Division of Waste Management and Radiation Control

USED OIL TRANSPORTER PERMIT

Permittee Name:	**EnviroServe Inc.**
Permittee Corporate Mailing Address/Phone:	7640 Whipple Ave NW North Canton, Ohio 44720 (330) 966-0910 (Office)
Corporate Administrative Contact:	Michael McBride Senior Vice President, Industry Unit Leader (801) 944-6600-5332 (Cell) Email: mikemcbride@savageservices.com
Permittee Utah Facility Address:	1000 West Center Street North Salt Lake, Utah 84054
Utah Facility Contact:	Trent Heffern, Operations Manager (801) 599-5837 (Cell) Email: trentheffern@enviroserve.com
Type of Permit:	**Used Oil Transporter Permit**
Permit #:	**UOP-0XXX**
Original Date of Issuance:	**[Date]**
EPA ID #:	**OH0000333336**

Signature: _____ Date: _____

Ty L. Howard, Director
Division of Waste Management and Radiation Control

I.A. Effect of Permit

I.A.1. EnviroServe Inc. (hereafter referred to as "Permittee") is hereby authorized to operate as a Used Oil Transporter in accordance with all applicable requirements of R315-15 of the Utah Administrative Code (UAC) and of the Used Oil Management Act (the Act) 19-6-701 et. seq., Utah Code Annotated and this Permit.

I.A.2. This Permit shall be effective for a term not to exceed ten years in accordance with the requirements of R315-15-15 UAC.

I.A.3. Attachments incorporated by reference are enforceable conditions of this Permit, as are documents incorporated by reference into the attachments. Language in this Module I and Module II of this Permit supersedes any conflicting language in the attachments or documents incorporated into the attachments.

I.B. Permit Revocation

I.B.1. Violation of any permit condition or failure to comply with any provision of the applicable statutes and rules may be grounds for enforcement actions, including revocation of this Permit. The Director of the Division of Waste Management and Radiation Control (Director) shall notify the Permittee in writing of his intent to revoke this Permit.

I.C. Permit Modification

I.C.1. The Permittee shall request modifications to any item or activity covered by this Permit by submitting a written permit modification request to the Director. If the Director determines the modification request is substantive, a public hearing, a 15-day public comment period or both may be required before any action on the modification request may be taken. Implementing a substantive modification prior to the Director's written approval constitutes a violation of the Permit and may be grounds for enforcement action or permit revocation.

I.C.2. The Permittee shall notify the Director in writing of any non-substantive changes, such as changes to the contact person, within 20 days of the change.

I.C.3. The Director may modify this Permit as necessary to protect human health and the environment, because of statutory or regulatory changes or because of operational changes affecting this Permit.

I.D. Spill Prevention, Emergency Controls and Maintenance

I.D.1 The Permittee shall maintain and operate all used oil transportation vehicles and associated equipment to minimize the possibility of fire, explosion or sudden or non-sudden release of used oil to the air, ground, soil, surface and groundwater and sewer systems.

I.D.2. In the event of a release of used oil, the Permittee shall comply with the Emergency Controls and reporting requirements specified in R315-15-9 UAC and the Permittee's Emergency Spill Plan in Attachment 1.

I.E. Prohibited Waste

I.E.1. Used oil that has been mixed with hazardous waste as defined by R315-261 UAC or PCBs as defined by R315-301-2(53) UAC shall no longer be managed as used oil and shall be subject to applicable hazardous waste and PCB-contaminated waste rules.

I.E.2. Used oil shall not be stored in tanks, containers, or storage units that previously stored hazardous waste unless these tanks, containers and storage units have been cleaned in accordance with R315-261-7 UAC.

I.E.3. The Permittee shall not place, manage, discard, or otherwise dispose of used oil in any manner other than specified in R315-15-1.3 UAC.

I.E.4. Used oil with a halogen content greater than 4000 ppm is a hazardous waste as defined by R315-261 UAC and may not be managed as a used oil.

