

**ENVIRONMENTAL REQUIREMENTS
FOR
CONTRACTORS
WORKING ON
BARKSDALE AIR FORCE BASE**



Installation Management

2CES/CEI

334 Davis Avenue West Suite 208

Barksdale AFB LA 71110-2078

FAX: (318) 456-5274

June 2018

DOCUMENT CONTROL

Record of Updates – The HWMP is updated as changes to waste generation and management practices occur, including those driven by changes in applicable regulations.

Record of Updates

| Change No. | Nature of Change | Date of Change | Approved By: |
|-------------------|-------------------------|-----------------------|---------------------|
| 1 | | | |
| | | | |

Record of Annual Review – In accordance with (IAW) AFI 32-7042, *Waste Management*, this plan is reviewed annually, updated as appropriate, and approved by the Environmental Safety and Occupational Health Council (ESOHC). Formatting and administrative changes do not require ESOHC review.

Record of ESOHC Annual Review

| Review Date | Review Participants | Notes/Remarks | Result in Plan Update? (Yes or No) |
|--------------------|----------------------------|----------------------|---|
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The Contractor shall follow the requirements of all federal, state, local, and Air Force environmental regulations and instructions.

ENVIRONMENTAL MANAGEMENT SYSTEM (EMS)

(POC: Mr. Roger Suiter, 2 CES/CEIEC, 456-4694)

The contractor shall at a minimum complete EMS Awareness Training prior to beginning any work on the installation. The training is in the form of power point presentation at the contracting office. The contractor shall also ensure that all personnel are aware of Barksdale AFB EMS Policy which is:

At Barksdale Air Force Base, protecting the environment is one of our highest priorities and will be a major factor in decision-making. We are dedicated to continual improvement of our processes to prevent and reduce waste generation. We are committed to compliance with environmental laws and other requirements while reducing pollution at the source of generation. The framework for setting and reviewing environmental objectives and targets includes considering significant environmental aspects and other factors most important to the base. Progress on these objectives and targets will be reviewed and briefed to the ESOH Council at least annually. In all our activities we will seek to:

- a. Promote the conservation and sustainable use of natural and manmade materials.
- b. Prevent environmental pollution and waste.
- c. Build environmental information into all levels of management to ensure environmental compliance.
- d. Achieve continual improvements in environmental performance and maintain compliance with all federal, state and local regulations.
- e. Work in partnership with all stakeholders to promote good stewardship with base personnel, contractors, the community, and regulatory agencies.

The contractor shall also ensure that personnel understand that all base activities were scored and those that scored highest were considered to be critical and identified as “significant aspects”. Currently, there is one and that is POL Management. With this in mind, contractors should take particular care in activities that could impact this area.

ENVIRONMENTAL COMPLIANCE

Environmental compliance can be an overwhelming subject. The POCs for each discipline are here to help. Don't hesitate to call or visit any of the compliance POCs for additional information.

AIR

(POC: Ms. Babs Legan, 2 CES/CEIE, 456-5256)

The contractor will ensure all pre-construction Air Permits are coordinated through CE Environmental. Items of interest include, but are not limited to concrete batch plants, paint booths, storage tanks, electric generators, solvent tanks, facility boilers and other combustion devices. Also, any changes to the scope of work of any current project will be presented to CE Environmental, allowing reasonable time for review and if needed modification to applicable Air Permits. Questions can be directed to Ms. Babs Legan, Compliance/Air Program Manager.

DRINKING WATER

(POC: Mr. Bob Cote, 2 CES/CEIEC, 456-3522)

The drinking water program is managed by three shops; Bioenvironmental Engineering, (2 AMDS/SGPB), 456-6730; Environmental, (2 CES/CEIE), 456-3522; and Utilities, (2 CES/CEOIU), 456-8919.

After construction or maintenance on any portion of the drinking water system, super chlorination is normally required prior to putting the system back in operation. Contact Bioenvironmental Engineering to schedule the required system test if super chlorination is performed.

In the event a drinking water system loses pressure below 15 psi or the water quality becomes questionable, a boil advisory may be enacted. Call each of the three shops as soon as possible if water pressure is lost or water quality becomes questionable.

HAZARDOUS MATERIALS

(POC: Mr. Roger Suiter, 2 CES/CEIEC, 456-4694)

The contractor will comply with The Emergency Planning and Community Right-to-Know Act (EPCRA); LA Department of Public Safety, Office of State Police, LAC 33:V.Chapter 101, Hazardous Material Information Development, Preparedness and Response Act; and AFI 32-7086, Hazardous Materials Management.

