

Solid Waste Facility License Application



Metro

600 NE Grand Ave.
Portland, OR 97232
503-797-1835

INSTRUCTIONS

METRO USE ONLY

Date Received:

1. Complete all applicable parts of application.
2. Review confidentiality section and sign last page of application.
3. Attach required documents. *(If submitting printed copies, please print double-sided.)*
4. Submit application, attachments and application fee to:

Metro
Waste Prevention and Environmental Services
600 NE Grand Avenue
Portland, OR 97232-2736
Tel: (503) 797-1835
E-mail: SWICC@oregonmetro.gov

PART 1 – Standard License Application Information

1. Applicant (Licensee)

Facility Name:	TIRE DISPOSAL & RECYCLING, LLC
Company Name:	TIRE DISPOSAL & RECYCLING, LLC
Facility Street Address, City, State, Zip:	9333 N HARBORGATE ST PORTLAND, OR 97203
Facility Mailing Address, City, State, Zip:	PO BOX 83478 PORTLAND, OR 97283
Contact Person & Title:	CHANDOS MAHON, CEO
Phone Number:	503-240-1919
E-mail Address:	CHANDOS@TIREDISPOSAL-RECYCLING.COM

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2. Type of Application (please check one)

☐ New license
Date of Pre-Application Conference: _____

☒ Renewal of an existing license

*Current Metro Solid
Waste Facility License
Number:*

☐ Change of authorization to an existing license (other than a renewal)
Please describe the proposed change below in Section 4.

L-022-15

☐ Transfer of ownership or control of an existing license

3. Type of facility (please check one)

☐ Non-putrescible (dry) waste material recovery facility

☐ Source-separated recyclable material recovery facility

☐ Source-separated food waste reload facility

☐ Yard debris reload facility

☐ Yard debris composting facility

☒ Other solid waste reload or processing facility

4. If seeking a change of authorization to an existing license, please explain the proposed change below (attach additional pages if necessary). Complete all remaining sections of this form as they pertain to the request.

No changes in the existing license. Renewal Only

5. Applicant's Owner or Parent Company

(Provide information for all owners and corporate structure if applicable)

Company Name: CASTLE TIRE DISPOSAL

Mailing Address,
City, State, Zip: PO BOX 83478
PORTLAND, OR 97283

Contact Person & Title: CHANDOS MAHON, CEO

Phone Number: 503-240-1919

E-mail Address: CHANDOS@TIREDISPOSAL-RECYCLING.COM

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6. Site Operator (if different from Applicant)

Company Name:

Mailing Address,
City, State, Zip:

Contact Person & Title:

Phone Number:

E-mail Address:

7. Site Description

Tax Lot(s): 1700

Section: 26

Township: T2N

Range: R.1W

8. Land Use

Present Land Use Zone:

IH - HEAVY INDUSTRIAL

Is proposed use permitted
outright?☒ YesIf yes, attach a copy of the *Land Use Compatibility Statement*
(See Attachment D).☐ NoIs a conditional use permit
necessary for the facility?☐ YesIf yes, attach a copy of the *Conditional Use Permit* (See
Attachment F)☒ NoAre there any land use issues
presently pending with the site?☐ Yes

If yes, please explain the land use issues below.

☒ NoDescription of the pending land
use issues identified above:Are any permits required from
the Oregon Department of
Environmental Quality (DEQ)?☒ YesIf yes, please list all DEQ permits below and attach copies with
this application (see Attachment F).☐ NoListing of all required DEQ
permits:

Waste Tire Storage Site/Carrier Combination Permit

Note: Application and Inspection Results attached for Attachment F

Are any other local permits or
building codes required?☐ YesIf yes, please list all other required permits below and attach
copies with this application (see Attachment F).☒ No

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Listing of other required permits:

N/A

9. Land Owner

Is the applicant the sole owner of the property on which the facility is located?

☐ Yes☒ NoIf no, please complete this section with additional pages if necessary and attach a completed *Property Use Consent Form* (see Attachment E).

Property Owner:

Stryder, LLC

Mailing Address, City, State, Zip:

1201 Pacific Ave #1400, Tacoma WA 98402

Phone Number:

253-722-1422

E-mail Address:

todd.clarke@kidder.com

10. Public/Commercial Operations

Will the facility be open to the public (e.g., non-commercial self-haul customers)?

☒ Yes☐ No

Will the facility be open to non-affiliated commercial solid waste collectors?

☒ Yes☐ No

Will the facility accept waste from outside the boundary of Metro?

☒ Yes☐ No**11. Operating Hours and Traffic Volume**

	Public (non-commercial self-haul)	Commercial Affiliated	Commercial Non-Affiliated
Operating Hours	8:00 am - 4:00 pm	7:30 am - 3:30 pm	7:30 am - 3:30 pm
Customer Hours (if different)	see above	see above	see above
Estimated Vehicles Per Day	4	24	6

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12. Inbound Waste/Feedstock by Type

Identify the types of waste/feedstock and annual tonnage amounts that the applicant expects to receive at the facility. Also, identify how the applicant will manage each waste stream, the expected tip fees that the applicant will post at the facility, and the length of time required to process each waste stream (attach additional pages if necessary).

Waste/Feedstock Type	Accepted at Facility	Expected Annual Tonnage Amount	Type of Activity to be Performed on Waste	Expected Tip Fee (per Ton)	Estimate the maximum and typical lengths of time required to process each day's receipt of each waste/feedstock type
Source-Separated Wood:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Source-Separated Yard Debris:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Source-Separated Yard Debris Combined with Residential Food Waste:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Source-Separated Commercial and Other Food Waste:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Inerts (e.g., rock, concrete, etc.):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Non-Putrescible (dry) Waste:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Source-Separated Recyclables:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Special Wastes (please specify):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Petroleum Contaminated Soil:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Putrescible (wet) waste:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Other Waste/Feedstocks (please specify): Tires	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	32,000	Process for recycling & disposal purposes		Approx. 24 hours
Other Waste/Feedstocks (please specify):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				

**13. Inbound Waste/Feedstock by Generator**

Identify the generator type and the expected annual tonnage of waste/feedstock that the facility will receive and recover from each type. Add additional rows if necessary.

Generator Type*	Tons Received**	Tons Recovered**	Tons Residual**
Commercial	30,400	30,400	
Residential	1,600	1,600	
TOTAL TONS:	32,000	32,000	

* Example: commercial, residential, self-haul, etc.

** Tons received = tons recovered + tons residual

14. Outbound Waste and Materials

List the expected destination and amount of each type of outbound solid waste and materials that the applicant expects to transport from the facility (attach additional pages if necessary).

Destination Site (Name and address)	Waste/ Material Type	Expected Annual Tonnage	Purpose Of Delivery*
TDR-PRINEVILLE/DELTA SAND & GRAVEL	TIRE SHREDS	600	DISPOSAL
INTERNATIONAL MARKET	TDF	24,800	ENERGY
LOCAL MARKET	TDP	880	REUSE
LOCAL MARKET	METALS	1,250	RECYCLE
DOMESTIC MARKET	TIRE GRADE	1,400	RESALE

DOMESTIC MARKET

ADC

1,300

REUSE

See Attachment for customer names (confidential)

*Example: disposal, recovery, land reclamation, beneficial use, etc.



15. Subcontractors

Provide the name, address and function of all subcontractors involved in the facility operations, if applicable (this does not include janitorial staff):

Name	Address	Function
N/A		

PART 2 – Standard Attachments to License Application

New License, License Renewal and Change of Authorization

- The applicant must provide a current version of all of the following attachments with each application unless otherwise directed by Metro.
- The applicant must clearly label each attachment submitted as part of the application. A description of each attachment is provided in Appendix A.

Check if included	Attachment
<input checked="" type="checkbox"/>	Attachment A: Site Plan
<input checked="" type="checkbox"/>	Attachment B: Operating Plan
<input checked="" type="checkbox"/>	Attachment C: Proof of Insurance
<input type="checkbox"/>	Attachment D: Land Use Compatibility Statement (LUCS)
<input checked="" type="checkbox"/>	Attachment E: Property Use Consent Form (This form is not necessary if the property is solely owed by the applicant)
<input checked="" type="checkbox"/>	Attachment F: Required Permits
<input type="checkbox"/>	Attachment G: Facility Design Plan (NEW CONSTRUCTION ONLY)



PUBLIC NOTICE AND CONFIDENTIAL INFORMATION

- This application and all of the supporting documentation that the applicant provides is subject to Metro's public notice procedures. Metro will notify and provide the public with an opportunity to review and comment on the proposed application. The public notice may include, but is not limited to, posting the complete application on Metro's website.
- The applicant may identify as confidential any reports, books, records, maps, plans, income tax returns, financial statements, contracts and other similar written materials of the applicant that are directly related to the proposed application and that are submitted to or reviewed by Metro. The applicant must prominently mark any information that it claims confidential with the mark "CONFIDENTIAL" before submitting the information to Metro. Subject to the limitations and requirements of ORS Chapter 192 (public records law) and other applicable laws, Metro will treat as confidential any information so marked and will make a good faith effort to not disclose that information unless Metro's refusal to disclose the information would be contrary to applicable Oregon law.
- These conditions do not limit the use of any information submitted to or reviewed by Metro for regulatory purposes or in any enforcement proceeding. In addition, Metro may share any confidential information with representatives of other governmental agencies provided that, consistent with Oregon law, those representatives agree to continue to treat the information as confidential and make good faith efforts to not disclose the information.

APPLICANT CERTIFICATION

An authorized agent of the applicant must sign this application. Metro will not accept an application without a signature.

I certify that the information contained in this application is true and correct to the best of my knowledge. I agree to notify Metro within 10 days of any change in the information submitted as a part of this application.

