Waste Tire Processing Facility
Permit Application

For:

Advanced Tire Recycling, LLC

8396 SW County Road
Trenton, FL 32693

Prepared By:

Encon Consulting, LLC
9298 Castlebar Glen Dr.
Jacksonville, FL 32256

01/24/2020

Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form #: 62-701.900(20), F.A.C.
Form Title: Waste Tire Site Notification
Effective Date : January 6, 2010
Incorporated in Rule 62-711.500(1), F.A.C.

WASTE TIRE SITE NOTIFICATION

Pursuant to Rule 62-711.500, Florida Administrative Code, the owner or operator of any waste tire site shall submit the following information on this form to the Department.

1. Site name Advanced Tire Recycling, Inc

2. Site location

Street address (main entrance) 8369 SW Co Rd 313

City Trenton County Gilchrist Zip 32693

Section 14 Township 10S Range 14E

Latitude 29.615219, Longitude -82.882567

3. Name of site operator Advanced Tire Recycling, Inc

4. Mailing address of site operator 8369 SW Co Rd 313

City Trenton State Gilchrist Zip 32693

5. Telephone number of site operator (352)463-8482

6. Name of property owner (if different) Bischoff Land Holding, LLC

7. Mailing address of property owner PO Box 197

City Trenton State FL Zip 32693-0197

8. Telephone number of property owner (352-)463-8482

9. Size of the site property (dimensions) 653,400 sq.ft. (15.000 acres)

10. Dimensions of the waste tire pile Length (ft) 40 Width (ft) 20 Height (ft) 8

11. Number of waste tires accumulated at the site (assume that there are 100 tires per ton, or 10 tires per cubic yard); Number of tires 125,000

12. Certification: To the best of my knowledge and belief I certify the information provided in this notification is true, accurate, and complete.

Paul W. Porter, P.E.		01/24/20
Name of Authorized Agent	Signature of Authorized Agent	Date

Mail completed form to the appropriate District office listed below

Northwest District	Northeast District	Central District	Southwest District	South District	Southeast District
160 Government Center	7825 Baymeadows Way, Ste. 200 B	3319 Maguire Blvd., Ste. 232	13051 N. Telecom Pky.	2295 Victoria Ave., Ste. 364	400 North Congress Ave.
Pensacola, FL 32501-5794	Jacksonville, FL 32256-7590	Orlando, FL 32803-3767	Temple Terrace, FL	Fort Myers, FL 33902-2549	West Palm Beach, FL 33401
850-595-8360	904-807-3300	407-894-7555	813-632-7600	239-332-6975	561-681-6600

Waste Tire Processing Facility

Permit Application

For

Advanced Tire Recycling, Inc.

