



Division Waste Management and Radiation Control



USED OIL PROCESSOR PERMIT

**Permittee Name:** Tri State Oil Reclaimers, Inc.

**Permittee Mailing Address:** 1770 Otto Road  
Cheyenne, WY 82007

**Permittee Phone Number:** Office: (307) 635-5332

**Permittee Administrative Contact:** Charles R. Welty, Owner  
Cell: (307) 631-2672  
Office: (307) 635-5332  
Email: tristateoilreclaimers@gmail.com

**Facility Physical Address:** 2400 South 1900 West  
West Haven, Utah 84401

**Facility Contact (Utah):** Gary Cox, Facility Manager  
Cell: (801) 599-5837  
Email: tri.state.used.oil@gmail.com

**Type of Permit:** Used Oil Processor Permit

**Permit #:** UOP-XXX

**Original Issuance Date:** [Date]

**EPA ID #:** UTR000015651

Signature: \_\_\_\_\_ Date Issued: \_\_\_\_\_

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

**I.A. Effect of Permit**

- I.A.1. Tri State Oil Reclaimers Inc (hereafter referred to as “Permittee”) is hereby authorized to operate as a Used Oil Processor located at 2400 south and 1900 west, West Haven, Utah, 84401 (Attachment 1 – Facility Site Plan Map). The Permittee shall operate in accordance with all applicable requirements of R315-15 of the Utah Administrative Code (UAC) (Rules) and of the Used Oil Management Act (the Act) 19-6-701 et. seq. Utah Code 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 UAC.
- I.A.3. Attachments incorporated by reference are enforceable conditions of this Permit, as are documents incorporated by reference into the attachments. Language in Conditions I and II supersedes any conflicting language in the attachments or documents incorporated into the attachments.
- I.A.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’s business activity in order to maintain compliance with the conditions of this Permit and its attachments.

**I.B. Permit Revocation**

- I.B.1. Violation of any permit condition or failure to comply with any applicable 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 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 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.1.a. The Permittee shall give written notice to the Director, in advance, of any planned changes to a permitted used oil/oily water management unit or activity that the Permittee does not consider as requiring a permit modification. The Director will notify the Permittee that it is agreed, either that no permit modification is required, or the proposed changes require a permit modification.
- I.C.2. Modifications 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 equipment, and changes to the Emergency Response and Contingency plan.

- I.C.3. 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 Section 19-6-710(3)(b)(xii) Utah Code.
- I.C.4. The Director may modify this Permit as necessary to protect human health and the environment or because of statutory or regulatory changes.
- I.C.5. The Permittee shall notify the Director in writing of any non-substantive administrative changes, (e.g. contact name, mailing address, and phone numbers) to the contact person, within 20 days of the change.
- I.D. Emergency Controls Systems and Facility Maintenance**
- 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 in place and operational at the facility, as well as arrangements with local emergency response teams (i.e. fire, police, and hospital) in accordance with R315-15-5.3 of the UAC.
- I.D.3. The Permittee shall have written documentation of inspections, conducted weekly, of the tank farm, secondary containment, and emergency equipment (e.g. fire extinguishers and spill materials) in accordance with Attachment 2 (Facility Inspections).
- I.D.4. Weekly inspection documents shall include inspector's name, date, areas inspected, any problems identified, and the subsequent actions taken by the facility to maintain system integrity.
- I.D.5. The Permittee shall lock the perimeter fence gates during hours when authorized personnel are not present to prevent access by unauthorized persons.
- I.D.6. The Permittee shall maintain spill kits and fire extinguishers as specified in Attachment 3 (Emergency Controls and Contingency Plan). Locations of the spill kits and fire extinguishers shall be identified on the Facility Site Plan Map in Attachment 1.
- I.D.7. The Permittee shall maintain a secondary containment system for the used oil tank farm in accordance with R315-15-5.5(c) of the UAC, and liner (impermeable) under the vehicle loading/unloading area to prevent contamination of soils, surface waters, and groundwater at the facility.
- I.D.8. Within 24 hours of discovery of used oil, stormwater or other liquids that may accumulate in the tank farm secondary containment system shall be removed and properly managed by the Permittee to prevent the possible migration of these liquids to soil, ground, or surface waters.

**I.E. Emergency Controls 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 in accordance with the Permittee's Emergency Controls and Contingency Plan (Attachment 3), and R315-15-9 of the UAC.
- I.E.2. The Permittee shall keep a copy of the current Emergency Controls and Contingency Plan (Attachment 3) on site until facility closure.
- I.E.3. The Permittee shall provide a current copy to local police, fire departments, hospitals and State local emergency response teams that may be called upon during an emergency in accordance with R315-15-5.3(b)(3) UAC.
- I.E.4. The Permittee shall implement the Emergency Controls and Contingency Plan (Attachment 3) whenever there is an imminent or an actual emergency.
- 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 R315-15-9.1 of the UAC. The Permittee shall provide the information required by R315-15-9.1(c) of the UAC.
- I.E.6. In accordance with R315-15-9.4 of the UAC, the Permittee shall submit to the Director a written report within 15 days of any reportable release of used oil. The report shall also include a description of actions taken by the Permittee to prevent future spills.

**I.F. Recordkeeping**

- I.F.1. The Permittee shall maintain all used oil records (hard copy or electronic format) required by the Rules and Permit Conditions. All records shall be readily accessible for inspection by authorized representatives of the Director.
- I.F.2. Training and Financial Assurance
- I.F.2.a. The Permittee may maintain employee training records and financial assurance documents, required by the Rules and this Permit, at this West Haven facility (facility), 2400 South 1900 West, West Haven, Utah, or at the Permittee's corporate headquarters located at 1770 Otto Road Cheyenne, Wyoming.
- I.F.2.b. Training and financial records are required to be maintained for a minimum of three years and be easily assessable during inspections.
- I.F.3. Used Oil Tracking
- I.F.3.a. The Permittee's shall record and maintain a used oil tank storage log sheet (Attachment 9) for each of the tanks listed in Table II.C. Tank log sheets shall document the operator conducting the operation (signature), date and time of the operation, the volume of used oil placed into or taken out of the tank (includes inter-tank transfers) and the halogen

concentration of used oil received by the facility. In addition, tank records shall document tank sampling events, which includes the date sampled, samplers' initials, facility sample number, laboratory sample identification number and if the used oil sample met the specification requirements of the Rules.

I.F.3.b. Tank log sheets shall be maintained, stored and available for inspection at this facility for a minimum of three years.

**I.F.4. Analytical Data**

I.F.4.a. All sampling and associated analytical records for used oil or wastes sent for disposal, shall be maintained in the Permittee's operations record at this facility until final closure of the facility.

