



WASTE MANAGEMENT
& RADIATION CONTROL

Division Waste Management and Radiation Control

USED OIL PROCESSOR PERMIT



Permittee Name: Clean Harbors Grassy Mountain, LLC

Permittee Mailing Address: P.O. Box 22750
Salt Lake City, Utah 84122

Permittee Phone Number: (435) 884-8900

Permittee Contact: **Shane B. Whitney – General Manager**
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Facility Address: 3 miles East, 7 miles North of Knolls
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Type of Permit: Used Oil Processor Permit

Permit #: UOP-0156

EPA ID #: UTD991301748

Original Date of Issuance: May 24, 2016

Signature: _____ Date: _____

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

I.A. Effect of Permit

- I.A.1. Clean Harbors Grassy Mountain, LLC (hereafter referred to as “Permittee”) is hereby authorized to operate as a used oil processor in accordance with all applicable requirements of R315-15 of the Utah Administrative Code, 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. This permit shall be reviewed by the Director five years after the Permit’s effective date of 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 by reference.

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.B.2. 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’s business activity in order to maintain compliance with the conditions of this Permit and its attachments.

I.C. Permit Modification

- I.C.1. The Permittee may request modifications to any item or operational 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 issuances of a decision by the Director on the modification request. Implementing a modification prior to the Director’s written approval constitutes a violation of this Permit and may be grounds for enforcement action or permit revocation.
- I.C.2. Changes in operational activities include any expansion of the facility beyond the areas designated, alteration of processing operational parameters, changes in the type or number of storage tanks, piping, other processing equipment and changes to the contingency plan. The Director may require the Permittee to submit additional information when reviewing permit modification requests to ensure the safe handling of used oil at the processing facility in accordance with 19-6-710 (3)(b)(xii) of the Utah Administrative Code.
- I.C.3. The Director may modify this Permit as necessary to protect human health and the environment or because of statutory or regulatory changes.

I.D. Facility Maintenance and Emergency Equipment

- I.D.1. The Permittee shall maintain and operate the Processor Facility 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 that could threaten human health and the environment.
- I.D.2. The Permittee shall have communication systems, fire alarms and fire suppression equipment, and processing alarms in place and operational at the facility, as well as arrangements with local emergency response teams (e.g., fire, police, and hospital) in accordance with R315-15-5.3 of the Utah Administrative Code.
- I.D.3. The Permittee shall have written documentation of the inspection and maintenance of used oil processing equipment, containers, tanks, fire suppression systems (portable and fixed) and testing of emergency alarms for fire and other operational alarms set for processing equipment. The Permittee shall determine, document in writing and adhere to the scheduled frequency for inspections, maintenance and alarm testing to ensure safe operation as specified in Attachment 1 (Used Oil Equipment, Maintenance, and Inspection Procedures).
- I.D.4. To prevent access by unauthorized persons or vehicles during hours when the facility is closed and authorized personnel are not present, the Permittee shall secure the facility, lock the entrance security gate and maintain adequate perimeter fencing.
- I.D.5. The Permittee shall maintain [emergency spill kits and fire extinguishers at the facility at locations identified in Figure 1 of Attachment 1](#), ~~a diagram with the location of emergency spill kits and fire extinguishers (Attachment 1 Figure 1).~~

I.E. Spills and Contingency Plan

- I.E.1. The Permittee shall take all reasonable steps to minimize releases to the environment and shall carry out such measures as are necessary to protect human health and the environment. In the event of a release of used oil, the Permittee shall immediately take appropriate actions to comply with R315-15-9 of the Utah Administrative Code and this Permit (Attachment 2, Emergency Control and Contingency Plan).
- I.E.2. A secondary containment system for used oil process and storage tanks, piping and ancillary equipment shall be constructed and maintained for the facility in accordance with R315-15-5.5(c) of the Utah Administrative Code. The joints between the concrete floor and the tank pads shall be sealed to prevent migration of oil to the soil and groundwater.
- I.E.3. Used oil, water or other liquids that may accumulate in the secondary containment system or any ancillary facility sumps shall be removed within 24 hours of discovery to prevent the possible migration to soil, ground or surface waters.
- I.E.4. The Permittee shall document the inspections of the secondary containment system in accordance with Attachment 1. Inspection documents shall include inspector's name, date, areas inspected, any problems found, and the subsequent actions taken by the facility to maintain system integrity.

- I.E.5. The Permittee shall notify the Utah Department of Environmental Quality 24-hour Answering Service, (801) 536-4123, for used oil releases exceeding 25 gallons or for smaller releases that pose a potential threat to human health or the environment in accordance with R315-15-9 of the Utah Administrative Code.
- I.E.6. 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.
- I.E.7. All information required by R315-15-9.4 of the Utah Administrative Code shall be included in the report. The report shall also include a description of actions taken by the Permittee to prevent future spills.
- I.E.8. The Permittee shall document and maintain analytical and disposal records for a minimum of three years. The Permittee shall also characterize waste generated during the spill cleanup to determine if the waste is hazardous or non-hazardous in accordance with R315-15-8 of the Utah Administrative Code.
- I.E.9. The Permittee shall notify the Director within 24 hours when the used oil stored in tanks (including ancillary equipment) and containers has PCB concentrations greater than or equal to 50 mg/kg (parts per million).