Part III – Attachments

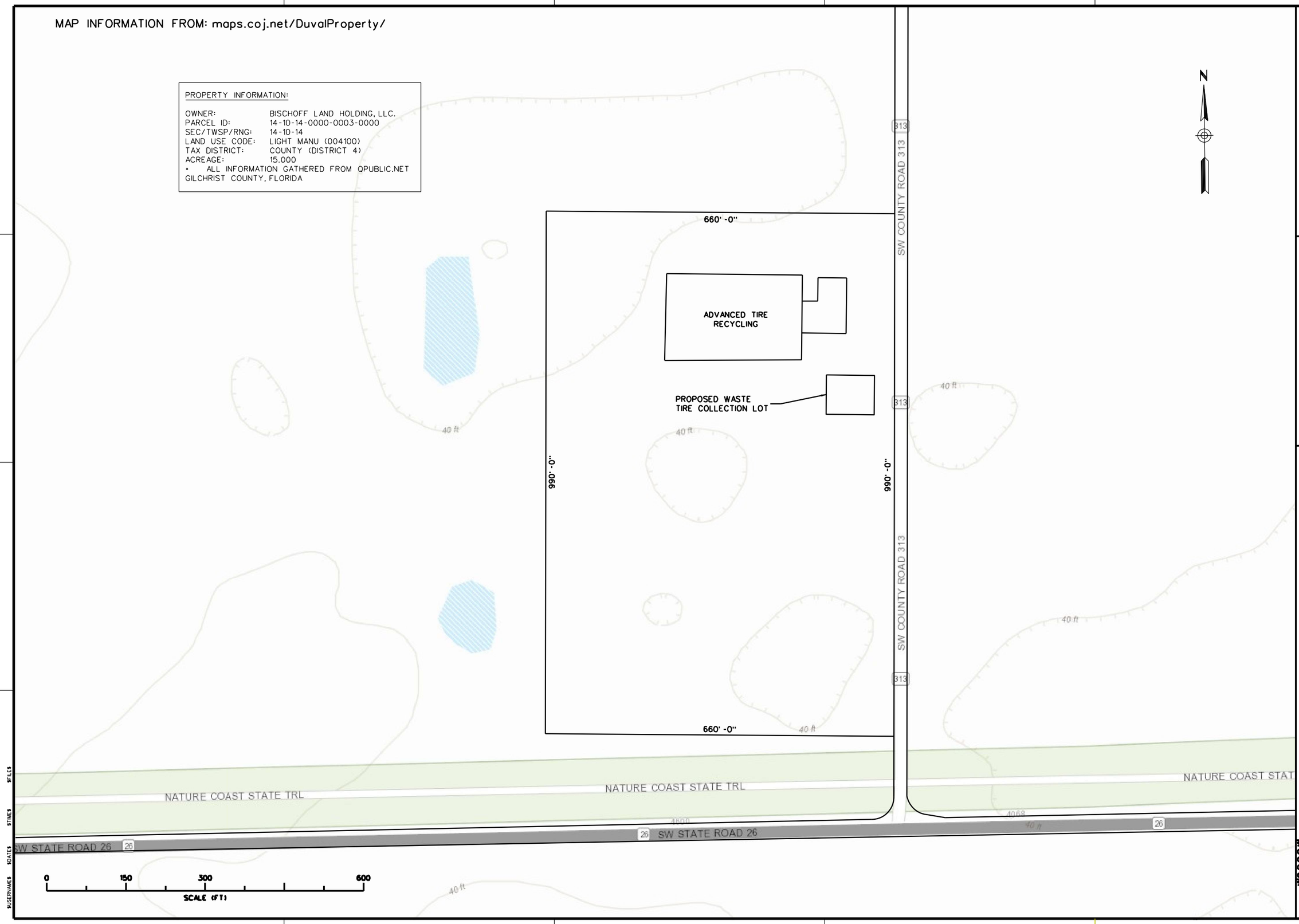
Subsection A - Facility Design

MAP INFORMATION FROM: maps.coj.net/DuvalProperty/

PROPERTY INFORMATION:

OWNER:	BISCHOFF LAND HOLDING, LLC.
PARCEL ID:	14-10-14-0000-0003-0000
SEC/TWSP/RNG:	14-10-14
LAND USE CODE:	LIGHT MANU (004100)
TAX DISTRICT:	COUNTY (DISTRICT 4)
ACREAGE:	15.000

* ALL INFORMATION GATHERED FROM QPUBLIC.NET
GILCHRIST COUNTY, FLORIDA



ADVANCED TIRE RECYCLING, INC.
8369 SW COUNTY ROAD 313
TRENTON, FL. 32693
(352) 463-8482

PRODUCED BY:
ENCON CONSULTING, LLC
1342 CONVILLE CIRCLE
JACKSONVILLE, FL. 32246
904.768.2688
Certificate of Authorization No. 30775
Engineer of Record: Paul W. Porter
Florida Registration Number: 68538