Signature of authorized agent

Kosta Golem

Date

4/1/10

Print name

KOSTA GOLEMIS

Title

SR. ACCOUNTANT

Email

KGOLEMIS@TIREDISPOSAL-RECYCLING.COM

Phone

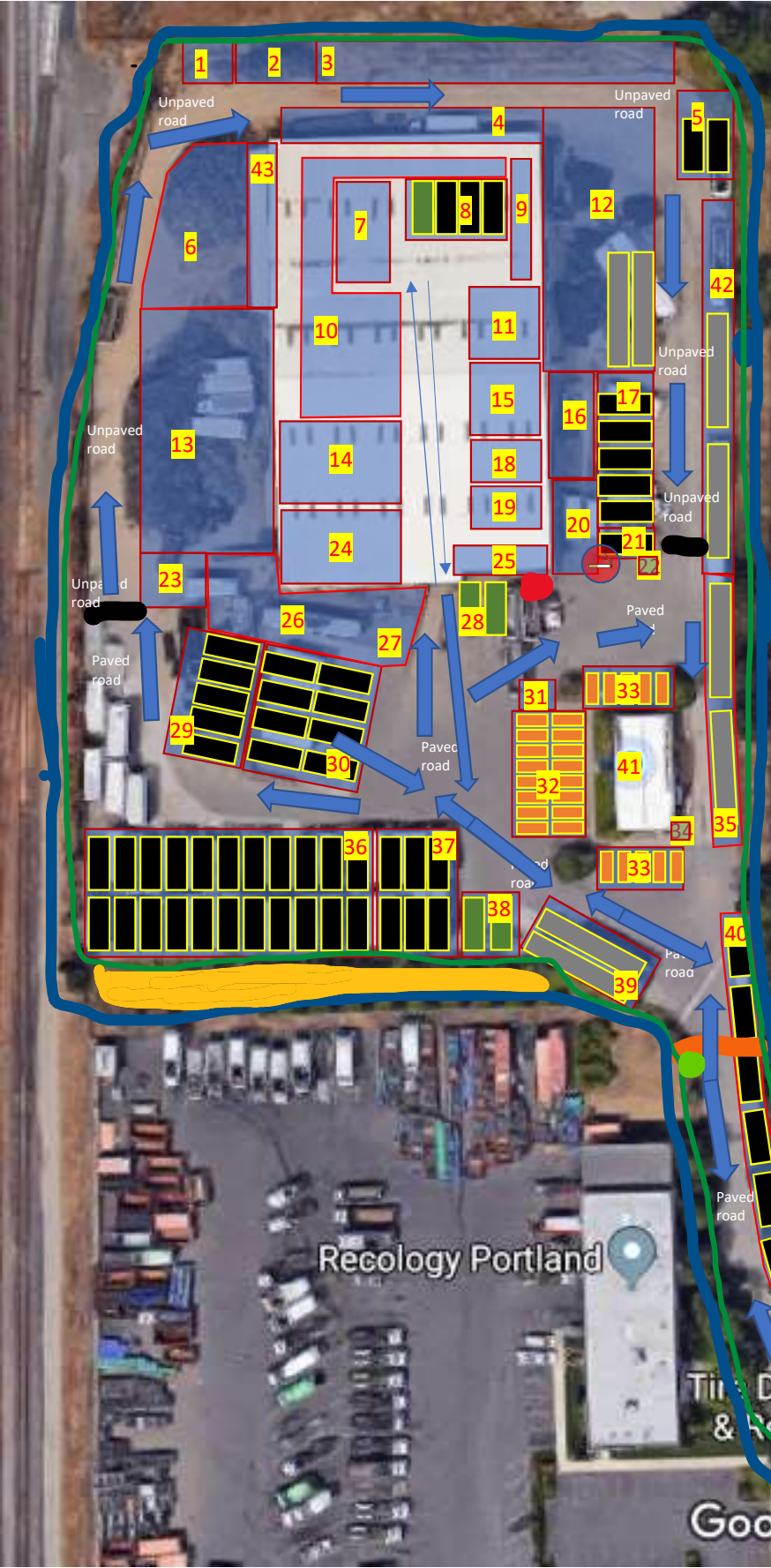
503-240-1991 x803

Portland Plant Site Map

- [Black rectangle] = 28' Trailer
- [Grey rectangle] = 53' Trailer
- [Green rectangle] = Box Van / Tractor



Smoking Area



Tire Waste Production & Storage Areas

- 10 Shred Production & Conveyor Area
- 8 4 unloading bays. 1 dedicated to box van drivers
- 7 Overflow of Passenger tires waiting to be shredded
- 11 Truck Tire Junk Pile. Waiting for outbound
- 15 OTR Tire Junk Pile. Waiting for outbound
- 14 6" and Single Pass Shred Pile
- 13 TDF Inventory
- 23 TDF Inventory Overflow
- 43 DeRimming Production
- 6 Tire on Rim Pile
- 3 Tire on Rim Overflow
- 2 Steel and Aluminum Bins
- 1 Tubes
- 24 Mechanic Workshop
- 19 Indoor Parts Storage
- 26 Outside Parts Storage and vehicles being liquidated
- 25 Plant Breakroom
- 16 Bulk Off Road Fuel Tank

Tire Grading Production & Storage Areas

- 12 Grade inventory and loading area for PASS. About 65x145 = 9,425 sq ft
- 4 Grade inventory for LT casings and Truck. About 10x145 = 1,450 sq ft
- 18 Truck Tire Grade Inventory area
- 5 Primacy Trailers: JUNK and TO BE SORTED
- 20 Grader break areas and uniform changing room
- 9 Grade Tire Reject Pile - To be shredded
- 34 Employee Tire Grade Purchase Pick Up

Vehicle & Trailer Parking Areas

- 28 Tractor and Box Van Parking, will fit about 8 vehicles. Active vehicles only
- 38 Overflow Tractor Parking, will fit about 2 vehicles
- 30 Empty TDR 28' trailers, ready to go for drivers. Will fit about (8) 28' trailers
- 35 Empty TDR 53' trailers. Will fit (2) 53' trailers
- 27 Trailer Dollies
- 21 Adjustment Storage Trailer
- 17 Red Tag Trailers waiting for repair
- 29 Yard Only Trailers
- 36 Full TDR and Carrier Trailers waiting to be processed. Will fit about 22 trailers
- 37 Full Les Schwab Trailers waiting to be processed. Will fit about 6 trailers
- 40 Empty Les Schwab and Carrier Trailers waiting to be picked up. Will fit about 10 trailers. Overflow to street
- 39 Utility Trailers, outbound loaded, ready to go for drivers
- 42 Utility Trailers, parked empty, not being used

Employee Parking

- 32 Production Employee Parking. Will fit 16 cars. Overflow to street
- 33 Office Employee Parking. Will fit 10 cars. Overflow to street
- 31 Employee Motorcycle Parking. Will fit about 2 motorcycles
- 28 Drivers and Driver Helpers can park their personal vehicle in the same spot as their Company Tractor / Box Va

Other

- 41 HQ Admin Office
- 22 Trash Dumpster
- 34 Recycle Dumpster
- 1 Tubes
- 2 Steel and Aluminum Bins
- 3 Tire on Rim Overflow
- 4 Grade inventory for LT casings and Truck. About 10x145 = 1,450 sq ft
- 5 Primacy Trailers: JUNK and TO BE SORTED
- 6 Tire on Rim Pile
- 7 Overflow of Passenger tires waiting to be shredded
- 8 4 unloading bays. 1 dedicated to box van drivers
- 9 Grade Tire Reject Pile - To be shredded
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- 39 Utility Trailers, outbound loaded, ready to go for drivers
- 40 Empty Les Schwab and Carrier Trailers waiting to be picked up. Will fit about 10 trailers.
- 41 HQ Admin Office
- 42 Utility Trailers, parked empty, not being used
- 43 DeRimming Production

- [Blue line] Access to Road
- [Green line] Vegetative buffer zones
- [Red line] Fire Suppression/water source (Also, Sprinklers & extinguishers throughout Office and shredder buildings)
- [Blue line] Boundary and fencing
- [Orange line] Gate
- [Yellow line] Bioswales
- [Blue arrow] Traffic Flow
- [Green dot] Signage



OPERATIONS PLAN

TDR Portland Tire Waste Processing Facility

Facility Location

TIRE DISPOSAL AND RECYCLING, LLC. (TDR)
9333 N. Harborsgate St
Portland, OR 97203
Phone (503)240-1919

Mailing Address

TIRE DISPOSAL AND RECYCLING, LLC.
P.O. Box 83478
Portland, Oregon 97283

Document Updates

- Original 10/17/03
- Updated 3/25/09
- Updated 4/3/15
- Updated 5/11/20

DEQ Permit # 1268
Metro Permit # N-022-20

Facility Contacts:

Name	Position	Email	Office #	Cell #
Chris Culp	Plant Manager	chris@tiredisposal-recycling.com	503-240-1919	503-913-7330
Lonny Heffel	Transportation Manager	lonny@tiredisposal-recycling.com	503-240-1919	360-721-0015
Adam Beck	COO	abeck@tiredisposal-recycling.com	503-240-1919	603-401-1413

1. OBJECTIVE

- **Purpose:** The site is both a staging area and location for scrap tire processing. The processing of scrap tires will be in two stages. Stage one will be to cull for gradable casings. Stage two will be the shredding of the scrap tires by using a rotary shear process. The shredder will reduce the whole tire to at least a minimum specification for landfill purposes per OAR Sections 340-64-052 through 055. The site is properly defined as a "process facility" and any storage is incidental to the process.
- **Need:** Oregon and the Northwest need a place to recycle both the State's and Region's generation of scrap tires as well as those tires removed from cleanup projects. Tire Disposal & Recycling, LLC (TDR) is currently providing these services throughout Oregon, Washington, and Idaho. These services may culminate at our processing site located at 9333 N. Harborsgate Street. Our more than 30-year track record to process over 40 million scrap tires well establishes our net worth to the community, region, and environmental management of scrap tires.
- **Justification:** A storage site is needed to be able to accept tires on a consistent and continuing basis in order to accommodate normal collection systems and our production schedules.

2. GENERAL DISCUSSION:

Tire Disposal and Recycling (TDR) currently provides a legitimate tire disposal service for the states of Oregon, Washington, Idaho, California, and Denver, and has been servicing the local communities since 1983. TDR's track record has demonstrated that the Company handles at least 12,000,000 tires annually. This facility services the Oregon and Washington region, including the Portland Metropolitan Area.