I.F. Records

I.F.1. Retention

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- I.F.1.a. The Permittee shall maintain all used oil records required by R315-15 of the Utah Administrative Code and this Permit at the Permittee's Processor facility located at 3 miles east, 7 miles North of Knolls Exit 41, off I-80, Knolls in Utah. Records may be in hard copy or in an electronic format and shall be readily accessible for inspection by authorized representatives of the Director. The Permittee shall maintain, for a minimum of three years, all applicable used oil processor associated records required by R315-15 of the Utah Administrative Code and this Permit, with the exception of the operating record, which shall be kept until facility closure.

I.F.2. Operating Record

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- I.F.2.a. The Permittee shall maintain an operating record (paper or electronic) until final closure of the facility. The operating record shall include the following:
 - I.F.2.a.1. The name of the processing facility operator, the processing operations (description and time), any upset condition (e.g., alarms, mechanical failure) or any event that requires implementation of the facility's Contingency Plan.
 - I.F.2.a.2. The amount of used oil placed into or removed from each tank, the source of the used oil, tank maintenance and inspection and tank decontamination records.
 - I.F.2.a.3. Daily volume of oily water processed through the system, including any wastewater discharge records.

I.F.3. Tracking Records

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- I.F.3.a. Tracking records shall document the volume of used oil received by the facility from used oil transporters and the volume of used oil shipped from the facility and the name of the facility where the used oil was shipped for recycling or disposal.
- I.F.3.b. Tracking records shall include information required by R315-15-5.7 of the Utah Administrative Code in the form of shipping documents such as bills of lading, manifests, invoices or other applicable transportation documents generated by the Permittee or other used oil transporters.
- I.F.3.c. The Permittee shall only accept and deliver used oil using a Utah permitted used oil transporter in accordance with R315-15 of the Utah Administrative Code.

I.G. Sampling and Analysis Plan

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- I.G.1. The Permittee shall follow all sampling and analytical procedures in Section II.E through II.F, Used Oil Sampling 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.G.2. The Permittee shall have laboratory analytical data that documents the PCB concentration of used dielectric mineral oil drained from electrical transformers and other electrical equipment, regulated under 40 CFR § 761, prior to acceptance and placement in the facilities used oil storage tanks, containers or processing equipment.

I.H. Prohibitions

- I.H.1. The Permittee shall not manage used oil in surface impoundments or waste piles unless the units are subject to regulation under R315-7 or R315-8 of the Utah Administrative Code.
- I.H.2. Used oil shall not be placed, discarded or otherwise disposed in any solid waste disposal facility operated by a political subdivision or a private entity or in sewers, drainage systems, septic tanks, surface or ground waters, watercourses or on the ground.
- 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.H.4. 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.5. Used oil shall not be stored in tanks, containers or piping that have previously stored hazardous waste, unless the tanks, containers and piping are emptied as described in R315-2-7 of the Utah Administrative Code prior to storing or transferring used oil.
- I.H.6. The Permittee shall not accept used oil for processing with a PCB concentration greater than or equal to 50 mg/kg.

- I.H.7. The Permittee shall manage used oil with PCB concentrations of greater than or equal to 2 mg/kg but less than 50 mg/kg in accordance with R315-15-18 of the Utah Administrative Code. Used oil shall not be diluted to avoid any provision of any Federal or State environmental regulation.
- I.H.8. Used oil shall not be stored in tanks, containers or piping that have previously stored PCB contaminated materials at or above 50 mg/kg, unless the tanks, containers and piping or storage units are decontaminated as described in 40 CFR 761 Subpart S prior to storing or transferring used oil. Any used oil that was mixed with the PCB-contaminated material shall be managed in accordance with R315-15-18 of the Utah Administrative Code and 40 CFR 761 Subpart S, as applicable.

I.I. Waste Management

- I.I.1. The Permittee shall determine through characterization, before disposal, if used oil or solid waste generated from spills or operational activities is hazardous or non-hazardous waste.
- I.I.2. The Permittee shall document and maintain records showing proper characterization, handling and disposal for all used oil related waste, including oily wastewater if sent for disposal.
- I.I.3. The Permittee may dispose of non-hazardous used oils in accordance with R315-15-1.3 and R315-15-8.2(b) of the Utah Administrative Code.
- I.I.4. The Permittee shall not utilize used oil as a dust suppressant, weed suppressant, for road oiling or for other similar uses that have the potential to release used oil into the environment.
- I.I.5. The Permittee shall follow the Waste Analysis Plan (WAP) in Clean Harbor's [Grassy Mountain, LLC's RCRA Part B](#) Hazardous Waste Treatment, Storage and Disposal Permit (Attachment II- WAP) for proper characterization and disposal of wastes.

I.J. Liability and Financial Assurance Requirements

- I.J.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 sudden release of use oil in accordance with R315-15-10 through 12 of the Utah Administrative Code and this Permit.
- I.J.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.J.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 changes.

