



Utah Division of Solid and Hazardous Waste



USED OIL TRANSPORTER PERMIT

Permittee Name: City of Logan

Permittee Mailing Address: 290 North 100 West
Logan, Utah 84321

Permittee Phone Number: (435) 716-9000

Permittee Contact: Mike Miller – Facility Manager
(435) 881-0170 cell
Email:mike.miller@loganutah.org

Facility Address: 290 North 100 West
Logan, Utah 84321

Facility Contact: Mike Miller – Facility Manager
(435) 881-0170 cell
Email:mike.miller@loganutah.org

Type of Permit: Used Oil Transporter Permit

Permit #: UOP-XXXXX

EPA ID #: UTR000013441

Signature: _____ Effective Date: _____

Scott T. Anderson, Director
Division of Solid and Hazardous Waste

I.A. Effect of Permit

- I.A.1. The City of Logan (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 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 R315-15-15 of the Utah Administrative Code. This Permit shall be reviewed by the Director five years after the Permit’s effective date issuance or when the Director determines that the Permit requires review.
- 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 the modification request may be determined. 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

- 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.E. Record Retention

- I.E.1. The Permittee shall maintain all applicable used oil transportation records required by R315-15 of the Utah Administrative Code and this Permit at the Permittee's facility located at 290 North 100 West Logan, 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 written transportation records for both the collection and delivery of used oil. Collection and delivery records may be a log, invoice, manifest, bill of lading or other shipping document.
- I.F.2. For collections, the records shall include the Permittee's name, address, EPA identification number, vehicle identification number, driver name, date of collection, the volume of used oil collected and the type of collection (i.e., bulk oil in tankers or containerized, specifying container types and numbers). Additionally, the used oil records shall include the generator's, transporter's, transfer facility's, burner's, or processor's name and signature (dated upon receipt), address and EPA identification number.
 - I.F.2.a. The halogen content from screening tests or analytical laboratory testing shall be documented on the used oil record/bill of lading at each used oil collection location prior to loading for transportation
 - I.F.2.b. The Permittee shall record the PCB concentration based on analytical results of used transformer oil prior to collection/transport in accordance with Condition II.D.6.
- I.F.3. For deliveries, the delivery records shall include the Permittee's name, address, EPA identification number, vehicle identification number, driver name, date of delivery, the volume of used oil delivered and the type of delivery (i.e., bulk oil in tankers or containerized, specifying container types and numbers). Additionally, the used oil records shall include the receiving transfer facility's, burner's, processor's or other transporter's name and signature (dated upon receipt), address and EPA identification number.
 - I.F.3.a. The Permittee shall create a new delivery record for internal transfers between the Permittee's transportation vehicles.

I.G. Sampling and Analyses

- I.G.1. The Permittee shall follow all sampling and analytical procedures in Condition II.D, Used Oil Collection and Analytical Procedures, 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 R315-1 and R315-2 of the Utah Administrative Code or PCBs as defined by R315-301-2(53) 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 R315-2-7 of the Utah Administrative Code.
- I.H.3. The Permittee shall not place, manage, discard or otherwise dispose of used oil in any manner other than specified in R315-15-1.3 of the Utah Administrative Code.

I.I. Waste Disposal

- I.I.1. The Permittee shall document and maintain records showing proper characterization, handling and disposal for used oil related wastes, including oily wastewater.
- I.I.2. The Permittee shall properly characterize used oil related wastes to determine if the wastes are hazardous or non-hazardous in accordance with R315-15-8 of the Utah Administrative Code. All wastes generated during used oil operations shall be handled in accordance with this Permit and R315-15 of the Utah Administrative Code. The wastes shall be taken to an appropriate facility permitted to handle the type of waste generated.

I.J. Used Oil Storage

- I.J.1. The Permittee shall not store used oil 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 parking areas.
- I.J.2. The Permittee shall notify the Director 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.K. Liability and Financial Requirements

- I.K.1. The Permittee shall procure and maintain general liability and sudden used oil third-party environmental pollution liability coverage for the Permittee's operations as required by R315-15-10 of the Utah Administrative Code.
- 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 or upon request by the Director.

