

# FORT RUCKER

## Environmental Document

### ENV-WA001: Stormwater Construction Inspection Program (1 October 2017)

Approved by: *Melissa Lowlavar/Phil Anderson*

#### 1.0 PURPOSE

This procedure defines the requirements for inspection of construction sites and borrow pits on Fort Rucker that require an ADEM National Pollutant Discharge Elimination System Permit for Stormwater.

Control of environmental procedures is addressed in procedure ENV-P002, *Document Control*.

#### 2.0 SCOPE

This procedure applies to all construction sites 1 acre or larger in size and all small non-coal/nonmetallic mining, dry processing and associated areas less than five acres (borrow and stockpile pits).

#### 3.0 DEFINITIONS

Term	Definition
DPW-ENRD	Directorate of Public Works, Environmental and Natural Resources Division, located in Building 1121; Phone: 334-255-1658
ADEM	Alabama Department of Environmental Management
NPDES Permit	National Pollutant Discharge Elimination System Permit issued by ADEM for all construction sites 1 acre or larger, and for small non-coal/nonmetallic mining, dry processing and associated areas (borrow and stockpile pits)
BMPs	Best Management Practices
QCI	Qualified Credentialed Inspector - person who has successfully completed initial Qualified Credentialed Inspection Program (QCIP) training and annual refresher training, and holds a valid certification from an ADEM-approved cooperating training entity.
QCP	Qualified Credentialed Professional - includes a registered landscape architect, a registered land surveyor, a Professional Geologist, a registered forester, a Registered Environmental Manager as determined by the National Registry of Environmental Professionals (NREP), and a Certified Professional Soil Scientist (CPSSc) as determined by ARCPACS, and other Department accepted professional designations, certifications, and/or accredited university programs that can document requirements regarding proven training, relevant experience, and continuing education, that enable recognized individuals to prepare CBMPPs, to make sound

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Term	Definition
	professional judgments regarding Alabama NPDES rules, the requirements of this Chapter, planning, design, implementation, maintenance, and inspection of construction sites, receiving waters, BMPs, remediation/cleanup of accumulated offsite pollutants from the regulated site, and reclamation or effective stormwater quality remediation of construction associated land disturbances , that meet or exceed recognized technical standards and guidelines, effective industry standard practices, and the requirements of ADEM Admin. Code 335-6-12.
NEPA	National Environmental Policy Act
CBMPP	Construction Best Management Practices Plan

#### 4.0 RESPONSIBILITIES

It is the responsibility of the military, civilian or contract personnel managing a construction site of 1 acre or larger or an active borrow pit to follow these procedures.

#### 5.0 PROCEDURE

##### 5.1 Prior to start of construction / development of borrow pit

- 5.1.1 The DPW-ENRD Program Manager will review the scope of work for the project through the National Environmental Policy Act (NEPA) review process to determine if construction site / borrow pit will require a NPDES permit.
- 5.1.2 The DPW-ENRD Program Manager will inform the appropriate personnel if the construction site / borrow pit requires a stormwater permit.
- 5.1.3 The military, civilian or contract personnel responsible for the construction site / borrow pit will apply for and receive a stormwater permit from the State of Alabama prior to the beginning of construction if required.
- 5.1.4 The military, civilian or contract personnel responsible for the construction site / borrow pit will provide a copy of the NPDES permit to the DPW-ENRD Program Manager.
- 5.1.5 The military, civilian or contract personnel responsible for the construction site / borrow pit will apply all BMPs as outlined in their Construction Best Management Practice Plan (CBMPP).
- 5.1.6 The military, civilian or contract personnel responsible for the construction site / borrow pit will ensure they have a QCI / QCP as recognized by the State of

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Alabama available to conduct inspections as required by their permit. The QCI / QCP certification must be current.

#### **5.2 During construction / use of borrow pit**

- 5.2.1 The military, civilian or contract personnel responsible for the construction site / borrow pit will ensure that the identified QCI / QCP conducts inspections as required by the permit. The QCI / QCP certification must be current.
- 5.2.2 The military, civilian or contract personnel responsible for the construction site / borrow pit will ensure all BMPs are functioning properly and will correct any deficiencies as soon as practicable.
- 5.2.3 The DPW-ENRD Program Manager will periodically inspect the permitted construction site utilizing USAACE Form 2717 to ensure that permit requirements are being met. Inspection records will be kept for a minimum of three years after the termination of the permit.
- 5.2.4 The DPW-ENRD Program Manager will inform the construction site supervisor of any deficiencies noted on periodic inspections.
- 5.2.5 The military, civilian or contract personnel responsible for the construction site must correct any deficiencies identified during the inspection.
- 5.2.6 The DPW-ENRD Program Manager or their representative QCI will inspect the borrow/stockpile pits monthly utilizing the ADEM NPDES *Noncoal/Nonmetallic Mining and Dry Processing Less than 5 Acres Stormwater Inspection Report and BMP Certification*.

#### **5.3 At completion of construction / use of borrow pit**

- 5.3.1 The military, civilian or contract personnel responsible for the construction site / borrow pit will stabilize the site according to the requirements of the permit.
- 5.3.2 The military, civilian or contract personnel responsible for the construction site / borrow pit will submit a complete and correct request for registration termination to DPW-ENRD Program Manager for review and approval prior to submission to ADEM.
- 5.3.3 The military, civilian or contract personnel responsible for the construction site / borrow pit will provide a copy of the termination of registration letter as issued by ADEM to the DPW-ENRD Program Manager.

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#### 5.4 Construction Best Management Practices Plan (CBMPP)

5.4.1 Operators / owners of all regulated construction sites must implement and maintain effective erosion and sediment controls in accordance a CBMPP prepared and certified by a QCP using the ADEM required template:

<http://www.adem.state.al.us/programs/water/waterforms/CSW-CBMPPTemplate.pdf>

5.4.2 The CBMPP must be submitted to DPW-ENRD for review prior to project initiation.

5.4.3 For priority construction sites, the CBMPP must be submitted to ADEM for review along with the NOI. Priority construction sites include:

5.4.3.1 A waterbody which is listed on the most recently EPA approved 303(d) list of impaired waters for turbidity, siltation, or sedimentation,

5.4.3.2 Any waterbody for which a TMDL has been finalized or approved by EPA for turbidity, siltation, or sedimentation,

5.4.3.3 Any waterbody assigned the Outstanding Alabama Water use classification in accordance with ADEM Admin. Code r. 335-6-10-.09, and

5.4.3.4 Any waterbody assigned a special designation in accordance with ADEM Admin. Code r. 335-6-10-.10.

#### 6.0 FORMS AND RECORDS

USAACE Form 2717, *Environmental Compliance Inspection Checklist*

ADEM Form 23, *ADEM NPDES Construction Stormwater Inspection Report and BMP Certification*

ADEM NPDES *Noncoal/Nonmetallic Mining and Dry Processing Less than 5 Acres Stormwater Inspection Report and BMP Certification*

#### 7.0 REFERENCES

ADEM Stormwater Regulations – Chapter 335-6-6 and 335-6-12

Fort Rucker Stormwater Pollution Prevention and Best Management Practices Plan

ENV-P002, *Document Control*

ENV-NE001, *National Environmental Policy Act (NEPA) Program*

ALG890000, *Small Mining General Permit*

ALR100000, *Construction General Permit*