provost Marshal Office (PMO), Conservation Law Enforcement Program (CLEP) and Naval Hospital Twentynine Palms (NHTP) Preventive Medicine Department. Each entity has distinct responsibilities:

| Animal | Primary Contact | Phone 760-830- | After Hours |
|------------------------|------------------|------------------|-------------|
| Bats | EA | 5728, 5719, 5720 | EA 5200 |
| Bees | PWD Pest Control | 6271 | PWD 6271 |
| Birds ¹ | PWD Pest Control | 6650 | PWD 6271 |
| Birds ² | EA | 5728, 5719, 5720 | EA 5200 |
| Coyotes | CLEP | 3293, 3042 | PMO 6800 |
| Domestics ³ | PMO | 6800 | N/A |
| Insects/Household | PWD Pest Control | 6271 | PWD 6271 |
| Road-Kill | PMO | 6800 | N/A |
| Rodents | PWD Pest Control | 6271 | PWD 6271 |
| Snakes | EA | 5728, 5719, 5720 | EA 5200 |
| Tortoises ⁴ | EA | 5728, 5719, 5720 | EA 5200 |

¹ Pest bird species: Pigeon (Rock Dove), European Starling, English House Sparrow.

² All others include Prey & Non-Pest species: Owls, Raptors, Eagles, Ravens, Non-Pest bird species

³ Domestic animal species are commonly tamed and kept by humans as pets, food sources and work animals; they include but are not limited to species such as dogs, cats, and hamsters.

⁴ Tortoises: Mainside: Call EA, after hours call PMO. PMO will have call back numbers 24 hours, 7 Days. Training Areas: BEARMAT (Range Control)

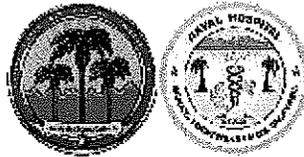
Managing Animals/Pests

Animal and/or pest control begins with good housekeeping. While maintaining your facilities operational status and cleanliness, look for signs of pest activity such as staining from urine, fecal droppings and unpleasant smells.

Pests of all types are looking for food, water and harborage. Preventing pest activity begins with securing your facility. Look for openings, holes in screens or walls, gaps on doors or other damage allowing pest access. Normal operations within a facility, such as moving equipment and personnel, are enough to deter pests from entering open doors. **NEVER** attempt to capture animals that enter your facility. These activities could result in a bite and will require medical assistance. For example, and specifically, if a bat contacts your skin you **MUST** seek medical assistance.

References

- Integrated Pest Management Program, 2017
- Environmental Protection Instruction Manual
- Centers for Disease Control and Prevention (CDC)
- The National Institute for Occupation Safety and Health (NIOSH)
 - Document updated 2/27/2018



