



UNITED STATES MARINE CORPS
MARINE CORPS BASE
QUANTICO, VIRGINIA 22134-5001

MCBO 6240.2A
B 04
16 Jul 10

MARINE CORPS BASE ORDER 6240.2A

From: Commander
To: Distribution List

Subj: AIR POLLUTION EPISODE, STANDBY EMISSION REDUCTION PLAN
AND OPEN AIR BURNING POLICY

Ref: (a) MCO P5090.2A
(b) Commonwealth of Virginia, State Air Pollution Control Board (SAPCB), Regulations for the Control and Abatement of Air Pollution, 9 VAC 5 Chapter 40, PART II Emission Standards, Article 40 (Rule 4-40), Amended October 2006, and 9 VAC Chapter 70, Amended April 1999

Encl: (1) Air Pollution Episode, Standby Emission Reduction Plan
(2) Open Air Burning Policy

1. Purpose. To ensure published Base procedures are in compliance with amendments to the Commonwealth of Virginia, SAPCB regulations for the control and abatement of air pollution. These regulations include 9 VAC 5 Chapter 40, PART II Emission Standards, Article 40 (Rule 4-40), amended October 2006, and 9 VAC Chapter 70, amended April 1999.

2. Cancellation. MCBO 6240.2.

3. Summary of Revision. This revision reflects changes in Base practices (e.g., - open burning is no longer permitted at the landfill, as it is closed). Additionally, amendments to SAPCB Regulation Article 40 have been incorporated.

4. Information

a. Various types of pollutants emitting from operations at this Installation contribute to the region-wide pollution of the atmosphere. Although these pollutants are generally dispersed in the atmosphere by meteorological events, instances may arise that cause pollutants to be concentrated in a particular area. Exposure to concentrated levels of pollutants threatens the health and welfare of individuals occupying these areas.

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b. Marine Corps Base, Quantico (MCBQ) is located within Fauquier, Prince William, and Stafford Counties. Prince William County is included in the Metro D.C. Ozone Non-Attainment Region. This designation is a result of the air quality failing to meet the standards imposed by the Environmental Protection Agency. As a result of the ozone non-attainment designation, MCBQ is subject to additional regulatory programs designed to limit installation air emission sources.

c. Reference (a) requires compliance with all Federal, state and local environmental laws and regulations. Part VII of reference (b) requires the preparation of a Standby Emission Reduction Plan for all stationary sources emitting criteria air pollutants within the Commonwealth's non-attainment areas. Waste material, including trash, rubbish dunnage, garbage, construction debris, leaves, and liquid wastes are not to be burned in open fires. This plan identifies specific measures to be taken to reduce air pollution emissions from particular facilities in the event that the accumulation of air pollutants reaches a level that could cause significant harm to public health. The Virginia Department of Environmental Quality Air Regional Office (DEQ-AIR) will determine when these situations arise and notify MCBQ in the event of an air pollution episode.

d. This Command is taking a positive approach toward reducing pollutants emitted into the air by prohibiting open burning, except as authorized in enclosure (2) of this Order.

5. Action

a. Director, Facilities Division. Initiate action to implement enclosure (1) should the Virginia DEQ-AIR declare an air pollution episode involving this installation.

b. Activity Heads

(1) Dispose of waste materials in a manner consistent with current applicable laws and practices.

(2) Make personnel under your cognizance aware that open burning is prohibited except as listed in enclosure (2).

M. M. KAUZLARICH
Chief of Staff

DISTRIBUTION: A

AIR POLLUTION EPISODE,
STANDBY EMISSION REDUCTION PLAN

This Standby Emissions Reduction Plan identifies specific measures to be taken to reduce air pollution emissions from particular facilities in the event that the accumulation of air pollutants reaches a level which could cause significant harm to public health. The Virginia Department of Environmental Quality, Air Regional Office (DEQ-AIR) determines when these situations arise and notifies Marine Corps Base, Quantico (MCBQ) in the event of an air pollution episode. Should the Virginia DEQ-AIR declare an air pollution episode, the Director, Facilities Division, initiates action to implement the following emission reductions corresponding to the air pollution episode stage declared. The Commander, MCBQ ultimately retains the inherent authority to determine what operations are essential to the Base's mission and personnel.

1. Alert Stage

- a. Cease all open burning activities on Base; including those associated with fire fighting training and forest management (see enclosure 2).
- b. Terminate activities that produce smoke, dust, or chemical emissions such as spray painting, sand blasting, street sweeping, chemical processing, test firing of internal combustion engines, and exterior spraying of pesticides and herbicides.
- c. Limit motor vehicle operations, refueling of gasoline powered vehicles and deliveries of gasoline to essential operations only. Maximize the utilization of fleet vehicles that operate on compressed natural gas.
- d. Cease the routine testing of all emergency generators.
- e. Cease all non-essential use and refueling of aircraft and gasoline powered boats.
- f. Limit all grounds maintenance activities to essential operations only.
- g. Minimize the use of heavy construction equipment.
- h. Limit the use of all parts degreasers and ensure their lids remain closed when not in use.