The process of scrap tires will be in two stages. Stage one will be to cull for gradable casings. Stage two will be the shredding of the scrap tires by using a slow speed rotary shear process. The shredder will reduce the whole tire to a minimum specification for landfill purposes per OAR 340-64-052 through 055. In many cases, the material will be shredded to a smaller piece for use in civil engineering projects throughout the region and/or for export energy recovery markets. Note that a large percentage of the tires will be moved off site to supply other crumb rubber processors and energy recovery facilities in the region.

All processing and storage of tires will primarily be done under roof of the existing 36,654 square feet building constructed as free span, somewhat open shed. Normal business activities will also be conducted from the existing 1,800 square foot office building located on site.

The daily anticipated flow of tires to the site may range from 8,000 to 15,000 tires. The ability to store up to 20,000 tires allows for staging during normal process interruptions due to mechanical, weather, and/or other issues. A 20,000-tire inventory would utilize on average 500 to 1,000 square feet, depending on stack height and density, which is a fairly small area relative to the total process building space and total lot space of over 5.11 acres. Although standard operating procedures will be to process tires as they arrive, some amount of storage will also allow for surge capacities. Due to the dynamic nature of incoming tires being moved to the process (shredder), it is anticipated that no one tire will be on site for longer than 30 days.

We anticipate an average of 30 truck trips per day.

3. METHODS OF TIRE DISPOSAL, PROCESSING, AND VOLUME:

Tires will be processed on site using TDR's process to accomplish our previously stated purpose, i.e., we are the end user of the whole scrap tire. Scrap tires will be processed on a normal work week schedule so as any stockpile will be dynamic rather than static, i.e., the pile will wax and wane as production allows. At no time will more than 20,000 whole tires be stored on site. Sufficient financial assurance will be presented to Oregon DEQ to cover our storage requirements. Per the preceding section, TDR anticipates a tire flow of 2,500 to 4,000 tons per month. Anticipated process capacity is 4,500 tons per month. We anticipated that by the end of each month, all incoming tires will be processed and at no time will the suggested storage limit of 20,000 whole tires be exceeded.

Tire flow will consist of tires accepted from the general public, commercial operations and from TDR's collecting operations. Tires accepted for disposal at the site include passenger, light truck, truck, off the road tires, and industrial types of tires to include tires on or off the rim. Disposal of OTR's and industrial tires not suitable for processing at this location will either be shipped to TDR's disposal site in Prineville, Oregon or to a State Permitted Disposal Facility south of Portland as currently permitted by DEQ. Tires will arrive at the site in small or large loads to include semi loads to be either hand unloaded near the process or dumped by mechanical means using a hydraulic 5th wheel lift. Albeit we are open for the public to drop off scrap tires during our normal operating hours, we seldom see the public use the site, less than 3 vehicle trips per day. The bulk of all tires either delivered to the site or material hauled from the site is via commercial trucks of which many are owned by TDR. TDR will also store its inventory of rolling stock, i.e., freight vans and tractors, on the site when not in use.

4. COMPLIANCE WITH WASTE TIRE STORAGE STANDARDS:

Normal production will generate a 2" - 8" minus tire derived aggregate (TDA) chip, or a coarse shred, for disposal or recycling. Some inventory of this material may occur on site from time to time. We agree to limit total inventory of TDA to 300 tons unless inventory is controlled by a legitimate, bona fide purchase order from a viable company. A historical review confirms our ability to properly inventory and manage chip storage. Shreds will be routinely loaded directly into semitrailer loads.

5. OPERATIONAL INFORMATION

Staffing

- Number of employees on production site = 20 production workers, 2 supervisors, 1 plant manager
- Number of office employees = 10
- Number of transportation employees based at this site, i.e., truck drivers = 13

Structure & Utilities

- Processing Building is steel frame, open shed type with sheet metal siding.
- No new construction is currently anticipated at this time.
- Simple placement of process machinery inside existing structure will be modified as needed.
- City water and sewer are plumbed and available at the site.
- Sufficient power is currently available on site.

6. STORM WATER POLLUTION CONTROLS AND STORM WATER MANAGEMENT

TDR's property is graded and designed such that the permeable surfaces on the east and west side of the production building drain away from the non-permeable surfaces (asphalt and cement paved areas). The non-permeable surface on the southern half of the property is drained to a bio swale. To further reduce the impact on stormwater, sediment bags are placed in front of the bio swales inlets to minimize silt infiltration. Any drainage from the permeable surface areas ultimately are absorbed either into those surfaces, and if run off occurs, to the surrounding green scape. The surrounding green scape consists of a very sandy soil, which quickly absorbs any runoff thus precluding storm water runoff from the permeable surfaces from leaving the site.

Any significant outside storage of TDA tires chips would occur on a temporary basis on the west side of the production, on permeable surface. This area typically drains to the north, away from the paved area.

During any catastrophic event, i.e., fire, on the west side storage, and if any runoff were to breach control measures, it could be captured in the SW quadrant by placing "portable dam" (currently on the property) in front of the discharge inlets into the bio swale. The SW quadrant is sloped to preclude drainage to any other quadrant.

Power units are typically parked on permeable surface area while freight vans and other trailers are parked on the pavement. This policy reduces the risk of discharge to the stormwater collection system from operating fluids leaking from power equipment. In the event of a leak, the site maintains an inventory of absorbent pads and absorbent aggregate near the manager's office to capture incidental spills on any surface.

Storm water that enters the production building, is collected via a catch basin, and is then pumped to the City's sanitary sewer.

7. SPILL PREVENTION, FIRE, AND RESPONSE PROCEDURES

Spill Prevention

A list of names, addresses, and telephone numbers of TDR personnel qualified to act as Emergency Coordinators is posted in the on-site Office. This list includes the telephone number of the Oregon Emergency Management Division. This agency must be contacted in the event of a release of petroleum products that may enter the storm water drainage system and reach navigable waters so that the agency can then notify the appropriate Federal and State response agencies.

TDR personnel are responsible for the cleanup of releases of petroleum products of 42 gallons or less that occur inside the TDR property line. At this level, the TDR personnel are to implement spill response actions appropriate with the equipment that is available to them to help arrest the flow of petroleum products, primarily from entering the water drainage system, but to also prevent the contamination of soil on and off the TDR facility which could be utilized for cleaning up small surface spills of oil.

The Occupational Safety and Health Administration (OSHA) guidelines state that the response to a spill or release of 42 gallons or more of petroleum products constitutes an "Emergency Response" action. A spill of oil at the facility that is greater than 42 gallons must be handled by a qualified cleanup contractor. In the event of a larger release of petroleum products and until a qualified contractor can arrive at TDR, the TDR personnel are to implement spill response actions appropriate with the equipment available to them to help arrest the flow of petroleum products, primarily from entering the storm water drainage system, but to also prevent the contamination of soil on and off the TDR property.

It is important to remember that the main process area is located inside a building, floor level is sub grade to outside the building level, and that all vehicles enter and exit the building via ramp on the south center ramp. The design of the production building creates a "bathtub" effect in that any fire residues and/or pyrolytic oil and/or other runoff during a fire fighting operation would be captured in the building and would be removed shortly.

Fire Procedures

If a fire is discovered:

- Activate the nearest fire alarm (if installed)
- Notify the Fire Department by calling 911 or reaching the local department at (503) 823-3700.
- If the fire alarm is not available, notify the site personnel about the fire emergency by one of, if not all the following means: Voice Communication, Radio, Phone Paging.

Fight the fire ONLY if:

- The Fire Department has been notified.
- The fire is small and is not spreading to other areas.
- Escaping the area is possible by backing up to the nearest exit.
- The fire extinguisher is in working condition and personnel are trained to use it.

Upon being notified about the fire emergency, occupants must:

- Leave the building using the designated escape routes.
- Assemble in the designated area (specify location):

- Remain outside until the competent authority (Designated Official or designee) announces that it is safe to reenter.

Designated Official, Emergency Coordinator or supervisors must (underline one):

- Disconnect utilities and equipment unless doing so jeopardizes his/her safety.
- Coordinate an orderly evacuation of personnel.
- Perform an accurate head count of personnel reported to the designated area.
- Determine a rescue method to locate missing personnel.
- Provide the Fire Department personnel with the necessary information about the facility.
- Perform assessment and coordinate weather forecast office emergency closing procedures

Area/Floor Monitors must:

- Ensure that all employees have evacuated the area/floor.
- Report any problems to the Emergency Coordinator at the assembly area.

Assistants to Physically Challenged should:

- Assist all physically challenged employees in emergency evacuation.

See Section 15 Appendix for maps of Fire Extinguishers, Building Exits, & Meeting Areas.

In the event of an emergency, spill, or fire, please immediately contact the Facility Contacts listed on page 1. Then call the Oregon Emergency Management Division 800-452-0311 to describe the situation and the estimated quantity of material released. If there is a life-threatening emergency or fire, call 911.

Depending on circumstances of the spill, notify the appropriate State and Federal agencies such as the Oregon DEQ, Dept. of Fish & Wildlife, State Police, OSHA, Office of Emergency Management, State Fire Marshall, US Coast Guard, US DOT, US EPA. Spill reporting contacts include:

Portland BES
503-823-7088

Oregon Operations Office (EPA)
503-326-2676

Oregon Dept. of Fish and Wildlife
503-657-2008

Oregon DEQ Spill Reporting
503-229-5696

US EPA National Response Center
800-424-8802

US Coast Guard Marine Safety Office
503-240-9370

8. PREVENTATIVE MAINTENANCE:

All vehicles that enter the TDR property are to be checked by facility personnel to ensure that they are not leaking hazardous substances when they enter the facility. TDR regularly maintains its fleet of vehicles to ensure that they are not leaking hazardous substances such as gasoline, diesel fuel, engine oil and antifreeze onto the surface drainage area at the facility.