**I.F.5. Incident Reports**

I.F.5.a. All incident reports for spills or emergencies that require implementation of the facility's Emergency Control and Contingency Plan (Attachment 3) shall be maintained in the Permittee's operations record at this facility until final closure of the facility.

**I.F.6. Wastewater**

I.F.6.a. The Permittee shall record the volume (mass balance) of wastewater (includes stormwater) received at or generated at the facility and the proper disposal of the wastewater and these records shall be maintained in the Permittee's operations record at this facility until final closure of the facility.

**I.F.7. Inspections**

I.F.7.a. All facility inspection records will be conducted in accordance Attachment 2 (Facility Inspections) and inspection records shall be maintained in the Permittee's operations record at this facility until final closure of the facility.

**I.G. Sampling and Analysis Plan**

I.G.1. The Permittee shall follow all sampling and analytical procedures in this Permit when conducting used oil sampling and analytical testing to meet the requirements of R315-15-5.6 of the UAC and this Permit.

**I.H. Prohibitions**

I.H.1. The Permittee shall not manage used oil in surface impoundments or waste piles.

I.H.2. The Permittee shall not place, manage, discard, or otherwise dispose of used oil in any manner specified in R315-15-1.3 of the UAC.

I.H.3. Used oil that has been mixed with hazardous waste as defined by R315-261 of the UAC or PCBs as defined by R315-301-2(53) of the UAC shall no longer be managed as used oil and shall be subject to the rules applicable to hazardous waste and PCB-contaminated waste.

- I.H.4. Used oil shall not be stored in containers; tanks or piping that have previously stored hazardous waste, unless the tanks, containers and piping are cleaned in accordance with R315-261-7 of the UAC.
- I.H.5. The Permittee shall not accept used oil for storage with a PCB concentration greater than or equal to 2 mg/kg (ppm).
- I.H.6. The Permittee shall notify the Division within 24 hours of any used oil found at the facility with PCB concentrations greater than or equal to 2 ppm. PCB contaminated used oil ( $\geq 2$  ppm) shall not be diluted or blended to avoid any provision of Federal or State environmental regulation.

**I.I. Waste Characterization and Disposal**

- I.I.1. The Permittee shall document and maintain records showing proper characterization, handling, and disposal of wastes generated at the facility.
- 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 R315-261 and R315-15-8 of the UAC. The wastes shall be sent to an appropriate facility permitted to handle the type of waste generated.
- I.I.3. The Permittee shall dispose of the PCB-contaminated used oil ( $\geq 2$  ppm) in accordance with R315-15-18 of the UAC and 40 CFR 761 Subpart S. PCB contaminated storage tanks and auxiliary equipment shall be decontaminated as described in 40 CFR 761 Subpart S.

**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 UAC and this Permit.
- I.J.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.J.3. The Permittee shall receive written approval from the Director for: 1) any changes in the extent, type (e.g., mechanism, insurance carrier or financial institution); 2) the amount of the environmental pollution legal liability; or 3) the financial assurance mechanism for coverage of physical or operational conditions at the facility that change the nature and extent of cleanup and closure costs prior to implementation of these changes.

**I.K. Cleanup and Closure Plan**

- I.K.1. Within 60 days following a facility modification that causes an increase in the financial responsibility required under R315-15-10 UAC, the Permittee shall submit to the

Director for approval, a request to modify the facilities closure plan and closure cost estimate in Attachment 8 (Facility Closure Plan).

- I.K.1.a. Within 30 days of the Director's written approval, the owner or operator shall provide to the Director the information specified in R315-15-11.2(b)(2) of the UAC.
- I.K.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 Processor Permit in accordance with the requirements of R315-15-11.3 of the UAC and this Permit.
- I.K.2.a. The Permittee shall submit to the Director for approval a permit modification request that updates the facility's closure plan in Attachment 8, prior to initiation of closure activities.
- I.K.3. The Permittee shall remove or decontaminate used oil residues in tanks, containment system, and the environment in accordance R315-15-5.5(f) of the UAC, and the closure plan approved by the Director at the time of closure.
- I.K.4. Within 60 days of completion of cleanup and closure, the Permittee shall submit to the Director, by registered mail, a certification signed by the Permittee and a Utah-registered professional engineer (independent) that the facility has been closed in accordance with R315-15-11.4 of the UAC and the specifications of the final closure plan.
- I.K.5. The Permittee shall be responsible for cleanup of any used oil or other contamination including contamination that has migrated beyond the facility property boundaries in accordance with R315-15-11(d) of the Utah Administrative Code.
- I.K.6. The Director may require the Permittee to perform additional site investigation (e.g., soil or water samples) and remediation activities to verify that cleanup and closure is completed according to R315-15 of the UAC.

**I.L. Used Oil Handler Certificate**

- I.L.1. In accordance with R315-15-5.9 of the UAC, 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 Code Section 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. The Permittee shall allow access to the facility by a duly authorized employee of the Director, to conduct an inspection of the facility, copy any records related to used oil operations, collect samples, and make a record of the inspection accordance with R315-15-1.1(j) of the UAC.
- I.M.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.N. Annual Report**

- I.N.1. As required by R315-15-13.5 of the UAC, the Permittee shall prepare and submit an accurate Processor Annual Report (UO 004 Form) to the Director by March 1 of the following year.

**I.O. Other Laws**

- I.O.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.P. Enforceability**

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

**I.Q. Effective Date**

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

Draft Permit for Public Comment



**II.A. General Operations**

- II.A.1. The Permittee is authorized to store and process used oil (via gravity separation only) in accordance with R315-15-5 of the UAC at 2400 South 1900 West, West Haven Utah 84401.
- II.A.2. The Permittee is authorized to store a maximum of 210,000 gallons of used oil in tanks described in Table II.C. Storage of used oil in other types of containers is not allowed at this facility.
- II.A.3. The Permittee shall maintain a current process and instrument diagram (PID), certified by a Utah professional engineer in Attachment 4 (PID Diagram,).
- II.A.4. The Permittee shall only store used oil in tanks subject to regulations under R315-265 or R315-264 of the UAC and maintain tanks, any associated piping, pumps, and valves in good operational condition.
- II.A.5. 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.6. The Permittee is not required to test used oil from a Utah-registered used oil marketer if the marketer provides, at the time of acceptance, analytical data results documenting that the used oil meets the used oil parameters in R315-15-1.2 of the UAC.
- II.A.7. 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.a. The Permittee shall determine the halogen content by collecting a representative sample, when applicable, in accordance with Condition II.E and Attachment 5 (Used Oil Sample Collection Procedures), by 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 6 (Analysis Plan).
- II.A.7.b. The Permittee shall then record the results of the halogen testing of any untested used oil received at the facility in the facility operating record.
- II.A.8. The Permittee shall only receive used oil from, or transfer used oil to a transporter with a valid Utah Used Oil Transporter Permit issued by the Director.
- II.A.9. Used oil recovered from oily water shall be managed as used oil in accordance with the Rules and this Permit.

