

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5

IN THE MATTER OF:)	
)	
CITGO Petroleum Corp.)	FINDING OF VIOLATION
Lemont, IL)	
)	EPA-5-99-IL-28
Proceedings Pursuant to)	
the Clean Air Act,)	
42 U.S.C. §§ 7401 <u>et seq.</u>)	
)	

Finding of Violation

The United States Environmental Protection Agency (U.S. EPA) finds that CITGO Petroleum Corporation (CITGO) is violating Section 112 of the Clean Air Act, 42 U.S.C. § 7412. Specifically, CITGO is violating the National Emission Standard for Hazardous Air Pollutants (NESHAP) for Benzene Waste Operations at 40 C.F.R. part 61, subpart FF as follows:

Regulatory Authority

1. The NESHAP for Benzene Waste Operations applies to petroleum refineries.
2. The NESHAP, at 40 C.F.R. § 61.340, requires the owner or operator of a petroleum refinery to determine the total annual benzene (TAB) quantity in its waste and to remove or destroy the benzene in the waste if the TAB is greater than 10 megagrams per year (Mg/yr).
3. The NESHAP, at 40 C.F.R. § 61.357(d)(2) and § 61.357(d)(5), requires the owner or operator of a petroleum refinery with a TAB quantity equal to or greater than 10 Mg/yr to submit to the Administrator, a report that summarizes the regulatory status of each subject waste stream as follows: (1) the TAB quantity from facility waste, determined in accordance with the test methods and procedures of the NESHAP; (2) for each waste stream subject to the NESHAP, a table identifying whether or not the waste stream will be controlled for benzene emissions in accordance

with the NESHAP; and (3) for each waste stream identified as not being controlled for benzene emissions, the table must indicate: (i) whether or not the water content of the waste stream is greater than 10 percent; (ii) whether or not the waste stream is a process wastewater stream, product tank drawdown, or landfill leachate; (iii) annual waste quantity for the waste stream; (iv) range of benzene concentrations for the waste stream; (v) annual average flow-weighted benzene concentration for the waste stream; and (vi) annual benzene quantity for the waste stream.

CITGO Petroleum Corporation's Facility

4. CITGO Petroleum Corporation owns and operates a petroleum refinery located at 135th St and New Ave, Lemont, IL.
5. CITGO Petroleum Corporation's Lemont, Illinois, Facility is subject to the requirements at 40 C.F.R. § 61.340.

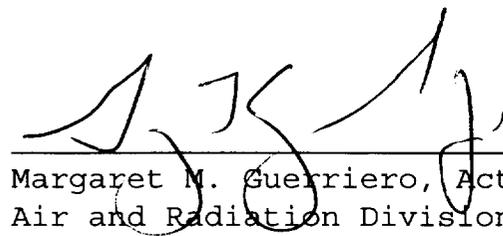
Violations

6. Citgo did not include an estimate of the total annual benzene (TAB) value on its Subpart FF submittals for calendar years 1993 through 1997, in violation of 40 C.F.R. § 61.357(d)(5).
7. Citgo did not include numerous waste streams on its annual submittals for calendar years 1993 to 1996, in violation of 40 C.F.R. § 61.357(d)(5).
8. Citgo did not report the correct range of benzene concentrations for the crude desalter stream on its Subpart FF submittals from 1993 to 1997, in violation of 40 C.F.R. § 61.357(d)(5).
9. Citgo did not make an entry for spent cresylate caustic, which is sent off-site for regeneration or resale, on its Subpart FF submittal for 1997, in violation of 40 C.F.R. § 61.342(a)(2) and § 61.342(e)(2)(I).
10. Citgo did not report spent sulfidic caustic, which is sent off-site after use, on the Subpart FF submittals for calendar years 1993 to 1997, in violation of 40 C.F.R. § 61.342(a)(2) and § 61.342(e)(2)(I).

11. Citgo did not report waste streams generated as a result of remediation activities on its Subpart FF submittals for calendar years 1993 through 1998, in violation of 40 C.F.R. § 61.357(d)(5).

12. Citgo has exceeded the TAB allowed under the 6 megagram per year (Mg/yr) alternative compliance option chosen by the company for calendar years 1993 to 1998, in violation of 40 C.F.R. § 61.342(e).

6/24/99
Date


FED
Margaret M. Guerriero, Acting Director
Air and Radiation Division

CERTIFICATE OF MAILING

I, Betty Williams, certify that I sent the attached Finding of Violation by Certified Mail, Return Receipt Requested, to:

Claude Harmon, Environmental Manager
CITGO Petroleum Corporation
Lemont Refinery
135th St and New Ave
Lemont IL 60439

I also certify that I sent copies of the Finding of Violation by first class mail to:

David Kolaz, Chief
Compliance and Systems Management Section
Bureau of Air
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, Illinois 62702

James N. Cahan, Esq.
Sidley & Austin
One First National Plaza
Chicago, Illinois 60603

on the 28th day of June, 1999.


Betty Williams, Secretary
AECAS, (IL/IN)

CERTIFIED MAIL RECEIPT NUMBER: P140 779147