



DEPARTMENT OF THE AIR FORCE

2D CIVIL ENGINEER SQUADRON (AFGSC)
BARKSDALE AIR FORCE BASE, LOUISIANA

April 14, 2025

MEMORANDUM FOR LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY OFFICE OF ENVIRONMENTAL COMPLIANCE

FROM: 2 CES/CEIE
334 Davis Ave West, Suite 200
Barksdale AFB LA 71110-2078

SUBJECT: ADDENDUM to MS4 Annual Report (LAR042001)/AI No.: 9028

On behalf of Barksdale Air Force Base (BAFB), I would like to submit this addendum to our annual small MS4 report, to include data for parts: 4.B.(a, d) & 5.A.(a). BAFB Environmental Section received this data from BAFB Engineering section on 21 March 2025. The supplement attachment (MCM 4/5) is included for CY24 construction site inspections from our Engineering Section.

1. Public education and outreach on storm water impacts. *These measures were in effect for all of CY 2024 and will be in effect for CY 2025.*

| BMP | Measurable Goal | Measure | Continue BMP | Comments |
|--|---|--|--------------|--|
| Education/outreach for industrial activities | Each shop will have at least one trained environmental rep. | 130 Air Force ESOH Reps received initial environmental training during CY 2024. | Yes | Training is tracked and reviewed by management. |
| Base media and web sites provide storm water pollution prevention info | eDASH web page site with specific training is available and reviewed annually. | All pollution prevention plans are current and posted to the eDASH website. | Yes | Easy access resource for most environmental topics. |
| Shop Inspections | Each shop with the potential to release pollutants will be inspected at least annually. | Conducted 350 inspections for proper waste management. Conducted 130 inspections for proper material storage. | Yes | Met goal with 100% of shops with HazWaste inspected quarterly. Met goal with 100% shops with HazMat inspected annually. Findings tracked and reviewed by management. |

A. Barksdale AFB is very active in providing environmental training to base personnel on all environmental programs. These are more mechanisms the storm water program uses

to prevent pollution and illicit discharges in addition to the BMPs laid out in the SWMP. Documentation of training slides are provided in the **MCM 1&2 Supplement attachment**.

- a. ESOH Rep initial training (monthly) – 27 trained in CY2024
- b. Facility Manager training (monthly) – 227 trained in CY2024
- c. Tank Custodian training (as needed) – 4 trained in CY2024
- d. Satellite Accumulation Point (SAP) training (quarterly) – 119 trained in CY2024
- e. Individual shop trainings: gas stations, grease bins, and equipment maintenance (for new employees and shop refreshers as needed) – 12 shops trained in CY2024

B. Barksdale's Public Affairs, Private Housing, and Environmental Office dispersed four educational outreach items over CY2024, created by Barksdale's Storm Water Program Manager. Dispersal methods include posting to Hunt Housing's Facebook page (3,200 followers), posting to Barksdale's online news page, mass emailing to all base personnel, quarterly Environmental newsletter, hanging informational packets on housing doors, and handing out fliers/post cards to all base personnel and residents. Documentation of educational outreach is provided in the **MCM 1&2 Supplement attachment**.

2. Public involvement and participation. *These measures were in effect for all of CY 2024 and will be in effect for CY 2025.*

| BMP | Measurable Goal | Measure | Continue BMP | Comments |
|---|---|--|--------------|--|
| Recycle | Meet the AF diversion rate. | Barksdale recycled 1083 tons of material in CY2023, the diversion rate was met. | Yes | The regional recycling center closed Sept 2020, limiting the base's recycling abilities. |
| Housing lease requires trash management and no vehicle repairs are allowed. | Litter will be minimal, and pet waste must be picked up from yards daily and walks. | No complaints from housing for CY2023. | Yes | Complaints are tracked in CE Housing office through EMH online database. |
| Arbor Day | Trees will be planted annually. | The Base Natural Resources Flight planted 162 acres of hardwood trees (47, 894 total trees) and 77 acres of loblolly pines (50, 736 total trees) throughout CY 2024 on the East Reservation. | Yes | Trees and ground cover contribute to soil runoff management. |
| Earth Day | At least one class, or Military personnel, participates in environmental awareness on Base. | Earth Day was celebrated on base with a display booth at the BX for Earth Day lessons with educational material. | Yes | Documentation is provided in the MCM 1&2 Supplement attachment . |

3. Illicit discharge detection and elimination. *These measures were in effect for all of CY 2024 and will be in effect for CY 2025.*

| BMP | Measurable Goal | Measure | Continue BMP | Comments |
|---|--------------------------------------|--|--------------|--|
| Base will identify illicit connections. | Base will comply with AFMAN 32-1067. | Cross-connections will be eliminated, and system improvements will be prioritized and completed as possible. | Yes | Major I&I study was conducted on the East side housing January – March 2023. |
| Monitor and sample Lift Station discharges. | Submit accurate, timely DMRs. | Required semi-annual reports for 2024 were submitted on time. No violations. | Yes | Bossier City Permit #BC0022 No changes required. |
| Monitor and sample storm water discharges. | Submit accurate, timely DMRs. | All quarterly storm water DMRs for CY 2024 were submitted on time. No violations. | Yes | LPDES Permit #LA0007293 No changes required. |
| Recycle | Meet the AF diversion rate. | Barksdale recycled 1083 tons of material in CY2024, the diversion rate was met. | Yes | The regional recycling center closed Sept 2020, limiting the base's recycling abilities. |

A. Per BAFB Storm Water Pollution Prevention Plan (SWPPP), the following types of discharges which are allowed by the LPDES Permit for storm water discharge associated with industrial activity may occur:

- Discharges from firefighting activities
- Fire hydrant flushing
- Potable water sources including waterline flushing
- Exterior building wash down without soap or detergent
- Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred and where detergents are not used
- Air conditioning condensate, and
- Lawn watering.