## **II.C. Used Oil Storage**

II.C.1. The Permittee shall only store used oil in the tanks specified in Table II.C.

**Table II.C: Description of Used Oil Storage Tanks**

<b>Tank No.</b>	<b>Capacity* (gallons)</b>	<b>Type Tank</b>	<b>Location</b>
21	21,000	Steel	Tank Farm -Secondary Containment Area
22	21,000	Steel	Tank Farm -Secondary Containment Area
23	21,000	Steel	Tank Farm -Secondary Containment Area
24	21,000	Steel	Tank Farm -Secondary Containment Area
25	21,000	Steel	Tank Farm -Secondary Containment Area
26	21,000	Steel	Tank Farm -Secondary Containment Area
27	21,000	Steel	Tank Farm -Secondary Containment Area
28	21,000	Steel	Tank Farm -Secondary Containment Area
29	21,000	Steel	Tank Farm -Secondary Containment Area
30	21,000	Steel	Tank Farm -Secondary Containment Area
*Maximum facility used oil storage capacity = 210,000 Gallons			

II.C.2. The Permittee shall conduct inspections of used oil storage tanks and the tank farm secondary containment system in accordance with Attachment 2, Appendix 1 (Tank Farm and Vehicle Loading/Unloading Area Weekly Inspection Form) of this Permit. The Permittee shall record the inspector's name, the time and date of the inspection and the condition of the tanks and secondary containment systems. The Permittee shall document in the inspection log, major repairs (at time of inspection) any issues discovered during the inspections (e.g. leaking tanks or water accumulation in secondary containment area) and any subsequent actions taken by the Permittee to resolve these issues. The Permittee shall document when the corrective action was completed.

II.C.3. The Permittee shall label the used oil storage tanks with the words "Used Oil."

II.C.4. The Permittee shall keep tank hatches closed except when conducting operations (adding or removing used oil) requiring the hatch to be open.

## **II.D. Vehicle Loading and Unloading Requirements**

II.D.1. The Permittee shall ensure that operations involving the loading or unloading of used oil are conducted in accordance with Attachment 7 (Used oil Loading and Unloading Procedures).

**II.E. Used Oil Sampling and Analysis**

- II.E.1. The Permittee shall ensure a representative sample is collected from the facility's used oil storage tanks in accordance with Attachment 5 (Sample Collection Procedures) and that these samples are analyzed in accordance with the requirements of Attachment 6 (Analysis Plan).
- II.E.2. The Permittee shall ensure a representative sample is collected from any containerized waste (solids and liquids) generated at the facility from spill clean-up activities in accordance with Attachment 5 (Sample Collection Procedures) and that these samples are analyzed in accordance with the requirements of Attachment 6 (Analysis Plan).
- II.E.3. The Permittee shall train employees on the sample collection procedures in Attachment 5 and the analytical requirements in Attachment 6 for any collected samples.

**II.F. Used Oil Training**

- II.F.1. The Permittee shall train handlers of used oil in accordance with R315-15-4 of the UAC and the requirements of this Permit. New employees may not manage, or process used oil without a trained employee present until used oil training is completed.
- II.F.2. The Permittee shall document that employees are trained in the identification of used oil, recordkeeping requirements and facility used oil procedures. Used oil training will address proper loading and unloading procedures, sample collection and analytical procedures (includes rebuttable presumption), on-specification allowable limits, appropriate use of generator knowledge and associated required documentation, and the emergency spills plan.
- 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 or HYDROCLOR-Q® test kit prior to fieldwork.
- 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.

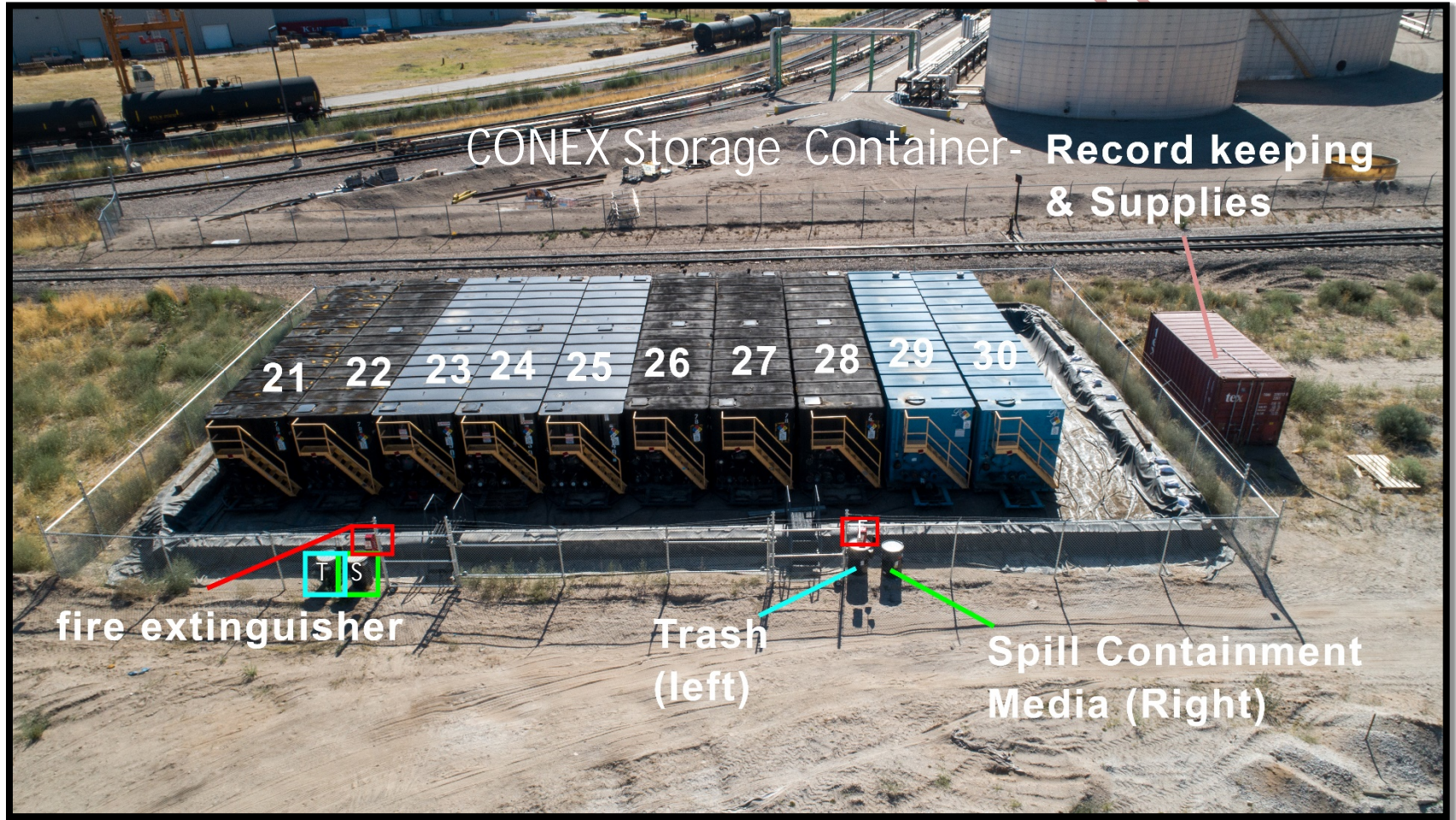
**II.G. Emergency Spill Response and Remediation**