I.K. Cleanup and Closure Plan

- I.K.1. The Permittee shall evaluate closure plan cost estimates that ensures the removal of all used oil and used oil residues and the remediation of any releases of contaminants to surface waters, groundwater and soils in Attachment 3, Closure Plan.
- I.K.2. The Permittee shall update its closure plan cost estimates and provide the update estimated to the Director, in writing, within 60 days following a facility modification that causes an increase in the amount of 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.
- I.K.3. 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 Processor Permit in accordance with the requirements of R315-15-11.3 of the Utah Administrative Code and this Permit.
- I.K.4. Within 60 days of completion of cleanup and closure, the Permittee shall submit to the Director 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.K.5. 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.L. Used Oil Training

- I.L.1. The Permittee shall train employees that handle used oil in the applicable regulatory requirements of R315-15 of the Utah Administrative Code and the requirements of this Permit.
- I.L.2. The Permittee shall implement the written training plan in Attachment 4. Employee training shall include identification of used oil, recordkeeping requirements and facility used oil procedures for the handling, storing, processing, sampling and analysis of used oil, emergency response, spill reporting and personal safety.
- I.L.3. The Permittee shall train new and existing employees in the handling of used oil and PCB contaminated used oil. New employees may not manage or process used oil without a trained employee present until their used oil training is completed.
- I.L.4. Employees authorized to test used oil shall demonstrate competence to lock down the tank/container, collect a representative used oil sample, screen used oil for halogens using a Clor-D-Tect kit (EPA method 9077) or prepare required documentation to submit sample to the laboratory for analysis.

- I.L.5. The Permittee shall provide, at a minimum, an annual used oil-training refresher course for employees handling used oil. Additional training is required when the Permittee changes used oil-handling operational procedures.
- I.L.6. 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.
- I.M. Used Oil Handler Certificate**
- I.M.1. In accordance with R315-15-5 of the Utah Administrative Code, the Permittee shall not operate as a used oil processor without obtaining annually a Used Oil Handler Certificate from the Director. The Permittee shall pay a used oil handler fee, pursuant to Utah Administrative Code Annotated Section 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 representative of the Director may have access to and the right to copy any records relating to used oil activities. Authorized officers may use any reasonable means to document inspection activities (e.g. photographic, videotape or electronic). In addition, the authorized representative may collect soil, ground water, or surface water samples to evaluate the impact of this facility's used oil operations.
- I.N.2. Failure to allow reasonable access to the property by authorized employees is a "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. The Annual Report shall describe the Permittee's used oil activities in Utah and document financial assurance using Form UO 004, Annual Report for Used Oil Processor Facilities.
- 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 assessed 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.

II.A. General Operation

- II.A.1. The Permittee is authorized to process used oil in accordance with R315-15-5 of the Utah Administrative Code at its facility located 3 miles East, 7 miles North of Knolls, Exit 41, off I-80, Knolls, Utah.
- II.A.2. The Permittee shall have a current process and instrument diagram (PID), certified by a Utah professional engineer, depicting all used oil storage and processing equipment (Attachment 5).
- II.A.3. The Permittee shall only store used oil in tanks, ~~containers~~containers, or units subject to regulations under R315-7 or R315-8 of the Utah Administrative Code and maintain tanks, containers, associated piping, pumps and valves in good operational condition.
- II.A.4. The Permittee shall maintain and operate the facility to minimize the possibility of a fire, explosion or any unplanned sudden or non-sudden release of used oil to air, soil, surface water or groundwater that could threaten human health or the environment.
- II.A.5. The Permittee is authorized to store ~~21,146~~57,446 gallons of used oil containing less than 50 mg/kg PCBs at the facility. ~~in the tank and associated piping listed in Section II.C (Attachment 1, Figure 2).~~
- II.A.6. The Permittee shall only accept used oil from Utah-permitted used oil transporters.
- II.A.7. Prior to shipping used oil processed at the facility, the Permittee shall determine in accordance with its Used Oil Marketer Registration that the used oil does not exceed any allowable levels of the constituents and properties specified in R315-15-1.2.

II.B. Processing Description

- II.B.1. The Permittee may process used oil using gravity separation to dewater used oil stored at the facility. ~~Used oil will be placed in tanks and dewatered using gravity separation only.~~

II.C. Used Oil Storage

- II.C.1. The Permittee shall only store used oil in the tanks and containers specified in Table II.C.1.
- II.C.2. Used oil storage tanks and containers with PCB concentrations greater than or equal to 2 mg/kg and less than 50 mg/kg shall have a label which states the PCB concentration of the used oil is ~~have a label that identifies the PCB concentration of the stored used oil as 1) less than 2 mg/kg PCB (<2 mg/kg PCB or 2) greater than or equal to 2 mg/kg and less than 50 mg/kg (≥ 2 mg/kg ~~and~~ <50 mg/kg).~~
- II.C.3. The Permittee shall conduct inspections of used oil storage containers, tanks and secondary containment systems in accordance with Attachment 1 of this Permit. The Permittee shall record the inspector's name, the time and date of the inspection and the condition of the tanks, storage containers and secondary containment systems. The Permittee shall document in the inspection form (Attachment 1, RCRA Part B Treatment Storage and Disposal Permit – Attachment 10) any issues discovered

during the inspections (e.g., leaking tanks or water accumulation) and any actions taken by the Permittee to resolve these issues.

