WASTE TIRE MANAGEMENT FACILITY PERMIT	PERMITTEE GREENU COMMODITIES LLC	PERMIT # SW1696REV00

1 FACILITY SUMMARY

Waste tires will be delivered to the GreeNu facility in compressed bales. The Facility uses a pyrolysis method for recycling which heats shredded tires in a reactor vessel containing an oxygen free atmosphere and a heat source. Closure of the facility will proceed in accordance with this Permit.

1.1 GENERAL DESCRIPTION

Waste tires will be delivered to the facility and stored in an outdoor storage yard prior to use. Bales are then manually broken apart and the waste tires are manually loaded onto a conveyor belt which transfers the tires to a tire shredding unit which reduces the tires to "tire chips". A pyrolysis unit will then thermally decompose the tire chips. Four separate streams are then generated:

1) a gas stream designated as "pyro gas"
2) a liquid stream designated as "pyro oil"
3) a solid stream which consists of the steel from the tire belts (and the steel straps from the bales)
4) a solid stream consisting of the portion of the tires that was not converted to pyro gas, designated as "carbon black".

1.2 OWNER/OPERATOR

GreeNu Commodities LLC
1050 S. 21st St.
Sparks NV 89431

1.3 FACILITY LOCATION

The facility is located adjacent to U.S. Highway 50 alternate in Lyon County, approximately 9 miles southeast of Fernley. The property's legal description is within Section 29, Township 20 North, Range 26 East MDB&M.

1.4 FACILITY DESIGN

Permitted Design Summary

Table 1

Class I	*Rev 00*	*Rev 01*		*Rev 02*		*Rev 03*	
		New	*Total*	*New*	*Total*	*New*	*Total*
Number of Tire Bale Storage Areas	12						
Storage Area (square feet - each)	5000						
Maximum Storage (PTEs*)	960,000						
Maximum Annual Processing Rate (PTEs*/yr)	6,600,000						

* PTE = Passenger Tire Equivalent

2 GENERAL PERMIT CONDITIONS

2.1 DEFINITIONS

Unless the context otherwise requires, the definitions used in this Permit have the meanings ascribed to them in NAC 444.200 to 444.270.

2.2 PERMIT ACTIONS (NAC 444A.330)

This Permit is based upon the information submitted in the Permit application, and as approved by the Division. This Permit is effective for 5 years from the date of signature and must be renewed by the

Permittee prior to expiration as required by NAC 444A.330. This Permit may be modified by the Division, for cause, in accordance with NAC 444A.330 or if there is a change in the statutes or regulations upon which the issuance of the Permit is based, or if a modification is otherwise necessary to protect public health, safety and the environment. This Permit may be revoked or suspended if written notice is given by the Division and the site does not remain in compliance with the applicable statutes and regulations. The filing of a request by the Permittee for a Permit modification or termination, or a notification of planned changes or anticipated noncompliance, or termination of activities authorized in the Permit does not stay any Permit condition. The Permittee shall inform the Division of any deviation from or change in the operations as presented in the application, which may affect the Permittee's ability to comply with applicable regulations or conditions of this Permit. This Permit may be transferred to a subsequent owner or operator only if the Division approves the transfer based on documentation of financial responsibility provided by the new owner or operator.

2.3 AVAILABILITY OF PERMIT DOCUMENTS

The Permittee shall keep, at the management facility, a complete copy of this Permit and incorporated documents, as identified herein.

2.4 COMPLIANCE WITH STATUTES AND REGULATIONS

The Permittee shall comply with NAC 444A.200 through 444A.430, as applicable.

2.5 DUTY TO PROVIDE INFORMATION

The Permittee shall furnish to the Division, within a reasonable time, any relevant information which the Division may request to determine compliance with this Permit or to determine whether cause exists for modifying, revoking and reissuing, or terminating this Permit. The Permittee shall also furnish to the Division, upon request, copies of records required to be kept by this Permit.

2.6 INCIDENT REPORTING

The Permittee shall report incidents to the Division as provided in the Operating Plan. In addition, the Permittee shall report any noncompliance, imminent or existing hazard from a release of waste or hazardous constituents, or from a fire or explosion at the facility, which may endanger human health or the environment. Such information shall be reported by telephone to (800) 331-6337 within 24 hours from the time the Permittee becomes aware of the circumstances. A written report shall be submitted within 15 days of the incident and shall include the following:

i. Name and title of person making report;
ii. Date, time, and type of incident;
iii. Name and quantity of material(s) involved;
iv. A complete description of the occurrence and its cause;
v. The extent of injuries, if any;
vi. An assessment of actual or potential hazards to the environment and human health outside the facility, where this is applicable;
vii. Estimated quantity and disposition of recovered material that resulted from the incident; and
viii. Actions taken by the Permittee in response to the incident.

2.7 REPORTING ANTICIPATED NON-COMPLIANCE

The Permittee shall give advance notice to the Division of any planned changes in the permitted facility or activity that may result in noncompliance with Permit requirements.