- II.G.1. In accordance with R315-15-9.1 of the UAC, the person responsible for the 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 smaller spills if it poses a threat to human health or the environment (Attachment 3 – Emergency Controls and Contingency Plan).
- II.G.2. Responders shall take action to prevent spills from spreading by utilizing absorbent, dirt, booms, pads, rags, etc.

- II.G.3. 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.G.4. Once the material is containerized, a waste determination shall be made to determine the material's disposition.
- II.G.5. The Director may require additional cleanup action to protect human health or the environment.
- II.G.6. All costs associated with the cleanup shall be at the expense of the Permittee.
- II.G.7. The Permittee shall maintain spill response materials and equipment as required in Attachment 3. Spill materials shall contain, at a minimum, the equipment listed in Table E.1 of Attachment 3.
- II.G.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.G.9. In accordance with R315-15-9.4 of the UAC, the Permittee shall submit to the Director a written report within 15 days of any reportable release of used oil.



**Attachment 1**  
**Facility Site Plan Map**



## **Attachment 2**

### **Facility Inspections**

#### **A. Purpose**

- A.1. This procedure is designed to meet the used oil regulatory requirements for the maintenance and inspection of Tri State Oil Reclaimers, Inc.'s (Tri State) Used Oil Processor facility to assure the protection of human health and the environment. The location of the used oil storage areas and emergency equipment are shown in Attachment 1 (Facility Site Plan Map).
- A.1.a. Tri State shall document the inspection and maintenance of the facility's tank farm, the secondary containment area, the vehicle loading and unloading area, and emergency response and safety equipment.
- A.1.b. Tri State's facility manager is responsible for the implementation of the inspection program.

#### **B. Inspections**

- B.1. Used oil storage areas shall be inspected, at a minimum, according to the frequency specified in Table 1. Inspectors are required to document the date and time of inspection, name of the inspector, the status of each inspected item. Inspectors will document any deficiencies on the inspection sheet and report the deficient condition to Tri State's facility manager. The inspectors shall document the date that the deficiency was corrected on the inspection sheet. Tri State's management will verify (written documentation) that any deficiencies identified during the inspection are corrected in a timely manner.
- B.1.a. Operators shall use the inspection form in Appendix 1 of Attachment 2 for inspections of the facility's tank farm, secondary containment area and the vehicle loading and unloading area. Operators shall use the inspection form in Appendix 2 of Attachment 2 for inspection of the facility's emergency response and safety equipment.

**Table 1: Frequency of Used Oil Inspections**

<b>Inspection Type</b>	<b>Items Inspected</b>	<b>Frequency</b>
Use Oil Storage and Handling Areas	<ul style="list-style-type: none"><li>• Tanks/ and associated valves and piping.</li><li>• Secondary containment area</li><li>• Vehicle loading and unloading area</li></ul>	Weekly
Emergency Response and Safety Equipment	<ul style="list-style-type: none"><li>• Spill Kits</li><li>• Fire extinguishers</li><li>• Communication System</li><li>• Personal Safety Equipment</li><li>• First Aid Kits</li></ul>	Weekly

- B.2. Inspectors shall receive training to enable them to identify any problems associated with the used oil storage areas or emergency equipment.

**Attachment 2 - Appendix 1**

**Tank Farm and Vehicle Loading/Unloading Area Weekly Inspection Form**

<b>Tri State Oil Reclaimers, Inc.</b> <b><u>West Haven Facility</u></b>					
<b>Tank Farm and Vehicle Loading/Unloading Area Weekly Inspection</b>					
<b>Date:</b> _____				<b>Inspector's Signature:</b> _____	
Equipment	Inspection Elements	Status OK		Description of any Deficiencies	Date Corrected (Initials)
		Yes	No		
<b>Tanks</b>	Check tanks and tank valves for leaks or signs of deterioration				
	Are tanks properly labeled?				
	Are tank hatches closed?				
	Are the tank valves locked and are the locks in good condition?				
<b>Secondary Containment</b>	Check liner for deterioration or leaks				
	Are there liquids in the secondary containment? If yes, then document the that the liquids were removed and properly and disposed of properly.				
<b>Vehicle loading and unloading Area</b>	Are there any signs of spill used oil or other problems?				
<b>Comments:</b>					



**Attachment 2 – Appendix 2**

**Safety/Emergency Equipment Weekly Inspection Form**

<p align="center"><b>Tri State Oil Reclaimers, Inc.</b>  <b><u>West Haven Facility</u></b></p>					
<p align="center"><b>Safety/Emergency Equipment Weekly Inspection</b></p>					
<b>Date:</b>		<b>Inspector's Signature:</b>			
<b>Equipment</b>	<b>Inspection Elements</b>	<b>Status OK</b>		<b>Description of any Deficiencies</b>	<b>Date Corrected (Initials)</b>
		<b>Yes</b>	<b>No</b>		
<b>Spill Kits</b>	Verify Spill Kits are stocked with required clean up materials				
<b>Fire Extinguishers</b>	Check fire extinguisher are in good condition and have current inspection tag.				
<b>Communication And ECCP</b>	Check cell phones are working				
	Check that a copy of the Emergency Controls and Contingency Plan (ECCP) is onsite and accessible to employees				
<b>Fencing</b>	Are the perimeter fencing and gates in good condition?				
<p><b>Comments:</b></p>					

### **Attachment 3**

## **Emergency Controls and Contingency Plan**

### **A. Introduction**

- A.1. This Emergency Control and Contingency Plan is designed in accordance with the requirements of the UAC R315-15-5.3 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. This plan also establishes activities required of Tri State Reclaimers Inc.'s (Tri State) personnel to carry out to mitigate such discharges (i.e., countermeasures) should they occur.