II.C.4. The Permittee shall label used oil storage tanks, piping, drums and containers with the words "USED OIL."

Table II.C.1: Description of Used Oil Storage Tanks, ~~and Containers~~ ~~Totes and Drums~~.

<u>Tank No./Quantity Containers</u> Container No.	<u>Container Type Capacity (Gal)</u>	<u>Description Capacity (Gallons)</u>	<u>Storage Location</u>
107-TN-007	<u>Steel Tank</u> 21,146	<u>21,146 Steel Tank</u> (Diameter 12" - Height 25")	<u>Area III - Tank Farm</u> (Area III)
<u>180</u>	<u>Steel/Poly Drums</u> (55 gallon)	<u>9,000</u>	<u>PCB Services Building and RCRA Container Storage Building</u>
<u>80</u>	<u>Steel/Poly Totes</u> (≤ 330 gallons)	<u>26,400</u>	<u>PCB Services Building and RCRA Container Storage Building</u>
<u>Total Used Oil Capacity (Gallons): 57,446</u>			

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II.C.5. The Permittee shall keep ~~drums and~~ containers of used oil closed except ~~while~~ when actively removing or and adding used oil to the container.

II.D. Used Oil Vehicle Loading and Unloading Requirements

II.D.1. The Permittee shall ensure that personnel follow procedures in Attachment 6 (Used Oil Vehicle Loading and Unloading) while ~~operations involving the~~ loading or unloading ~~of used oil from vehicles, are conducted safely by personnel in accordance with procedures in Attachment 6, Used Oil Vehicle Loading and Unloading Procedures.~~

II.E. Used Oil Sample Collection

II.E.1. The Permittee shall ensure a representative used oil sample is collected from tanks, totes, drums or other containers for used oil samples used to document compliance with R315-15 of the Utah Administrative Code and the Used Oil Sampling Procedures in Attachment 7 of this Permit. ~~this Permit, Attachment 7, Used Oil Sampling Procedures.~~

II.E.2. Sampling personnel shall be trained on appropriate sampling methods for each type of container and matrix in accordance with Attachment 4, Used Oil Training Plan.

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II.E.3. Composite sampling is only allowed for a maximum of 500 gallons from containers of used oil received at the facility that is generated from the same source or process.

II.F. Used Oil Analytical Requirements

II.F.1. The Permittee shall only accept used oil or oily water, subject to R315-15 of the Utah Administrative Code, that has halogen concentrations less than 1,000 ppm (recorded on used oil transporter shipping document). Used oil with halogen concentrations between 1,000 ppm and 4,000 ppm may be accepted for processing, if the Permittee rebuts the hazardous waste presumption (II.F.7) or has documentation (analytical data) from a prior used oil handler that the used oil is not a hazardous waste. The Permittee shall attach any analytical results used to rebut the hazardous waste presumption to the shipping documents.

II.F.2. The Permittee may document halogen content of outgoing used oil on shipment delivery records through either analytical testing or using “generator knowledge.” The Permittee shall have information on ~~file~~ [file](#), which is sufficient, as determined by the Director, to support the use of generator knowledge.

II.F.3. The Permittee shall obtain analytical data from the used oil transporter that confirms the PCB concentration of the used oil is less than 50 mg/kg, prior to accepting used transformer oil.

II.F.4. **Halogen Field Screening Method 9077**

II.F.4.a. The Permittee may screen used oil received at its facility to verify halogen concentrations, when applicable, using a halogen field screening method accordance with the following requirements:

II.F.4.a.i. 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.F.4.a.ii. 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.

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

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:

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

II.F.4.a.iii. 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.F.4.b. The Permittee shall record the halogen screening results on the acceptance and delivery record (e.g. bill of lading or manifest). The halogen screening results shall be initialed by the operator who performed the halogen screening.

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

II.F.5.a. In lieu of screening with a CLOR-D-TECT® kit, method 9077, the Permittee may collect and submit representative used oil samples to a Utah-certified laboratory to

analyze for total halogen concentrations using EPA methods 9056A, 9075, 9076, 9253 or other equivalent method approved by the Director prior to placing used oil into the tanks or processing system.

II.F.6. PCB Contaminated Used Oil

II.F.6.a. The Permittee shall not accept ~~store~~ ~~for storage~~ or ~~processing~~ used oil with PCB concentrations greater than or equal to 50 mg/kg. Used oil contaminated with PCB's may not be diluted to avoid any provision of any federal or state environmental regulation.

II.F.6.b. Records of any laboratory test results used to demonstrate PCB concentrations are less than 50 mg/kg shall be attached to the shipping document acceptance records for used transformer oil received at the facility.

II.F.7. Rebuttable Presumption

II.F.7.a. Used oil that exceeds the halogen content of 1,000 ppm is presumed to be a hazardous waste and shall not be placed into the facility tanks, vehicles or storage vessels unless the Permittee rebuts the hazardous waste presumption in accordance with the rebuttable presumption requirements of R315-15 of the Utah Administrative Code and this Permit.

II.F.7.b. The Permittee shall 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.

II.F.7.c. The halogenated compounds that must be considered in the rebuttable presumption are listed in 40 CFR 261 Appendix VIII, which includes volatiles, semi-volatiles, PCBs, pesticides, herbicides and dioxin/furans.