ENCON

8396 SW COUNTY ROAD 313
TRENTON, FL 32693
TOPOGRAPHIC MAP - PROPERTY

SCALE:	AS SHOWN
DATE:	12/11/19
DESIGN:	PWP
DRAWN:	PWP
CHECKED:	-
SHEET	

$FILE$
$TIME$
$DATE$
$USERNAME$

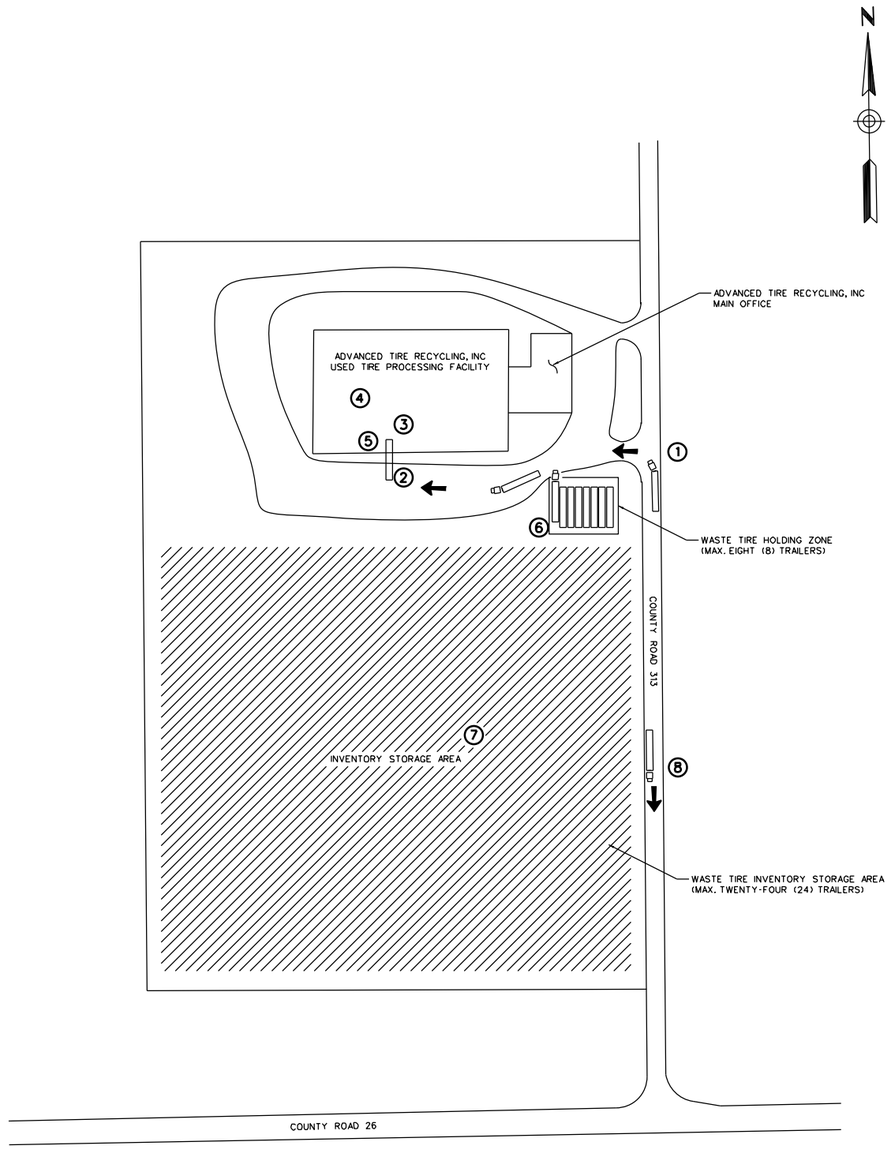
ADVANCED TIRE RECYCLING, INC.
8369 SW COUNTY ROAD 313
TRENTON, FL. 32693
(352) 463-8482

PRODUCED BY:
ENCON CONSULTING, LLC
3762 CORNELIA RD.
JACKSONVILLE, FL. 32246
Certificate of Authorization No. 28775
Engineer of Record Paul G. Parker
Florida Registration Number 65868

ENCON

8396 SW COUNTY ROAD 313 TRENTON, FL 32693 LAND USE MAP

SCALE: AS SHOWN
DATE: 12/11/19
DESIGN: PWP
DRAWN: PWP
CHECKED: -
SHEET
1



PROPOSED PROCESS DESCRIPTION:

① COVERED 8'Wx53'Lx9'-6"H TRAILERS ARE DELIVERED TO CUSTOMER TO BE FILLED WITH A MAXIMUM OF 1,200 USED TIRES PER TRAILER. ONCE FILLED, COVERED TRAILERS ARE RETURNED TO THE FACILITY FOR PROCESSING. FULL TRAILERS QUEUE TO BE UNLOADED IN THE COVERED TIRE UNLOADING ZONE.

② USED TIRES ARE UNLOADED IN A COVERED TIRE UNLOADING ZONE, EXCLUSIVELY. USED TIRES ARE MOVED INTO THE FACILITY BUILDING.

③ USED TIRES ARE INSPECTED AND SORTED BY TRAINED PERSONNEL TO DETERMINE WHETHER OR NOT USED TIRES CAN BE REFURBISHED AND RESOLD.

