



UNITED STATES MARINE CORPS  
MARINE CORPS AIR STATION  
POSTAL SERVICE CENTER BOX 8003  
CHERRY POINT, NORTH CAROLINA 28533-0003

IN REPLY REFER TO:  
ASO 5090.14  
FAC  
21 SEP 2022

AIR STATION ORDER 5090.14

From: Commanding Officer, Marine Corps Air Station, Cherry Point  
To: Distribution List

Subj: POST-CONSTRUCTION STORMWATER PROGRAM

Ref: (a) NPDES Permit No. NCS000314  
(b) 15A NCAC 02H .1017  
(c) 15A NCAC 02H .1019  
(d) MCO 5090.2  
(e) NC Session 2007, Session Law 2008-211, Sections 2.(a), 2.(b), 2.(c), 2.(d), 2.(e), and 2.(f).  
(f) DoD EISA Section 438  
(g) Unified Facilities Criteria 3-210-10 *Low Impact Development*  
(h) FC 1-300-09N Navy and Marine Corps Design Procedures with Change 6

1. Situation. Marine Corps Air Station Cherry Point (MCAS CHERPT) is required to develop, implement, and enforce a Post-Construction (PC) Stormwater Program to address stormwater runoff from all development projects that disturb an area greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, that discharge into the Municipal Separate Storm Sewer System (MS4) in accordance with references (a) through (c).

2. Mission. Effective immediately, MCAS CHERPT will implement the guidance provided in this order. The purpose of this Order is to establish policy and procedures for the implementation, management, and enforcement of the PC Stormwater Program at MCAS CHERPT.

3. Execution

a. Commander's Intent. To provide a framework for the establishment of a PC Stormwater Program that ensures all construction activities undertaken aboard MCAS CHERPT and associated Outlying Fields (OLFs) comply with all laws, regulations, policies and directives; specifically those described in references (a) through (h).

b. Concept of Operations.

(1) This Order establishes a PC Stormwater Program aboard MCAS CHERPT and associated OLFs, per reference (a).

(2) MCAS CHERPT Facilities Asset Management Officer (FAMO) will serve as the designated permittee or applicant on all submitted PC stormwater permits on behalf of MCAS CHERPT.

(3) MCAS CHERPT Environmental Affairs Officer (EAO) will act as the permitting & regulatory official for issuance and compliance assessment of all issued PC stormwater permits on behalf of MCAS CHERPT.

c. Coordinating Instructions

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

(1) Definitions:

(a) Municipal Separate Storm Sewer System (MS4): pursuant to 40 Code of Federal Regulation (CFR) 122. 26(b)(8), means a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains) owned or operated by the United States, a state, city, town, county, district, association, or other public body (created by or pursuant to state law) having jurisdiction over disposal of sewage, industrial wastes, stormwater, or other wastes, including special districts under state law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under Section 208 of the Clean Water Act (CWA) that discharges to waters of the United States or waters of the state that is designed or used for collecting or conveying stormwater; that is not a combined sewer; and which is not part of a Publicly Owned Treatment Works (POTW) as defined in 40 CFR 122.2.

(b) Stormwater Control Measures (SCM): also known as a structural Best Management Practice (BMP), means a permanent device that is designed, constructed, and maintained to remove pollutants from stormwater runoff by promoting settling or filtration; or to mimic the natural hydrologic cycle by promoting infiltration, evapo-transpiration, post-filtration discharge, reuse of stormwater, or a combination thereof.

(c) Qualified Individual: a registered North Carolina professional engineer, geologist, surveyor, landscape architect, or soil scientist with qualified professional stormwater management inspection and maintenance training; or person certified by the North Carolina Cooperative Extension Service for SCM inspection and maintenance.

(d) Qualified Professional: a registered/licensed North Carolina professional engineer, geologist, surveyor, landscape architect, or soil scientist with qualified professional stormwater management inspection and maintenance training.

(2) FAMO Responsibilities

(a) Begin the general project plan review and approval process upon receipt of all required design documents and PC permitting forms from an Architect/Engineer (A/E).

(b) Request PC stormwater permit application forms and instructions from the EAO.

(c) Review project plans to verify full compliance with the regulatory requirements in references (a) through (h) and coordinate with and address any comments provided during all stages of the design review process with the EAO.

(d) Submit PC stormwater permitting packages for all applicable projects after final designs have been approved to the EAO for review and issuance of permits, in accordance with references (b) and (c).

(e) Ensure a detailed Operation and Maintenance (O&M) Agreement is included as supporting documentation for any project proposing an SCM with the permit application package.

(f) Upon completion of construction, ensure each project was properly constructed by requesting a copy of the as-built inspection and drawings and ensure that the package has been signed and sealed by the designer of record certifying that all work was completed per the approved plans.

(g) Submit copies of the as-built packages to the EAO and Marine Corps Installation Geospatial Information and Services (IGI&S).

(h) Schedule, perform, and track preventative maintenance and repairs in accordance with O&M agreements associated with each permit.

(i) Upon receipt of the annual SCM inspection reports from the EAO, prepare a corrective action plan (CAP) for all reported SCM deficiencies and provide the CAP to the EAO within 60 days after receipt of this report.

(j) Prepare and submit PC stormwater permit renewal application packages to the EAO. Each PC stormwater permit renewal application package must include an inspection report completed by a qualified individual that evaluates the associated SCMs and the permit drainage area for compliance with the permit conditions, including whether the SCM is functioning as designed, all permit requirements are being satisfied, and impervious area has not increased beyond the original permitted allowance. Renewal applications packages for permitted SCMs must be signed, sealed, and dated by a qualified professional.

### (3) Environmental Affairs Officer Responsibilities

(a) Provide project review and guidance on the requirements for submittal of PC stormwater permit applications.

(b) Provide PC stormwater permit application forms and instructions to the FAMO.

(c) Review each application for completeness and compliance with references (a) through (c), and provide comments to the FAMO. This should be documented during the NEPAPams review process.

(d) Issue PC stormwater permits to the FAMO upon completing the application review process, including any revisions. Permits shall be uniquely identified for each project or phase of a project.

(e) Maintain record documents for each PC stormwater permit for the life of the of the permit. Record documents shall include As-Built drawings, permit application and comments, O&M agreements, inspection reports, and CAPs.

(f) Program and coordinate annual inspections of all permitted SCMs. Annual SCM Inspections will be conducted by a qualified individual and will list any observed deficiencies.

(g) Submit annual inspection reports for all SCMs with deficiencies requiring repairs/additional maintenance to the FAMO.

(h) Coordinate with North Carolina Department of Environmental Quality PC stormwater program inspectors/auditors as required.

(i) Report outstanding SCM deficiencies during the annual Environmental Management Review.

(j) Provide an overview of the status of PC Stormwater Program during the annual Environmental Management Review.

4. Administration and Logistics. Questions pertaining to the content of the order should be directed to the EAD.

5. Command and Signal

- a. Command. This order is applicable to MCAS CHERPT including subordinate and tenant commands and organizations, all staff sections, and contractors.
- b. Signal. This Order is effective the date signed.



B. C. BURKS

DISTRIBUTION: A