| Rodent Control | |
|--|--|
| PURPOSE | Control rodents that may cause food contamination, disease transmission, property damage or be a nuisance. |
| RESPONSIBILITY | <p>Building Occupants: Ensure sanitation and other measures to prevent introduction and propagation of pests.</p> <p>NHTP Preventive Medicine Technicians 760-830-2005: Conduct surveys where rodents pose an adverse health or safety risk. Provide informal quality assurance for pest control. Provide pest management and disease prevention recommendations.</p> <p>PWD Pest Control 760-830-6271: Conduct integrated pest management to control infestations.</p> <p>Facilities Maintenance Provider: Perform facility repairs and improvements that exclude and minimize pest infestations as requested.</p> <p>Grounds Maintenance Provider: Perform removal of potential food sources (e.g., fruit on trees) and creation of barriers (e.g., vegetation removal) around buildings that promote rodent invasion.</p> <p>Environmental Affairs 760-830-5719: Provide guidance when rodent control operations may impact endangered or threatened species, or species of concern.</p> |
| SURVEILLANCE | |
| METHODS | <p>Visual inspections: observations of rodents or signs of rodents, such as nests, rub marks, gnawing, earth mounds, holes, etc.</p> <p>Personnel complaints: including information on when pests were observed, where, and how many.</p> <p>Use of ultraviolet inspection lights (rodent urine and hair will fluoresce under UV light).</p> |
| NON-CHEMICAL CONTROL | |
| SANITATION | Remove or prevent access to all potential food and harborage sources inside and outside of buildings. |
| ELIMINATE STANDING WATER | Fix leaking plumbing around buildings |
| PEST PROOFING | <p>Trim ornamental plants and trees to prevent harborage.</p> <p>Seal holes in exterior walls that may serve as entryways.</p> <p>Trim tree limbs so that they are at least 6 feet from the building.</p> <p>Clean up debris from inside and around buildings.</p> |
| CLEANING URINE AND DROPPINGS | |
| <p>Before starting clean-up of the space, ventilate the space by opening the doors and windows for at least 30 minutes to allow fresh air to enter the area. Use cross-ventilation and leave the area during the airing out period.</p> <p>When you begin cleaning, it is important that you do not stir up dust by sweeping or vacuuming up droppings, urine, or nesting materials.</p> <p>Wear rubber, latex, or vinyl gloves when cleaning urine and droppings. Contact Base Safety for use of approved dust mask.</p> <p>Mop floors or spray the urine and droppings with a disinfectant or a mixture of bleach and water and let soak 5 minutes. The recommended concentration of bleach solution is 1 part bleach to 10 parts water. When using a commercial disinfectant, following the manufacturer's instructions on the label for dilution and disinfection time.</p> <p>Use a paper towel to pick up the urine and droppings, and dispose of the waste in the garbage.</p> <p>After the droppings and urine have been removed, disinfect items that might have been contaminated.</p> | |

| | | | |
|---|---------------------|--|------------------------|
| Form 700 AUTHORIZED USE LIST (AUL) ADJUSTMENT NOTICE: A MODIFICATION REFERS ONLY TO A CHANGE IN THE DRAW AMOUNT, UNIT OF MEASURE, OR FREQUENCY OF USE OF A MATERIAL ALREADY APPROVED AND ON A USER'S AUL. THIS FORM MUST BE COMPLETED IN ITS ENTIRETY WITH THE MANUFACTURER'S MSDS ATTACHED. | | RC: EXEMPT NEW MATERIAL REQUEST (COMPLETE SECTIONS 1, 4, 10) MATERIAL MODIFICATION (COMPLETE ALL SECTIONS) | AUL DOC. # |
| SECTION I. REQUESTOR INFORMATION | | | |
| 1. NAME | | 2. E-MAIL | 3. PHONE |
| 4. WORK CENTER NAME | | 5. WORK CENTER ID | 6. BUILDING NUMBER |
| 7. REQUEST DATE | | 8. ENVIRONMENTAL COMPLIANCE COORDINATOR/SUPERVISOR | |
| SECTION II. REQUESTED MATERIAL INFORMATION | | | |
| 9. PRODUCT IDENTITY | | 10. MSDS PREPARED OR REVISED DATE | |
| 11. MANUFACTURER | | 12. MSN/LSN | |
| 13. UNIT OF ISSUE | 14. PRODUCT STATE | 15. FREQUENCY OF USE | 16. MAX QUANTITY LIMIT |
| SECTION III. JUSTIFICATION | | | |
| 17. WILL THIS MATERIAL REPLACE AN EXISTING ITEM ON THIS WORK CENTER'S AUL? <input type="checkbox"/> YES <input type="checkbox"/> NO | | | |
| 18. IF YES, PROVIDE NAME OF MATERIAL BEING REPLACED. | | | |
| 19. IS THIS REQUIRED FOR A NEW WORKLOAD, TECHNICAL ORDER, SPECIFICATION OR PROCESS IN THIS SHOP? <input type="checkbox"/> YES <input type="checkbox"/> NO | | | |
| 20. IF YES, PROVIDE SPECIFIC TECHNICAL ORDER OR SPECIFICATION NUMBER AND PARAGRAPHS APPLICABLE TO THE PROCESS. INCLUDE THE DATE AND REVISION NUMBER BEING CITED. IF MORE THAN ONE APPLIES, LIST ALL. | | | |
| 21. PROCESS/TASK CODE(S) (OPTIONAL) | | | |
| 22. EXPLAIN IN DETAIL THE PURPOSE OF THIS MATERIAL REQUEST OR MODIFICATION AND HOW THE MATERIAL WILL BE USED. | | | |
| 23. NUMBER OF PERSONNEL WHO WILL USE/BE EXPOSED TO THE MATERIAL? | | 24. APPLICATION METHOD (BRUSH, SPRAY, POUR, ETC.) | |
| 25. DURATION (TIME EMPLOYEES WILL BE EXPOSED TO MATERIAL DURING EACH PROCESS)? | | 26. AMOUNT OF MATERIAL USED IN A SINGLE COMPLETE PROCESS? | |
| 27. ANTICIPATED CONTROL REQUIREMENTS (RESPIRATOR, NITRILE GLOVES, ETC.) | | | |
| SECTION IV. MATERIAL MODIFICATION INFORMATION | | | |
| 28. CURRENT DRAW AMOUNT | | 29. NEW DRAW AMOUNT | |
| 30. CURRENT UNIT OF MEASURE | | 31. NEW UNIT OF MEASURE | |
| 32. CURRENT FREQUENCY | | 33. NEW FREQUENCY | |
| 34. DATE | 35. SUPERVISOR NAME | 36. SUPERVISOR SIGNATURE | |

