



**DEPARTMENT OF THE ARMY
U.S. ARMY INSTALLATION MANAGEMENT COMMAND
U.S. ARMY GARRISON ABERDEEN PROVING GROUND
BUILDING 4510, 6429 BOOTHBY HILL AVENUE
ABERDEEN PROVING GROUND MARYLAND 21005-5001**

AMIM-APP-E (RN 1200C)

JUL 15 2021

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Aberdeen Proving Ground Fuel Station Closure on Forecasted Air Quality Action Days

- 1. The purpose of this memorandum is to remind all activities of the Air Quality Action Days (AQADs), formerly "Ozone Action Days", occurring during the months of May through September. The AQADs occur when ground-level ozone concentrations trigger unhealthy air quality as measured by the regional Air Quality Index (AQI). The ozone-driven AQIs and their associated color codes are provided (Enclosure).**
- 2. Pumping gasoline releases volatile organic compounds (VOCs) into the air. The VOCs react with other precursor pollutants (nitrogen oxides and carbon monoxide) in direct sunlight to produce ground-level ozone. It is best to pump gas after dusk on an AQAD, or to wait for a better air quality day when lower concentrations of VOCs and other precursors for ozone formation are present.**
- 3. Harford County, due to its location in the Baltimore metropolitan area, is currently in a marginal ozone nonattainment area because the air quality does not meet the national ambient air quality standards for ozone during warmer months. The daily ozone forecast for Metro Baltimore is available at: Current and Forecasted Air Quality | Clean Air Partners. To sign up for daily email alerts and text alerts, go to <http://www.enviroflash.info/>.**
- 4. On AQADs, Logistics Readiness Center (LRC) personnel will close the government fueling station at Building 4029 in the Aberdeen Area from 0900-1500 hours on code "Orange", code "Red", code "Purple", or code "Maroon" AQADs, based on the forecasted AQI. In the event of an emergency (e.g., an emergency vehicle needs refueling between 0900-1500), please call one of the following LRC personnel to reopen the pump:**
 - a. Government Fueling Station Operator, Mr. Carlos Diaz, 410 306-1632.**
 - b. The immediate supervisor is Mr. Joseph Balum, Chief, Supply and Service Division, LRC, 410 278-3642.**

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5. During AQAD events, the Directorate of Public Works will display AQAD flags (white with an orange sunburst in the center) inside the Aberdeen Area and Edgewood Area entrance gates at Aberdeen Proving Ground.

6. The point of contact in the Directorate of Public Works, Environmental Division, Environmental Compliance Branch is Dr. Hazoor Khan, 410-306-2278, hazoor.b.khan.civ@mail.mil.

Encl



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Color Codes and Corresponding Effects

Color Code	AQI	Health Effect and Advice
Yellow (Moderate)	51 – 100	<p>Unusually sensitive groups:</p> <ul style="list-style-type: none"> - May experience cough and painful breathing - Should limit prolonged outdoor exposure - Minimize outdoor exposure 2:00pm to 6:00pm
Orange (Unhealthy for Sensitive Groups)	101 – 150	<p>Sensitive groups (i.e., children, adults active outdoors, people with respiratory disease):</p> <ul style="list-style-type: none"> - May experience cough and painful breathing and poor lung function - Should limit prolonged outdoor exposure - Minimize outdoor exposure 2:00pm to 6:00pm
Red (Unhealthy)	151 – 200	<p>Sensitive groups:</p> <ul style="list-style-type: none"> - May experience cough, painful breathing and poor lung function - Should avoid prolonged outdoor exposure <p>Everyone else:</p> <ul style="list-style-type: none"> - May experience cough, painful breathing, and poor lung function - Should limit prolonged outdoor exposure - Minimize outdoor exposure 2:00pm to 6:00pm
Purple (Very Unhealthy)	201 – 300	<p>Sensitive groups:</p> <ul style="list-style-type: none"> - Avoid all physical activity outdoors - Keep quick-relief medicine available <p>Everyone else:</p> <ul style="list-style-type: none"> - Limit prolonged outdoor exposure.
Maroon (Hazardous)	301 – 500	<p>Sensitive groups: Remain indoors and keep activity levels low.</p> <p>Everyone: Avoid or limit all outdoor activity.</p>