II.F.7.d. The rebuttable presumption does not apply to metalworking oils/fluids containing chlorinated paraffins if they are processed through a tolling arrangement as described in Subsection R315-15-2.5(c) of the Utah Administrative Code to reclaim metalworking oils/fluids. The presumption does apply to metalworking oils/fluids if such oils/fluids are recycled in any other manner or disposed.

II.F.7.e. 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 oil contaminated with CFCs that have been mixed with used oil from sources other than refrigeration units.

II.G. Facility Closure

II.G.1. At time of closure, the Permittee shall implement the approved closure plan in Attachment 3 of this Permit ~~and~~ ~~which will~~ evaluate ~~the~~ potential impacts of used oil operations on the surrounding soil, groundwater and surface water at the facility in accordance with R315-15-11 of the Utah Administrative Code and this Permit.

- II.G.2. The Permittee shall be responsible for any cleanup of any contamination of soil, groundwater and surface waters on the property and contamination that has migrated beyond the facility property boundaries in accordance with R315-15-11(d) of the Utah Administrative Code.
- II.G.3. Closure of the facility shall include, but not be limited to, used oil tanks, storage areas, loading docks, sumps and other ancillary equipment and piping. [The costs to close the facility are listed in Table 1 of Attachment 3.](#) ~~Table 1 provides the estimated closure cost for soil and groundwater investigation.~~
- II.G.4. **Closure Certification**
- II.G.4.a. The Permittee shall, within 60 days of completion of cleanup and closure, submit to the Director a certification that the used oil facility has been cleaned and closed in accordance with R315-5-11 of the Utah Administrative Code.
- II.G.5. **Soil and Groundwater Testing**
- II.G.5.a. At time of the closure of the facility, the Permittee shall sample the soil and groundwater to determine potential contamination from operational activities. The Permittee shall submit a Level IV data validation analytical package from a Utah-certified laboratory, within 30 days of receipt, to the Director for review and approval.
- II.G.6. **Plant Decommission Certification**
- II.G.6.a. Unless otherwise approved by the Director, plant decommission at time of closure requires removal of all used oil. Other media shall be recovered from all containers and any other ancillary equipment.
- II.G.6.b. The Permittee shall characterize the used oil at time of closure to determine the proper method for recycling or disposal.
- II.G.6.c. Rinsate water and solids generated from used oil cleaning operations shall be transported to an appropriately permitted recycling or waste disposal facility.
- II.G.7. **Closure Certification Costs**
- II.G.7.a. ~~Closure of the facility in accordance with the requirements of this Permit shall be certified by a~~ [The Permittee shall submit to the Director a certification from a](#) Utah certified independent Professional Engineer (P.E.) that the facility has been cleaned and closed in accordance with the specifications in the approved closure plan.
- II.H. **Emergency Spill Response and Remediation**
- II.H.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 smaller spills if it poses a threat to human health or the environment.

- II.H.2. Responders shall take action to prevent spill from spreading by utilizing absorbent, dirt, booms, pads, rags, etc.
- II.H.3. Once the material is containerized, a waste determination shall be made to determine the proper method for disposal.
- II.H.4. Spill kits shall contain, at a minimum, the equipment listed in Table II.H.6 of this Permit.

Table II.H.6: Spill Kit Equipment Requirements

Equipment Description	Quantity
Shovel	1
Buckets	1
Spill Pad	10
Granulated Absorbent	2 ft ³
Boom/Oil Socks	1
Spill Plan with Emergency Contact Numbers	1
Blank Spill Report Sheets	2

- II.H.5. All costs associated with the cleanup shall be at the expense of the Permittee.
- II.H.6. The Director may require additional cleanup action to protect human health or the environment.

II.I. Used Oil Release Notification and Reporting

- II.I.1. The Permittee shall notify the Utah Department of Environmental Quality 24-hour Answering Service, (801) 536-4123, for used oil releases exceeding 25 gallons or smaller releases that pose a potential threat to human health or the environment (See R315-15-15-9.1(b) of the Utah Administrative Code). All relevant information, including but not limited to, date, time and location, personnel ~~involved~~involved, and emergency response actions taken by the Permittee or other emergency responders shall be included in the notification.
- II.I.2. In accordance with R315-15-9.1(b) 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.I.3. 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 shall be included. The report shall also include actions taken by the Permittee to prevent future spills.

II.I.4. The Permittee shall notify the National Response Center at 1-800-424-8802, if required by 40 CFR Part 110 or 112, the discharge of used oil from the facility that impacts any navigable waters or adjoining shorelines.

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Attachment 1

Used Oil Equipment, ~~Maintenance~~Maintenance, and Inspection Procedures

1.0 PURPOSE

This procedure is designed meet the used oil regulatory requirements for the maintenance and inspection requirements of R315-15 of the Utah Administrative Code and Clean Harbors Grassy Mountain, LLC's (Clean Harbors Grassy) Used Oil Processor Permit to assure the protection of human health and the environment. The location of the used oil processing areas and emergency equipment are shown in Attachment 1 - Figure 1. Clean Harbors Grassy shall document the inspection and maintenance of used oil processing equipment, containers, tanks, fire suppression systems (portable and fixed), and facility emergency equipment and alarms. Inspection forms may consist of either a written hardcopy or equivalent electronic format. Inspection forms and any associated documents (i.e. actions taken due to deficiencies) shall be incorporated into the facility's Operating Record.

