



STORM WATER AND EROSION CONTROL CERTIFICATE

March Air Reserve Base, California

Purpose and Need for Certificate:

March Air Reserve Base (ARB) Environmental Management Flight (452 MSG/CEV) requires all construction on March ARB that will disturb the paved or unpaved areas of March ARB to include use of March ARB roadways to haul dirt or other construction materials or paved surfaces to store materials to have a Storm Water and Erosion Control Certificate **signed by a person responsible for the preparation of the certificate.** Depending upon the area disturbed, this may need to be a certified person, as stated below. The Certificate must be approved by the Chief Environmental Flight or designated person and attached to a March ARB form 103 Work/Dig Permit.

All repair, renovation, construction and service contracts must have the local March ARB, Environmental Protection Guide Specification (EPGS), modified for that project and approved by 452 MSG/CEV, contained within the contract Statement of Work or Performance Work Statement and all contractors and sub-contractors must be required to meet the specification. Self-help or military performed projects must also meet the requirements of the EPGS. These specifications require the contractor to adhere to the requirements of Federal, State, local and March rules and regulations.

This mandatory requirement is an effort to prevent violations of the Federal Clean Water Act, as amended, the California Porter Cologne Water Act as amended 2018, the California Storm Water Enforcement Act of 1998 contained within the Portage Cologne Water Act, local ordinances, and US Department of Defense and US Air Force Instructions to include AFI 32-7041, WATER QUALITY COMPLIANCE. Tenants and non-452 AMW units are responsible for any and all fines and penalties for noncompliance with environmental regulations. Penalties, as established in the California law, begin at \$5,000 for violations of not having a permit and \$1,000 for various requirements such as not filing an annual report, per day or deficiency. By completing this certificate and ensuring compliance with the above laws, the likelihood of a violation is reduced. This Certificate will accompany the March form 103, Base Work/Dig Permit Application and be approved and signed before 452 MSG/CEV will concur on the form 103.

A site plan [contained in the Erosion and Sediment Control Plan (ESCP), Water Pollution Control Plan (WPCP) or Storm Water Pollution Prevention Plan (SWPPP)] of the proposed project must be attached to this application. The plan must show nearby storm sewers and drains to which any dirt or debris might flow if unimpeded, locations of any digging required, to include depth, width and length of each dig, limits of any lay-down areas and haul roads used to move dirt or debris, a description of Best Management Practices (BMP) (e.g. gravel bag location at storm drains.) to be used during the dig to prevent the flow of dirt and debris in the event of a rain from reaching the storm sewer system, and means of preventing dust from entering the air (e.g. wetting or covering the dirt piles, or vehicles, cleaning of wheels, etc.).

The Proponent must also attach a calculation of the each area and total area to be disturbed to include any lay-down areas, roadways or access ways to be created, etc. The calculation must show the area of each separate dig area.

Instructions for Completion of Certificate: Please follow below instructions, answer questions and complete the appropriate information based on those answers. Any questions should be directed to Ms. Dung (Yung) Nguyen at 951-655-5065.

1. Enter the disturbed Area: The calculation must be made by a qualified person in accordance with the State Water Board criteria.

2. Is this a small linear utility project (>1 acre<5 acres)? ☐ Yes ☐ No (go to Page 2)

3. Is a General Permit from either the Santa Ana Regional Water Quality Control Board (SARWQCB) for a Tier I Project or from the State Water Resources Control Board (SWRCB) for a Tier II Project based on "Water Discharge Requirements For Discharges of Storm Water Runoff Associated with Small Linear Underground/Overhead Construction Projects" attached?

Yes ☐ No ☐

4. Is the Area disturbed over 1 acre? ☐ Yes ☐ No (Go to Step 6)

5. Is an ESCP or WPCP Attached? ☐ Yes ☐ No

a. The ESCP, WPCP, or SWPPP if required identifies the type and location of erosion and sediment controls/Best Management Practices (BMPs) to be provided to manage and control storm water runoff while the construction activity is taking place. Guidance on the preparation of the ESCP is found in the Environmental Protection Guide Specification.



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6. Is a SWPPP attached?

☐

Yes

☐

No

a. Guidance on the preparation of the SWPPP is found in the Environmental Protection Specification. The SWPPP must be approved by 452d MSG/CEV (if disturbance is > 1 acre) prior to the commencement of land disturbance. The Project Proponent/Subordinate Project Unit must submit a Notice of Intent (NOI) with the appropriate fee to the State Water Resources Control Board (SWRCB) for the current NPDES General Construction Permit at <http://www.waterboards.ca.gov/stormwtr/construction.html> after approval by 452 MSG/CEV.

1. https://www.waterboards.ca.gov/water_issues/programs/stormwater/construction/docs/2022-0057-dwq-with-

b. A qualified storm water professional must prepare and oversee the implementation of the SWPPP. Guidance on the preparation of the SWPPP can also be found in the most recent version of the California Storm Water Best Management Practice Handbook – Construction. Assistance with the design of BMPs can be found in the most recent version of the Riverside County Storm Water Quality Best Management Practice Design Handbook.