I.F. Transportation Operations

I.F.1. The Permittee is authorized to transport and deliver used oil with PCB concentrations less than 50 mg/kg (ppm) to another permitted used oil transporter, transfer facility, processor/re-refiner or used oil burner in accordance with the requirements of R315-15 UAC, and this Permit. Used dialectic oil or other oils containing PCBs at concentrations ≥ 2 and < 50 ppm are also subject the applicable requirements of 40 CFR Part 761.

I.F.2. The Permittee shall not accept for transport used oil or oily water, subject to R315-15 UAC that contain halogens at concentrations ≥ 1000 ppm and < 4000 ppm for transport with the following exceptions:

I.F.2.a. The Permittee or the generator of the used oil has successfully rebutted the presumption as defined in Permit Condition II.D, that the used oil has not been mixed with any halogenated hazardous wastes in accordance with the analytical requirements of Attachment 2 (Analysis Plan).

I.F.2.b. The Permittee collects the used oil from a Very Small Quantity Generator (VSQG).

I.F.3. The Permittee shall manage mixtures of used oil and water (oily water) as "used oil" if the oily water is destined to be delivered to a facility that will recover and recycle the oil in the oily water.

I.F.4. The Permittee shall have laboratory analytical data that certifies the PCB content of used dielectric oils from transformers and other high voltage devices is less than 50 ppm prior to transferring the oil into the Permittee's vehicles in accordance with the requirements of R315-15-18(1) and Attachment 2 (Analysis Plan).

I.F.4.a. The Permittee may submit a request to the Director for an Emergency Control Variance, as allowed by R315-15-9.2 UAC, to the requirements of Permit Condition I.F.4 if the Permittee is responding to a release of used dielectric oil that requires the immediate removal to protect human health or the environment.

I.F.5. The Permittee shall not store used oil in Utah longer than 24 hours without first obtaining a transfer facility or processor permit for that storage location. This includes storing used oil in vehicles at loading and unloading docks, and other parking areas.

I.F.5.a. The Permittee shall notify the Division by telephone at (801) 536-0200 or submit a notification electronically by email to dwmrcsubmit@utah.gov, if the 24-hour storage is exceeded due to mechanical failure of the Permittee's transportation vehicle prior to exceeding the 24-hour storage requirement.

I.G. Record Retention

I.G.1. The Permittee shall maintain all applicable used oil records required by R315-15 UAC and this Permit at the Permittee's facilities located at 1000 West Center Street, North Salt Lake, Utah.

I.G.2. All records shall be readily accessible for review by representatives of the Director. Records may be in a hard copy or electronic format. Records shall be maintained for a minimum of three years.

I.H. Tracking

I.H.1. The Permittee shall keep a written record which documents the acceptance, transport, and delivery of used oil collected from generators, used oil transporters, transfer facilities, off-specification burners, and processors. Acceptance and delivery transport records shall take the form of a log, invoice, manifest, bill of lading or other shipping document.

I.H.1.a. The Permittee shall create a new acceptance and delivery records for internal transfers between transportation vehicles owned by the Permittee's.

I.H.2. The acceptance records shall include all the information listed in Table I.H.2. and additionally, the halogen content in accordance Permit Condition I.H.2.a.

I.H.2.a. The halogen content from screening tests, analytical laboratory testing, or generator knowledge shall be documented on the used oil record/bill of lading at each used oil collection location prior to loading for transportation. The halogen content determination method (i.e., testing or generator knowledge) shall be documented on the shipping document with the halogen concentration in accordance with Attachment 3 (Procedures for Recording Halogen Content on Shipping Documents).

I.H.3. The delivery records shall include all information listed in Table I.H.3.

