



WASTE MANAGEMENT
& RADIATION CONTROL

Division Waste Management and Radiation Control
USED OIL TRANSFER FACILITY PERMIT



Permittee Name: Veolia ES Technical Solutions, L.L.C.

Permittee Company and Mailing Address: 709 North Taylor Way, Suite #1
North Salt Lake, Utah 84054

Permittee Facility Phone Number: (801) 294-7111

Permittee Administrative Contact: **Justin Robert**
Mountain Branch Field Operations Manager
(303) 885-2882 (cell)
Email: justin.robert@veolia.com

Facility Contact: **Nicholas Trujillo**
Project Manager
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Type of Permit: Used Oil Transfer Facility Permit

Permit #: UOP-0125

Original Issue Date: 12/22/2010

EPA ID #: UTR000007138

Signature: _____ Date: _____
Scott T. Anderson, Director
Division of Waste Management and Radiation Control

I.A. Effect of Permit

- I.A.1. Veolia ES Technical Solutions, L.L.C. (hereafter referred to as “the Permittee”) is hereby authorized to operate a Used Oil Transfer Facility located at 709 North Taylor Way, Suite #1 in North Salt Lake, Utah, 84054 in accordance with all applicable requirements of R315-15 of the Utah Administrative Code (UAC) and 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 of the Utah Administrative Code.
- 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 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 shall be grounds for enforcement actions, including revocation of this Permit. The Director shall notify the Permittee in writing of his intent to revoke this Permit.

I.C. Permit Modification

- I.C.1. The Permittee may 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 a decision by the Director on the modification request. 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 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 the transfer facility, including all used oil transportation vehicles, storage units, containers, tanks and associated equipment to minimize the possibility of fire, explosion or sudden or non-sudden release of used oil to air, ground, soil, surface and groundwater and sewer systems.
- I.D.2. The Permittee shall inspect and maintain used oil equipment containers, and storage units on a weekly basis to ensure compliance with this section. Electronic documentation of inspection is acceptable.
- I.D.3. 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 Utah Administrative Code and the Permittee’s Emergency Spill Plan (Attachment 1).

I.D.4. It shall not constitute a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the Permittee business activity in order to maintain compliance with the conditions of this permit and Attachments.

I.D.5. The Permittee is subject to all applicable Spill Prevention, Control and Countermeasures as defined in 40 CFR 112.

I.E. Record Retention

I.E.1. The Permittee shall maintain all applicable used oil records required by R315-15 of the Utah Administrative Code and this Permit at the Permittee's office located at 709 North Taylor Way, Suite #1 in North Salt Lake, Utah.

I.E.2. All records shall be readily accessible for inspection 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.F. Tracking

I.F.1. The Permittee shall keep documentation of each used oil load received, transferred, and delivered to verify storage periods.

I.F.2. The Permittee's facility acceptance records shall document the permitted transporter's name, address, EPA identification number, date of acceptance, and signature of the transporter. Acceptance records may include a separate loading sheet that is signed or initialed and includes the original shipping document number, date of delivery and amount of used oil accepted.

I.F.3. The Permittee's facility shipping records shall document the transfer of used oil to a permitted used oil transporter, transfer facility, burner, or processor. This record shall have the company name, address, and EPA identification number of the entity receiving the used oil. Both the Permittee and the receiving facility (dated upon receipt) shall sign the shipping record if located in Utah. Intermediate rail transporters are not required to sign the record of delivery.

I.G. Sampling and Analyses

I.G.1. The Permittee shall follow all sampling and analytical procedures in Condition II.D and Attachment 2 (Sampling and Analysis Plan) when conducting used oil sampling and analytical testing to meet the requirements of R315-15 of the Utah Administrative Code and this Permit.

I.H. Prohibited Waste

- I.H.1. Used oil that has been mixed with hazardous waste as defined by R315-261 of the Utah Administrative Code or PCBs as defined by R315-15-1.7(e) of the Utah Administrative Code shall no longer be managed as used oil and shall be subject to applicable hazardous waste and PCB-contaminated waste rules.
- I.H.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 of the Utah Administrative Code.
- I.H.3. The Permittee shall not place, manage, discard or otherwise dispose of used oil in any manner specified in R315-15-1.3 of the Utah Administrative Code.

I.I. Waste Characterization and Disposal

- I.I.1. The Permittee shall properly characterize used oil waste related materials to determine if the wastes are hazardous or non-hazardous in accordance with R315-15-8 of the Utah Administrative Code and manage accordingly.
- I.I.2. The Permittee shall maintain records showing characterization, handling and disposal of waste generated at the facility.