### **B. Facility Description and Operations**

- B.1. The facility stores used oil collected in Utah and surrounding states. There is no active processing of used oil that occurs at the site. The used oil is stored in "frac" tanks. Sufficient secondary containment is provided in all storage areas per requirements of R315-15-5 of the UAC and the Spill Prevention Control and Countermeasures regulations.

### **C. Site Security**

- C.1. The facility operates during normal business hours and a fence surrounds the tank farm. Access to the tank farm is restricted to employees and authorized visitors.

### **D. Commitment of Manpower and Resources**

- D.1. The facility shall have an emergency coordinator at the facility or on call that is available to respond to a facility emergency immediately. The primary and secondary emergency coordinators are listed in Table D.1 below. The emergency coordinators shall be thoroughly familiar with all aspects of the facility's emergency control and contingency plan, facility operations, and have the authority to commit the resources needed to carry out the contingency plan. In their absence, all facility personnel will evacuate, and the most senior employee will contact the emergency coordinators.

**Table D.1: Facility Emergency Coordinators and Contact Information**

<b>Emergency Coordinators</b>	<b>Title</b>	<b>Contact Information</b>
Gary Cox (Primary)	Facility Manager (Utah)	Cell: 801 599-5837 Email tri.state.used.oil@gmail.com
Thorpe Cox (Secondary)	Truck Driver	Cell: 801-837-2938
Charles Welty	Regional Operations & Facility Manager	Cell Phone: 307-635-5332 Email: tristateoilreclaimers@gmail.com

## E. Facility Emergency Equipment

- E.1. The facility shall maintain emergency response material and equipment listed in Table E.1 of Attachment 3. All emergency equipment shall be inspected and maintained as necessary to assure its proper operation in time of emergency.

**Table E.1: Emergency Spill Response Materials and Equipment**

Physical Description	Location	Use
Spill Kit Drums (2): <ul style="list-style-type: none"> <li>Floor dry (1 bag)</li> <li>spill pads (20)</li> </ul>	Drums are located on the eastern side of the secondary containment area in the vehicle loading and unloading area.	Emergency Response and spill cleanup.
Additional Spill Materials: <ul style="list-style-type: none"> <li>Boom spill socks (3) (Diameter 3" or more and a minimum of 10' in length)</li> <li>8 bags of floor dry</li> <li>5 packages of spill pads for restocking spill kits</li> </ul>	CONEX Storage Container – Immediately North of the tank farm's secondary containment area.	Emergency Response and spill cleanup.
Fire Extinguishers (2)	Mounted on tank farm fence adjacent to the vehicle loading and unloading area.	Fire control
First Aid Kit (1- large)	CONEX Storage Container – Immediately North of the tank farm's secondary containment area.	Treat minor injuries
Tools: <ul style="list-style-type: none"> <li>Shovel and broom</li> <li>Wrench sized to facilitate the opening and closing of tank valves.</li> </ul>	CONEX Storage Container – Immediately North of the tank farm's secondary containment area.	Emergency Response and spill cleanup.
Recovery Drums (3)	CONEX Storage Container – Immediately North of the tank farm's secondary containment area.	Emergency Response and spill clean up
Personal Protective Equipment: <ul style="list-style-type: none"> <li>safety glasses</li> <li>chemically resistant gloves and boots</li> </ul>	Protective equipment for drivers will be maintained their used oil vehicles and used during the loading/unloading of used oil at the facility.	Personal Protection
Communications System	Employee company issued cell phone.	Emergency Response
<ul style="list-style-type: none"> <li>Spill Plan with Emergency Contact Numbers</li> <li>Blank Spill Report Sheets</li> </ul>	CONEX Storage Container – Immediately North of the tank farm's secondary containment area.	Emergency Response and spill clean up

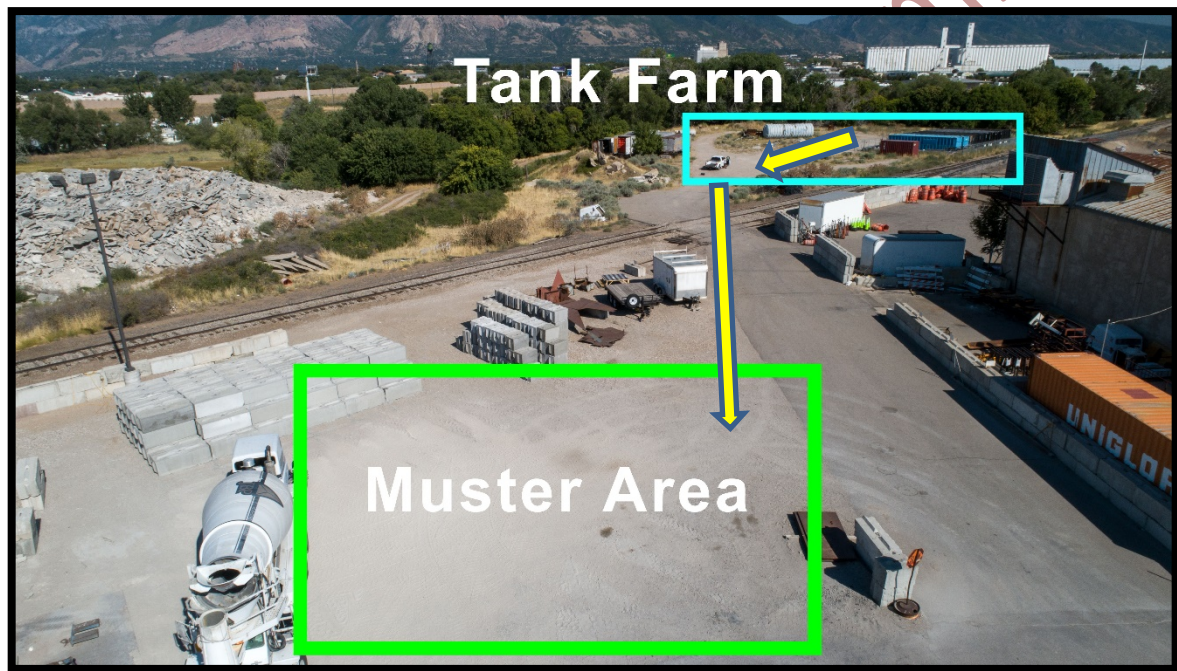
## F. Communication

- F.1. In the event of an emergency or used oil spill, employees will use cell phones and in-person verbal communication to notify employees of the emergency and any need to evacuate and also to contact the supervisors and emergency coordinators and provide details regarding the emergency or spill event.