Table I.H.2. – Information Required for Acceptance Records

Acceptance Record Required Information	
a.	The Permittee's name, address, EPA identification number, vehicle designation number and driver's name.
b.	The date and the quantity of the used oil accepted for transport. Shipments of containerized used oil should also record the type and number of containers (i.e., drums or totes) accepted.
c.	The name and address of the generator, used oil transporter, transfer facility, off-specification burner, or processor of the used oil.
d.	When used oil is accepted at a rural location (no formal street address) the acceptance record shall include both the GPS coordinates where the used oil was picked up and the generators corporate address.
e.	The EPA identification number for the generator (if applicable), used oil transporters, transfer facilities, off-specification burners, and processors.
f.	The signature of the representative of the generator, used oil transporter, transfer facility, off-specification burner, or processor dated the day of acceptance of the used oil for transporter.
g.	Intermediate rail transporters are not required to sign the record of acceptance.

Table I.H.3. – Information Required for Delivery Records

Delivery Record Required Information	
a.	The Permittee's name, address, EPA identification number, vehicle designation number and driver's name.
b.	The date and the quantity of the used oil delivered to the receiving facility or transporter.
c.	Records shall include the type and number of used oil containers (i.e., drums or totes) delivered.
d.	The name and address of receiving facility or transporter.
e.	When used oil is delivered to a rural location (no formal street address) the delivery record shall include both the GPS coordinates where the used oil delivered and the facility's or transporter's corporate address.
f.	The EPA identification number of the facility or transporter.
g.	The signature of a representative of the receiving facility or transporter dated the day of delivery or transfer.
h.	Intermediate rail transporters are not required to sign the delivery record.

I.I. Sampling and Analysis Determination

I.I.1. The Permittee shall collect and analyze samples of used oil in accordance with requirements of Attachment 2 (Analysis Plan) and Attachment 4 (Sample Collection Procedures) when conducting used oil sampling and analytical testing to meet the requirements of R315-15 UAC and this Permit.

I.J. Waste Disposal

I.J.1. The Permittee shall properly characterize used oil waste related material to determine if the wastes are hazardous or non-hazardous in accordance with R315-15-8 UAC and manage accordingly.

I.J.2. The Permittee shall maintain records showing characterization, handling and disposal of waste generated.

I.K. Liability and Financial Requirements

I.K.1. The Permittee shall maintain general liability and sudden used oil third-party environmental pollution liability coverage for the Permittee's operations as required by R315-15-10 UAC.

I.K.2. The Permittee shall provide documentation of financial responsibility, environmental pollution legal liability and general liability coverage annually to the Director for review and approval by March 1 of each reporting year on the Used Oil Transporter Annual Report Form UO 004.

I.K.3. The Permittee shall provide documentation of financial responsibility, environmental pollution legal liability and general liability coverage to the Director upon request.

I.K.3.a. The Permittee shall notify the Director immediately of any changes to the extent and type of liability coverage in accordance with R315-15-10 UAC.

I.L. Used Oil Handler Certificate

I.L.1. The Permittee shall maintain a current used oil handler certificate issued by the Director in accordance with R315-15-13.8 UAC. The Permittee shall pay the used oil handler fee for transporters, pursuant to Utah Code 63J-1-504, by December 31 of each calendar year to receive certification for the upcoming calendar year.

I.M. Inspection and Inspection Access

I.M.1. Any duly authorized employee of the Director may, at any reasonable time and upon presentation of credentials, have access to and the right to copy any records relating to used oil and to inspect, audit or sample. The employee may also make record of the inspection by photographic, electronic, audio, video, or any other reasonable means to determine compliance.

I.M.2. An authorized employee may collect used oil, soil, groundwater, or surface water samples to evaluate the facility's compliance.

I.M.3. Failure to allow reasonable access to the property by an authorized employee may constitute "denial of access" and may be grounds for enforcement action or permit revocation.

I.N. Annual Report

I.N.1. As required by R315-15-13.4 UAC, the Permittee shall submit an annual report of its used oil activities for the calendar year on Used Oil Annual Report Form UO-004, to the Director, by March 1 of the year following the reported activity.

I.O. Other Laws

I.O.1. Nothing in this Permit shall be construed to relieve the Permittee of the obligation to comply with any Federal, State, or local law.

I.P. Enforceability

I.P.1. Violations documented through the enforcement process pursuant to Utah Code Annotated 19-6-112 may result in penalties in accordance with R315-102 UAC.