I.J. Used Oil Storage

- I.J.1. The Permittee shall not store used oil longer than 35 days without first obtaining a processor permit for that storage location.
- I.J.2. The Permittee shall have secondary containment for all storage units, containers, tanks, transportation vehicles, and associated piping in accordance with R315-15-4.6 of the Utah Administrative Code.
- I.J.3. The Permittee shall not store used oil in units other than tanks, containers or units subject to regulations under R315-265 or R315-264 of the Utah Administrative Code.
- I.J.4. The Permittee shall label all used oil containers, tanks and, when applicable, associated piping with the words "Used Oil."

I.K. Liability and Financial Requirements

- I.K.1. The Permittee shall be financially responsible for cleanup and closure costs, general liabilities, and environmental pollution legal liability for bodily or property damage to third parties resulting from the release of use oil in accordance with R315-15-10 through 12 of the Utah Administrative Code and this Permit.
- I.K.2. The Permittee shall provide documentation of financial responsibility, for cleanup and closure, environmental pollution legal liability, and general liability coverage annually to the Director for review and approval by March 1 of each reporting year or upon request by the Director.
- I.K.3. The Permittee shall receive written approval from the Director for any changes in the extent, type (e.g., mechanism, insurance carrier, or financial institution) or amount of

the environmental pollution legal liability or financial assurance mechanism for coverage of physical or operational conditions at the facility that change the nature and extent of cleanup and closure costs. The Permittee shall receive approval from the Director prior to implementation of these changes.

I.L. Cleanup and Closure Plan

- I.L.1. The Permittee shall update its closure plan cost estimates and provide the updated estimated to the Director, in writing, within 60 days following a facility modification that causes an increase in the financial responsibility required under R315-15-10 of the Utah Administrative Code. Within 30 days of the Director's written approval of a permit modification for the cleanup and closure plan that would result in an increase cost estimate, the owner or operator shall provide to the Director the information specified in R315-15-11.2(b)(2) of the Utah Administrative Code and Condition II.G of this Permit.
- I.L.2. The Permittee shall initiate closure of the facility within 90 days after the Permittee receives the final volume of used oil or after the Director revokes the Permittee's Transfer Facility Permit in accordance with the requirements of R315-15-11.3 of the Utah Administrative Code and this Permit.
- I.L.3. Within 60 days of completion of cleanup and closure, the Permittee shall submit to the Director, by registered mail, a certification that the facility has been closed in accordance with R315-15-11.4 of the Utah Administrative Code and the specifications of the approved cleanup and closure plan. An independent, Utah-registered professional engineer and the Permittee shall sign the closure certification.
- I.L.4. Additional sampling and remediation may be required by the Director to verify that cleanup and closure has been completed according to R315-15 of the Utah Administrative Code.

I.M. Used Oil Handler Certificate

- I.M.1. In accordance with R315-15-4 of the Utah Administrative Code, the Permittee shall not operate as a used oil transfer facility without obtaining annually a Used Oil Handler Certificate from the Director. The Permittee shall pay a used oil handler fee, pursuant to Utah Code 63J-1-504, by December 31 of each calendar year to receive certification for the upcoming calendar year.

I.N. Inspection and Inspection Access

- I.N.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.N.2. The authorized employees may collect soil, groundwater or surface water samples to evaluate the Permittee's compliance.

I.N.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.O. Annual Report

I.O.1. As required by R315-15-13.4 of the Utah Administrative Code, the Permittee shall prepare and submit an Annual Report to the Director by March 1 of the following year using Form UO 004 (Annual Report for Used Oil Transfer Facilities) describing the Permittee’s used oil activities in Utah. The Annual Report shall also include all financial assurance documentation required by Form UO 004.