The contractor will furnish CES/CEIEC and HAZMART a list of all Hazardous Materials and corresponding Safety Data Sheets (SDSs) prior to commencement of work on base. Reporting will be accomplished on the form provided in Attachment 1. The contractor will be responsible for keeping this list and SDSs current.

The Hazmart is located in Building 5946. Their phone is (318) 456-7045. Hours of operation are Monday-Friday 0700-1600.

Hazardous material usage log (Attachment 2) will also be annotated and turned into the Hazardous Material Program Manager, Roger Suiter in the Environmental office or HAZMART manager.

The contractor will be responsible for the safe handling of all potentially hazardous materials while on Barksdale Air Force Base. In the case of a release of a Hazmat into the environment, the contractor will immediately notify the Base Fire Department (911) and 2 CES/CEIEC, (318) 456-4694. If it can be done safely, the contractor should stop the spill and initiate clean-up. If base personnel are involved in clean-up operations, the contractor's responsibility will include the reimbursement of all costs incurred by the government to include supplies, man-hours, and disposal of the waste.

Please note: If you dial 911 from a cell phone on base, it will ring downtown. You must tell them you are on Barksdale AFB and need emergency response contact on base.

HAZMAT is defined as any item or class of items referenced in Federal Standard 313D, paragraph 3.2 and all Class I and Class II Ozone Depleting Substance.

HAZARDOUS WASTE

(POC: Mr. Bill Lee, 2 CES/CEIEC, 456-5273)

The Contractor shall follow the requirements of all local, state, federal and Air Force environmental regulations and instructions. This includes, but is not limited to: [40 CFR Parts 260 – 265](#), and [266- 282](#); [LAC 33:V](#); Environmental Requirements for Contractors; and [AFI 32-7042](#).

Prior to the beginning of any process that will generate a Hazardous Waste (HW), the Contractor will inform CEIEC of the proposed action, the duration of the action and the amount of waste which will be generated. All HW will be handled and stored in strict compliance with federal, state and, local laws/regulations. Contractors will be held fully liable for any negligence which results in a Notice of Violation or other penalty.

HW will be defined as a solid waste which exhibits a characteristic such as flammability, corrosivity, reactivity, or toxicity, as identified in [LAC:33.V.4901](#), or is otherwise listed in LAC:33.V.4901. Any mixture of a solid waste and a listed HW is also considered a HW. If in doubt, please contact CEIEC Hazardous Waste Program Manager, Mr. Bill Lee to determine if the waste is hazardous. It must be understood that proper management of any waste generated; hazardous or non-hazardous will be the responsibility of the contractor. Hazardous waste generated by the contractor on BAFB will be disposed of by the base. The contractor is responsible for collecting and containerizing all HW generated in a Department of Transportation

(DOT) approved container compatible with the waste. The contractor will call the Central Accumulation Point (CAP) (318) 456-8580, hours of operation Mon-Friday 0700-1600 to schedule pick-up or turn-in of containerized hazardous waste. Questions can be directed to the Hazardous Waste Program Manager at (318) 456-5273.

SOLID/C&D WASTE AND RECYCLING

(POC: Mr. Alfredo Garza, 2 CES/CEIEC, 456-5293)

Solid Waste Landfills

There are **NO** permitted landfills on base; any reference to disposal at a landfill means an approved off-base landfill. All leaves, branches and limbs shall be removed from the base and disposed of at a state approved composting facility. At no time will yard waste be mixed with other types of waste generated by the contractor. The contractor shall provide the government a copy of the disposal ticket within five days of the end of the month. **ABSOLUTELY NO DUMPING OF ANY KIND WILL BE PERMITTED ON BARKSDALE AIR FORCE BASE!!!**

Construction and Demolition Debris

Construction and Demolition (C&D) debris is generated as a result of construction, renovation, or demolition activities. Although C&D debris is usually considered a single waste stream, the composition actually varies with each activity and the type, size, and location of the structures involved. Disposing of C&D debris in landfills consumes enormous amounts of space and is both economically and environmentally costly. All efforts should be made to recycle C&D debris from projects. In accordance with [AFI 32-7042](#) and BAFB's Integrated Solid Waste Management Plan (ISWMP), **ALL WEIGHTS AND TYPES OF C&D MATERIALS RECYCLED AND DISPOSED MUST BE REPORTED TO THE RECYCLE PROGRAM MANAGER, Mr. Al Garza at 456-5293 OR TO THE CONTRACTING OFFICER IN CHARGE OF THE PROJECT.**

