



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

1595 Wynkoop Street
DENVER, COLORADO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

Ref: 8ENF-W

MAR 17 2017

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Corporation Service Company
1821 Logan Avenue
Cheyenne, Wyoming 82001

Mr. John Knoll, Operations Compliance Specialist
Exxon Mobil Shute Creek Gas Plant
P. O. Box 1300
Kemmerer, Wyoming 83101

RE: Emergency Administrative Order under Section 1431 of the Safe Drinking Water Act,
Exxon Mobil Shute Creek Gas Plant Public Water System, PWS ID #5600919,
Docket No. SDWA-08-2017-0009

Dear Sir/Madam and Mr. Knoll:

Enclosed is an Emergency Administrative Order (Order) issued by the U.S. Environmental Protection Agency (EPA) to the Exxon Mobil Corporation (Company) under section 1431 of the Safe Drinking Water Act (Act), 42 U.S.C. § 300i. The EPA has determined that conditions exist at the Exxon Mobil Shute Creek Gas Plant Public Water System (System) that may present an imminent and substantial endangerment to the persons served by the System. The EPA has made this determination based on notification that there is very high turbidity in the System's finished water due to high raw water turbidity in the Green River drainage.

Pursuant to the authorities cited herein, the EPA is authorized to take actions necessary to protect human health. The enclosed Order sets forth requirements to ensure provision of safe drinking water to those served by the System. The System is required to: provide an alternate source of water; issue a boil water advisory and public notice until notified by EPA to discontinue; flush and disinfect the distribution system and storage tanks; and take additional total coliform bacteria samples, among other requirements. The penalties for failing to comply are set forth in the Order.



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If you have any questions or wish to discuss this Order, please contact Olive Hofstader at (800) 227-8917 extension 6467 or 303-312-6467. Any questions from counsel for the Company should be directed to Mia Bearley, Enforcement Attorney, at the above 800 number, extension 6554, or at (303) 312-6554.

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in blue ink, appearing to read "Arturo Palomares", with a stylized flourish at the end.

Arturo Palomares, Director
Water Technical Enforcement Program
Office of Enforcement, Compliance
and Environmental Justice

Enclosures

Emergency Administrative Order

cc: Missy Haniewicz, EPA Regional Hearing Clerk
Ms. Tommee Lambert, Regulatory and Environmental Tech Foreman (via email)
WY DEQ/DOH



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

2017 MAR 17 PM 4:27

IN THE MATTER OF)
)
Exxon Mobil Corporation,)
Shute Creek Gas Plant PWS)
PWS ID 5600919)
)
Respondent.)
_____)

Docket No. SDWA-08-2017-0009

FILED
EPA REGION VIII
HEARING CLERK

EMERGENCY ADMINISTRATIVE ORDER

AUTHORITY

1. This Emergency Administrative Order (Order) is issued by the U.S. Environmental Protection Agency (EPA) pursuant to the authority of section 1431(a) of the Safe Drinking Water Act (Act), 42 U.S.C. § 300i(a). The undersigned officials have been properly delegated this authority.
2. Failure to comply with this Order may result in civil penalties of up to \$22,906 per day. 42 U.S.C. § 300i(b); 40 C.F.R. part 19.
3. EPA may issue an order pursuant to section 1431(a) of the Act, 42 U.S.C. § 300i(a), when certain conditions exist which may present an imminent and substantial endangerment to the health of humans, and other state or local authorities have not acted, or do not have the authority to act, to protect human health.
4. Exxon Mobil Corporation (Respondent) is a company and therefore a “person” as that term is defined in the Act. 42 U.S.C. § 300f (12).
5. Respondent owns and/or operates the Exxon Mobil Shute Creek Gas Plant Public Water System (System) located in Lincoln County, Wyoming, which provides water to the public for human consumption.
6. The System is supplied by a surface water source which is treated with cartridge filtration, preceded by adequate pretreatment, and is classified as alternative filtration. The System also provides disinfection using sodium hypochlorite.
7. The System has approximately 10 service connections and/or regularly serves approximately 250 of the same individuals daily for at least six months out the year. Therefore, the System is a “public water system” as defined in section 1401(4) of the Act, 42 U.S.C. § 300f (4). The System is also a “non-transient, non-community” water system as defined in 40 C.F.R. § 141.2.
8. Prior to issuing this Order, EPA consulted with the System and State and/or local governmental authorities to confirm the facts stated in this Order and to confirm that State and local governments are unable to act to protect public health in this instance.

9. EPA has determined that conditions exist at the System that may present an imminent and substantial endangerment to the health of humans, based on the facts indicated below. EPA has determined that this Order is necessary to protect public health.

10. Due to significant snowfall in the Green River drainage area in December 2016 through February 2017 and the current warm temperatures, the Green River and its tributaries are experiencing flooding and significantly elevated raw water turbidity levels. On March 16, 2017, Respondent notified EPA that the filtered potable water turbidity exceeded the monthly 95% turbidity limit of 1 Nephelometric Turbidity Units (NTUs). 40 C.F.R § 141.551(a).

11. Respondent notified EPA on March 17, 2017, that the filtered potable water turbidity exceeded the maximum turbidity limit of 5 NTUs. 40 C.F.R § 141.551(b).