I.Q. Effective Date

I.Q.1. The permit is effective on the date of signature by the Director.

II.A. Transport Vehicle Requirements

II.A.1. The Permittee shall only transport used oil in the types of vehicles listed in Table II.A.

Table II.A: Vehicle Description

Type of Vehicle	Used Oil Maximum Capacity (gallons)
Vacuum Tanker	2,500
Box Truck	1,200

II.A.2. All bulk used oil transport vehicles operated by the Permittee shall have the words "USED OIL" on both sides of the transport vehicle in a contrasting color that is distinguishable from the background color and at least three inches tall when transporting or storing used oil. Individual containers of used oil shall be labeled as "Used Oil".

II.A.3. All Permittee's vehicles which transport used oil shall have a copy of the Permittee's Emergency Spill Plan (Attachment 1) in the vehicle.

II.A.4. The Permittee shall maintain Emergency Spill Cleanup materials in all vehicles used to transport used oil as specified in Attachment 1 (Emergency Spill Plan).

II.B. Used Oil Loading and Unloading Requirements

II.B.1. The Permittee shall determine if the halogen content is less than 1,000 ppm prior to loading the used oil in accordance with Attachment 2 (Analysis Plan). The result shall be recorded on the transportation document in accordance with Attachment 3 (Procedures for Recording Halogen Content on Shipping Documents).

II.B.2. The Permittee shall secure the vehicle by positioning wheel chocks and applying the emergency brakes before loading or unloading used oil.

II.B.3. The Permittee shall inspect all used oil collection equipment, if applicable (e.g., vehicles and associated pumping equipment) for any damage prior to use.

II.B.4. The Permittee shall place buckets or other containers under piping connections to collect drips of used oil during loading and unloading operations.

II.B.5. The Permittee shall ensure the amount of used oil to be loaded into the transport vehicle will not exceed the carrying capacity.

II.B.6. The Permittee shall follow the requirement of R315-15-4.10 UAC and Railcar Loading/Unloading Procedures in Attachment 5 when transferring used oil between railcars and transportation vehicles.

II.C. Rebuttable Presumption

II.C.1. Used oil with total halogen concentrations greater than 1,000 ppm)is presumed to have been mixed with a hazardous waste and shall be managed as a hazardous waste unless the Permittee successfully rebuts the presumption.

II.C.2. The Permittee may rebut the hazardous waste presumption in accordance with R315-15-4.5 UAC if the Permittee can demonstrate that the halogens in the used oil originated from sources other than halogenated hazardous constituents listed in Appendix VIII of 40 CFR 261.

II.C.2.a. If the additional testing shows that used oil has been mixed with a listed hazardous waste described in R315-261 UAC, the mixture is subject to regulation as a hazardous waste if the concentration of any individual compound listed in R315-261 Appendix VIII is greater than or equal to 100 ppm.

II.C.3. The rebuttable presumption does not apply to metalworking oils/fluids containing chlorinated paraffins if they are processed through a tolling arrangement as described in R315-15-2.5(c) UAC to reclaim metalworking oils/fluids. The rebuttable presumption does apply to metalworking oils/fluids if such oils/fluids are recycled in any other manner or disposed.

II.C.4. The rebuttable presumption does not apply to used oils contaminated with chlorofluorocarbons (CFCs) removed from refrigeration units if the CFCs are destined for reclamation. The rebuttable presumption does apply to used oils contaminated with CFCs that have been mixed with used oil from sources other than refrigeration units.

II.C.5. The Permittee shall attach any analytical results used to rebut the hazardous waste presumption to the shipping documents.

II.D. Used Oil Training

II.D.1. The Permittee shall train handlers of used oil in accordance with R315-15-4 UAC and the requirements of this Permit. New employees may not manage, or process used oil without a trained employee present until used oil training is completed.

II.D.2. The Permittee shall document that employees are trained in the identification of used oil, recordkeeping requirements, emergency spill plan, the proper procedures for handling, and transporting used oil, sample collection, halogen screening and laboratory analytical methods, rebuttable presumption testing, and the appropriate use of "generator knowledge" when determining the halogen content of used oil.