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

I.L. Used Oil Handler Certificate

I.L.1. In accordance with R315-15-4.1 of the Utah Administrative Code, the Permittee shall not operate as a used oil transporter 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.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. In addition, the authorized employee may collect 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 of the Utah Administrative Code, the Permittee shall prepare and submit an Annual Report, describing the Permittee's used oil activities (Form UO 004 (Annual Report for Used Oil Transporter Facilities), for the calendar year to the Director by March 1 of the year following the reported activity. The Annual Report shall also include all financial assurance documentation required by Form UO 004.

I.O. Other Laws

I.O.1. Nothing in this Permit shall be construed to relieve the Permittee of its 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 of the Utah Administrative Code.

I.Q. Effective Date

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

II.A. Transportation Operations

- II.A.1. The Permittee is authorized to transport used oil and deliver the used oil to another permitted transporter, transfer facility, processor and re-refiners or used oil burners in accordance with R315-15-4.4 of the Utah Administrative Code.
- II.A.2. 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.3. The Permittee shall comply with TSCA regulations when transporting used oil with PCB concentrations greater than or equal to 50 ppm (mg/kg).

II.B. Transport Vehicle Requirements

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

Table II.B: Vehicle Description

Type of Vehicle	Used Oil Capacity (gallons)
Tanker/Pup Trailer	1000

- II.B.2. All used oil transport vehicles 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. These designations shall be in place at all times the transport vehicle is transporting or storing used oil.
- II.B.3. All vehicles which transport used oil shall have a copy of the Permittee’s Used Oil Emergency Spill Plan maintained in the vehicle at all times.
- II.B.4. The Permittee shall maintain emergency spill cleanup materials in all vehicles used to transport used oil as required by Condition II.G of this Permit.

II.C. Used Oil Loading and Unloading Requirements

- II.C.1. The Permittee shall secure the vehicle by positioning wheel chocks and applying the emergency brakes before loading or unloading used oil.
- II.C.2. The Permittee shall inspect all used oil collection equipment (e.g., vehicles and associated pumping equipment) for any damage prior to use.
- II.C.3. The Permittee shall place buckets or other containers under piping connections to collect drips of used oil during loading and unloading operations.
- II.C.4. The Permittee shall ensure the amount of used oil to be loaded into the transport vehicle will not exceed the carrying capacity. The Permittee shall utilize a calibrated gauging instrument to measure used oil volume in each collection vehicle.
- II.C.5. The Permittee is not authorized to transfer to a railcar unless this Permit is modified with the information required by R315-15-13.4(a)(16) of the Utah Administrative Code.

II.D. Used Oil Sampling and Analytical Procedures

II.D.1. Prior to loading the used oil for transport, the Permittee shall collect a representative sample using from tanks and containers in accordance with the sampling procedures in Attachment 2 and screen the used oil for halogens using either Method 9077 specified in Condition II.D.4 or a Utah-certified laboratory or documentation to support generator knowledge.

II.D.2. Used oil determined to be on-specification by a Utah-registered marketer can be collected and transported without further testing. Bills of lading or used oil transportation records shall include copies of the analytical results for reference.

II.D.3. Bulk and Drum Sample Collection Requirements

II.D.3.a. The Permittee shall ensure a representative sample is collected from tanks, totes, drums or other containers from which used oil is collected. Sampling personnel shall be trained on appropriate sampling methods for each type of container and matrix.

II.D.3.b. Samples collected from bulk oil containers greater than 55 gallons shall be individual samples, not composite samples.

II.D.3.c. A representative composite sample may be collected from individual drums or containers containing used oil from the same source. A representative composite sample may consist of not more than four drums/containers or 220 gallons, whichever is less, per composite sample. The individual samples shall be taken and consolidated into one representative composite sample and tested.

II.D.3.d. Drums or containers of used oil from different sources or processes shall be sampled individually.

II.D.4. Halogen Field Screening Methods

II.D.4.a. The Permittee shall screen for halogens in the field, prior to the acceptance or delivery of used oil or oily water subject to R315-15 of the Utah Administrative Code as specified in Conditions II.D.4.b through II.D.4.d.

II.D.4.b. Used oil that contains less than 20% water shall be screened for halogens with a CLOR-D-TECT halogen test kit (EPA Method 9077).