Regardless of the size of the construction project and the amount of land disturbance, if there is a potential for discharge of polluting substances to the March ARB storm water drainage system, actions must be taken to prevent these substances from entering the drainage system. Spills or sediment that enters the March ARB storm water drainage system can cause violations of the Base's permits and create problems in drainage channels, Canyon Lake, and Lake Elsinore downstream of the Base, making the Base and the activity at fault, liable for fines and penalties.

7. The attached certificate must be signed by the responsible official of the entity that funded the work or a person certified to sign an ESCP or SWPPP based on California law.

The project plan, calculation, design, and information comply with the all water pollution standards listed below.

☐ EISA 437 (attached hydrology report, pre- and post development drainage management plan)

☐ California General Construction NPDES Permit (current) (attached proof of permit WDID # and PRDs) at ht

☐ California General Municipal NPDES Permit (current) (attached WPCP)

☐ California General Industrial NPDES Permit (current) (attached BMP plan)

☐ Post construction BMP O&M manual, if any permanent BMP is installed

☐ Others _____ (i.e. Nutrient CASQA BMP Handbook, Riverside County FCD Manual, S



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CERTIFICATION

1. We, [Unit/Company Name], have determined that this Project: [Project Title] will involve the disturbance of [acre(s) of soil (quantity obtained through accumulation of areas disturbed)]. Documentation to support this determination is ATTACHED TO THIS CERTIFICATE AND PROVIDED WITH THE PROJECT WORK DRAWINGS [List appropriate Drawings/Documents]:

* []
* []
* []
* []

2. Select ONE option—a, b, c, or d BELOW for the Project Site:

- ☐ a. The construction site soil disturbance area is less than one acre and does not require a NPDES storm water construction permit. The activities associated with the work at this site ☐ WILL BE OR ☐ HAVE BEEN evaluated for their potential to contaminate storm water or the storm water system. The activities also do not involve Small LUPs (> 1 Acre<5 Acre). As necessary, BMPs and pollution prevention efforts appropriate for this size and type of project will be implemented in accordance with the construction Permit or the MS4 General Permit. **Attach** a project-specific Water Pollution Control Plan (WPCP)/a BMP Plan with narrative and graphics.
- ☐ b. Activities at the construction site for this Project will not change the original line and grade, hydraulic capacity, or purpose of the facility site. Small LUPs are not involved. This Project does not require a NPDES General Construction Permit. If necessary, appropriate BMPs and pollution prevention controls will be implemented in accordance with the construction Permit or the MS4 General Permit. **Attach** a project-specific Water Pollution Control Plan (WPCP)/a BMP Plan.
- ☐ c. The Project is a Small LUP involving some type of underground or overhead conveyance utilities and associated appurtenances resulting in one acre or more but less than five acres of soil disturbance. A Waste Discharge Requirements for Discharges of Storm Water Runoff Associated with Small Linear Underground/Overhead Construction Projects General Permit from either the SARWQCB (Tier I) or the SWRCB (Tier II) and a SWPPP is required.
- ☐ d. The construction site is greater than one acre, part of a common development plan exceeding one acre, or a Small Linear Underground/Overhead Project that disturbs one acre or more that requires a NPDES Storm Water General Construction Permit.

1)The appropriate General Construction Permit number is: []

2)A NOI and a Project SWPPP to comply with the provisions of the General Construction Permit and the March ARB Environmental Protection Specification must be developed. As of this date: []

- ☐ A. The SWPPP and the NOI still need to be prepared and filed; OR
- ☐ B. The permit [WDID# []] has been issued [provide a copy of the permit to the March ARB 452D MSG/CEV]; OR
- ☐ C. The SWPPP and the NOI have been prepared and submitted to the SWRCB and the March ARB 452D MSG/CEV [] days before groundbreaking is scheduled to commence.

I certify that the information submitted in association with this certificate and in the future associated with storm water management was (and will be) prepared by qualified personnel, and is to the best of my knowledge true, accurate, and complete.

PRINT NAME

TITLE

SIGNATURE

PHONE

DATE

START DATE

END DATE

Attachment to Digging Permit SWECC

Dig Permit Title/Number: _____

1. The total land disturbance is _____ SqFt. See Sheet(s): _____
2. The total impervious area **before** land disturbance is _____ SqFt
3. The total impervious area **after** land disturbance is _____ SqFt
4. Does the disturbance area drain to a storm water conveyance system? (Select YES or NO).
Describe _____

5. Description of each drainage management area (DMA) (1):

Description of the type, location, and O/M plan for the post-construction structural Best Management Practice (BMP) for the DMA 1, if any

See Sheet(s): _____

6. Description of each drainage management area (DMA) (2):

Description of the type, location, and O/M plan for the post-construction structural Best Management Practice (BMP) for the DMA 2, if any

See Sheet(s): _____

7. Description of each drainage management area (DMA) (3):

Description of the type, location, and O/M plan for the post-construction structural Best Management Practice (BMP) for the DMA 3, if any

See Sheet(s): _____

8. For land disturbance activity of one acre or more, attached proof of having coverage under the California CGP or approved waiver.

9. For land disturbance area between 2500 SqFt and one acre, show how the action does not have an adverse impact (by showing a zero net effect between pre- and post- water quality and volume).

See Sheet(s):

10. Additional Comments, if any:

Complete By: _____ Date: _____