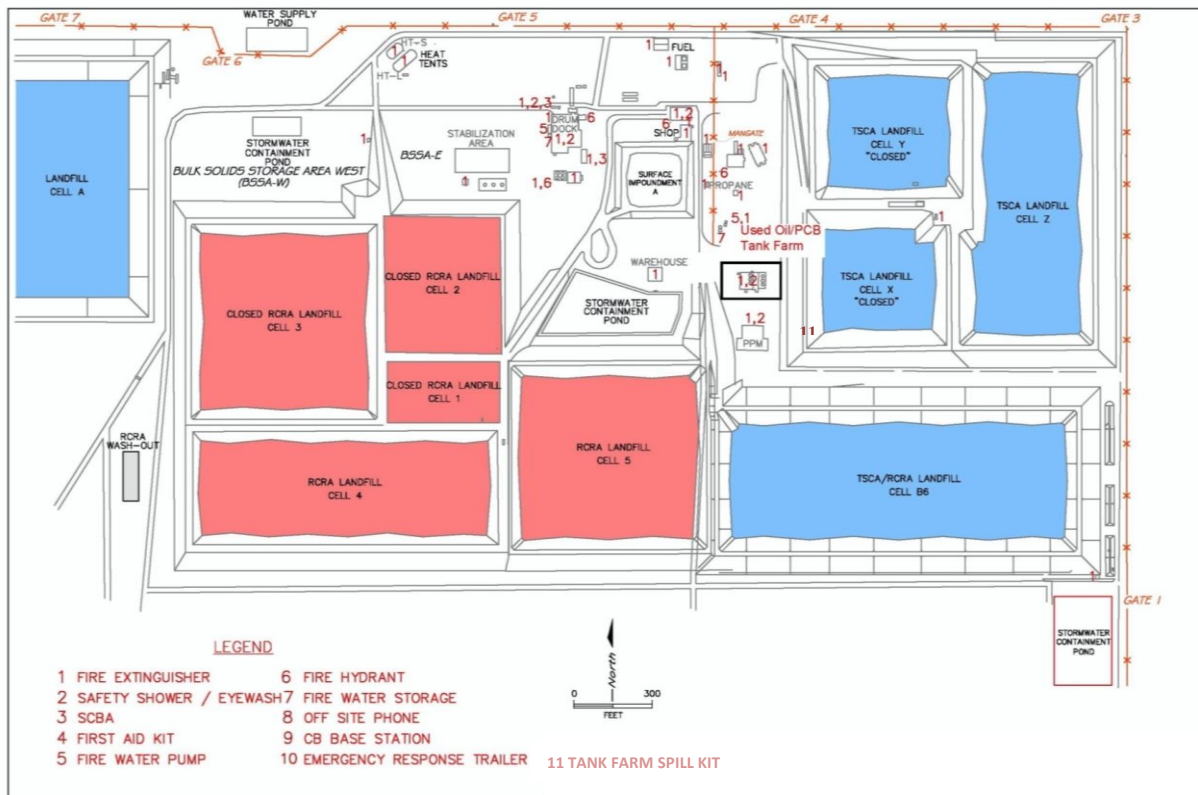
2.0 INSPECTIONS

Used oil processing areas shall be inspected, at a minimum, according to the frequency specified in Clean Harbor's Grassy's Hazardous Waste Treatment, Storage and Disposal Permit (RCRA Part B Permit), Attachment 10. Inspectors are required to document the date, time of inspection, name of the inspector, the status of each inspected item, the reason for each "not ok" status checked and either the date corrective action was taken, along with the initials of the person making the determination on the inspection forms in the RCRA Part B Permit Attachment 10. If the inspector documents any problems during the inspection he will report the deficient condition to Clean Harbor's Grassy's management. Clean Harbors Grassy management will verify (written documentation) that any deficiencies identified during the inspection are corrected in a timely manner and used oil spills are immediately cleaned-up. If deficiencies are found during the inspection, Clean Harbors Grassy will inspect the unit weekly until the deficiency has been corrected.

Inspectors shall receive appropriated training (see Attachment 4, Used Oil Training Plan) to enable them to identify any problems associated with the used oil processing emergency equipment. These records shall be maintained at the facility in a readily available location and maintained for a minimum of three years from the applicable record's inspection date.

Attachment 1-Figure 1
Figure 1: Facility Diagram and Location of Emergency Equipment

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Attachment 1

Figure 2: Container and Bulk Used Oil Storage Area Locations



Attachment 2

Emergency Control and Contingency Plan

Clean Harbors [Grassy Mountain, LLC's](#) RCRA Part B Hazardous Waste Treatment, Storage and Disposal Permit, Attachment II-5 and II-6 shall be used as [the Permittee's](#) ~~Grassy Mountain Facility's~~ used oil Emergency Control and Contingency Plan. The plan is in accordance with the requirements of the Utah Administrative Code R315-15.5 to implement a contingency plan and emergency procedures including the appropriate equipment required to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of used oil to air, soil, or surface water.