④ INCOMING WASTE TIRES THAT ARE DETERMINED TO BE UNUSABLE ARE SORTED INTO A WASTE TIRE DISPOSAL PILE INSIDE THE FACILITY.

⑤ ONCE ENOUGH UNUSABLE WASTE TIRES TO FILL AN EMPTY TRAILER IS ACHEIVED (1,200 WASTE TIRES PER TRAILER), WASTE TIRES ARE LOADED INTO AN EMPTY ENCLOSED 8'Wx53'Lx9'-6"H TRAILER. ALTERNATIVELY, ONCE USABLE WASTE TIRES HAVE BEEN REFURBISHED AND SORTED BY SIZE, THESE ARE ALSO PLACED INTO EMPTY ENCLOSED 8'Wx53'Lx9'-6"H TRAILERS.

⑥ THE LOADED TRAILER IS THEN MOVED TO THE "WASTE TIRE HOLDING ZONE". A MAXIMUM NUMBER OF EIGHT (8) TRAILERS OF WASTE TIRES SHALL BE HELD IN THIS AREA. THE APPLICANT WILL HALT ANY FURTHER DELIVERIES OF USED TIRES UNTIL AT LEAST ONE (1) FULL WASTE TIRE TRAILER HAS BEEN REMOVED FROM THE "WASTE TIRE HOLDING AREA".

⑦ ALTERNATIVELY, TIRES THAT ARE DEEMED SATISFACTORY FOR RESALE ARE CLEANED, REFURBISHED, AND PLACED IN 53' TRAILERS. THESE TRAILERS ARE THEN NEATLY PARKED IN THE "INVENTORY STORAGE AREA" AWAITING RESALE/ TRANSPORT. A MAXIMUM TWENTY-FOUR (24) TRAILERS AT ANY TIME.

⑧ FULL WASTE TIRE TRAILERS ARE REMOVED FROM THE SITE TO BE DELIVERED TO EITHER LIBERTY TIRE RECYCLING/ARGOS ROCK PLANT FOR PROCESSING/CONSUMPTION OR SENT TO RETAILERS FOR RESALE.

0 200 400 800
SCALE (FT)

$USERNAME$ $DATE$ $TIME$ $FILE$

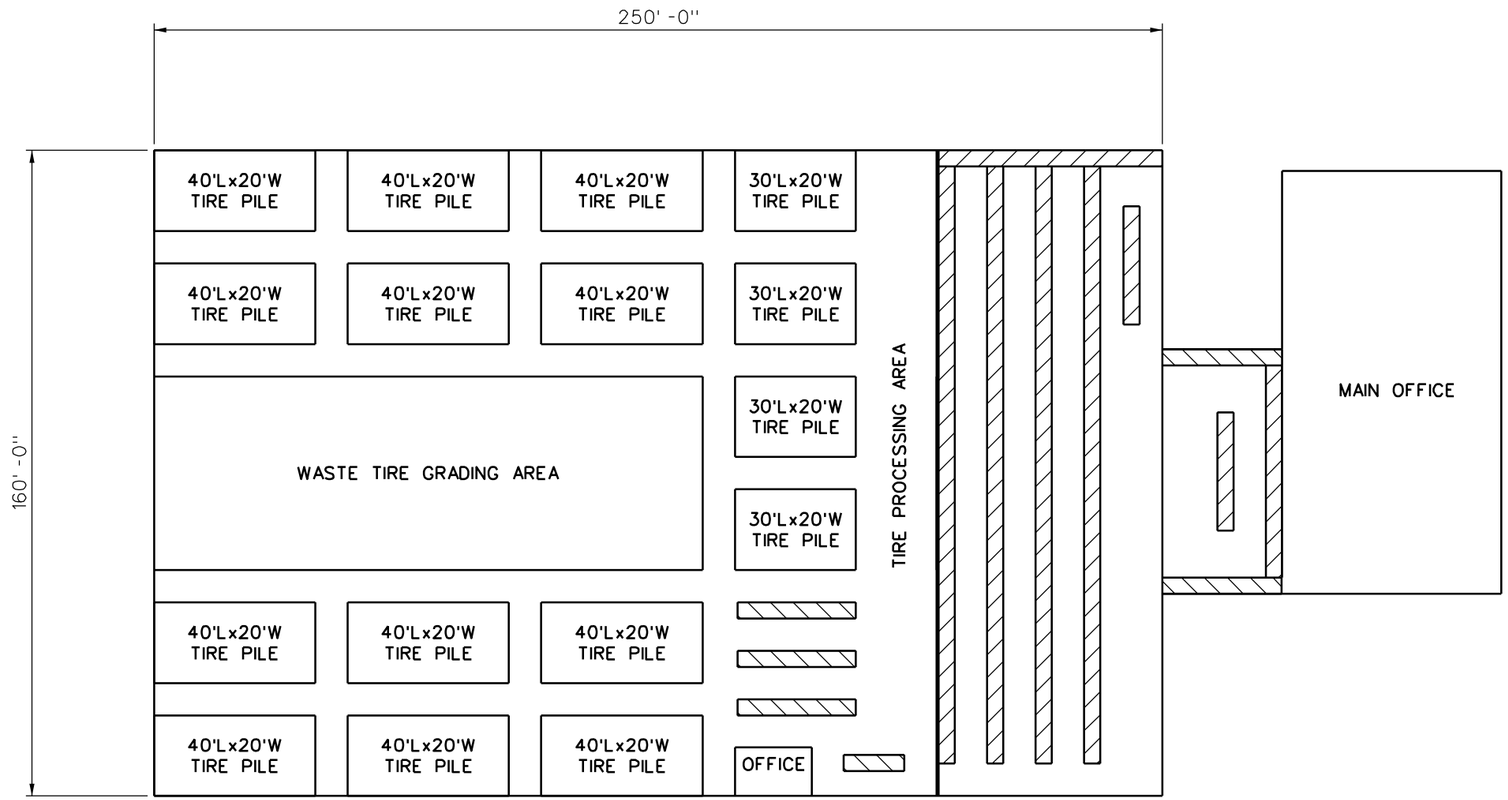
ADVANCED TIRE RECYCLING, INC.
8369 SW COUNTY ROAD 313
TRENTON, FL. 32693
(352) 463-8482