ENCLOSURE (1)

2. Warning Stage

- a. Continue actions initiated in the Alert Stage.
- b. Reduce the firing rate of steam boilers by 25 percent, where possible, and further reduce the firing rate by additional curtailment of the use of steam.
- c. Cease all non-essential use of hot water produced by the Camp Barrett Heating Plant.
- d. Terminate all vehicle use, including aircraft, where it can be deferred without causing physical harm, hazardous conditions, or excessive economic loss.
- e. Postpone all non-essential military training.
- f. Terminate the refueling of all gasoline powered vehicles and deliveries of gasoline at all service stations and gasoline dispensing locations on the installation, except for the refueling of emergency service vehicles and those vehicles and aircraft considered essential to national security.
- g. Cease all grounds maintenance activities.
- h. Cease all non-essential use of heavy construction equipment.
- i. Make all necessary preparations to implement the requirements of the Emergency Stage of this Plan.

3. Emergency Stage

- a. Continue actions initiated in the Alert and Warning Stages.
- b. Release all non-essential personnel.
- c. Reduce processed hot water load by the boilers located at the Camp Barrett Heat Plant to the minimum necessary to protect the health and safety of personnel and to maintain the integrity of the facility.
- d. Terminate all vehicle use (including aircraft) except for vehicles required for emergency service or deemed essential to national security.

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e. Cease operations associated with the following activities:

(1) Construction and maintenance work (except that which is necessary to prevent physical harm).

(2) Laundries, cleaning services, and barber shops.

(3) Automobile repair and service activities.

(4) Amusement and recreation services, including motion picture theaters.

(5) Dependent schools, training facilities, and libraries.

ENCLOSURE (1)

OPEN AIR BURNING POLICY

1. Waste material, including trash, rubbish, dunnage, garbage, construction debris, leaves, and liquid wastes is not to be burned in open fires. These materials must be disposed in a local approved landfill. During leaf removal, leaves may be blown back into the woods where possible, but should not be relocated and dumped in concentrations. Activity heads are to ensure that personnel under their cognizance are made aware that open burning is prohibited except as listed below:

a. Fires may be used for training of fire fighters or crash crews only at designated fire training areas, such as the Marine Corps Air Facility burn pit, where the burning of propane gas in a mock fire crash rescue helicopter is used to simulate an aircraft fire; the Guadalcanal fire training area, where wood pallets are burned to simulate a building fire; or under controlled conditions reviewed and approved by the Head, Fire and Emergency Services Branch, Security Battalion. Fire fighting exercises that take place outside of designated training facilities must be coordinated with the Virginia Department of Environmental Quality, Air Regional Office.

b. Open burning of leaves, yard and garden trimmings, and similar debris is not authorized.

c. Fires may be used for ceremonies, protection of public health, and/or the prevention of fire hazards that cannot be abated by other means.

d. Open fires may be set in the course of forest and range management, when weather conditions are favorable to preclude the obstruction of visibility to vehicles and aircraft.

e. Tree wood and limbs removed for Base maintenance purposes may be stored and burned in the designated "clean wood disposal area" behind the Guadalcanal fire training area. All other waste or debris items including leaves, mulch, and lumber are not authorized in this area. In accordance with state regulations, material stored in clean wood disposal areas may not be burned during the months of May through September.

f. Open fires may be set for camp fires and cooking food in the Lunga recreational areas, provided no smoke nuisance is created, and in military training areas when conducted in concert

ENCLOSURE (2)

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with training exercises and authorized by Range Control. Camp fires and training fires are not authorized during fire danger classifications IV and V.

g. Portable heating devices may be used to provide heat for construction or other workers, provided that no smoke nuisance is created.

h. Open air incineration of classified material is only permitted when other methods of disposal are not available.

i. Stumps, trees, brush, roots, leaves, and other vegetation resulting from land clearing by Base personnel may be piled in authorized locations for open burning, provided appropriate environmental project coordination and approval has been obtained. Open burning of land clearing debris by contractors is evaluated on a case-by-case basis only, and may or may not be approved. In all cases, open burning of land clearing debris is not authorized during the months of May through September.

2. Prior to any open burning, approval must be obtained from the Head, Fire and Emergency Services Branch, Security Battalion, or the Head, Forestry Section, Natural Resources and Environmental Affairs Branch, unless prior blanket approval of such burning has been granted. Specific authorizations must be obtained from the Commander, Marine Corps Base, Quantico, for any exceptions to the open air burning policy other than listed above.

ENCLOSURE (2)