I.P. Other Laws

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

I.Q. Enforceability

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

I.R. Effective Date

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

Draft for Public Comment

II.A. Used Oil Transfer Facility Operations

- II.A.1. The Permittee is authorized to store 4,400 gallons of used oil which includes undrained used oil filters, in non-bulk containers for up to 35 days at 709 North Taylor Way, Suite #1 in North Salt Lake, Utah (Attachment 3 – General Site Plan).
- II.A.2. Storage in tanks or vehicles longer than 35 days is prohibited.
- II.A.3. The Permittee shall only accept shipments of used oil from Utah permitted used oil transporters.
- II.A.4. The Permittee shall verify, at the time of acceptance, that the transporter delivering the used oil has recorded the halogen content of the used oil on the shipping documents.
- II.A.5. The Permittee is not required to conduct further testing on used oil received from a Utah-registered used oil marketer if the marketer provides, at the time of acceptance, analytical data results documenting that the used oil has been tested for the parameters in R315-15-1.2 of the Utah Administrative Code.
- II.A.6. If the transporter has not documented the halogen content on the shipping records, then the Permittee shall determine the halogen content of the shipment of used oil received at the facility, prior to acceptance.
- II.A.7. The Permittee is allowed to accept shipments of used oil, as defined in R315-15-1.7(d) of the Utah Administrative Code, with halogen contents less than 1,000 ppm. Used oil with halogen concentrations between 1,000 ppm and 4,000 ppm may only be accepted from transporters if any one of the following conditions is met:
- II.A.7.a. The Permittee rebuts the hazardous waste presumption in accordance with R315-15-1.1(b)(ii) of the Utah Administrative Code and Attachment 2 or there is analytical data accompanying the shipment documenting that the rebuttable assumption requirements of R315-15-1.1(b)(ii) of the Utah Administrative Code have been satisfied.
- II.A.7.b. The Permittee can verify that the used oil is solely from a Very Small Quantity Generators (VSQG).
- II.A.7.c. The used oil shipment is comprised solely of a “Do-It-Yourselfer” used oil from a Utah Used Oil Collection Center.
- II.A.8. The Permittee shall determine the halogen content by collecting a representative sample in accordance Attachment 4 (Sample Collection Procedures) and then screening the used oil sample for halogens, or by submitting the sample to a Utah-certified laboratory for analysis in accordance with the analytical requirements of Attachment 2 (Sampling and Analysis Plan).
- II.A.8.a. The Permittee shall then record the results of the halogen testing on the shipping document prior to shipment from the facility.

- II.A.9. Used oil recovered from oily water shall be managed as used oil in accordance with R315-15 of the Utah Administrative Code and this Permit.
- II.A.10. The Permittee shall not accept or store used oil with PCB concentrations greater than or equal to 50 mg/kg (ppm) unless the Permittee complies with TSCA regulations 40 CFR 761. Used oils containing PCB concentrations greater than or equal to 2 mg/kg but less than 50 mg/kg are subject to both R315-15 of the Utah Administrative Code and 40 CFR 761.

II.B. Used Oil Loading and Unloading Requirements

- II.B.1. The Permittee shall secure the vehicle by positioning wheel chocks and applying the emergency brakes before loading or unloading used oil from transportation vehicles.
- II.B.2. The Permittee shall inspect all drums for any damage prior to loading into or unloading from transportation vehicles.
- II.B.3. The Permittee shall ensure the amount of used oil to be loaded does not exceed the capacity of the transportation vehicle.

II.C. Used Oil Storage

- II.C.1. The Permittee shall only store used oil containers in the container storage areas in the main facility warehouse (Attachment 3 – General Site Plan) as described in Table II.C.

Table II.C: Description of Used Oil Container Storage Areas.

Storage Area	Capacity (gallons)	Container Type	Storage Area Locations
Bays 1-4 and Dock Area	4,400	Steel/Poly Drum or Tote (non-bulk containers up to 500 gallons)	Main Warehouse
Maximum facility used oil storage capacity = 4,400 gallons			

- II.C.2. The Permittee shall conduct weekly inspections of used oil storage areas, containers, storage areas, security controls (i.e. fences, warehouse locks), and safety equipment (i.e. fire extinguishers, PPE, spill kits and first aid kits). The Permittee shall document inspections using the paper or electronic documents.
- II.C.3. The Permittee shall document the inspector’s name, the time and date of the inspection and the condition facility security measures, safety equipment and the storage containers and the secondary containment systems.
- II.C.4. The Permittee shall document in the inspection record any issues discovered during the inspections (e.g. leaking containers) and any actions taken by the Permittee to resolve these issues.

II.D Used Oil Sampling and Analysis

- II.D.1. The Permittee shall sample used oil accepted at the facility when required by Condition II.A of this Permit in accordance with the requirements of the Attachment 2 (Sampling and Analysis Plan) and Attachment 4 (Sample Collection Procedures).