II.D.3. Employees collecting and performing field halogen testing shall be trained and demonstrate competence in collecting a representative used oil sample and testing for halogens using a CLOR-D-TECT® kit prior to fieldwork.

II.D.4. The Permittee shall provide, at a minimum, an annual used oil-training refresher course for employees handling used oil. Additional training is required if the Permittee changes used oil handling procedures or this Permit is modified.

II.D.5. The Permittee shall keep training records for each employee for a minimum of three years. Employees and supervisors shall sign and date training attendance sheets to document class attendance.

II.E. Spill Response, Remediation, and Reporting

II.E.1. In accordance with R315-15-9.1(a) UAC, the person responsible for the spill shall immediately take appropriate action to minimize the threat to human health and the environment and notify the DEQ Hotline at (801) 536-4123 if the spill is greater than 25 gallons or for smaller spills that pose threat to human health or the environment.

II.E.2. Responders shall take action to prevent spill from spreading by utilizing absorbent, booms, pads, rags, etc. (Attachment 1- Emergency Spill Plan).

II.E.3. Once the material is containerized, a waste determination shall be made to determine the material's disposition.

II.E.4. The Permittee is responsible for the material release and shall recover oil and remediate any residue from the impacted soils, water, or other property, or take any other actions as required by the Director until there is no longer a hazard to human health or the environment.

II.E.5. All costs associated with the cleanup shall be at the expense of the Permittee.

II.E.6. Vehicle spill kits shall contain, at a minimum, the equipment listed in Attachment 1 (Emergency Spill Plan) of this Permit and shall be checked daily prior to collection activities.

II.E.7. The Permittee shall report all relevant information, including the amount of waste generated from cleanup efforts, the characterization of the waste (i.e. hazardous or non-hazardous), final waste determination, and disposal records. The report shall also include actions taken by the Permittee to prevent future spills.

II.E.8. An air, rail, highway, or water transporter who has discharged used oil shall give notice, if required by 49 CFR 171.15, to the National Response Center at http://nrc.uscg.mil/nrchp.html, (800) 424-8802. In addition to the notification above, a written report, as required in 49 CFR 171.16, shall be presented to the Director, Office of Hazardous Materials Regulations, Materials Transportation Bureau located in Washington, D.C., 20590.

II.E.9. In accordance with R315-15-9.4 UAC, the Permittee shall submit to the Director a written report within 15 days of any reportable release of used oil.

Attachment 1

Emergency Spill Plan

A. General Procedures

A.1. In the event of a release of used oil, the Permittee's employees will immediately take the following appropriate actions to contain and minimize the spill and the threat to life, health, environment, and property:

A.1.a. The employees will attempt to control or stop the leak if it can be done safely.

A.1.b. Use absorbent material, booms, spill pads and dirt dams and dikes if necessary, to control the material. If possible, keep spilled material out of storm drains and open waterways.

A.1.c. The driver/employee shall immediately notify their emergency contact person listed in Table A.1 when the used oil spill exceeds 25 gallons, or a smaller spill poses a risk to human health and the environment. If there are injuries to personnel, the public or the spill will require additional emergency responders to contain then the employee shall call 911 to request additional help.

A1.d. The Permittee shall maintain records documenting reportable spills of used oil at your facility located at 1000 West Center Street, North Salt Lake, Utah for a minimum of three years.

A.2. Employees are exempted from reporting de minimis drips to management that are immediately cleaned up by the responsible employee.

