

PPC 9495.1986(03)

BURNING USED OIL IN SPACE HEATERS,  
INDUSTRIAL FURNACES, AND BOILERS

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

FEB 13 1986

Mr. Don Igenfritz  
Sales Administrator and  
Special Projects  
Paul's Heating/Construction Company  
P.O. Box 1455  
Fairbanks, Alaska 99707

Dear Mr. Igenfritz:

Karen Brown, the Environmental Protection Agency's (EPA's) Small Business Ombudsman, asked me to respond to your January 15, 1986 letter on used oil regulations. The answers to your questions are based on the rules issued on November 29, 1985 (40 CFR Part 266, Subpart E):

First, Service stations, repair shops, etc., are allowed to burn used oil they generate on-site (or which they accept from household, "do-it-yourselfer" oil changers) in used oil space heaters without analysis of the oil. To answer your second question, however, when used oil from other businesses is accepted (i.e., not from household "do-it-yourselfers") from off-site, it cannot be burned in a space heater unless it meets the EPA Fuel Specification, and analysis would be required.

Finally, the North Star Borough can burn the used oil produced at their site (or accepted from "do-it-yourselfers") in either a used oil space heater or an industrial boiler without analysis. If the Borough plans to simply burn the used oil in its normal heating boilers, however, the used oil must meet the EPA Fuel Specification and analysis would be required. For your information, I have enclosed a copy of the EPA Used Oil Fuel Specification. Please be advised that used oil mixed with hazardous waste, such as spent cleaning solvent, is subject to the hazardous waste rules and those rules do not allow burning in space heaters at all.

RO 12565

For further information, call me at (202) 382-7917.

Sincerely,

Michael Petruska  
Environmental Protection Specialist  
Waste Combustion Program

Enclosure

cc: Karen Brown (A-149C)  
Steve Silverman (LE-132S)

bcc: Karen Walker

EPA Used Oil Fuel Specification

Constituent/property	Allowable level
<i>ff ~ ff</i>	
<i>fff</i>	
Arsenic.....	≥ 5 ppm maximum.
Cadmium.....	≥ 2 ppm maximum.
Chromium.....	≥ 10 ppm maximum.
Lead.....	≥ 100 ppm maximum.
Flash Point.....	≥ 100 °F minimum.
Total Halogens.....	≥ 4,000 ppm maximum.
<i>ff; ffffffffffffffffffffffffffffffffffffff</i>	
<i>fff</i>	