II.E. Used Oil Training

- II.E.1. The Permittee shall train handlers of used oil in accordance with R315-15-4 of the Utah Administrative Code 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.E.2. Employee training shall include documentation that the following topics were covered: identification of used oil, recordkeeping requirements and facility used oil procedures for handling, transporting, sampling and analysis, emergency response, spill reporting and personal safety.
- II.E.3. 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.
- II.E.4. 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.5. Employees collecting and performing field halogen testing shall be trained and shall demonstrate competence in collecting a representative used oil sample and testing for halogens using a CLOR-D-TECT[®] kit prior to fieldwork.

II.F. Spill Response, Remediation, and Reporting

- II.F.1. In accordance with R315-15-9.1(a) of the Utah Administrative Code, the person responsible for a spill shall immediately take appropriate action to minimize the threat to human health and the environment. The Permittee shall 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.F.2. Responders shall take action to prevent a spill from spreading by utilizing absorbent, booms, pads, rags or other appropriate materials.
- II.F.3. Once the material is containerized, a waste determination shall be made to determine the material's disposition.
- II.F.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.F.5. All costs associated with the cleanup shall be at the expense of the Permittee.
- II.F.6. The Permittee shall maintain spill cleanup kits in the used oil storage areas.

- II.F.7. Facility spill kits shall contain, at a minimum, the equipment listed in Attachment 1 (Emergency Spill Plan) of this Permit. The Permittee shall conduct and document weekly inspection of the spill kits.
- II.F.8. 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.F.9. In accordance with R315-15-9.4 of the Utah Administrative Code, the Permittee shall submit to the Director a written report within 15 days of any reportable release of used oil.
- II.G. Facility Closure**
- II.G.1. The Permittee shall evaluate potential impacts of used oil operations on the surrounding soil, groundwater and surface water in accordance with R315-15-11 of the Utah Administrative Code and implement the closure plan in Attachment 5 (Facility Closure Plan and Closure Cost Estimate). The Permittee shall be responsible for any cleanup of any used oil contamination that has migrated beyond the facility property boundaries in accordance with R315-15-11(d) of the Utah Administrative Code.
- II.G.2. Closure shall include, but not be limited to, used oil storage areas, loading docks, sumps, ancillary equipment and piping, and any contaminated soil or groundwater contaminated from used oil activities at the site. The Permittee shall implement closure in the manner described in the Attachment 5 (Facility Closure Plan and Closure Cost Estimate).

Attachment 1

Emergency Spill Plan

A. General Procedures

- A.1. In the event of a release of used oil, the Veolia ES Solutions, L.L.C. (Veolia), employee 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 Veolia employee 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. Contact his supervisor and 911 emergency responders if needed.
 - A.1.d. If necessary, the supervisor will contact an authorized waste remediation company for assistance with the clean- up.
- A.2. Used oil spills exceeding 25 gallons, or that pose a risk to human health and the environment, shall be reported Veolia’s management, and to the Utah Department of Environmental Quality and any other applicable regulatory agency immediately after containment of the spill (Table 1).

Table: 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

- A.3. The following information shall be provided by telephone to the Utah State Department of Environmental Quality’s’, 24-hour answering service at 801-536-4123:
 - A.3.a. Name, telephone number and address of parties responsible for the release.
 - A.3.b. Name, title and telephone number of individual reporting.
 - A.3.c. Time and date of the release.
 - A.3.d. Location of the release, as specific as possible including nearest town, city, highway or waterway.
 - A.3.e. Description of released material found on the manifest or shipping document, along with the amount of material released.
 - A.3.f. Cause of the release.
 - A.3.g. Possible hazards to human health or the environment and the emergency action taken to minimize the threat.
 - A.3.h. The extent of injury, if any.

- A.4. A spill report of used oil spills exceeding 25 gallons, or that pose a risk to human health and the environment, shall be submitted to the Division of Waste Management and Radiation Control within 15 days of the spill in accordance with R315-15-9.1.
- A.5. The employee shall immediately notify their Veolia supervisor, initial notification is to be made to the 24-hour emergency contacts in Table 2 below. If there are, injuries to personnel/public or the spill will require additional emergency responders to contain then all 911 to request help. The discharge notification form is included in this spill plan shall be completed by the operator after containment of the used oil, notification to emergency responders (if applicable) and Veolia’s management.

Table 2: Emergency Contacts List

Emergency Contacts Information		
Contact Person	Title	Contact Information
Nicholas Trujillo	Project Manager	(801) 294-7111 (office) (801) 678-5134 (cell) Email: nicholas.trujillo@veolia.com
Justin Robert	Mountain Branch Field Operations Manger	(303) 885-2882 (cell) Email: justin.robert@veolia.com
Fire Response	NA	911

- A.6. The transfer facility shall maintain absorbents and equipment to contain a leaking containers and spills. At a minimum, each used oil transfer facility spill kit shall contain the items listed in Table 3.