Recycling

In accordance with [AFI 32-7042](#) and recycling should take place whenever feasible. The base recycles metals (aluminum, iron, steel, tin) plastics, cardboard, office paper, concrete, and milled asphalt. Separate and place all ferrous and nonferrous metals in approved containers, sell for scrap or **donate to the base recycling program**. All items recycled shall be reported to CEIEC Recycling Program Manager, Mr. Al Garza at 456-5293 by weight and commodity. The base will also supply containers and transportation for some products. Please contact Mr. Alfredo Garza, at the above work number or cell phone (318) 834-5551 prior to beginning your construction project to get your recycling off to a successful start.

HERBICIDES

(POC: Entomology Shop, 2 CES/CEOUE, 456-1814)

Only herbicides authorized by the Environmental Protection Agency (EPA) shall be used. Contractor personnel applying herbicides shall have all proper certificates necessary for herbicide

application in the State of Louisiana. The contractor shall submit on an AF Form 3000, for approval, the type of herbicide to be used and the manufacturer's application instructions. These materials shall be approved by 2 CES (entomology). Any license or certificates needed by the contractor or his employees for the application of herbicides must be submitted to the Contracting Officer on an AF Form 3000 prior to application of the herbicide. The contractor is required to turn in, on a monthly basis, documentation as to the type and amount of herbicide applied, location used, and reason for application. Storage of Herbicides and all associated application equipment shall be in strict compliance with all Federal and State requirements regulating such items.

LEAD BASED PAINT (LBP)

(POC: Mr. Bob Cote, 2 CES/CEIEC, 456-3522)

The contractor will determine the existence of LBP prior to removal of paint. If it is found that LBP exists, follow the requirements of [40CFR745](#) and [29CFR1926.62](#) . For disposal purposes, a hazardous waste determination will be made on all LBP waste. Paint chips will be collected and analyzed to determine if the waste should be disposed of as a hazardous waste or an industrial waste.

POLYCHLORINATED BIPHENYL (PCB)

(POC: Mr. Bob Cote, 2 CES/CEIEC, 456-3522)

The contractor shall not remove any fluid containing electrical device (transformer, regulator, switch, etc.) from BAFB without prior coordination with 2 CES/CEOUE Exterior Electric (318) 456-8197, and the CE Environmental Office (318) 456-3522.

SANITARY SEWAGE

(POC: Mr. Bob Cote, 2 CES/CEIEC, 456-3522)

All industrial and domestic sewage from BAFB is treated at the Bossier City Red River Waste Water Treatment Plant. BAFB and contractors working on the base must comply with the Bossier City Industrial Wastewater Discharge Permit. Call Bob Cote, 456-3522, to determine if a proposed sanitary sewer discharge is prohibited?

If a sanitary sewer overflow or spill of raw sewage occurs, notify environmental as soon as possible but not later than one hour after discovery. A sanitary sewer overflow must be reported to the Louisiana Department of Environmental Quality if more than 1000 gallons of raw sewage is spilled onto the ground or if any amount enters a storm water conveyance, bayou, stream or other body of water.

STORAGE TANKS

(POC: Mr. Bob Cote, 2 CES/CEIEC, 456-3522)

Aboveground Storage Tanks

Installation of Above Ground Storage Tanks (AST) or day tanks will be coordinated with the Tanks Program Manager, Mr. Bob Cote. All ASTs will be installed according to manufacturers specifications and comply with all federal, state and local regulations.

All contractor fuel tanks with a capacity greater than 55 gallons must have secondary containment or have a specific contingency plan to minimize spills and address the cleanup of spills in their Storm Water Pollution Prevention Plan. If you will have or exceed 1320 gallons of total petroleum products stored on the project site, or any support sites, federal law requires that you develop and implement a Spill Prevention, Control, and Countermeasures Plan (SPCC plan). For this reason, it is highly recommended that you NOT exceed this threshold. If you must have an SPCC Plan, then a copy shall be filed with the Base Stormwater Program Manager, Ms. Babs Legan at (318) 456-5256.

Regardless of the quantity of petroleum products on site, the contractor shall have spill kits available on site and shall clean-up all spills immediately. Spill kit contents shall be sufficient to control and clean-up a spill equivalent to the largest container on site that does not have secondary containment. Spill debris shall be properly containerized and disposed of by the Contractor. If the spill debris is hazardous waste, disposal shall be in accordance with the hazardous waste section of this document.