12. High levels of turbidity increase the chance that the drinking water may be contaminated with disease-causing organisms, such as cryptosporidium, giardia, and *E. coli*.

13. During a telephone call on March 17, 2017, Respondent advised EPA that it has notified all employees to not drink the water due to high turbidity levels and that bottled water is available. On March 17, 2017, EPA provided the Respondent with a public notice template for a boil water advisory.

ORDER

INTENT TO COMPLY

14. Within 24 hours of receipt of this Order, Respondent shall notify EPA in writing of its intention to comply with the terms of this Order. Notification by e-mail to the EPA point of contact identified below is acceptable.

BOIL ORDER AND PUBLIC NOTICE

15. Upon receipt of this Order, Respondent shall notify the public of the problem described in this Order and distribute a boil water advisory. Directions on how to distribute the public notice and on the required content for the public notice and advisory are included in the public notice template enclosed with this Order. Respondent shall submit a copy of the notice to EPA within 24 hours of its distribution. Respondent shall continue the public notice until EPA provides written notification to discontinue public notice. Respondent must carry out the public notice and other notice requirements that EPA directs. Respondent must comply with this requirement in any future high turbidity event or any similar emergency situation.

ALTERNATE WATER SUPPLY

16. Using the public notice required in paragraph 15 above, Respondent shall notify the public that an alternative potable water supply is available. Respondent shall provide at least two liters of potable water daily per person at a central location that is accessible to all persons served

by the System. Respondent may also opt to provide an alternate water supply that is either 1) provided by a licensed water distributor, 2) purchased bottled water, or 3) provided by another public water system that meets the requirements of the Drinking Water Regulations. Any alternate water supply shall be made available at no cost to all users of the System, as needed, for drinking and cooking until water service is restored to affected users of the System.

DISTRIBUTION SYSTEM DISINFECTION AND MONITORING REQUIREMENTS

17. Once the System's combined filter effluent (CFE) turbidity is less than 1 NTU (post-cartridge filtration), Respondent shall disinfect and flush the System, including disinfection of the distribution system and any storage tanks that are part of the system.

18. Within 24 hours after disinfecting and flushing the System as required by paragraph 17, above, Respondent shall collect consecutive daily (one sample per day) special purpose samples (defined in 40 C.F.R. § 141.21(a)(6)) from the System's distribution system. Respondent shall ensure that each sample is analyzed for total coliform and *E.coli*.

19. After Respondent receives written notification from EPA that it may discontinue daily bacteriological sampling, Respondent must collect weekly bacteriological samples (one sample per week) to determine compliance with the total coliform maximum contaminant level as stated in 40 C.F.R. § 141.63.

20. After Respondent receives written notification from EPA that it may discontinue weekly total coliform sampling, Respondent shall thereafter resume monthly total coliform sampling as required by 40 C.F.R. § 141.853-857.

21. Respondent shall monitor and report the System's chlorine residual at the same time and same location as all special and routine total coliform samples.

22. Respondent shall remain obligated to comply with all applicable requirements of 40 C.F.R. part 141.

23. Respondent shall collect all total coliform sampling at sites that are representative of water throughout the distribution system according to the System's Sample Siting Plan. Additionally, Respondent shall report all sampling results to EPA by telephone, email or fax immediately upon (i.e., as soon as practicable, and in no event more than 24 hours after) receiving the results.

24. EPA may require Respondent to increase turbidity, total coliform and chlorine residual sampling at any time while this Order is in effect.

REPORTING

25. Respondent must give weekly updates to EPA on progress of monitoring turbidity, disinfecting and flushing the distribution system and storage tanks, monitoring total coliform and residual chlorine, as well as any other treatment changes made. Weekly updates must be submitted to EPA until EPA notifies the System that reports may be discontinued. These reports may be submitted via phone, fax, or e-mail.

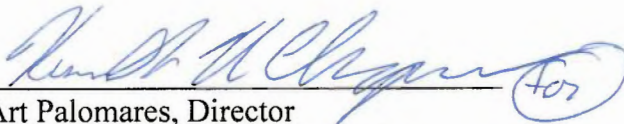
26. Any notices or reports required by this Order to be submitted to EPA shall be submitted to:

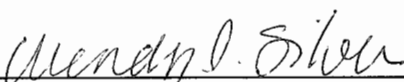
Olive Hofstader, 8ENF-SDW
US Environmental Protection Agency
1595 Wynkoop Street
Denver, Colorado 80202-1129
Telephone (800)227-8917, ext. 6467, or (303) 312-6467
Fax (303) 312-7518
e-mail: hofstader.olive@epa.gov

27. This Order does not relieve Respondent from complying with any applicable federal, state, or local law.

28. This Order constitutes final agency action. Respondent may seek federal judicial review of this Order under section 1431 of the SDWA, 42 U.S.C. § 300(i), pursuant to section 1448(a) of the SDWA, 42 U.S.C. 300j-7(a).

29. Issued and effective this 17th day of March, 2017.


Art Palomares, Director
Water Technical Enforcement Program
Office of Enforcement, Compliance
and Environmental Justice

for 
James H. Eppers, Supervisory Attorney
Regulatory Enforcement Unit
Legal Enforcement Program
Office of Enforcement, Compliance
and Environmental Justice