Table 3: Spill Equipment Inventory for Transfer Facility

Equipment Description	Quantity
Shovel, Broom, First Aid Kit and Fire Extinguisher	1 Each
Buckets	2
Spill Absorbent Pads	10
Granulated Absorbent	2 ft ³
Absorbent Boom/oil sock	1
Used Oil Emergency Controls -Spill Plan with Emergency Contact Numbers	1

- A.7. Employees are exempted from reporting de minimis drips to management that are immediately cleaned up by the responsible employee.
- A.8. The Veolia supervisor shall be responsible to initiate and complete any reporting and notification to the required Federal, State and local agencies.

Attachment 2

Sampling and Analysis Plan

A. Bulk and Drum Sample Collection Requirements

- A.1. The Permittee shall collect a representative sample from containers to determine the halogen content when required by Condition II.A in accordance with the sampling collection procedures in Attachment 4. Sampling personnel shall be trained on appropriate sampling methods for each type of container and matrix.
- A.2. Bulk containers of used oil must be sampled and analyzed individually. Composite sampling is not allowed.

B. Halogen Field Screening Methods

- B.1. The Permittee shall screen used oil or oily water subject to R315-15 of the Utah Administrative Code in accordance with the following requirements:
- B.1.a. CLOR-D-TECT[®] halogen test kit (EPA Method 9077) for oil containing less than 20% water; or
- B.1.b. HYDROCLOR-Q[®] test kit if the oil contains between 20% and 70% water using the following conversion formula:

$$\text{True Halogen Concentration} = \text{Reading Syringe} + [(10 + \text{ml oil in sample})/10]$$

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:

$$2,000 \text{ ppm} [(10 \text{ ml} + 4 \text{ ml})/10] = 2,800 \text{ ppm}$$

- B.1.c. HYDROCLOR-Q test kit without correction for oil containing greater than 70% water.

C. Quality Control Sample

- C.1. The CLOR-D-TECT[®] kit (Method 9077 of SW846) requires that a quality control sample (duplicate) be analyzed for each sampling event.

D. Halogen Laboratory Analytical Methods

- D.1. When relying on laboratory testing, the Permittee shall submit a representative used oil sample to a Utah-certified laboratory to analyze for total halogen concentrations using Method 9076.

E. Rebuttable Presumption

- E.1. The Permittee may rebut the hazardous waste presumption in accordance with R315-15-4.5 of the Utah Administrative Code if the Permittee can demonstrate that the used oil does not contain significant concentrations of any of the halogenated hazardous constituents listed in Appendix VIII of EPA CFR 40, Part 261 which includes volatiles, semi-volatiles, PCBs, pesticides, herbicides and dioxin/furans.

F. PCB Contaminated Used Oil

- F.1. The Permittee shall obtain analytical results of dielectric oil used in transformers and other high voltage devices, verifying the PCB concentrations are less than 50 mg/kg prior to loading and storing the used oil in the rail cars.
- F.2. Used oil shall not be diluted to avoid any provision of any federal or state environmental rules.
- F.3. Unless tanks, containers, and piping that previously contained PCB-contaminated material are decontaminated as described in 40 CFR 761 Subpart S prior to transferring used oil, the used oil is considered to have been mixed with PCB-contaminated material in accordance with R315-15-18 and 40 CFR 761 Subpart S.
- F.4. Laboratory testing for PCBs shall be conducted in accordance with R315-15-18(d) of the Utah Administrative Code when used to satisfy any requirements of R315-15 of the Utah Administrative Code and this Permit.

Draft for Public Comment

Attachment 3
General Site Plan



Attachment 4

Sample Collection Procedures

A. Drums/Containers < 375 gallons Sampling Procedure

A.1. Sampling Method ASTM- ASTM-D7831 – COLIWASA Sampling Device

COLIWASA Sampling Device: Glass or Polypropylene/ plastic type tube or “tank” sampler with a stopper at one end attached by a rod running the length of the tube to a locking mechanism at the other end.

A.2. Step 1

Open the COLIWASA by placing the stopper mechanism or inter tube in the open position.

A.3. Step 2

Lower the tapered end of the outer sampling tube in the liquid at a rate that allows the liquid level inside and outside to the tube to equalize. If the level of the liquid in the sample tube is lower than that outside the sampler, the sampling rate is too fast and a non-representative will result.