Table: A.1: Emergency Contacts List

Contact Person	Title	Contact Information
Trent Heffern	Operations Manager	Office: (801)-424-7299 Cell (24 hrs.):(412)-616-261 Email: trentheffern@enviroserve.com
Scott Kahler	General Manager	Office: (303)-476-5912 Cell (245 hrs.): (720)-450-1316 Email: scottkahler@enviroserve.com
Todd Mahana	Director – SH&E	Office: (801)-944-6538 Cell (245 hrs.): (281)-745-7337 Email: toddmahana@savageservices.com
Fire Response	NA	911

B. Spill Reporting

B.1. The Permittee shall report any used oil spills exceeding 25 gallons, or that pose a risk to human health and the environment to the Utah Department of Environmental Quality and other applicable regulatory agency immediately after containment of the spill as listed in Table B.1.

B.1.a. If the spill occurs on a highway or railway, employees should immediately stop the release if possible, secure the scene and contain the spill. The Permittee shall give notice, if required by 49 CFR 171.15 to the National Response Center (Table B.1). The Utah State Highway Patrol shall be contacted if the spill restricts a public road.

Table B.1: Regulatory Agency Notification Numbers

Regulatory Agency	Contact Phone Number
National Response Center	(800) 424-8802 or (202) 426-2675
Utah Department of Environmental Quality (within 24 hrs.)	(801) 536-4123
Utah State Highway Patrol	(801) 538-3400

B.2. The Permittee shall report by telephone the information listed in Table B.2 to the Utah State Department of Environmental Quality's 24-hour answering service at (801) 536-4123.

Table B.2: Required Spill Report Information

Information for Spill Reporting
a. The names, telephone numbers and the addresses of the parties that are responsible for the release.
b. The name, title and telephone number of the individual that is reporting the spill.
c. Time and date of the release of used oil.
d. The specific location of the release (e.g. Nearest town/city, highway, waterway, or GPS coordinates).
e. Description of released material found on the manifest or shipping document and the amount of material released.
f. Cause of the release
g. Possible hazards to human health or the environment and any emergency action taken to minimize these threats.
h. The extent of injury, if applicable

B.3. The Permittee shall submit to the Director a written spill report of used oil spills exceeding 25 gallons, or that pose a risk to human health and the environment within 15 days of the spill in accordance with R315-15-9.1 UAC.

C. Vehicle Spill Kit

C.1. The Permittee shall maintain a spill kit in each vehicle transporting used oil that contains at a minimum the equipment and materials listed in Table C.1.

Table C.1: Spill Kit Inventory

Equipment/Material Description	Quantity
• Shovel • Broom • First Aid Kit • Fire Extinguisher	1 each
• Bucket/Container	2
• Spill Absorbent Pads	10
• Granulated Absorbent	2 ft^3
• Absorbent Boom/oil sock	1
• A copy of the Emergency Control Spill Plan	1

Attachment 2

Analysis Plan

A. General Requirements

A.1. The Permittee shall verify that the halogen content of the used oil collected prior to transport in accordance with at least one of the following halogen verification methods in accordance with B through D:

B. Halogen Field Screening Methods

B.1. If the Permittee screens the generator's used oil to verify halogen concentration, the Permittee shall use a halogen field screening method in accordance with the following requirements:

B.2. Used oil that contains less than 20% water shall be screened for halogens with a CLOR-D-TECT® halogen test kit (EPA Method 9077).

B.3. Used oil that contains between 20% and 70% water shall be screened for halogens with a HYDROCLOR-Q® test kit. The resulting halogen concentration must be corrected using the following conversion formula to calculate true halogen concentration.

True Halogen Concentration = Reading Syringe + [(10 + ml oil in sample)/10]

Example: sample contains 6 ml water and 4 ml oil (60% water) and the syringe reading is 2,000 ppm, then the true concentration is:

2,000 ppm [(10 + 4)/10] = 2,800 ppm

B.4. Used oil that contains greater than 70% water shall be screened for halogens with a HYDROCLOR-Q® test kit. Correction of the halogen screening results is not required.

B.5. The Permittee shall document on acceptance records or bill of lading the screening results.

B.6. The requirement for a quality control sample (duplicate) may be satisfied by testing the used oil or oily water prior to off-loading from permitted vehicles in accordance with the EPA Method 9077 (CLOR-D-TECT® and HYDROCLOR-Q® and is not required for each load collected at individual generators.