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**Attachment 3
Closure Plan**

The Permittee's used oil processing facility operated by Clean Harbors will be closed in a manner that minimizes the need for further maintenance and eliminates, minimizes, or controls the possible hazards to human health and the environment in accordance with Clean Harbor's Grassy Mountain, LLC's RCRA Part B Hazardous Waste Treatment, Storage and Disposal Permit (Attachment II-7) and this Permit. The estimated cost for the clean up and closure of this used oil processing facility are itemized in Table 1 of Attachment 3. ~~task clean up and closure costs for financial assurance are estimated in Attachment 3 (Table 1).~~ The financial assurance for closure is provided under Clean Harbor's Grassy Mountain, LLC's RCRA Part B Hazardous Waste Treatment, Storage and Disposal Permit.

Table 1: Itemized ~~Task~~ Clean up and Closure Costs for Financial Assurance

Plant Decommission			
Description	Items/Unit	Rate/Item	Item Cost
Bulk Oil -Incineration/Disposal (PCB) (21,146 gal@7.6 lb./gal)	160,710 lb.	\$0.32/lb.	\$51,427.00
Bulk Oil - Transportation	3 Loads	\$300.00/Load	\$900.00
Oil Drums (55 gallon) - Incineration/Disposal	180 Drums	\$65.00/Drum	\$11,700.00
Oil Drums - Transportation	3 Loads	\$300.00/Load	\$900.00
Oil Totes (330 gallon) - Incineration/Disposal	80 Totes	\$409.00/Tote	\$32,720.00
Oil Totes - Transportation	4 Loads	\$300.00/Load	\$1,200.00
Tank - Cleaning and Rinsate Disposal	1 Tank	\$3,000.00/Tank	\$3,000.00
Soil and Groundwater Investigation			
Description	Items/Unit	Rate/Item	Item Cost
Sampling (Soil & Water)	8 samples	\$150.00/Sample	\$1,200.00
Sampling Rig Mobilization	1 mobilization	\$1,200.00/Mobilization	\$1,200.00
Laboratory Analytical Cost	8 samples	\$1,200.00/Sample	\$9,600.00
Division Review and Closure Certification			
Description	Items/Unit	Rate/Item	Item Cost
Independent P.E. Verification of Closure	1 Certification	\$3,000.00/Certification	\$3,000.00
DWMRC Review	40 Hours	\$110.00/Hour	\$4,400.00
Total Closure Costs: (Estimate-September 2020)			\$121,247.00

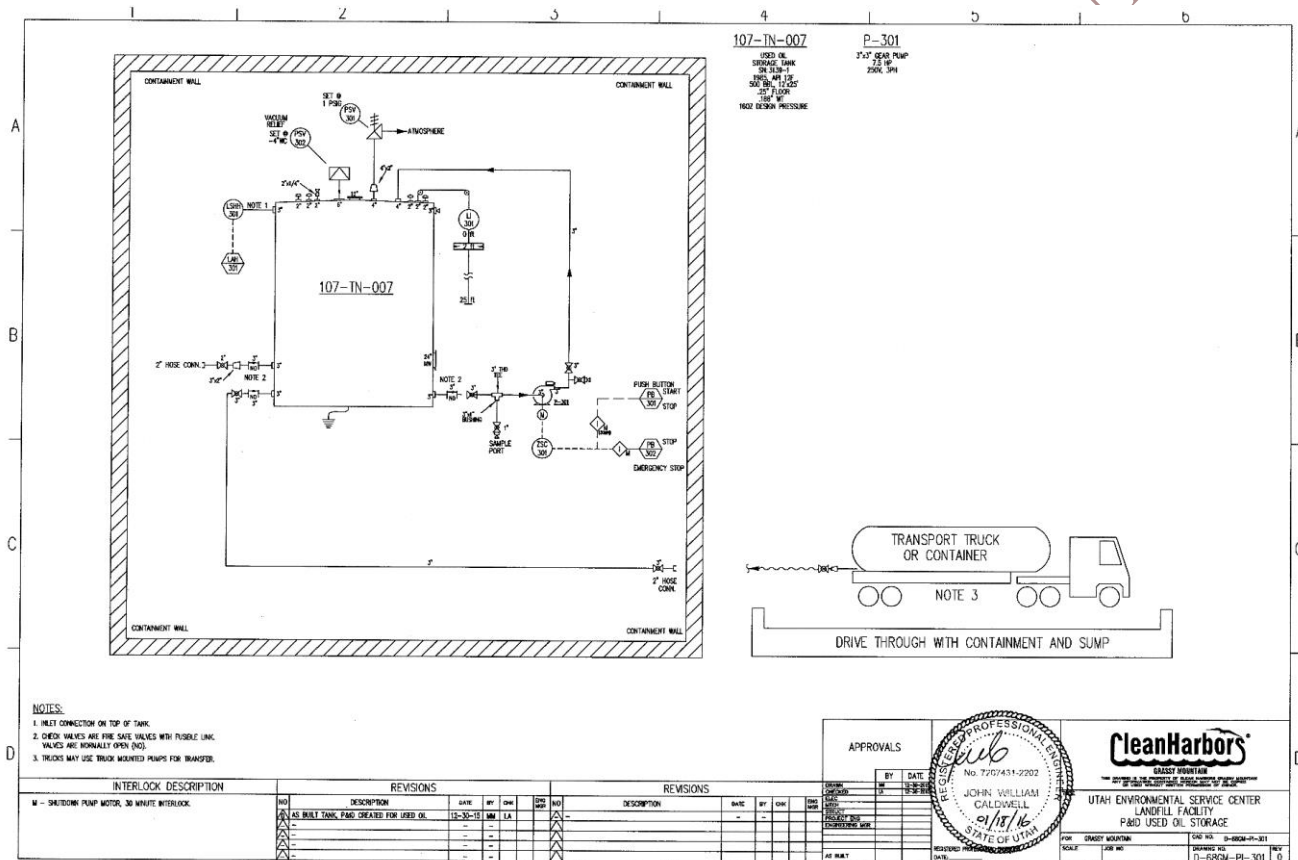
Description	Item Amount	Rate	Cost
Plant Decommission: Removal of Used Oil Inventory and Other Wastes			
Used Oil removal / incineration	21,146 gal x 13.5 lb/gal	\$0.12/lb	\$34,257.00
Used Oil Removal Transportation Costs:	3 loads	\$300.00/Tanker Load	\$900.00
Tank Decontamination & Rinsate Disposal	1 tanks	\$1800.00/tank	\$1,800.00
Facility Soil and Water Investigation			
Sampling (Soil & Water)	8 samples	\$150.00/sample	\$1,200.00
Sampling Rig Mobilization	1 mobilization	\$1,200.00/mobilization	\$1,200.00
Laboratory Analytical Cost	8 samples	\$1,200.00/sample	\$9,600.00
Final Closure Verification Costs			
Independent P.E. Verification of Closure	1 certification	\$1000.00/certification	\$1000.00
Division of Waste Management Review	20 hours	\$90.00/hour	\$1800.00
Total Closure Cost Estimate: \$51,775.00			