**G. Facility Emergency Evacuation Plan**

- G.1. In the event of a serious spill, fire, or explosion which presents possible hazards to human health and to the environment, all personnel will immediately evacuate the premises in accordance with the following procedures.
- G.2. Cell phones will be used to alert employees of the emergency and employees shall evacuate.
- G.3. Employees shall evacuate to the muster area identified in (Figure G.3- Emergency Evacuation Route Diagram).
- G.4. Call 911

**Figure G.3: Emergency Evacuation Route Diagram**



**H. Coordination Agreements**

- H.1. A copy of the Emergency Control and Contingency Plan and all revisions will be sent to the government agencies and prime emergency responders (e.g. local fire department). A copy of the plan will be maintained onsite.

**I. Spill Control, Emergency Response and Reporting Requirements**

- I.1. Tri State shall immediately cleanup any spill which occurs during the loading or unloading of used oil or spills from leaking tanks.
- I.2. The operator s shall call 911 when warranted to summon emergency personnel to the scene.

- I.3. Permittee operators shall take action to prevent the spilled material from spreading by utilizing absorbent, dirt, booms, pads, rags, etc. The operators should prevent used oil from entering any adjacent storm water drains, sewer drain systems or surface waters at or adjacent to the facility.
- I.4. In the event that more resources are required, the operator will contact a supervisor to dispatch a spill response team to help facilitate the mitigation and/or remediation of the spill.
- I.5. Used oil spills exceeding 25 gallons, or smaller quantities that pose a risk to human health and the environment, shall be reported to Tri State Oil Reclaimers's management and to the Utah Department of Environmental Quality immediately after containment of the spill (Table I.5). The report must follow the reporting requirements of R315-15 and Tri State Oil Reclaimers's Processor Permit. Within 15 days after any release of used oil that is reported under R315-15-9 of the UAC, the person responsible for the material at the time of the release shall submit to the Director a written report in accordance with the reporting requirements of R315-15-9 of the UAC.

**Table: I.5: List of Agencies to Notify in Case of a Spill**

Agencies Notification	Phone Number
National Response Center (if applicable)	(800) 424-8802
Utah Department of Environmental Quality (within 24 hrs.)	(801) 536-4123

- I.6. Tri State's operators shall submit a completed spill report to a supervisor at or before the end of the operators shift.
- I.7. Tri State's employees shall report any spills to facility management, regardless of the volume. Employees are exempted from reporting de minimis drips to management that are immediately cleaned up by the responsible employee (Table I.7).

**Table: I.7: Emergency Contacts List (Company Personnel)**

Contact Person	Title	Contact Information
Gary Cox	Facility Manager (Utah)	Cell: (801) 599-5837 Email: tri.state.used.oil@gmail.com
Thorpe Cox	Truck Driver	Cell: (801) 837-2938
Charles Welty	Regional Operations & Facility Manager	Cell: (307) 635-5332 Email: Tristateoilreclaimers@gmail.com

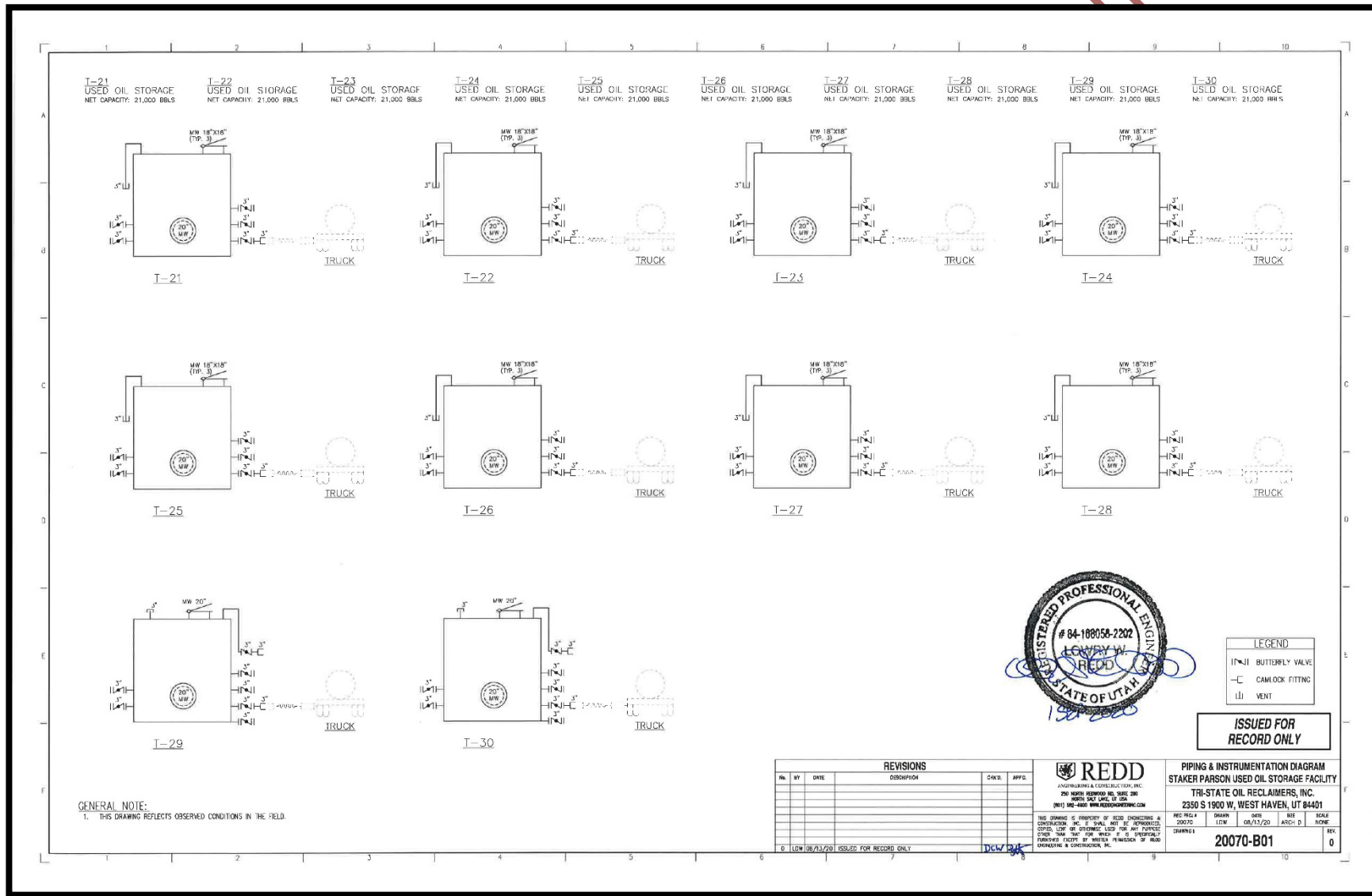
Attachment 3 - Appendix 1: Tri State Oil Reclaimers Inc. Spill Report Form

