## APPENDIX B
## REQUIREMENTS FOR ON-SPECIFICATION USED OIL FUEL

**USED OIL:**. Burning of on-specification used oil is allowed at this facility in accordance with all other conditions of this permit and the following conditions:

a. On-specification Used Oil Allowed as Fuel: This permit allows the burning of used oil fuel meeting EPA "on-specification" used oil specifications, with a maximum sulfur content of 1 % percent by weight, and a PCB concentration of less than 50 ppm. Used oil that does not meet the specifications for on-specification used oil shall not be burned at this facility.

On-specification used oil shall meet the following specifications:[40 CFR 279, Subpart B.]

| Constituent / Property | Allowable Level |
|---|---|
| Arsenic | 5 ppm, maximum |
| Cadium | 2 ppm, maximum |
| Chromium | 10 ppm, maximum |
| Lead | 100 ppm, maximum |
| Flash point | 100 °F, minimum |
| Total halogens | 1000 ppm, maximum |

b. Lead Emissions Limited: The maximum quantity of lead that may be emitted as a result of burning used oil is 1200 pounds in any consecutive 12-month period.

c. Used Oil Containing PCBs Not Allowed: Used oil containing a PCB concentration of 50 or more ppm shall not be burned at this facility. Used oil shall not be blended to meet this requirement.

d. PCB Concentration of 2 to less than 50 ppm: On-specification used oil with a PCB concentration of 2 to less than 50 ppm shall be burned only at normal source operating temperatures. On-specification used oil with a PCB concentration of 2 to less than 50 ppm shall not be burned during periods of startup or shutdown.

Before accepting from each marketer the first shipment of on-specification used oil with a PCB concentration of 2 to 49 ppm, the owner or operator shall provide each marketer with a one-time written and signed notice certifying that the owner or operator will burn the used oil in a qualified combustion device and must identify the class of combustion device. The notice must state that EPA or a RCRA-delegated state agency has been given a description of the used oil management activities at the facility and that an industrial boiler or furnace will be used to burn the used oil with a PCB concentration of 2 to 49 ppm. The description of the used oil management activities may be submitted to the Administrator, Hazardous Waste Regulation Section, Florida Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, FL 32399-2400. [40 CFR 279.61 and 761.20(e)]

e. Certification Required: The owner or operator shall receive from the marketer, for each load of used oil received, a certification that the used oil meets the specifications for on-specification used oil and contains a PCB concentration of less than 50 ppm. This certification shall also describe the basis for the certification, such as analytical results.

Used oil to be burned for energy recovery is presumed to contain quantifiable levels (2 ppm) of PCB unless the marketer obtains analyses (testing) or other information that the used oil fuel does not contain quantifiable levels of PCBs. Note that a claim that used oil

does not contain quantifiable levels of PCBs (that is, that the used oil contains less than 2 ppm of PCBs) must be documented by analysis or other information. The first person making the claim that the used oil does not contain PCBs is responsible for furnishing the documentation. The documentation can be tests, personal or special knowledge of the source and composition of the used oil, or a certification from the person generating the used oil claiming that the used oil contains no detectable PCBs.

f. Testing Required: If the owner or operator does not receive certification from the marketer as described above, the owner or operator shall sample and analyze each batch of used oil to be burned for the following parameters:

Arsenic, cadmium, chromium, lead, total halogens, flash point, PCBs*, and percent sulfur content by weight, ash, and BTU value (BTU per gallon).

Testing (sampling, extraction and analysis) shall be performed using approved methods specified in EPA Publication SW-846 (Test Methods for Evaluating Solid Waste, Physical/Chemical Methods), latest edition.
* Analysis for PCBs is not required if a claim is made that the used oil does not contain quantifiable levels of PCBs.

If the owner or operator relies on certification from the marketer as described above, the owner or operator shall, at a minimum, each calendar quarter, sample one load of used oil received, selected at random by the owner or operator, and analyze the sample for the above parameters.

If the analytical results show that the used oil **does not meet** the specification for on-specification used oil, or that it contains a PCB concentration of **50 ppm or greater**, the owner or operator shall:

a) immediately notify the Air Facilities Section, DERM;
b) provide the analytical results for the above parameters; and
c) indicate the proposed means of disposal of the used oil.

g. Record Keeping Required: The owner or operator shall obtain, make, and keep the following records related to the use of used oil in a form suitable for inspection at the facility by the Department: [40 CFR 279.61 and 761.20(e)]

(1) The gallons of on-specification used oil received and burned each month. (This record shall be completed no later than the fifteenth day of the succeeding month.)
(2) The total gallons of on-specification used oil burned in the preceding consecutive 12-month period. (This record shall be completed no later than the fifteenth day of the succeeding month.)
(3) The name and address of all marketers delivering used oil to the facility.
(4) Copies of the marketer certifications, if obtained, and any supporting information.
(5) Documentation that the used oil contains less than 2 ppm PCBs, if claimed, including the name and address of the person making the claim.
(6) Results of the analyses required above.
(7) A copy of the notice to EPA and a copy of the one-time written notice provided to each marketer.
(8) The total amount of lead emitted from burning used oil each month (calculated from the amount burned, the specific gravity of the used oil and the

concentration of lead in the used oil), and the total amount of lead emitted in the preceding consecutive 12-month period. (This record shall be completed no later than the fifteenth day of the succeeding month.)

The owner or operator shall submit, with the Annual Operation Report form, the analytical results and the total amount of on-specification used oil burned during the previous calendar year.

[Rules 62-4.070(3) and 62-213.440, F.A.C., 40 CFR 279 and 40 CFR 761, unless otherwise noted]