Underground Storage Tanks

All work associated with USTs will be coordinated with Tanks Program Manager, Mr. Bob Cote, at the above work number. The contractor is responsible for completing all required Louisiana Department of Environmental Quality (LDEQ) forms and conducting all Underground Storage Tank (UST) related work in accordance with the appropriate regulations and manufacturers' specifications. In the case of UST closure, the contractor will prepare a closure report which meets LDEQ/UST Division requirements. The contractor is responsible for disposal of removed USTs and associated piping in an LDEQ/UST Division-approved manner.

STORM WATER

(POC: Ms. Babs Legan/Mr. Bob Cote, 2 CES/CEIE, 456-5256/3522)

The contractor shall not pollute any streams, rivers, or waterways through direct discharge or by storm water run-off. The contractor shall comply with all applicable federal, state, local laws and the BAFB Storm Water Pollution Prevention Plan and BAFB Spill Control and Countermeasures Plan (SPCC). The BAFB plans may be reviewed during normal working hours at the CEI office in Building 3433, Suite 208. As stated in the BAFB SPCC plan, contractors that cause a non-emergency spill will be responsible for cleanup of the spill. Contractors that cause an emergency spill are still responsible, but should not attempt the cleanup.

Contractors at sites that will disturb 5 or more acres of soil must follow all applicable requirements of LPDES Storm Water General Permit for Construction Activity, Permit No. LAR 10000. Included are requirements to:

- Develop a SWPPP
- Submit a Notice of Intent with payment
- Post a notice a site entrance
- Perform scheduled self-inspections.

If needed, the Base Storm Water Program Manager has a fill-in-the-blank template available for the SWPPP. Whether you choose to use the template or your own form, a copy of your plan must be submitted to the Base Storm Water Program Manager before you may begin ground disturbance. The permittee is no longer required to submit a Notice of Termination (NOT), as the termination of coverage under the permit is automatic and determined by the number of years selected by the permittee on the NOI. If an extension is needed, the permittee may file a Notice of Extension (NOE). Permits, NOIs, and NOEs are available from the [LDEQ Water Permits Division](#). The Base Environmental Office requires that the contractor furnish the Base Storm Water Program Manager, Ms. Amy Benitez, (318) 456-2770 with copies of the NOI and SWPPP.

Contractors for construction sites that disturb at least 1, but less than 5 acres of soil must comply with the LPDES Storm Water General Permit for Small Construction Activities, Permit No. LAR 200000 available from the [LDEQ Water Permits Division](#). Included are requirements to:

- Develop a SWPPP
- Post a notice at site entrance
- Perform scheduled self-inspections
- Submit a Small Construction Activity Completion Report (SCACR)

If needed, the Base Storm Water Program Manager has a fill-in-the-blank template available. Whether you choose to use the template or your own form, a copy of your plan must be submitted to the Base Storm Water Program Manager before you may begin ground disturbance. Please be advised that scheduled self-inspections are also part of this state requirement. There is NO application or fee for this permit. When a construction project is complete and the site has been stabilized in accordance with permit Part III.D.2.a.2, the permittee shall submit a Completion Report form (see Appendix B of the permit). The form must be signed and dated and submitted to the Permits Division within sixty (60) days after completion.

Contractors for construction sites that disturb less than 1 acre must still prevent the discharge of pollutants from their site per the Base's LPDES permit No. LA0007293.

Projects that have a footprint greater than 5000 square feet must implement EISA Section 438 which requires site planning, design, construction, and maintenance strategies to maintain or restore, to the maximum extent technically feasible, the predevelopment hydrology of the property with regard to the temperature, rate, volume, and duration of flow. US EPA guidance for compliance can be found at [Storm Water Compliance Sec 438](#).

In addition to the permitting and plan requirements noted above, the contractor staging area and work area(s) shall be maintained in a neat and orderly manner and cleaned up at the end of each duty day. The contractor shall not store petroleum, chemical, or waste containers where the contents will be exposed to rainfall. Containers shall remain closed at all times except when dispensing materials from or transferring materials to other containers. Drip pans shall be placed under dispensers when in use.

HISTORICAL, CULTURAL AND NATURAL RESOURCES

Preservation of Historical, Archeological, and Cultural Resources

(POC: Mr. Larry Breland, 2 CES/CENPP, 456-4064)

The Contractor will take precautions to preserve all pre-existing historical, archeological and cultural resources. If during project execution the contractor observes unusual items that might have historical, or archeological value, such observations shall be reported as soon as possible to the Contracting Officer. An important SOP pertaining to inadvertent discovery of human remains/funerary items can be found below.