Part A: Discharge Information		Name of Employee Reporting Spill:	
<b>Facility Name:</b> Tri State Oil Reclaimers, Inc. <b>Address:</b> 2400 South 1900 West West Haven, Utah 84401 <b>Telephone:</b> (801) 599-5837 <b>Owner/Operator:</b> Tri State Oil Reclaimers, Inc. 1770 Otto Road Cheyenne, Wyoming 82001 <b>Primary Contact:</b> Gary Cox, Facility Manager Cell (24 hrs.): (801) 599-5837	<b>Type of spill:</b>	<b>Discovery date and time:</b>	
	<b>Total quantity released:</b>	<b>Discharge date and time:</b>	
	<b>Location/Source:</b>	<b>Affected media:</b> <input type="checkbox"/> Soil <input type="checkbox"/> Surface Waters <input type="checkbox"/> Storm Drain <input type="checkbox"/> Sewer/POTW <input type="checkbox"/> Other	
<b>Nature of discharges, environmental/health effects, and damages:</b>			
<b>Actions taken to stop, remove, and mitigate impacts of the discharge:</b>			
Part B: Notification Log			
<b>Discharges of any Amount</b>	<b>Date and Time</b>	<b>Name of Person Receiving the Call</b>	
<b>Discharges Exceeding 25 gallons, or smaller quantities that pose a risk to human health and the environment</b>	<b>Date and Time</b>	<b>Name of Person Receiving the Call</b>	
<b>West Haven Fire Department/Other</b> 911			
<b>Utah Department of Environmental Quality</b> (801) 536-4123			
<b>Other Notification Information:</b>			



## Attachment 4

### Piping and Instrument Diagram





## **Attachment 5**

### **Sample Collection Procedures**

#### **A. General**

- A.1. Tri State Oil Reclaimers Inc's (Tri State) employees shall use the sampling collection procedures listed below for the facility's used oil storage tanks and any samples collected from containerized waste generated during emergency response activities.
- A.2. Samples requiring laboratory analysis must be analyzed by a Utah certified laboratory, that is currently certified for the analytical methods used to analyze the sample.

#### **B. Used Oil Storage Tanks - Sampling and Review of Analytical Data**

- B.1. Operators shall follow the tank sampling procedure in Condition C, when collecting samples from tanks used to screen the oil for halogens or to determine that the oil meets the requirements of R315-15-1.2 of the UAC (specification requirements).
- B.2. On-Specification Determination
  - B.2.a. Tank farm operators shall review the analytical data received from the laboratory to verify that the oil has met or failed to meet the specification requirements of R315-15-1.2. The operators shall update the tank log sheet with sample's laboratory identification number and if the oil is on or off-specification.
    - B.2.a.1. Used oil that meets the specification requirements can be delivered to a used oil transporter for shipment.
- B.3. Off-Specification Used Oil Handling Procedures
  - B.3.a. Off-specification oil that only fails to meet the specification requirements for flash point, Arsenic, Cadmium, Chromium, or Lead may be managed as follows:
    - B.3.a.1. The Permittee may process/blend the used oil at their facility until the used oil meets the specification requirements.
    - B.3.a.2. The facility may choose to ship the off-specification oil to a facility permitted to burn the off-specification used oil as fuel.
    - B.3.a.3. The facility may dispose of the used oil in accordance with R315-15-261 of the UAC.
  - B.3.b. Procedures for the handling of off-specification used oil that fails to meet specification requirements of R315-15-1.2 for the allowable level for total halogens (4000 ppm) are listed below:
    - B.3.b.1. Tri State shall provide oral notification the Division within 24 hours when a used oil storage tank contains off-specification oil with a total halogen concentration greater than 4000 ppm.
    - B.3.b.2. Tri State is not allowed to process or blend this off-specification used oil to dilute the halogen concentration to meet the specification requirements.

- B.3.b.3. Prior to shipment, Tri State shall obtain a written approval from the Director for shipments of off-specification used oil with a halogen concentration greater than 4000 ppm.

**C. Tank Sampling Procedure**

C.1. Tank Lock Down Procedures

- C.1.a. Operators will place a lock on the tank valve after collecting the used oil sample and then complete the required sample collection information on the tank log sheet

C.2. Sampling Method ASTM-D7831 – COLIWASA Sampling Device

- C.2.a. The COLIWASA sampling device (glass or polypropylene/plastic tube) shall be long enough to provide a representative sample of the entire tank contents.

C.3. Step 1

- C.3.a. Open the COLIWASA by placing the stopper mechanism or inter tube in the open position.

C.4. Step 2

- C.4.a. Lower the tapered end of the outer sampling tube in the liquid at a rate that allows the liquid level inside and outside 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.

C.5. Step 3

- C.5.a. Use the stopper or tube mechanism to close the COLIWASA when it has reached the desired depth.

C.6. Step 4

- C.6.a. Slowly withdraw the sample from the liquid, keeping the seal closed and holding the tube in a vertical position. Wipe the exterior of the sampler tube with a rag or allow the excess liquid to drain back into the container.

C.7. Step 5

- C.7.a. Open sample jar and dispense the entire contents from COLIWASA into sample jar.

C.8. Step 6

- C.8.a. The operator shall label the sample jar, complete a chain of custody form for the sample, and properly package the sample for shipment to the laboratory. The operator shall note on the tank log the date the sample collected and the date it was shipped to the laboratory for analysis.

## **Attachment 6**

### **Analysis Plan**

#### **A. Halogen Field Screening Methods**

A.1. The Permittee shall screen, when applicable, used oil or oily water subject to the Rules in accordance with the following requirements:

A.1.a. CLOR-D-TECT® halogen test kit (EPA Method 9077) for oil containing less than 20% water; or

A.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:

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

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

#### **B. Quality Control Sample**

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

#### **C. Halogen Laboratory Analytical Methods**

C.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.

#### **D. Rebuttable Presumption**

D.1. The Permittee may rebut the hazardous waste presumption in accordance with R315-15-4.5 of the UAC 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. Generator knowledge may be used to exclude testing for pesticides, herbicides and dioxins/furans unless coming from a process where this is expected.

#### **E. PCB Contaminated Used Oil**

E.1. Laboratory testing for PCBs shall be conducted in accordance with R315-15-18(d) of the UAC when used to satisfy any requirements of the Rules and this Permit.

E.2. The required PCB sample preparation and analytical methods are listed in Table E.1.

F. The Permittee shall make a determination if a waste (includes used oil sent for disposal) is hazardous or non-hazardous in accordance with the requirements of R315-260 through 266, 268, 270, and 273 prior shipment to a disposal facility.