TDR also regularly maintains pipes, valves, fittings and other mechanisms that are associated with hazardous substance transfer operations to ensure that they do not release their hazardous substance contents on the surface drainage areas at the facility. The area around the stormwater bio swale inlets are kept clean to ensure that foreign materials are not discharged to the receiving waters during a storm water event or that they do not impede the function of the swale.

9. LIQUID STORAGE:

- Unused oils - All unused oils and fluids will be stored in properly marked metal containers within the designated storage area inside the production building. As this building floor is sub-grade and sealed. Any leaks would be captured in the building.
- Used oils - All used oils are stored in properly labeled 55-gallon drums located within the designated storage area inside the production building. As this building floor is sub-grade and sealed. Any leaks would be captured in the building.
- Other combustible fluids -All other miscellaneous flammable materials are stored in properly labeled steel containers located in the designated storage area inside the production building near the "shop" area.
- Portable 500-gallon diesel tank - This tank is parked on a cement pad (center, east side of production building) with a cement berm surrounding the pad to preclude material from escaping the capture basin created by the berm. There is a sealed sump that in the event of a major drop of fuel onto the pad, that would collect the spill and provide for collection and pumping into a disposal tank.

10. EXTENDED POWER LOSS

In the event of extended power loss to a facility certain precautionary measures should be taken depending on the geographical location and environment of the facility:

- Unnecessary electrical equipment and appliances should be turned off in the event that power restoration would surge causing damage to electronics and effecting sensitive equipment.
- Facilities with freezing temperatures should turn off and drain the following lines in the event of a long-term power loss.
 - Fire sprinkler system
 - Standpipes
 - Potable water lines
 - Toilets
- Add propylene-glycol to drains to prevent traps from freezing
- Equipment that contain fluids that may freeze due to long term exposure to freezing temperatures should be moved to heated areas, drained of liquids, or provided with auxiliary heat sources.

Upon Restoration of heat and power:

- Electronic equipment should be brought up to ambient temperatures before energizing to prevent condensate from forming on circuitry.
- Fire and potable water piping should be checked for leaks from freeze damage after the heat has been restored to the facility and water turned back on.

11. SEVERE WEATHER AND NATURAL DISASTERS

In the event of severe weather or a natural disaster, employees should follow procedures below:

Tornado:

- When a warning is issued by sirens or other means, seek inside shelter. Consider the following:
- Small interior rooms on the lowest floor and without windows,
- Hallways on the lowest floor away from doors and windows, and
- Rooms constructed with reinforced concrete, brick, or block with no windows.
- Stay away from outside walls and windows.
- Use arms to protect head and neck.
- Remain sheltered until the tornado threat is announced to be over.

Earthquake:

- Stay calm and await instructions from the Emergency Coordinator or the designated official.
- Keep away from overhead fixtures, windows, filing cabinets, and electrical power.
- Assist people with disabilities in finding a safe place.
- Evacuate as instructed by the Emergency Coordinator and/or the designated official.

Flood:

If indoors:

- Be ready to evacuate as directed by the Emergency Coordinator and/or the designated official.
- Follow the recommended primary or secondary evacuation routes.

If outdoors:

- Climb to high ground and stay there.
- Avoid walking or driving through flood water.
- If car stalls, abandon it immediately and climb to a higher ground.

Hurricane:

- The nature of a hurricane provides for more warning than other natural and weather disasters. A hurricane watch issued when a hurricane becomes a threat to a coastal area. A hurricane warning is issued when hurricane winds of 74 mph or higher, or a combination of dangerously high water and rough seas, are expected in the area within 24 hours.

Once a hurricane watch has been issued:

- Stay calm and await instructions from the Emergency Coordinator or the designated official.
- Moor any boats securely or move to a safe place if time allows.
- Continue to monitor local TV and radio stations for instructions.
- Move early out of low-lying areas or from the coast, at the request of officials.
- If you are on high ground, away from the coast and plan to stay, secure, moving all loose items indoors and boarding up windows and openings.
- Collect drinking water in appropriate containers.

Once a hurricane warning has been issued:

- Be ready to evacuate as directed by the Emergency Coordinator and/or the designated official.
- Leave areas that might be affected by storm tide or stream flooding.

During a hurricane:

- Remain indoors and consider the following:
- Small interior rooms on the lowest floor and without windows,
- Hallways on the lowest floor away from doors and windows, and
- Rooms constructed with reinforced concrete, brick, or block with no windows.

Blizzard:

If indoors:

- Stay calm and await instructions from the Emergency Coordinator or the designated official.
- Stay indoors!
- If there is no heat:
- Close off unneeded rooms or areas.
- Stuff towels or rags in cracks under doors.
- Cover windows at night.
- Eat and drink. Food provides the body with energy and heat. Fluids prevent dehydration.
- Wear layers of loose-fitting, light-weight, warm clothing, if available.

If outdoors:

- Find a dry shelter. Cover all exposed parts of the body.
- If shelter is not available:
- Prepare a lean-to, wind break, or snow cave for protection from the wind.
- Build a fire for heat and to attract attention. Place rocks around the fire to absorb and reflect heat.
- Do not eat snow. It will lower your body temperature. Melt it first.

If stranded in a car or truck:

- Stay in the vehicle!
- Run the motor about ten minutes each hour. Open the windows a little for fresh air to avoid carbon monoxide poisoning. Make sure the exhaust pipe is not blocked.
- Make yourself visible to rescuers.
- Turn on the dome light at night when running the engine.
- Tie a colored cloth to your antenna or door.
- Raise the hood after the snow stops falling.
- Exercise to keep blood circulating and to keep warm.

12. ODOR MITIGATION

The storage of material does not emit intrusive odors. During the shredding process, water is sprayed into the shredder which further suppresses odors. In the unlikely event odor is detected, the staff is trained to report odors to their supervisor. The supervisor will notify management, write up a report and tour the facility to detect and eliminate the odor.

13. NUISANCE MITIGATION

- Noise - TDR's processing equipment operate under 85 decibel level, and operates inside the building.
- Vectors - No tires are stored long enough for mosquito problems. If a pest problem were to arise, there is a vetted pest control company under contract to address the issue.
- Dust – TDR uses water sprayers on the shredders to control dust created from the shredding process.
- Litter - TDR has employees clean up the property two times a week and has a sweeper truck clean the lot monthly.
- Covering loads - 90% or more of the waste tires coming into the processing plant arrive via covered box van or trailer. Residential customers arrive in pick-up trucks and trailers with secured loads.

14. CLOSURE PLANS

Short Term Closure (30 days or less)

TDR's property is fenced and gated. If closed, the gate will be locked and signage would be posted at the gate, notifying the public of the temporary closure. The property is monitored by a camera system and alarm for security. TDR would notify the DEQ and Metro with the reason and length for the short-term closure and Existing customers would be informed via phone call and/or email of the temporary closure.

Long Term and Permanent Closure (30 days or more)

For a long-term closure, TDR would perform the steps listed above. However, signage notifying the public would state TDR is closed for an extended period of time or permanently. If TDR permanently closes, the remaining tire inventory would be processed and removed from the site. TDR would notify the DEQ and Metro with the reason and length for the long-term closure and Existing customers would be informed via phone call and/or email.

15. APPENDIX – Maps

Fire Extinguisher Locations



Exits for Buildings



Meeting Area in Case of Emergency



ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

2/28/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Propel Insurance Medford Commercial Insurance P O Box 936 Medford, OR 97501	CONTACT NAME: Linda Shaddon PHONE (A/C, No, Ext): 541 494-7728 FAX (A/C, No): 541 494-7728 E-MAIL ADDRESS: linda.shaddon@propelinsurance.com INSURER(S) AFFORDING COVERAGE INSURER A: The Ohio Casualty Insurance Company NAIC # 24074 INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:
INSURED Castle Tire Disposal, LLC Waste Recovery West, LLC; Tire Disposal & Recycling, LLC; PO Box 83478 Portland, OR 97283	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> WA Stop-Gap GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:		BKO58957060	07/01/2019	07/01/2020	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$1,000,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COM/OP AGG \$2,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY		BAS58957060	07/01/2019	07/01/2020	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$10,000		USO58957060	07/01/2019	07/01/2020	EACH OCCURRENCE \$1,000,000 AGGREGATE \$1,000,000 \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$


DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

The GL & Auto policies include blanket additional insured and blanket waiver of subrogation endorsements [provisions] that provide additional insured/WOS status to the certificate holder when there is a written contract between the named insured and the certificate holder that requires such status.

Metro, its elected officials, departments, employees and agents.

CERTIFICATE HOLDER

CANCELLATION

Metro Attn Barb Leslie 600 NE Grand Ave Portland, OR 97232	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
-------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Department of Environmental Quality
LAND USE COMPATIBILITY STATEMENT (LUCS)



WHAT IS A LUCS? The Land Use Compatibility Statement is the process used by the DEQ to determine whether DEQ permits and other approvals affecting land use are consistent with local government comprehensive plans.

WHY IS A LUCS REQUIRED? Oregon law requires state agency activities that impact land use be consistent with local comprehensive plans. DEQ Division 18 administrative rules identify agency activities or programs that significantly affect land use. These programs must have a process for determining local plan consistency.

WHEN IS A LUCS REQUIRED? A LUCS is required for nearly all DEQ permits, some general permits, and certain approvals of plans or related activities that affect land use. These activities are listed in this form. A single LUCS can be used if more than one DEQ permit/approval is being applied for concurrently.

A permit modification requires a LUCS when any of the following applies:

1. physical expansion on the property or proposed use of additional land;
2. a significant increase in discharges to water;
3. a relocation of an outfall outside of the source property; or
4. any physical change or change of operation of an air pollutant source that results in a net significant emission rate increase as defined in OAR 340-200-0020.

A permit renewal requires a LUCS if one has not previously been submitted, or if any of the above four permit modification factors apply.

HOW TO COMPLETE A LUCS:

<u>Step</u>	<u>Who Does It</u>	<u>What Happens</u>
1	Applicant	Completes Section 1 of the LUCS and submits it to the appropriate city or county planning office.
2	City or County Planning Office	Determines if the business or facility meets all local planning requirements, and returns to the applicant the signed and dated LUCS form <u>with findings of fact for any local reviews or necessary planning approvals.</u>
3	Applicant	Includes the completed LUCS with <u>findings of fact</u> with the DEQ permit or approval submittal application to the DEQ.