Inadvertent Discovery of Native American Remains and/or Funerary Items

(POC: Mr. Larry Breland, 2 CES/CENPP, 456-4064)

Purpose: To outline procedures to be followed in the case of inadvertent (Accidental) discovery of Native American remains and/or funerary items on Barksdale AFB.

Applicability: This SOP applies to all organizations and activities operating on Barksdale AFB (both public and private).

Authority: *Comprehensive Agreement Between Barksdale Air Force Base (AFB), Louisiana and the Caddo Indian Tribe of Oklahoma (Caddo Nation), Native American Graves Protection and Repatriation Act of 1990 (P.L. 101-601, 104 STAT. 3048, 25 USC 3001-3013 and 43 CFR 10)*

Procedure: During excavation or maintenance work, if bones or funerary items are found, work shall immediately cease. Funerary items are defined as pottery vessels or pieces of vessels, bits of cloth, ceramic figurines or ornaments.

If the Cultural Resources Manager (CRM) cannot be contacted, the Programs Development Manager (PDM) shall be contacted at 456-3119.

Nothing in the excavation shall be moved or touched after discovery. Cover, or otherwise protect the site from the elements. Follow all instructions from the CRM or PDM. Depending upon the

material discovered, the site may be off limits during archeological or criminal investigation analysis. Work at the site may not resume, until official approval is given by the CRM or PDM.

Protection of Fish and Wildlife

(POC: Mr. Mark Gates, 2 CES/CEIEA, 456-1963)

The contractor shall perform all work required to minimize interference or disturbance to fish and wildlife. The contractor will not be allowed to alter water flows or disturb native habitat adjacent to the work area that in the opinion of the Wildlife Biologist are critical to fish and wildlife. Contractors are not allowed to work in the areas open to hunting on the East Reservation during managed deer or turkey firearm hunts. Contractors need to contact the Wildlife Biologist, Mr. Mark Gates at the above number for managed hunt dates.

Urban Tree Protection

(POC: Mr. Michael Gibson, 2 CES/CEIEA, 456-3926)

The contractor shall take all necessary precautions to preserve the existing Urban Forest assets on Barksdale Air Force Base. Prior to beginning any project involving work near or around trees the contractor shall contact the Natural Resource Manager at the above number for review and approval of work to be accomplished around trees. Do not store equipment or materials next to trees. Keep a 12 foot clearance around each tree; no digging, free of dirt, equipment, materials, or any other object.

Timber Resources

(POC: Mr. Michael Gibson, 2 CES/CEIEA, 456-3926)

The contractor shall contact the base Forester at the above number if projects involve damage or removal of timber resources. Prior to beginning any project on the East Reservation involving possible damage to or the removal of timber, the contractor shall contact forestry for review and approval of the work involving timber resources.

ENVIRONMENTAL RESTORATION PROGRAM (ERP)

(POC: Mr. Wallace Robertson, AFCEC/CZOW, 456-5286)

The Environmental Restoration Program oversees the identification, investigation, research and development, and cleanup of contamination from hazardous substances and pollutants or contaminants at formerly used sites on the base. These sites include former bombing ranges, disposal pits, spill areas, UST sites, fire training areas, and landfills. There are many potential below-ground issues at these sites, including Unexploded Ordnance, contaminated soils and groundwater, and landfill disposal debris.

Any proposed activities at or adjacent to ERP sites, including digging or trenching activities that require completion of Air Force Form 103 Base CE Work Request Clearance Request (Dig Permit) must be coordinated with Mr. Wallace Robertson prior to initiating the activity. Information concerning the location and status of ERP sites can be obtained through the CEI office.

Attachment 1

Contractor Information Sheet for Hazardous Material Reporting

| |
|--------------------------------------|
| PROJECT NAME: |
| PROJECT NUMBER: |
| COMPANY NAME: |
| DATES OF CONTRACT: |
| LOCATION ON BASE: |
| PHONE NUMBER (On-Base if available): |
| NAME OF CONTACT: |
| SHOP CODE (Assigned by HAZMART): |

INFORMATION

| Material Name | Container Type | QTY | Size | Total Qty to be Used (Estimated) | NSN/LSN completed by HAZMART | Barcode #s completed by HAZMART |
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