II.D.4.c. 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:

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

- II.D.4.d. 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.
- II.D.4.e. The Permittee shall document on acceptance records the screening results to determine if the total halogens concentration of the incoming used oil is less than 1,000 ppm.
- II.D.4.f. Results of all halogen field screening results shall be recorded on the shipping document such as a bill of lading and results initialed by the sampler.
- II.D.4.g. The requirement for a quality control sample (duplicate) may be satisfied by testing prior to off-loading from permitted vehicles in accordance with the CLOR-D-TECT[®] kits (Method 9077 of SW846) and is not required for each load collected.

II.D.5. **Halogen Laboratory Analytical Methods**

- II.D.5.a 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 or other equivalent method approved by the Director.

II.D.6. **PCB Contaminated Used Oil**

- II.D.6.a. The Permittee shall not accept for transport used oil with PCB concentrations greater than or equal to 50 ppm. Used oils containing PCB concentrations greater than or equal to 50 mg/kg (ppm) are subject to TSCA regulations 40 CFR 761. Used oils containing PCB concentrations greater than or equal to 2 ppm but less than 50 ppm are subject to both R315-15 of the Utah Administrative Code and 40 CFR 761.
- II.D.6.b 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 (ppm) prior to loading the used oil into the transportation vehicle.
- II.D.6.c. Used oil may not be diluted to avoid any provision of any federal or state environmental rules.
- II.D.6.d. The Permittee shall assume that all subsequent loads of used oil are contaminated with PCBs and has a quantifiable PCB concentrations of 2 ppm or greater unless the equipment has been decontaminated as described in 40 CFR761 Subpart S.
- II.D.6.e. Table II.D lists required laboratory PCB sample preparation and analytical methods.

II.E. **Rebuttable Presumption**

- II.E.1. Used oil with total halogen concentrations greater than 1,000 parts per million (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.E.2. 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.

Table II.D: PCB Sample Preparation and Analytical Methods

Sample Preparation	Analytical Procedure	Analytes	
		PCB CAS RN	PCB Aroclor
3500C, 3580A	<ul style="list-style-type: none"> • 8082A • PCB Analytical Method • Analyses of the Aroclors bolded in the last column are mandatory. • Choose an additional two Aroclors from the last column for analysis which could be contained in the oil, which will make a total of seven Aroclors. 	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		

- II.E.3. If the additional testing shows that used oil has been mixed with a listed hazardous waste listed in R315-2-10 of the Utah Administrative Code, the mixture is subject to regulation as a hazardous waste regardless of the level of halogenated constituents.
- II.E.4. 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) of the Utah Administrative Code 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.E.5. 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.F. Used Oil Training**
- II.F.1. The Permittee shall train used oil handlers 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.F.2. The Permittee shall follow a written training program. 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.F.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 if Utah certified laboratory data is not available.

II.F.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.F.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.G. Spill Response, Remediation and Reporting

II.G.1. In accordance with R315-15-9.1(a) of the Utah Administrative Code, 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 a threat to human health or the environment.

II.G.2. Responders shall take action to prevent spill from spreading by utilizing absorbent, booms, pads, rags, etc.

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

II.G.4. The Director may require additional cleanup action to protect human health or the environment.

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

II.G.6. Vehicle spill kits shall contain, at a minimum, the equipment listed in Table II.G of this Permit and shall be checked daily prior to collection activities.

II.G.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.G.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.G.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.

Table II.G: Spill Kit Equipment Requirements

Equipment Description	Quantity
Shovel	1
Broom	1
Buckets	2
Spill Pads	10
Granulated Absorbent	2 ft ³
Boom/oil Socks	3
Spill Plan with Emergency Contact Numbers	1

ATTACHMENT 1

City of Logan Contingency Spill Plan

General Requirements

1. The City of Logan shall immediately cleanup any spill which occurs during the transportation and loading/unloading of used oil.
2. The City of Logan driver's shall verbally report significant spills to management and submit a completed spill report to a supervisor at or before the end of the driver's shift. Drivers are exempted from reporting "de minimis drips" to management that are immediately cleaned up by the driver.
3. Used oil transportation vehicles shall have a spill kit that contains, at a minimum, the spill equipment listed in Table 1.1.