WHERE TO GET HELP: Questions about the LUCS process can be directed to DEQ staff responsible for processing the permit/approval, or directed to DEQ's Intergovernmental Coordinator at 503-229-6408. Headquarters and regional offices may also be reached using DEQ's toll-free telephone number 1-800-452-4011.

SECTION 1 - TO BE FILLED OUT BY APPLICANT (may be filled in electronically using Tab key to move to each field)

1. Applicant Name: <u>Tire Disposal & Recycling, Inc.</u>	Contact Person: <u>Mark W. Hope</u>
Location Address: <u>9333 N. Harborside Street</u>	Mailing Address: <u>P.O. Box 478</u>
City, State Zip: <u>Portland, Oregon 97203</u>	City, State Zip: <u>Clackamas, Oregon 97015</u>
Telephone: <u>(503)557-7800</u>	Tax Account No: <u>R175838</u>
Township: <u>T.2N</u>	Tax Lot No: <u>1700</u>
Latitude: <u>45.6024</u>	Range: <u>R.1W</u>
	Section: <u>SW1/4ofSE1/4 SEC26</u>
	Longitude: <u>122.764</u>

Use the **DEQ Location Finder** (<http://deq12.deq.state.or.us/website/findloc>) to determine latitude/longitude.

2. Describe the type of business or facility and services or products provided:

Service to commercial business to conduct scrap tire processing for shipment to beneficial use and/or disposal at DEQ permitted sites. Provide service to commercial and retail tire businesses in Multnomah County and throughout the NW Region. Maximum storage capacity per financial assurance with Oregon DEQ = 20,000 whole tires. Intend to process and operate "inside" building. Most storage will occur inside building.

3. Check the type of DEQ permit(s), or approval(s) being applied for at this time.

- | | | |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Air Notice of Construction | <input type="checkbox"/> Pollution Control Bond Request | <input type="checkbox"/> Clean Water State Revolving Fund Loan Request |
| <input type="checkbox"/> Air Discharge Permit (excludes portable facility permits) | <input type="checkbox"/> Solid Waste Compost Registration - Permit | <input type="checkbox"/> Water Quality NPDES/WPCF Permit (for onsite construction-installation permits use DEQ's Onsite LUCS form) |
| <input type="checkbox"/> Title V Air Permit | <input type="checkbox"/> Solid Waste Letter Authorization Permit | <input type="checkbox"/> Wastewater/Sewer Construction Plan/Specifications (includes review of plan changes that require use of new land) |
| <input type="checkbox"/> Parking/Traffic Circulation Plan | <input type="checkbox"/> Solid Waste Material Recovery Facility Permit | <input type="checkbox"/> Water Quality Storm Water General Permit |
| <input type="checkbox"/> Air Indirect Source Permit | <input type="checkbox"/> Solid Waste Transfer Station Permit | <input type="checkbox"/> Other Water Quality General Permit (Generals: 600 (if mobile), 700, 1200CA, 1500, 1700 (if mobile) are exempted)) |
| <input type="checkbox"/> Solid Waste Disposal Permit | <input checked="" type="checkbox"/> Solid Waste - Waste Tire Storage Permit | <input type="checkbox"/> Federal Permit - Water Quality 401 Certification |
| <input type="checkbox"/> Solid Waste Treatment Permit | <input type="checkbox"/> Hazardous Waste/PCB Storage/Treatment/Discharge Permit | |

4. This application is for: ☐ permit renewal ☒ new permit ☐ permit modification ☐ other _____

SECTION 2 - TO BE FILLED OUT BY CITY OR COUNTY PLANNING OFFICIAL

5. The facility proposal is located: ☒ inside city limits ☒ inside UGB ☐ outside UGB
6. Name of the city or county that has land use jurisdiction (the legal entity responsible for land use decisions for the subject property or land use): Portland
7. Does the business or facility comply with all applicable local land use requirements?
- ☒ YES; attach findings to support the affirmative compliance decision (as required by Oregon Administrative Rules (OAR) 660, Division 31). 03-166634 PJ
- ☐ NO; attach findings for noncompliance, and identify requirements the applicant must comply with before LUCS compatibility can be determined.

8. Planning Official Signature: [Signature] Title: City Planner II
Print Name: Jim Claypool Telephone No.: 503 823 7192 Date: 10/21/03

*Planning Official Signature: _____ Title: _____
Print Name: _____ Telephone No.: _____ Date: _____

(*If necessary, depending upon city/county agreement on jurisdiction outside city limits but within UGB.)

Please Note: A LUCS approval cannot be accepted by DEQ until all local requirements have been met. Written findings of fact for all local decisions addressed under Item No. 7 above must be attached to the LUCS.

CULTURAL RESOURCES PROTECTION LAWS: Applicants involved in ground-disturbing activities should be aware of federal and state cultural resources protection laws. ORS 358.920 prohibits the excavation, injury, destruction, or alteration of an archeological site or object, or removal of archeological objects from public and private lands without an archeological permit issued by the State Historic Preservation Office. 16 USC 470, Section 106, National Historic Preservation Act of 1966 requires a federal agency, prior to any undertaking, to take into account the effect of the undertaking that is included on or eligible for inclusion in the National Register. For further information, contact the State Historic Preservation Office at 503-378-4168, extension 232.

Property Use Consent

Solid waste application supplemental form



Metro

600 NE Grand Ave.
Portland, OR 97232
503-797-1835

SUBMIT THIS FORM TO:

Metro

Solid Waste Compliance and Cleanup

600 NE Grand Avenue

Portland, OR 97232-2736

Tel: (503) 797-1835

Fax: (503) 813-7544

SWCC@oregonmetro.gov

Metro use only

DATE RECEIVED:

DATE DEEMED COMPLETE BY METRO:

Property Use Consent

1. Property Owner.

Name:	Stryder LLC
Mailing Address:	1201 Pacific Ave #1400
City/State/Zip:	Tacoma, WA 98402
Phone Number:	253-722-1422

2. Site Description.

Tax Lot(s): 1700	Section: 26	Township: T2N	Range: R.1W
Address: 9333 N HARBORGATE ST, PORTLAND, OR 97203			

3. Describe the applicant's proposed use of this property.

To receive, sort and process scrap tires from Oregon, Washington, Idaho and California for recycling and disposal purposes.

4. Describe the property interest held by the prospective Licensee or Franchisee (Applicant).

120 month lease (10 years) w/ two optional five-year renewal options

5. Describe the duration of the interest.

March 1, 2020 to February 28, 2030

Property Use Consent

Solid waste application supplemental form



Metro

600 NE Grand Ave.
Portland, OR 97232
503-797-1835

APPLICANT CERTIFICATION:

An authorized agent of the applicant must sign this form. Metro will not accept a form without a signature.

I certify that the information contained in this form is true and correct to the best of my knowledge. I agree to notify Metro within 10 days of any change in the information submitted as a part of this application.

SIGNATURE OF AUTHORIZED AGENT

TITLE

PRINT NAME

DATE

PHONE

PROPERTY OWNER(S): This form cannot be processed without a signature.

"I consent to the applicant's proposed use of this property as described on this form. I have also read and agree to be bound by the provisions of Section 5.01 of the Metro Code if the applicant is granted a franchise or license and that franchise or license is subsequently revoked or if renewal of that franchise or license is refused." Metro Code Section 5.01 states: "Upon revocation or refusal to renew the Franchise or License, all rights of the Franchisee or Licensee in the Franchise or License shall immediately be divested."

I certify that the information contained in this form is true and correct to the best of my knowledge. I agree to notify Metro within 10 days of any change in the information submitted as a part of this application.

SIGNATURE

PRINT NAME

DATE

PHONE

SIGNATURE

PRINT NAME

DATE

PHONE



Oregon

Kate Brown, Governor

Department of Environmental Quality

Northwest Region

700 NE Multnomah Street, Suite 600

Portland, OR 97232

(503) 229-5263

FAX (503) 229-6957

TTY 711

December 12, 2019

Chris Culp
Plant Manager
Tire Disposal & Recycling
9333 N Harborside Street
Portland, OR 97203

**Tire Disposal & Recycling, Waste Tire Carrier/Storage Permit Number 1268
Site Inspection**

Mr. Culp,

On December 12, 2019, DEQ visited the above-referenced facility located in Portland Oregon, to determine compliance with your Waste Tire Carrier/Storage Combo Permit #1268. You escorted me on the inspection where I observed the site to be in compliance with your permit. As I mentioned during the inspection, TDR's current permit expires January 1, 2020. You are required to apply for a permit renewal before expiration.

Thank you for your cooperation and please review the enclosed inspection report.

DEQ endeavors to assist you in your compliance efforts. Should you have any questions about the content of this letter, please contact me at 503-229-5562 or by email at papinsick.christopher@deq.state.or.us.