A.4. Step 3

Use the stopper or tube mechanism to close the COLIWASA when it has reached the desired depth.

A.5. Step 4

Put entire contents into a container, mix sample, fill sample jar and label sample jar.

Attachment 5

Facility Closure Plan & Closure Cost Estimate

A. Facility Decommission

- A.1. The Permittee shall remove all containers of used oil, used oil filters and any oil contaminated solids or liquids from the facility.
- A.2. Used oil sent for recycling under R315-15 of the Utah Administrative Code shall be transported from the facility by a Utah permitted used oil transporter and delivered to a used oil facility regulated under CFR Title 40 Part 279.
- A.3. The Permittee shall determine if the used oil is a hazardous or non-hazardous waste when the used oil is sent for disposal in accordance when used oil or used oil contaminated media (i.e. decontamination rinsate, oily rags, contaminated soil or groundwater in accordance with R315-261-262 of the Utah Administrative Code. All waste shall be sent to an appropriate disposal facility approved by the Director.

B. Soil Ground and Surface Water Investigation

- B.1. The Permittee shall investigate for any potential impact of used oil operations conducted at the facility on surrounding soils, groundwater and surface water. Soil and groundwater samples shall be tested for PCBs, RCRA 8 metals, semi-volatiles and volatiles. The Permittee shall submit a Level IV analytical data package with the testing results from a Utah certified laboratory within 30 days of receipt to the Director for review and approval.

C. Final Closure Report and Closure Verification Costs

- C.1. The Permittee shall submit an updated Closure Plan to the Division, for approval by the Director, prior to initiating closure activities.
- C.2. Within 60 days of completion of cleanup and closure, the Permittee shall submit to the Director, by registered mail, certification that the facility has been closed in accordance with the approved closure plan. An independent, Utah- registered professional engineer and the Permittee shall sign the closure certification.
- C.2. Additional sampling and remediation may be required by the Director to verify that cleanup and closure has been completed in accordance with R315-15 of the Utah Administrative Code.

D. Closure Cost Estimate for Financial Assurance

- D.1. Prior to issuance of this Permit the Permittee shall have a financial mechanism in place for the estimated cleanup and closure costs in the amount specified in Table 1 (Estimate of Cleanup and Closure Costs) in accordance with R315-15-10 through 12 of the Utah Administrative Code and this Permit.

Table 1: Estimate of Cleanup and Closure Costs (2018)

Description	Item Amount	Rate	Cost
Plant Decommission: Removal of Used Oil Inventory and Other Wastes			
Closure Project Coordination and Contractor Scheduling	24 hours	\$125.00/hour	\$3,000.00
Waste characterization of used oil in drums (VOCs, SVOCs, PCBs and RCRA 8 Metals)	12 (composite samples)	\$1,200.00/sample	\$14,400.00
Used Oil Removal (includes Container Transportation and Disposal)	80 drums	\$200.00/drum	\$16,000.00
Decontamination of Storage Area (Bay 1-4) and Loading Dock	1	\$3,000.00/total	\$3,000.00
Rinsate Waste Characterization	5 (composite samples)	\$1200/each	\$6,000.00
Transportation and Disposal of Decontamination Rinsate	20 drums	\$200.00/drum	\$4,000.00
Oily Clean Up Waste & Transportation (i.e. rags and PPE)	5 drums	\$200/drum	\$1,000.00
Misc. Oversight Labor Costs	24 hours	\$125.00/hour	\$3,000.00
Soil, Ground and Surface Water Investigation			
Soil and Ground and Surface Water Sampling (Soil (4), Ground (1) & Surface Water (1))	6 samples	\$400.00/sample	\$2,400.00
Contractor Mobilization Charge	1	\$2,000.00/mobilization	\$2,000.00
Waste Characterization (Analytical) of Soil Ground and Surface Water Samples	6 samples	\$1,200.00/sample	\$7,200.00
Final Closure Report and Closure Verification Costs			
Closure Report (Contractor)	1	\$3,000/Report	\$3,000.00
Independent P.E. Verification of Closure	1	\$2,000.00/Closure Certification	\$2,000.00
Division of Waste Management Review	40 hours	\$100.00/hour	\$4,000
Subtotal (Direct & Other)			\$71,000.00
Contingency Costs	15%		\$10,650.00
Total Closure Cost Estimate:			\$81,650.00