Attachment 4
Used Oil Training Plan

- 1.0 Employees must be instructed on the handling of used oil, the operation and maintenance of used oil processing equipment, analytical methods and sampling procedures, the appropriate use of generator knowledge to determine halogen content of used oil in lieu of analytical testing and the facility's Emergency Control and Contingency plan. The training should include resources available for spill response, proper waste disposal and emergency communication procedures.
- 2.0 Employees who are trained in accordance with the plan shall receive annual refresher training of sufficient content and duration to maintain their competencies.
- 3.0 The facility management will maintain a written description of training activities and generate a training record for each employee to document employee training.
- 4.0 Employees will be trained prior to managing used oil under this Permit or will not be allowed to conduct used oil processing operations without the presence of a trained employee until training is completed.

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Attachment 5 Process and Instrument Diagram



Attachment 6
Used Oil Vehicle Loading and Unloading Operations
Standard Operating Procedure - UO-1

Standard operating procedures (SOP) UO-1 addresses the loading and unloading of used oil at the facility. Vehicles may be unloaded or loaded in the area marked as Sump-005 on the diagram in Attachment 1. The area is a concrete truck pad with secondary containment sump situated east of Area III.

Procedures

1. Operators shall secure the vehicle by positioning wheels chocks and apply the emergency brakes before loading or unloading used oil from vehicles.
2. The operator shall inspect valves and hoses on tanker trucks/used oil tank for leaks and if necessary tightened, adjust, or replace if leaks are found.
3. The operator shall ensure the amount of used oil to be loaded into the transport vehicle or the storage tank will not exceed the capacity of the container.
4. The operator shall clean up any spills of used oil in accordance with Clean Harbors' emergency controls and contingency plan.
5. The operator shall assure that shipping paperwork is completed correctly and placed in the facilities records.

Attachment 7
Used Oil Tank Sampling Procedures

Required Equipment

One one-liter amber glass sample container with Teflon lined lid.

Tank 107-TN-007 Lock Down Procedures

~~All outgoing oil shall be tested for PCB's before leaving the facility.~~

Step 1:

The operator shall "lock down" the tank valve so that used oil cannot be added or removed from the tank. The operator shall record the time the tank was locked down and volume of used oil in the facility's operating record. A representative sample will be collected from the tank and sent to a Utah certified laboratory for analysis

Step 2:

The operator may remove the lock on the tank after review of the sample analytical results and pump the oil from the tank into a used oil transportation vehicle for delivery to the customer. The operator shall record the time the lock was ~~removed~~ removed, and the volume of oil removed from the tank in the operating record.

Container Sampling Procedure

Step 1:

Remove free water from the tank prior to starting the process described below.

Step 2:

The oil will be circulated in the tank by pumping it out of the 3" valve, which is approximately 12" off the bottom of the tank, and into the 3" pipe which returns to the top of the tank. To ensure a homogenous mixture the oil will be circulated for a minimum of 30 minutes.

Step 3:

Draw sample from sample port approximately 4' up from the bottom of the tank.

Step 4:

Properly label the sample jar and send to a Utah certified laboratory for analysis.