Documentation is provided in the **MCM 3 Supplement attachment**.

4. Construction site storm water runoff control. *These measures were in effect for all of CY 2024 and will be in effect for CY 2025.*

| BMP | Measurable Goal | Measure | Continue BMP | Comments |
|--|--|--|--------------|--|
| Contractor will develop SWPPP. | Contractor will have SWPPP on site. | Construction will not begin without a SWPPP. | Yes | Env. Requirements booklet is issued at Pre-con meetings. |
| Contractors will properly store material on-site to minimize | There will be no work/payment stoppages due to | QAEs did not have to issue any work stoppage through | Yes | HazMart and CAP were available to |

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|--|---|--|-----|--|
| pollutant runoff and prevent reportable discharges. | contractor improperly storing site materials. | contracting due to poor material storage. | | assist QAE and contractors. |
| Contractor will use, as required, BMPs to prevent polluted storm water runoff. | SWPPPs will list BMPs and there will be no work/payment stoppages due to sediment runoff. | QAEs did not have to issue any work stoppage through contracting due to sediment runoff. | Yes | SW manager is available to assist QAE and contractors. |

- A. The Storm Water Program Manager developed a construction site sediment handout to be given to contractors during Pre-Con meetings along with the Environmental Requirements booklet. Documentation of this handout is provided in the **MCM 4&5 Supplement attachment**.
- B. Documentation of construction site inspections is provided in the **MCM 4&5 Supplement attachment**. The project manager inspects the site daily with follow up inspections by the base QAE and Storm Water Manager. It is base policy that all projects under one (1) acre are covered under the Barksdale AFB SWPPP. Additional information regarding construction site inspections for CY2024 include:
- number of construction projects closed out/post construction inspections – 34/8,162
 - number of violations and work stoppages – 30
 - number of complaints – 0
 - number of SWPPP reviewed – 54

5. Post-construction storm water management in new development and redevelopment. These measures were in effect for all of CY 2024 and will be in effect for CY 2025.

| BMP | Measurable Goal | Measure | Continue BMP | Comments |
|----------------------------|--|--|--------------|---|
| Site management | Ground cover will be maintained. | Grounds Maintenance maintained post-construction sites. | Yes | Grounds Maintenance takes control of site vegetation after construction fences are removed. |
| BMP inspection/maintenance | Site specific construction BMPs will remain until ground cover is established. | There were no BMP violations during post-construction inspections. | Yes | QAs inspection logs are available from 2CES/CEOHS |

- A. Documentation of post-construction site inspections is provided in the **MCM 4&5 Supplement attachment**. The project manager and QAE inspect the post-construction site. Additional information regarding construction site inspections for CY2024 include:
- number of construction projects closed out/post construction inspections – 34/8,162
 - number of violations – 30

6. Pollution prevention and good housekeeping. *All these measures were in effect for all of CY 2024 and will be in effect for CY 2025.*

| BMP | Measurable Goal | Measure | Continue BMP | Comments |
|---|---|--|--------------|--|
| Proper material storage. Perform shop inspections to verify good housekeeping and P2. | Each shop with the potential to release pollutants will be inspected at least annually. | Conducted 350 inspections for proper waste management. Conducted 130 inspections for proper material storage. | Yes | Met goal with 100% of shops with HazWaste inspected quarterly. Met goal with 100% shops with HazMat inspected annually. Findings tracked and reviewed by management. |
| Spill response and prevention. | Base will maintain FRP, SPCC, SWPPP, and SWMP. | All pollution prevention plans are current and posted to the eDASH website. | Yes | Base also met POL training requirements of 40 CFR112. |
| Vehicle washing. | All government vehicles will be washed on wash racks only. | No violations were reported. | Yes | No wash rack issues. |
| Used oil will be recycled. | Used oil will be collected to minimize likelihood that it becomes a pollutant. | 4,683 gallons of oil were collected for CY 2024 recycling. | Yes | None |

- A. In the 2 CES/CEI Environmental office, the Storm Water program is run by the Storm Water Program Manager with one alternate in the office. All Managers and Technicians in the Environmental office are responsible for environmental compliance and have supporting roles in storm water management. Additionally, each military organization has a wide variety of environmental training to educate personnel on pollution prevention, proper material storage, POL management, spill training, etc. as noted in **MCM 1&2 Supplement attachment**.
- B. On 20-21 August 2024, base personnel on the Spill Response Team and the Storage Tanks/POL Cross Functional Team attended the annual spill response training outlined in 40 CFR 112. Documentation of the training roster is provided in the **MCM 6 Supplement attachment**.
- C. Base has scheduled street sweeping so storm drains will not be clogged with reasonably preventable accumulations of leaves/yard clippings. 2CES Horizontal sweeps Monday through Friday on the flight line, industrial streets, and parking lots. The sweeper is also used on base streets and parking lots on Saturday to access areas not otherwise accessible during the week due to parked vehicles. Hunt housing maintains private housing sweeping as needed.

The BMPs evaluated in the six preceding tables are beneficial and will continue to be implemented. These programs and practices help to minimize the pollutants that enter the base storm water.

The Storm Water Management Plan written to meet the requirements of the General Permit LAR040000 (reissued November 20, 2023) was certified June 27, 2024. It is reviewed annually. Changes for the 5-year review were of an administrative nature and noted in the Record of Changes table. The current NOI was completed June 27, 2024.

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

Print Name: Ronald Kay

Title: Environmental Program Manager

Signature: _____

Date: 14 April 2025