Sincerely,

Chris Papinsick
Solid Waste Inspector
Materials Management Program
Northwest Region – Portland Office



Oregon DEQ Solid Waste Disposal Facility Inspection Form

FACILITY: Tire Disposal & Recycling

PERMIT NO: 1268

INSPECTOR NAME: Chris Papinsick

INSPECTION DATE: December 12, 2019

COUNTY: Multnomah

Inspection Basis:

- | | | |
|-----------------------------------------------------------|----------------------------------------------------|--------------------------------------------|
| <input checked="" type="checkbox"/> Compliance Inspection | <input type="checkbox"/> Plan Review/Report Review | <input type="checkbox"/> Citizen Complaint |
| <input type="checkbox"/> Comprehensive Inspection | <input type="checkbox"/> Permit Condition | <input type="checkbox"/> Field Siting |
| <input type="checkbox"/> Compliance Audit | <input type="checkbox"/> Enforcement Follow-Up | <input type="checkbox"/> Other (specify) |

Facility Type:

- | | | |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| <input type="checkbox"/> Open MSW Landfill | <input type="checkbox"/> Open Construction/Demo LF | <input type="checkbox"/> SWLA Facility |
| <input type="checkbox"/> Closed MSW Landfill | <input type="checkbox"/> Closed Construction/Demo LF | <input checked="" type="checkbox"/> Tire Storage Facility |
| <input type="checkbox"/> Open Industrial Landfill | <input type="checkbox"/> Transfer Station | <input checked="" type="checkbox"/> Tire Carrier |
| <input type="checkbox"/> Closed Industrial Landfill | <input checked="" type="checkbox"/> Material Recovery Facility | <input type="checkbox"/> Private Business (no permit) |
| <input type="checkbox"/> Open Woodwaste Landfill | <input type="checkbox"/> Septage Lagoon | <input type="checkbox"/> Private Residence (no permit) |
| <input type="checkbox"/> Closed Woodwaste Landfill | <input checked="" type="checkbox"/> Other (specify) Combo waste tire storage/carrier permit | |

Inspection Summary:

DEQ Solid Waste conducted an unannounced inspection to determine compliance with Tire Disposal & Recycling's (TDR) waste tire carrier/storage permit #1268. Their current permit expires January 1, 2020. TDR was reminded that their permit expires in a few weeks. The previous inspection of TDR was conducted on December 14, 2018. No violations were observed in 2018 or 2019.

Chris Culp, Plant Manager of TDR accompanied Chris Papinsick (DEQ) for the site inspection. The inspection included both inside and outside processing areas. TDR uses two tire shredders to process material. One pile is for 6-inch shreds and another pile is for 2-inch shreds. Both have different markets and end use. OTRs are sent to Ultimate RB for processing. I observed multiple trailers full of incoming product parked in the front lot of TDR. Chris mentioned that incoming material fluctuates per season. The current 2-inch shred pile is removed from site every 3 weeks or when a certain amount is processed. This shred pile was managed in an orderly manner. TDR should keep the perimeter road reasonably clear for vehicles in case of emergency.

Overall, the facility is operating within the guidelines of their permit.



Oregon DEQ Solid Waste Disposal Facility Inspection Form

FACILITY: Tire Disposal & Recycling

PERMIT NO: 1268

INSPECTOR NAME: Chris Papinsick

INSPECTION DATE: December 12, 2019

COUNTY: Multnomah

Permit Requirements Checklist for Transfer Stations & MRFs - (Yes answers indicate compliance)

1) Changes In Ownership - Has the permittee reported to the Department any changes in either ownership of the TS property or of the name and address of the permittee or operator within ten (10) days of the change?

☐ Yes ☐ No Notes: No change in ownership.

2) Wastes Authorized for Receipt - Is only solid waste being accepted at the TS for disposal?

☒ Yes ☐ No Notes: Only tires are accepted at this facility.

3) Salvaging and Recycling - Are they being conducted in a controlled and orderly manner?

☒ Yes ☐ No Notes: Piles of product, waste, and storage were managed in an orderly way.

4) Hazardous Wastes - Are NO hazardous wastes, liquid wastes, lead-acid batteries, source separated recyclable materials, asbestos, infectious wastes, or explosives being accepted for disposal at the TS? Except as authorized in the permit?

☒ Yes ☐ No Notes: _____

5) Open Burning - Is NO open burning being conducted at the TS, except as authorized in the permit?

☒ Yes ☐ No Notes: No open burning is allowed.

6) Prohibited Materials - Are there NO prohibited materials in the authorized open burn pile (only materials allowed in authorized open burn piles are unpainted dimensional lumber and tree/shrub debris)?

☒ Yes ☐ No Notes: No prohibited items were observed.

7) Operations Plan - Is the TS being operated in accordance with the approved Operations Plan?

☒ Yes ☐ No Notes: _____

8) Permit - Is a copy of the permit displayed where it can readily be referred to by operating personnel?

☒ Yes ☐ No Notes: _____

9) Solid Waste Containers - Are all solid waste containers being kept cleaned as necessary to maintain a sanitary operating environment and to prevent malodors, unsightliness, and attraction of insects?

☒ Yes ☐ No Notes: _____

10) Litter - Are the TS site and adjacent lands being maintained virtually free of litter at all times?

☒ Yes ☐ No Notes: No litter was observed.

11) Air Quality and Noise - Are dust, malodors and noise being controlled?

☒ Yes ☐ No Notes: Machinery did not create excessive noise or dust.

12) Drainage - Is surface water drainage being diverted around or away from the waste handling and storage area and are surface water diversion ditches or structures in a serviceable condition and free of obstructions?

☒ Yes ☐ No Notes: _____

13) Waste Removal - Is the permittee removing waste from the TS as often as needed/required to prevent nuisances?

☒ Yes ☐ No Notes: There was no accumulation of waste that created a nuisance.

14) Unloading Areas - Are the areas for unloading of solid waste clearly defined by signs, fences, or barriers?

☒ Yes ☐ No Notes: _____

15) Access Control - Is public access to the TS being controlled to prevent unauthorized entry and dumping?

☒ Yes ☐ No Notes: Gates are locked when the facility is closed.



Oregon DEQ Solid Waste Disposal Facility Inspection Form

FACILITY: Tire Disposal & Recycling

PERMIT NO: 1268

INSPECTOR NAME: Chris Papinsick

INSPECTION DATE: December 12, 2019

COUNTY: Multnomah

16) Fire Protection - Is adequate on-site fire control protection being provided? Have arrangements been made with the local fire control agency to immediately acquire their services when needed?

☒ Yes ☐ No Notes: Portland Fire recently conducted a site inspection of TDR.

17) Roads - Is the access road/s providing reasonable all-weather access for vehicles using the site?

☒ Yes ☐ No Notes: Road was clear and free of debris.

18) Entrance Sign - Is there a sign at the TS that contains: name of facility, emergency phone number, days and hours of operation, authorized and prohibited wastes, solid waste permit number and operator's address?

☒ Yes ☐ No Notes: Observed sign at entrance gate.

19) Recyclable Materials - Is the permittee providing a place for receiving the recyclable materials listed in the permit ---- either at the TS or at a more convenient location to the population served by the TS?

☒ Yes ☐ No Notes: _____

20) Recycling Information - Is the permittee providing recycling information to disposal site users on printed handbills which includes the following information: the location of the recycling center at the disposal site or another location; the hours of operation of the recycling center; instructions for correct preparation of accepted source separated recyclable material; the materials accepted for recycling; and, the reasons why people should recycle?

☒ Yes ☐ No Notes: _____

21) Recycling Sign - Is there a recycling sign, prominently displayed at the TS, which indicates: the availability of recycling at the TS site or another location; the materials accepted at the recycling center; and the hours of operation of the recycling center (if different than TS site hours)? (Note: The sign must indicate the recycling center location, if not at the TS site.)

☒ Yes ☐ No Notes: _____

22) Recyclables Storage - Are all recyclable materials, except car bodies, white goods and other bulky items being stored in containers at the TS?

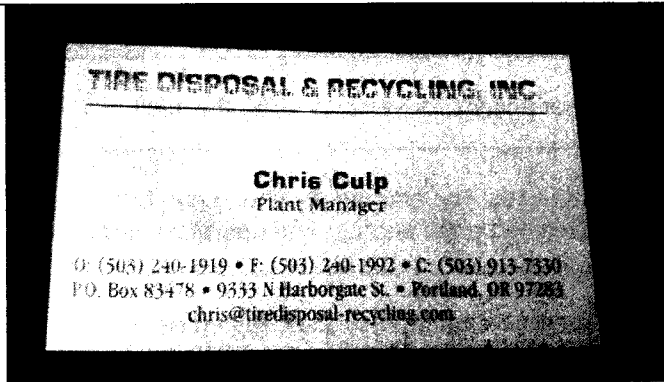
☒ Yes ☐ No Notes: Metal rims, rubber product, and staged waste tires are managed properly.



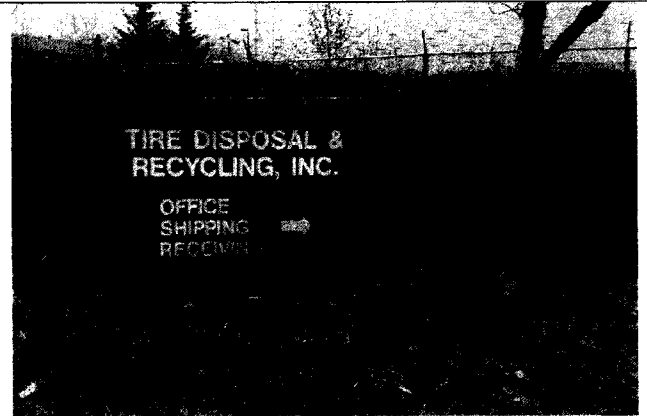
Oregon DEQ Solid Waste Disposal Facility Inspection Form

FACILITY: Tire Disposal & Recycling
INSPECTOR NAME: Chris Papinsick
COUNTY: Multnomah

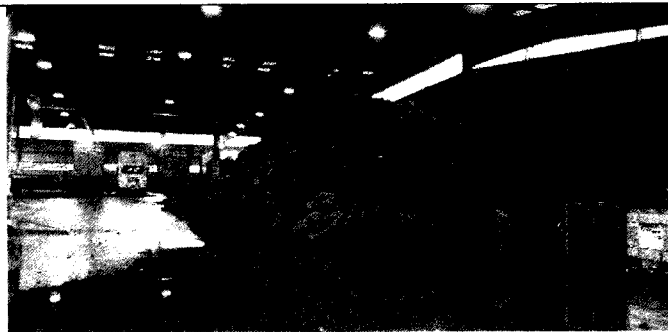
PERMIT NO: 1268
INSPECTION DATE: December 12, 2019