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| AUTHORIZED USE LIST LABEL ADJUSTMENT FORM ALL WORKPAPER SHOULD CONTAIN THIS ENVIRONMENTAL DIVISION | |
|---|--|
| NOTICE: APPROVALS MAY EITHER BE CONCURRENT OR IN SEQUENCE, BUT APPROVAL FROM ALL REVIEW AGENCIES IS REQUIRED PRIOR TO MATERIAL REJECTION. RESTRICTIONS (INCLUDING REQUIRED PPE AND WASTE DISPOSAL LIMITATIONS) MUST BE DETAILED IN THE SPACE PROVIDED. | |
| 1. HAS THE MATERIAL BEEN EVALUATED FOR POLLUTION PREVENTION OPPORTUNITIES OR GREEN ALTERNATIVES? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 2. DOES THE MATERIAL CREATE NEW CAA, CERCLA, EPCRA, OR OTHER REGULATORY REPORTING REQUIREMENTS? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. IF YES, EXPLAIN MATERIAL USAGE RESTRICTIONS REQUIRED TO COMPLY WITH REGULATIONS. | |
| 4. WHAT ARE THE DISPOSAL REQUIREMENTS (CONSUMED IN USE, RECYCLED, BULK WASTE, CONTAINERIZED ON-SITE, SANITARY SEWER, EVAPORATION, ETC.)? | |
| 5. IS THE REQUEST APPROVED? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 6. IF NO, PROVIDE JUSTIFICATION IN THE SPACE PROVIDED. | |
| 7. ADDITIONAL COMMENTS: | |
| APPROVING OFFICIAL 8. NAME: _____ 9. DATE: _____ | |
| 10. SIGNATURE: _____ | |

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| AUTHORIZED USE LIST (AUL) ADJUSTMENT FORM AIR WORKING GROUP COMMENTS INDUSTRIAL HYGIENE | |
|---|--|
| NOTICE: APPROVALS MAY EITHER BE CONCURRENT OR IN SEQUENCE, BUT APPROVAL FROM ALL REVIEW AGENCIES IS REQUIRED PRIOR TO MATERIAL REQUESTAL RESTRICTIONS (INCLUDING REQUIRED PPE AND WASTE DISPOSAL LIMITATIONS) MUST BE OBTAINED IN THE SPACE PROVIDED. | |
| 1. DO ANTICIPATED CONTROLS IDENTIFIED BY THE WORK CENTER MEET REQUIREMENTS | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 2. IF NO, PROVIDE ADDITIONAL REQUIREMENTS. | |
| | |
| 3. WILL THE NEW MATERIAL REQUIRE MEDICAL MONITORING (RESPIRATOR, MEDICAL CLEARANCE OR CHEMICAL-SPECIFIC MEDICAL EXAMS)? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. IF YES, PROVIDE MEDICAL MONITORING REQUIREMENTS IN THE SPACE PROVIDED. | |
| | |
| 5. IS THE REQUEST APPROVED? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 6. IF NO, PROVIDE JUSTIFICATION IN THE SPACE PROVIDED. | |
| | |
| 7. ADDITIONAL COMMENTS: | |
| | |
| APPROVING OFFICIAL | |
| 8. NAME: | 9. DATE: |
| 10. SIGNATURE: | |
| | |