Table 1.1: Spill Kit Equipment List for Vehicles

Equipment Description	Quantity
Shovel	1
Broom	1
Buckets	2
Spill Pads	10
Granulated Absorbent	2 ft ³
Boom/oil Socks	3
Spill Plan with Emergency Contact Numbers	1

4. Used oil spills exceeding 25 gallons, or smaller quantities that pose a risk to human health and the environment, shall be reported to management and the State of Utah, Department of Environmental Quality (DEQ) by calling the 24-hour spill hotline at **(801) 536-4123** immediately after containment of the spill.
5. A written spill report shall be submitted, within 15 days of a reportable spill, to the Department of Environmental Quality (DEQ), Division of Solid and Hazardous Waste (P.O. Box 144880 Salt Lake City, UT 84114-4880 or fax to (801) 536-0222). The spill report shall document the volume of oil spilled, date, time, location, nature of the incident; extent of any injuries, responsible person name (address and phone number), and final disposition of spilled oil and contaminated media generated during cleanup of the spill.
6. National Response Center (1-800-424-8802) shall be notified of highway or rail spills in accordance with 49 CFR 171.15 and a written report sent to the Director, Office of Hazardous Materials Regulations, Materials Transportation Bureau, Department of Transportation, Washington, D.C., 20590 (per 49 CFR 171.16).

Logan City Emergency Contacts Summary Table

Name	Title	Phone(s)
Mike Miller	Facility Manager	435- 881-0170
Utah DEQ	State of Utah	801-536-4123
National Response Center	Department of Transportation	800-424-8802

City of Logan Discharge Notification Form																				
Part A: Discharge Information		Name of Employee Reporting Spill:																		
General information when reporting a spill to outside authorities <table style="width: 100%; border: none;"> <tr> <td style="width: 25%; padding: 5px;">Name:</td> <td style="padding: 5px;">City of Logan</td> </tr> <tr> <td style="padding: 5px;">Address:</td> <td style="padding: 5px;">290 North 100 West Logan, Utah 84321</td> </tr> <tr> <td style="padding: 5px;">Telephone:</td> <td style="padding: 5px;">435-716-9000</td> </tr> <tr> <td style="padding: 5px;">Primary Contact:</td> <td style="padding: 5px;">Mike Miller</td> </tr> <tr> <td style="padding: 5px;">Telephone:</td> <td style="padding: 5px;">(435) 881-0170 cell</td> </tr> <tr> <td style="padding: 5px;">Email:</td> <td style="padding: 5px;">mike.miller@loganutah.org</td> </tr> </table>		Name:	City of Logan	Address:	290 North 100 West Logan, Utah 84321	Telephone:	435-716-9000	Primary Contact:	Mike Miller	Telephone:	(435) 881-0170 cell	Email:	mike.miller@loganutah.org	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; padding: 5px;">Type of oil:</td> <td style="width: 50%; padding: 5px;">Discovery date and time:</td> </tr> <tr> <td style="padding: 5px;">Total quantity released:</td> <td style="padding: 5px;">Discharge date and time:</td> </tr> <tr> <td style="padding: 5px;">Location/Source:</td> <td style="padding: 5px;">Affected media:</td> </tr> </table>	Type of oil:	Discovery date and time:	Total quantity released:	Discharge date and time:	Location/Source:	Affected media:
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Type of oil:	Discovery date and time:																			
Total quantity released:	Discharge date and time:																			
Location/Source:	Affected media:																			
		<input type="checkbox"/> Soil <input type="checkbox"/> Surface Waters <input type="checkbox"/> Storm Drain/Sewer/POTW <input type="checkbox"/> Other																		
Nature of discharges, environmental/health effects, and damages:																				
Actions taken to stop, remove, and mitigate impacts of the discharge:																				
Part B: Notification Log																				
Discharges of any Amount	Date and Time	Name of Person Receiving the Call																		
Mike Miller, Facility Manager (435) 881-0170 cell																				
Discharges Exceeding 25 gallons	Date and Time	Name of Person Receiving the Call																		
Logan City Fire Department/Other	911																			
Utah Department of Environmental Quality	(801) 536-4123																			
Other Notification Information:																				

ATTACHMENT 2

City of Logan Container/Tank Sampling Procedure

Required Equipment

COLIWASA Sampling Device:
Glass/Polypropylene/ plastic type tube or “tank” sampler.

Sampling Procedure

Collection

Step 1:

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

Step 2:

Slowly withdraw COLIWASA 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.

Step 3:

Discharge the sample by placing the lower end of the COLIWASA into a sampling bucket.

Step 4:

Screen sample using CLOR-D-TECT halogen test kit.

Step 5:

Empty the sample in the bucket back into the used oil container/tank.