C. Halogen Laboratory Analytical Methods

C.1. If the Permittee submits a representative used oil sample to a Utah-certified laboratory to analyze for total halogen concentration, the Permittee shall use Method 9075, Method 9076 or other equivalent method approved by the Director.

C.2. The Permittee shall document the analytical results on the transportation document such as a bill of lading or manifest.

D. Halogen Generator Knowledge Method

D.1. The Permittee shall have information on file, (e.g., analytical testing, industry process knowledge) from the generator, which is sufficient, as determined by the Director, to support any use of generator knowledge.

D.2. The Permittee may not rely solely on a safety data sheet (SDS) in making a halogen concentration determination.

D.3. If relying on generator knowledge, the Permittee shall document on the shipping record the use of generator knowledge in accordance with Attachment 3 (Procedures for Recording Halogen Content).

D.4. Used oil determined to be on-specification by a Utah-registered marketer can be collected and transported without further testing. Bills of lading, manifests or other used oil transportation records shall include copies of the analytical results for reference.

E. PCB Contaminated Used Oil

E.1. The Permittee shall submit used oil samples for PCB analysis to a Utah-certified laboratory. The laboratory shall determine the PCB content of the used oil using the sample preparation and analytical methods listed in Table E.1.

Table E.1: Required PCB Sample Preparation and Analytical Methods

Sample Preparation Methods	Analytical Method	Analytes *	
		PCB CAS RN	***PCB Aroclor®***
3500C (General) 3580A (Preparation) 3665A (Cleanup)	• 8082A • Analyses of the seven Aroclors bolded/* in the last column are mandatory	**12674-11-2**	**1016***
		147601-87-4	1210
		151820-27-8	1216
		11104-28-2	**1221***
		37234-40-5	1231
		11141-16-5	**1232***
		71328-89-7	1240
		53469-21-9	**1242***
		12672-29-6	**1248***
		165245-51-2	1250
		89577-78-6	1252
		11097-69-1	**1254***
		11096-82-5	**1260***
		37324-23-5	1262
		11100-14-4	1268

E.4. The PCB concentration of used oil may not be diluted to avoid any provision of 40 CFR 761.

E.5. If a used oil transport vehicle has contained used oil with a PCB content greater than or equal to 2 ppm then the Permittee shall assume that the PCB content of all subsequent loads of used oil transported this vehicle has a PCB content of 2 ppm or greater unless the vehicle (including pumps and hoses) has been decontaminated as described in 40 CFR 761 Subpart S.

Attachment 3

Procedures for Recording Halogen Content on Shipping Documents

A. **General Procedures**

A.1. The Permittee's drivers shall document the halogen content of the used oil, the determination method and date of entry, if applicable, on the shipping record as follows:

B. **Bill of Lading/Shipping Document (daily record for a single transporter)**

B.1. When the Permittee determines the halogen content using halogen field screening methods or laboratory analytical methods in accordance with Attachment 2 (Analysis Plan) the driver shall record the following halogen information on shipping document (dated the day if transport):

Halogens ≤ 1000 ppm

Halogens >1000 ppm

B.2. When the Permittee determines the halogen content using Generator Knowledge provided by the generator, the driver shall write the following:

Halogens ≤1000 ppm/G or GK or Generator Knowledge

Halogens >1000 ppm/G or GK or Generator Knowledge

C. **Manifest/Shipping Document (record for single or multiple transporters)**

C.1. When the Permittee determines the halogen content using halogen field screening methods or laboratory analytical methods in accordance with Attachment 2 (Analysis Plan) the driver shall record the following halogen information and date the entry in the special handling box of the manifest.

Halogens ≤ 1000 ppm and the date screened

Halogens >1000 ppm and the date screened

C.2. When the Permittee documents the halogen content using Generator Knowledge the driver shall write the following:

Halogens ≤1000 ppm/ G or GK or Generator Knowledge and the date recorded on the manifest

Halogens >1000 ppm/ G or GK or Generator Knowledge and the date recorded on the manifest

Attachment 4

Sample Collection Procedures

A. General

A.1. The Permittee shall use the sampling procedures below to collect a representative sample when collecting samples used to satisfy the analytical requirements of R315-15 UAC and this Permit.