Contact card



Entrance sign



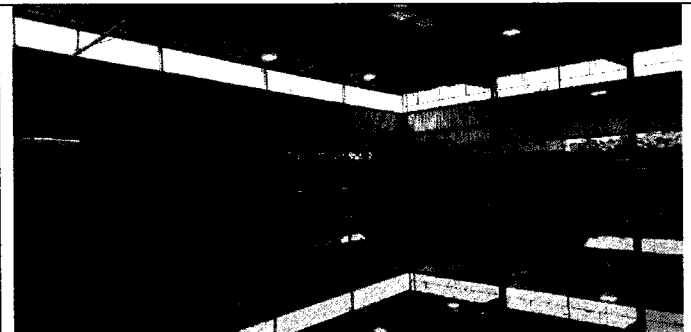
OTR pile



Shredders and conveyors inside facility



6-inch shredded product



Incoming staged product



Oregon DEQ Solid Waste Disposal Facility Inspection Form

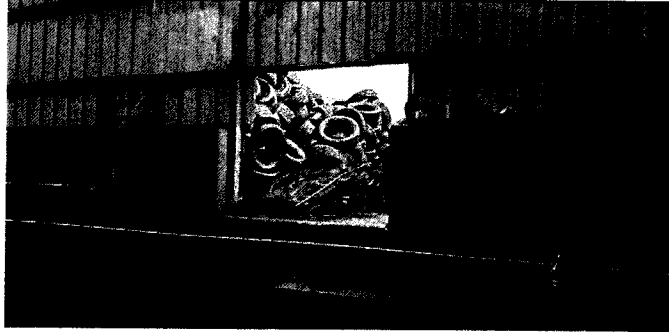
FACILITY: Tire Disposal & Recycling

PERMIT NO: 1268

INSPECTOR NAME: Chris Papinsick

INSPECTION DATE: December 12, 2019

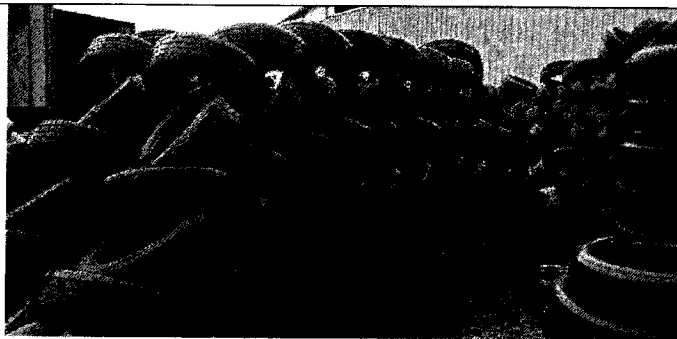
COUNTY: Multnomah



Conveyor connecting inside to outside



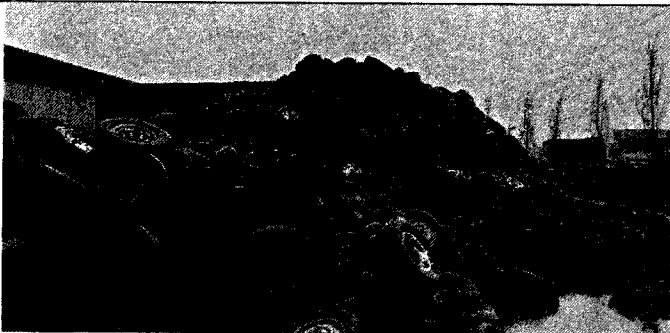
Loading of used tires for re-sale



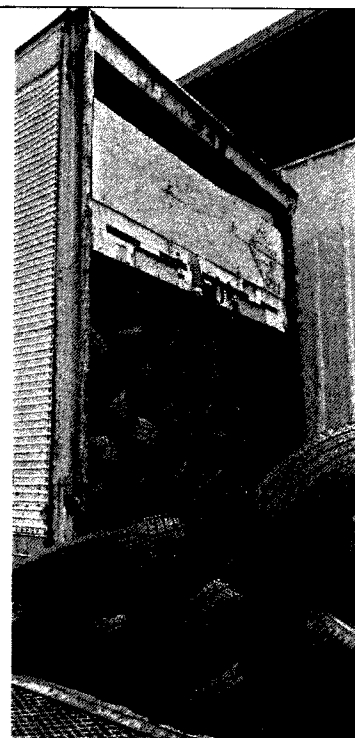
Ricked used tire area



Tire de-rimming area



Incoming rimmed tire pile



Tires loaded for removal



Oregon DEQ Solid Waste Disposal Facility Inspection Form

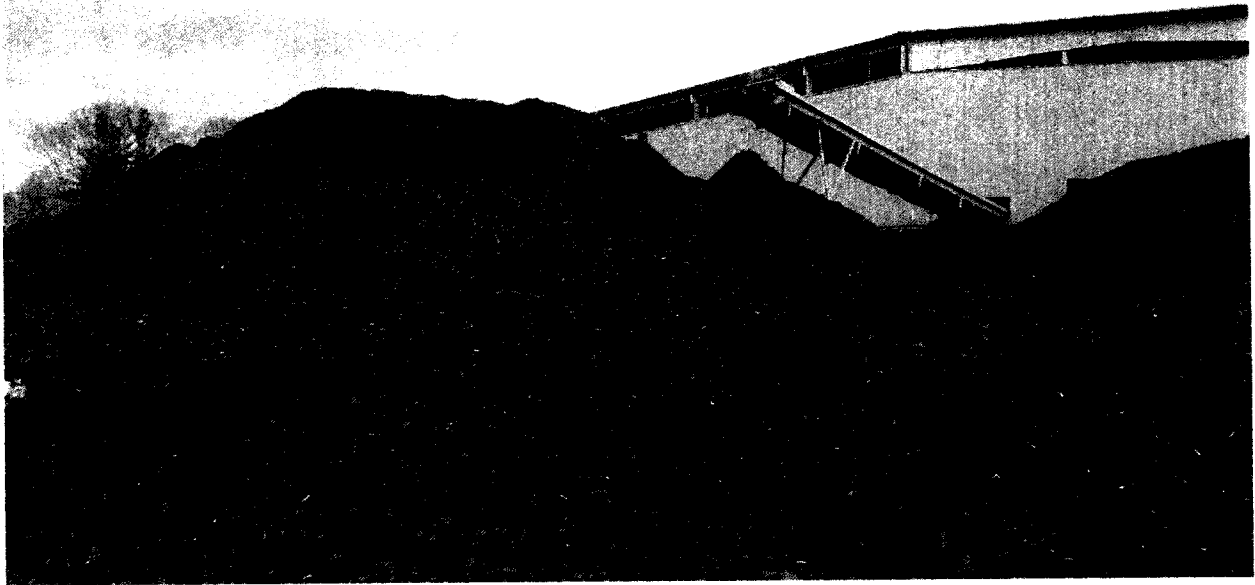
FACILITY: Tire Disposal & Recycling

PERMIT NO: 1268

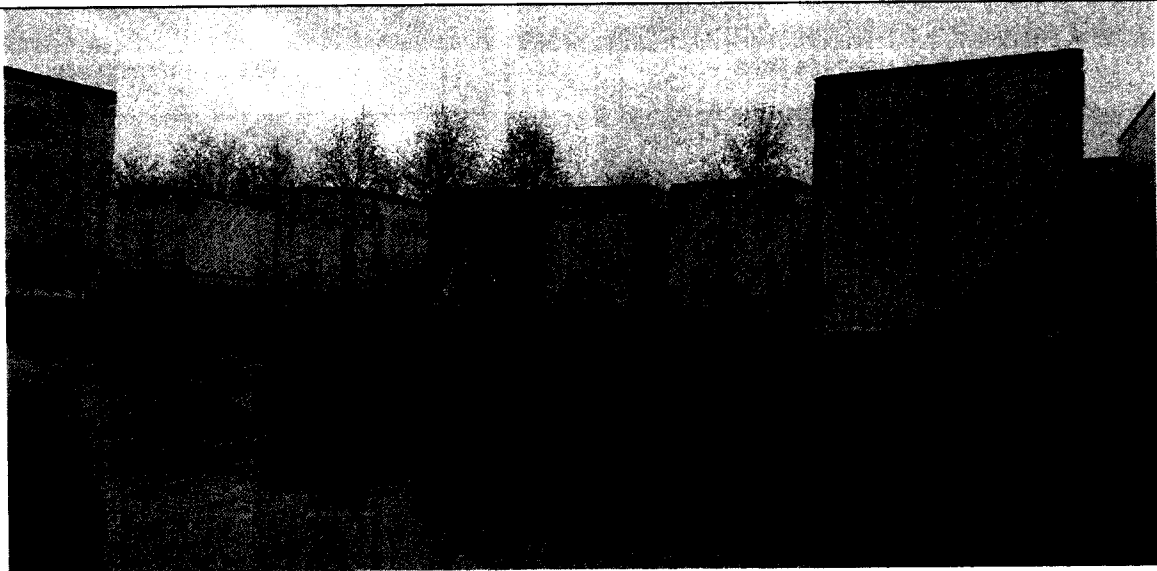
INSPECTOR NAME: Chris Papinsick

INSPECTION DATE: December 12, 2019

COUNTY: Multnomah



Shredded rubber pile



Staged incoming material in trailers

Violations and Enforcement Type:

☒ None

☐ NON, No Enforcement Referral

☐ NON, With Enforcement Referral


Chris Papinsick
Solid Waste Compliance Specialist
Materials Management
DEQ – Portland Office



State of Oregon
Department of
Environmental
Quality

Application for Waste Tire Storage Site, Beneficial Use or Combined Storage/Carrier Permit

Authority Oregon Revised Statutes 459.715

DEQ BUSINESS OFFICE USE ONLY

Date Rec'd: _____

Amount Rec'd: _____

Check No.: _____

Deposit No.: _____

Forward confirmation of fee payment to:

- Eastern Region: DEQ-The Dalles
- Northwest Region: DEQ-NWR
- Western Region: DEQ-Eugene

A. PERMIT REQUIRED

Beneficial Use Waste Tire Storage Site Permit <input type="checkbox"/>	Waste Tire Storage Site Permit <input type="checkbox"/>	Combined Waste Tire Carrier/Storage Site Permit <input checked="" type="checkbox"/>
------------------------------------------------------------------------	---------------------------------------------------------	-------------------------------------------------------------------------------------

B. TYPE OF PERMIT REQUESTED

New <input type="checkbox"/>	Renewal <input checked="" type="checkbox"/>
------------------------------	---------------------------------------------