2.8 INSPECTION AND ENTRY

The Permittee shall allow the Division, or an authorized representative thereof, upon the presentation of credentials or other documents as may be required by law, to:

i. Enter at reasonable times upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Permit;
ii. Have access to and copy, at reasonable times, any records kept under the conditions of this Permit;
iii. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and
iv. Sample or monitor at reasonable times, for the purposes of assuring Permit compliance or as otherwise authorized, any substances or parameters at any location subject to the Permit.

2.9 PERMIT RENEWAL (NAC 444A.340)

2.9.1 If the Permittee wishes to renew this Permit the Permittee must:

2.9.1.1 Submit a notice of intent to renew the permit to the solid waste management authority at least 120 days before this Permit expires;

2.9.1.2 Submit an application for renewal to the solid waste management authority at least 60 days before this Permit expires;

2.9.1.3 Provide any information concerning the operation of the facility that was not submitted with application for the initial permit or the renewal of the permit;

2.9.1.4 Revise any information that has changed since the last submittal of an application for the permit to the solid waste management authority; and

2.9.1.5 This Permit will remain in effect should the Permittee file a timely notification of continued operation in accordance with NAC 444A.340(3).

2.10 FACILITY CLOSURE

If the Permittee fails to renew the application in accordance with Section 2.9 the Permittee shall close the Facility within 12 months in accordance with NAC 444A.400 and notify the Division of the intent to close.

3 PERMIT DOCUMENTS

The following documents, as submitted by the Permittee and approved by the Division, also describe and/or restrict the operation of this disposal site and are adopted herein as if set forth in this Permit:

1. Application for a Waste Tire Management Facility, Revision of June 2014
2. Addendum to Section 2.6 dated June 10, 2014

4 WASTE ACCEPTANCE CRITERIA

The Facility is permitted to accept only compressed, baled waste tires meeting the definition of NAC 444A.270, no other waste is permitted for acceptance at this facility. Acceptance of loose tires is prohibited.

4.1 SOLID WASTES PERMITTED FOR DISPOSAL

1. Compressed, Baled Waste Tires per NAC 444A.270
2. Reserved

4.2 PROHIBITED SOLID WASTES

The Permittee is prohibited from accepting the following wastes:

1. Any waste not meeting the definition of NAC 444A.270
2. Loose tires
3. Reserved

5 RECORDKEEPING

5.1 The Permittee shall maintain records at the site as described in NAC444A.380. The owner or operator shall notify the Division when the documentation has been placed in or added to the operating records. All information contained in the operating records must be furnished upon request to the Division or be made available at all reasonable times for inspection by the Division.

6 REPORTING

The Permittee shall submit an Annual Report, pursuant to NAC 444A.390, to the Division no later than March 1st of each year.

6.1 FINANCIAL ASSURANCE REPORTING

The Permittee Shall:

1. Notify the Division of any adjustments made to the estimates for the amounts of closure and post-closure care in accordance with NAC 444A.410;
2. Each year within 30 days following the end of each calendar year of the issuance of this Permit, the Permittee shall submit the closure and post-closure cost estimates adjusted for inflation; and
3. The Permittee shall demonstrate continuous coverage for closure until released by the Division from the requirements for financial assurance by obtaining a certification of Closure in accordance with NAC 444A.430.

6.2 All reports, notifications, or other submissions which are required by this Permit must be submitted by the specified due date to:

Permitting Branch Supervisor
Bureau of Waste Management
Nevada Division of Environmental Protection
901 S Stewart Street, Suite 4001
Carson City, NV 89701-5249

7 GROUNDWATER MONITORING

Groundwater Monitoring shall be conducted in accordance with NAC 444.7481 through NAC 444.7498.

7.1 Any deviation from the ground water monitoring plan must be approved in advance by the Division as a Permit modification in accordance with NAC 444.6435.

7.2 The monitoring wells are to remain continuously locked except during sampling, inspection, and repairs. Keys must be available at the facility office at all times.

7.3 Groundwater Monitoring Reports shall be submitted to the Division as required by Section 6.3 by March 1st of each calendar year. The reports shall be submitted in both hardcopy and electronic format.

8 MISCELLANEOUS CONDITIONS

1. Reserved

9 ____ COMPLIANCE SCHEDULE

1. Within 30 days of completion of installation of groundwater monitoring wells, the Permittee shall submit to the Division a report including the driller's log, initial depth to water measurement, and analysis results of the initial sample for each.
2. The Permittee shall submit a letter to the Division 30 days prior to acceptance of waste tires stating the Facility will begin processing and request an inspection by the Division to confirm compliance with NAC 444A.350(2)
3. Reserved

10 ___ AUTHORIZATION

Signature of Approving Officer	*Name and Title of Approving Officer*	*Date of Issuance*
	R. Eric Noack, Chief Bureau of Waste Management	8/7/14 *Date*

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