A.2. Drums or containers of used oil from different sources or processes shall be sampled individually.

A.3. Composite sampling is only allowed for a maximum of 600 gallons from containers of used oil that are generated from the same source or process at each generator's facility.

B. Procedure 1- Containers < 375 gallons

B.1. Sampling Equipment - Composite Liquid Waste Sampler (COLIWASA) nominally 175 ml, 39-inch, sample jar.

B.2. Step 1 - Take COLIWASA and dip into drum or tote make sure the tube fills up a good cross section before closing.

B.3. Step 2 - Open sample jar and dispense the entire contents from COLIWASA into sample jar.

B.4. Step 3 - Screen sample using CLOR-D-TECT halogen test kit in accordance with Attachment 3 (Analysis Plan).

B.5. Step 4 - Empty the sample in the bucket back into the used oil container/tank.

C. Procedure 2 – Containers ≥ 375 gallons

C.1. Sampling Equipment - Composite Liquid Waste Sampler (COLIWASA)

C.2. Step 1- Lower a COLIWASA tube slowly into the liquid waste at a rate that allows the liquid level inside and outside the tube to equalize.

C.3. Step 2 - Slowly withdraw COLIWASA tube from the liquid. Either wipe the exterior of the sampler tube with a disposable cloth or allow excess liquid to drain back into the used oil container/tank.

C.4. Step 3 - Discharge the sample by placing the lower end of the tube into a sample container/tank.

C.5. Step 4 - Screen sample(s) using the appropriated halogen screening test kit(s).

C.6. Step 5 - As appropriate, note that the halogen screening result of the used oil tested and document results on the shipping document.

Attachment 5

Railcar Loading/Unloading Procedures

A. **General**

A.1. The Permittee's shall adhere to the regulatory requirements of R315-15-4.10 UAC and the requirement and procedures listed in this attachment.

A.2. Operators shall use spill pans or other types of secondary containment shall be placed beneath railcars when transferring used oil between railcars and transportation vehicles that is sufficient to capture any releases that may occur during the transfer of oil.

A.3. Operators shall use the manway/top hatch located on the top of the railcar to transfer oil.

A.4. The Permittee shall have two trained operators presents during the transfer of used oil between railcars and transportation vehicles. One operator shall be positioned at the transfer connection on the top of the railcar and the other operator shall be positioned transportation vehicle to monitor hose connection at the vehicle. If at any time, one of the operators must leave the operation, the operation must be stopped until a second qualified person is available.

A.4.a. A single operator may be used if a secure dome lid connector is used to attach the upper hose to the railcar or if approved by the Director.

B. Specific Procedures

B.1. Securely park the oil transportation vehicle, set vehicle parking brake and chock both sides of one wheel of the truck to prevent accidental movement.

B.2. Lock-out track with derailers at both ends of the rail spur so train operators know not to move any railcars on the spur during offloading.

B.3. Place railcar chocks on both sides of the wheels of the railcar while offloading.

B.4. Ensure adequate spill response equipment is readily accessible.

B.5. Unsecure railcar manway/top hatch. Open manway/top hatch and take a beginning reading on the railcar by using a tape measure and verifying the current railcar measurements with the railcar strapping chart to ensure there is enough space available for transfer.

B.6. Hoist opposite end of hose up to railcar hatch, uncap hose end, and insert into railcar. The top man must hold the hose in place while transferring or a fill lid must be used.

B.7. Check the cam lock gaskets for integrity and secure the cam lock ears down and secure the hose to the side of the railcar, candy cane.

B.8. After oil transfer is complete, clear the hose of any material and cap and plug all hoses to prevent drips.

B.9. Close and secure the manway/top hatch on the railcar.

B.10. Complete all necessary shipping documentation.

B.11. Remove derailers and railcar chocks when railcar is full and ready to be moved.