C. REFERENCE INFORMATION *Attach additional sheets if needed. Please type or print clearly.*

1. APPLICANT INFORMATION

Name	Kosta Golemis
Company name	TIRE DISPOSAL & RECYCLING, LLC
Address	PO BOX 83478
City, State, Zip	PORTLAND, OR, 97283
Telephone	(503) 240-1919
Email	kgolemis@tiredisposal-recycling.com

2. PROPERTY OWNER INFORMATION

COPY

Name	TDR Portland Property, LLC
Mailing address	PO BOX 83478
City, State, Zip	PORTLAND, OR, 97283
Telephone or email	(503) 240-1919

3. FACILITY INFORMATION

Facility common name	TIRE DISPOSAL & RECYCLING, LLC
Permit No. (if applicable)	1268
Street address	9333 N HARBORGATE ST
City, State, Zip	PORTLAND, OR 97203
County	MULTNOMAH COUNTY
Latitude & longitude	45.621480,-122.774030
Tax lot number(s)	HARBORGATE WEST, LOT 3
Mailing address	PO BOX 83478
City, State, Zip	PORTLAND, OR 97283

Operator name	CHANDOS MAHON
Operator telephone	(503) 240-1919
Operator email	CHANDOS@tiredisposal-recycling.com
Modification Reason (if applicable)	N/A

D. FULL NAME OF INDIVIDUAL OWNER, ALL PARTNERS OR CORPORATE OFFICERS

Name	CHANDOS MAHON, CEO
Mailing address	PO BOX 83478
City, State, Zip	PORTLAND, OR, 97283
Telephone or email	(503) 240-1919

E. FACILITY INFORMATION

The following questions must be answered by all applicants, including beneficial use applicants.

Type of business at the site (check all that apply)

Waste Tire Storage Site	<input checked="" type="checkbox"/>	Waste Tire Processor	<input checked="" type="checkbox"/>	Tire Re-treader	<input type="checkbox"/>
Waste Tire Carrier	<input checked="" type="checkbox"/>	Auto Wrecker	<input type="checkbox"/>	Residence	<input type="checkbox"/>
Farm	<input type="checkbox"/>	Other	<input type="checkbox"/>		

Maximum number of tires you expect to store at your site?	20,000 Passenger Tire Equivalents	tires
If a renewal, has this amount changed since your last application or renewal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
What is the maximum volume of tire-derived product to be stored at the site	6,400	cubic yards
If a renewal, has this amount changed since your last application or renewal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Do you plan to accept waste tires from the public or waste tire carriers?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
How much do you charge to accept tires?	Average of \$2.50/PTE (Depends on size and region of p/u)	
Is your site located on a wetland or 25 year flood plan? (Local planning department may to assist you.)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

F. BENEFICIAL USE APPLICATIONS ONLY:

Proposed use(s) for the waste tires?		
Maximum number of tires you expect to need for your beneficial use:		tires
If a renewal, has this amount changed since your last application or renewal?	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Were there waste tires stored on the site prior to the proposed beneficial use?	Yes <input type="checkbox"/> No <input type="checkbox"/>	
If so, how many waste tires were acquired?	2,000	tires
From whom: Various		
If the beneficial use is already in existence, when was the beneficial use constructed?		
Are you or were you paid to take the waste tires?	Yes <input type="checkbox"/> No <input type="checkbox"/>	
How much per tire? average \$2.5 P		
truck	car	other

G. FEE SCHEDULE

Waste tire storage/combo permit renewal fee \$125	\$125
Waste tire storage/combo annual compliance fee \$250	\$250
Waste tire combo annual fee for each vehicle \$25	\$375
Total fee waste tire storage combo permit renewal	\$750
Beneficial use permit renewal fee \$50	
Beneficial use permit annual compliance fee \$50	
Beneficial use permit total fee \$100	
Total	

SIGNATURE: I hereby certify by my signature below that the information contained in this application and the documents I have attached, are true and correct to the best of my knowledge and belief. I will abide by the waste tire laws and DEQ's Waste Tire regulations, Oregon Administrative Rules 340-64-0010-0080. By my signature, I grant permission to DEQ and its authorized representatives to enter my property or business location.

Signature:	Date: 12/31/2019
Print name: Kosta Golemis	Title: Sr Accountant

ATTACH TO THIS PERMIT APPLICATION

To complete your application attach the following if required for your application: (Note: New applications need Items 1-5; renewals need Item 5. If you have questions regarding requirements, please check with the regional permit coordinator).

- ☐ 1. A completed LAND USE COMPATIBILITY STATEMENT.
- ☐ 2. A WRITTEN RECOMMENDATION from the local government unit having jurisdiction of solid waste in my area.
- ☐ 3. A CERTIFICATE OF BUSINESS REGISTRY of this business with the State of Oregon.
- ☐ 4. A LIST OF DEQ PERMITS issued or applied for under the business name listed above
☐ Check here if no other permits have been applied for or issued.
- ☒ 5. A list of property owner's addresses within a quarter mile radius of solid waste facility property boundary in Excel or similar format. (For facilities located in Eastern Region, attach adjacent land owner's addresses only).
- ☐ 6. Additional materials, as listed on the instruction sheet specific to the type of facility for which you are applying. (Refer to <http://www.oregon.gov/deq/mm/swpermits/Pages/default.aspx> or contact your region's DEQ solid waste permit coordinator if you have questions).

FEES – MUST ACCOMPANY THIS APPLICATION

Make checks payable to: **Oregon Department of Environmental Quality or Oregon DEQ.**

Please mail the original application and one copy of the completed packet to the appropriate regional office. Note that action will not begin on an application until a complete application packet is received. Incomplete applications may be returned. DEQ recommends retaining a copy of all application materials to guard against loss in transit.

If your facility/project is in this county...	...then send to this DEQ office
Baker, Crook, Deschutes, Gilliam, Grant, Harney, Hood River, Jefferson, Klamath, Lake, Malheur, Morrow, Sherman, Umatilla (including Milton- Freewater), Union, Wallowa, Wasco, Wheeler	<p>Eastern Region Materials Management Program 400 E Scenic Drive, Ste. 307 The Dalles, OR 97058</p> <p>Phone: 541-298-7255 ext. 221</p>
Clackamas, Clatsop, Columbia, Multnomah, Tillamook, Washington	<p>Northwest Region Environmental Solutions Division Environmental Partnerships 700 NE Multnomah St., Ste. 600 Portland, OR 97201</p> <p>Phone: 503-229-5353 Email: DEQNWR.SolidWastePermitCoordinator@deq.state.or.us</p>
Benton, Coos, Curry, Douglas, Jackson, Josephine, Lane, Lincoln, Linn, Marion, Polk, Yamhill	<p>Western Region Materials Management Program 165 E Seventh Ave., Ste. 100 Eugene, OR 97401</p> <p>Phone: 541-687-7465</p>

<p>Waste tire administrative rules can be found at http://arcweb.sos.state.or.us/pages/rules/oars_300/oar_340/340_064.html Oregon Revised Statutes, Chapter 459 (relating to solid waste management) can be found at https://www.oregonlegislature.gov/bills_laws/ors/ors459.html</p>

INSTRUCTIONS FOR COMPLETING APPLICATION FORM

A. PERMIT REQUIRED

B. TYPE OF PERMIT REQUESTED

C. REFERENCE INFORMATION:

Please fill out the application completely. Answer all questions or enter "N/A" for not applicable or "none." Enter the applicant's official or legal name. This is the name that appears on the certification form you must submit with this application. Do not use a colloquial name. If the business is a partnership, list each partner in Section B.

D. FULL NAME OF INDIVIDUAL, PARTNERS OR CORPORATE OFFICERS: -- Self explanatory

E. FACILITY INFORMATION

F. BENEFICIAL USE APPLICATION

G. ATTACHMENTS – The following attachments and documents must be submitted with your completed application (please keep a copy of all documents for your file):

- ☐ Attachment 1 – Financial Assurance (describes your business's bond or other form of insurance)
- ☐ Attachment 2 – Land Use Compatibility Statement (form must be completed by the local government having jurisdiction over your site to confirm that your site complies with local zoning and other land use requirements). If a conditional use permit is required by your local government to store tires on your site, you must **obtain and attach a copy of your conditional use permit.**
- ☐ Attachment 3 – Descriptive Maps
- ☐ Attachment 4 – Management Plan (describes your reason for storing the tires and/or tire derived product and how you propose to manage them and operate the site)
- ☐ Attachment 5 – Contingency Plan (describes how you will control fire danger and damage at the site and handle other possible emergencies)
- ☐ Long-Term Control of Site. If the applicant is not the property owner or the owner's authorized representative, he or she must submit proof of long-term control over the site. Acceptable proof includes a written lease agreement.
- ☐ Business name certification from Oregon Corporation Division (If you need to get a business name registered, online forms are available at <http://www.filinginoregon.com/forms/>).
- ☐ Payment of required fees (see fee schedule in **Section D** of application form). Make checks payable to **Oregon Department of Environmental Quality or Oregon DEQ.**

E. & F. SIGNATURES:

Don't forget to sign and date your application. **Both permit applicant and property owner must sign.**

Definition: Legally Authorized Representative

- Corporation: A principal executive officer of at least the level of vice president;
- Partnership or Sole Proprietorship: A general partner or the proprietor (owner), respectively
- Municipality, State, Federal, or other Public Facility: Either a principal executive officer or ranking elected official.

SUBMIT FORMS: Please keep a copy of all documents for your file. Incomplete applications will be returned. Send **two** copies of the completed application and any additional sheets or attachments to the appropriate regional office.

Detailed information about permit submission can found on the DEQ Web Page under Solid Waste Landfill Guidance Document at <http://www.deq.state.or.us/lq/sw/disposal/>

Solid Waste Administration Rules can be found at http://arcweb.sos.state.or.us/pages/rules/oars_300/oar_340/340_064.html and Oregon Revised Statutes, Chapter 459 (relating to solid waste management) can be found at https://www.oregonlegislature.gov/bills_laws/ors/ors459.html

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