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

Sample Preparation Methods	Analytica Method	Analytes *	
3500C (General)  3580A (Preparation)  3665A (Cleanup)	8082A	PCB CAS RN	PCB Aroclor®
		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
* Note: Analyses of the seven Aroclors® in bold font are required.			

**Attachment 7**

**Used Oil Loading and Unloading Procedures**

**A. Personal Protective Equipment**

- A.1. All operators must wear safety glasses, and chemically resistance boots and gloves when unloading or loading a vehicle.

**B. Recordkeeping**

- B.1. Shipping documents/Bill of Lading or other relevant paperwork should be reviewed to ensure the acceptability of the material prior to transfer.

**C. Tanker Truck Loading and Unloading Procedures**

- C.1. Determine that the truck's brakes are set. Block the wheels of the truck with chocks.
- C.2. Determine the volume of oil to be transferred in the truck.
- C.3. Check the storage tank's volume measurement to see if there is sufficient space available in the tank to accommodate the total volume of oil in the truck's tank into the storage tank.
- C.4. Hook up the hose to the truck's transfer valves.
- C.5. Secure cam-lock ears with lock pins to prevent accidental hose disconnection.
- C.6. Open the valves to the selected storage tank and turn on the truck pump.
- C.7. After transfer is complete then turn off the pump and close the valves on truck and tank.
- C.8. Disconnect the fill hose from the truck and tank and secure them to the truck. Transfer hoses are not allowed to remain at the facility.
- C.9. Complete tank log sheet record located in the CONEX storage container.
- C.10. Clean up any materials spilled before leaving tank farm.

## **Attachment 8**

### **Facility Closure Plan**

#### **A. General**

- A.1. The Permittee shall at time of closure comply with all the clean-up and closure requirements of R315-15-5 and this Closure Plan (Attachment 8 - Appendix 1- Itemized Closure Cost for Financial Assurance).

#### **B. Soil and Groundwater Testing**

- B.1. At time of the closure of the facility, the Permittee shall sample the soil and groundwater (RCRA 8 metals, Volatiles, Semi-Volatiles and PCBs) to determine the potential contamination from used oil operations at the facility.
- B.1.a. An updated closure plan will be submitted for Director's approval. The updated plan shall include the specific location for each sample collected.
- B.1.b. The Permittee shall submit a Level III data validation analytical package from a Utah-certified laboratory for all samples used to verify closure within 30 days of receipt to the Division for review and Director approval.
- B.2. The Permittee shall adhere to the Cleanup Action and Risk-Based Closure Standards of R315-101 of the UAC at closure of the facility or site characterization.
- B.2.a. The Permittee shall use the EPA Regional Screening Levels (RSLs) table for screening of contaminants in soils and groundwater during site characterization
- B.2.b. Analysis of volatile Organic Compounds (VOCs), Semi-Organic Compounds (SVOCs), including Poly Aromatic Hydrocarbons (PAHs) shall be conducted in lieu of Total Petroleum Hydrocarbon (TPH) fractionation analysis of Gasoline Range Organics (GRO), Diesel Range Organics (DRO), Oil Range Organics (ORO) during cleanup actions.
- B.2.c. The Director may also require the impacted media (soil and groundwater) to be analyzed for other constituents that may include Polychlorinated Biphenyls (PCBs), and any other contaminants of interest as determined on a case-by-case basis based on the history of the site and activities.

#### **C. Plant Decommission**

- C.1. The Permittee shall recycle/dispose of all used oil in the facility tanks at time of closure.
- C.2. The liner under the vehicle loading/unloading area and secondary containment liner shall be removed and disposed of at an appropriate disposal facility.
- C.3. The Permittee shall remove, recycle, or dispose of the facility's fencing and the CONEX storage container at the time of closure.
- C.4. Hazardous waste, non-hazardous waste, rinsate water, and scrap metal generated shall be transported to a recycling facility or a waste disposal facility as applicable.

**D. Closure Certification Costs (Task 3)**

- D.1. Closure of the facility in accordance with requirements of this Permit shall be verified by a Utah certified independent Professional Engineer (P.E.), and submitted to the Director for final approval.

Draft Permit for Public Comment



**Attachment 8 – Appendix 1**

**Itemized Closure Costs for Financial Assurance**

<b>Soil and Groundwater Testing</b>				
<b>Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Rate</b>	<b>Cost</b>
Sampling (labor)	5	Hours	\$75.00	\$375.00
Soil (10)/Groundwater (2) Samples & Analytical Testing	12	Each	\$550.00	\$6,600.00
Drilling for soil sample collection	6	Hours	\$175.00	\$1,050.00
Equipment Rental	2	Days	\$600.00	\$1,200.00
<b>Site Sampling and Analytical Cost Sub-Total</b>				<b>\$9,225.00</b>
<b>Facility Decommission</b>				
<b>Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Rate</b>	<b>Cost</b>
Removal, Transportation and Recycling of Used Oil	210,000	Gallons	\$0.08	\$16,800.00
Tank Decontamination and the disposal of generated rinsate water.	10	Each	\$5,876	\$58,760.00
Tank transportation and disposal at metal scrap yard	12	Each	\$500.00	\$6,000.00
Fence and CONEX box removal	5	Hour	\$75.00	\$375.00
Transportation of fence and CONEX box to scrap metal facility for disposal	1	Truck	\$500.00	\$500.00
Vehicle loading/unloading and secondary containment liner removal and transportation to landfill	1	Truck	\$1,000.00	\$1,000.00
Landfill disposal cost for liner	21	Ton	\$25.00	\$525.00
<b>Plant Decommission Cost Sub-Total</b>				<b>\$83,970.00</b>
<b>Closure Certification &amp; DWMRC Review</b>				
<b>Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Rate</b>	<b>Cost</b>
Independent P.E. Verification	1	Each	\$3,000.00	\$3,000.00
Division Review	20	Hours	\$100.00	\$2,000.00
<b>Final Closure Verification Cost Sub-Total</b>				<b>\$5,000.00</b>
<b>Total Estimated Closure Cost (Estimate - September 2020)</b>				<b>\$98,185.00</b>

ent

UO Processing Permit # UOP-0195  
EPA ID #UTR00015651

[illegible]

\*Used Oil Transporter Delivery and Collection - Tri State Oil Reclaimers, Inc., 1770 Otto Road, Cheyenne, WY (UOP-0135) (EPA ID# WYD98886940)  
Tanker truck drivers are authorized to sign for the Processing Facility.

\*\* Used oil delivered to and shipped from this tank was transported by Tri State Oil Reclaimers, Inc. (EPA ID# WYD98886940) (Address Above)