| AUTHORIZED USE LIST (AUL) ADJUSTMENT FORM ALL WORKING GROUP COMMENTS SAFETY OFFICE | |
|--|--|
| NOTICE: APPROVALS MAY EITHER BE CONCURRENT OR IN SEQUENCE, BUT APPROVAL FROM ALL REVIEW AGENCIES IS REQUIRED PRIOR TO MATERIAL REQUESTION. RESTRICTIONS (INCLUDING REQUIRED PPE AND WASTE DISPOSAL LIMITATIONS) MUST BE OBTAINED IN THE SPACE PROVIDED. | |
| 1. DOES THIS MATERIAL HAVE STORAGE REQUIREMENTS OR SITE RESTRICTIONS? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 2. DOES THE PROCESS REQUIRE A RISK ASSESSMENT AND/OR JOB HAZARD ANALYSIS? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. ARE THERE ANY SPECIAL TRAINING CONSIDERATIONS FOR USE OR HANDLING? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. ARE PPE OR OTHER CONTROLS, NOT IDENTIFIED BY THE WORK CENTER REQUIRED? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 5. IF YES TO ANY OF THE ABOVE, PROVIDE NEW REQUIREMENTS IN THE SPACE PROVIDED. | |
| | |
| 6. IS THE REQUEST APPROVED? <input type="checkbox"/> YES <input type="checkbox"/> NO | |
| 7. IF NO, PROVIDE JUSTIFICATION IN THE SPACE PROVIDED. | |
| | |
| 8. ADDITIONAL COMMENTS: | |
| | |
| APPROVING OFFICIAL | |
| 9. NAME: | 10. DATE: |
| 11. SIGNATURE: | |
| | |

| AUTHORIZED USE LIST (AUL) ADJUSTMENT FORM AUL WORKING GROUP COMMENTS SUPPLY DIVISION | |
|---|--|
| NOTICE: IF LOCAL (OUT-OF-TOWN) PURCHASE IS THE RECOMMENDED PROCUREMENT METHOD, ENSURE THAT A COMPLETED WAIVER IS SENT TO THE HAZMIN CENTER, AUL WORKING GROUP, OR OTHER. THE WAIVER MUST IDENTIFY THE HAZMAT TO BE PROCURED AND REQUIRE THAT IT BE APPROPRIATELY REGISTERED/MARKED ONCE BROUGHT ABOARD THE INSTALLATION. | |
| 1. IS THIS MATERIAL CURRENTLY AVAILABLE ABOARD THE INSTALLATION AT EITHER THE HAZMIN CENTER, SERVSMART, OR OTHER LOCATION? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 2. IF YES, WHERE CAN THIS ITEM BE PURCHASED? | |
| 3. IF NO, A. IS THE DRAW AMOUNT SIGNIFICANT ENOUGH TO STOCK THE ITEM ABOARD THE INSTALLATION? <input type="checkbox"/> YES <input type="checkbox"/> NO B. WHAT IS THE RECOMMENDED METHOD OF PROCUREMENT? | |
| IF LOCAL PURCHASE IS RECOMMENDED, ENSURE THAT A WAIVER TO ALLOW OUT-OF-TOWN PURCHASE IS COMPLETED THAT REQUIRES THE USER TO IDENTIFY ANY PURCHASED MATERIALS TO THE HAZMIN CENTER / AUL WORKING GROUP / OTHER. | |
| 4. ADDITIONAL COMMENTS: | |
| APPROVING OFFICIAL | |
| 5. NAME | 6. DATE |
| 7. SIGNATURE | |
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