PRODUCED BY:
ENCON CONSULTING, LLC
1425 CORPORATE DR. W.
LAKELAND, FL. 33805
Certificate of Authorization No. 30775
Engineer of Record: Paul W. Porter
Florida Registration Number: 68538

ENCON

8396 SW COUNTY ROAD 313
TRENTON, FL 32693
WASTE TIRE PROCESSING FACILITY DESIGN

SCALE: AS SHOWN
DATE: 01/24/20
DESIGN: PWP
DRAWN: PWP
CHECKED: -
SHEET
-/-



NOTE: PATHS BETWEEN TIRE PILES SHALL BE 8' WIDE MINIMUM (TYP.)

PLAN - WAREHOUSE FACILITY TIRE STORAGE LAYOUT

- DENOTES 4' WIDE TIRE RACK

0 50 100 200

SCALE (FT)

ADVANCED TIRE RECYCLING, INC.
8369 SW COUNTY ROAD 313
TRENTON, FL. 32693
(352) 463-8482

PRODUCED BY:
ENCON CONSULTING, LLC
1342 SOMERVILLE RD.
JACKSONVILLE, FL. 32246
Certificate of Authorization No. 30775
Engineer of Record: Paul W. Porter
Florida Registration Number: 68358

ENCON

8396 SW COUNTY ROAD 313
TRENTON, FL 32693
WASTE TIRE PROCESSING FACILITY LAYOUT

SCALE: AS SHOWN
DATE: 01/07/20
DESIGN: PWP
DRAWN: PWP
CHECKED: -
SHEET
1

$USERNAME$ $DATE$ $TIME$ $FILE$

Waste Tire Processing Facility

Permit Application

For

Advanced Tire Recycling, Inc.

Part III – Attachments

Subsection B - Facility Operation

Part III (B) - Facility Operation:

(1) Description of the Operation:

Introduction - Purpose of Process:

Advanced Tire Recycling receives revenue in two ways:

1. By collecting waste tires for a fee from waste tire producers in the region.

2. By picking out salvageable tires from the bulk waste tires received and refurbishing and repairing the tires for resale as used tires and selling these tires either at retail at the facility or in wholesale to used tire sellers.

Below is a detailed description of Advanced Tire Recycling's tire process.

Phase I – Receipt of Waste Tires:

Advanced Tire Recycling uses 53 ft tractor trailers and pups to pick up waste tire from waste tire producers in the region in which they operate. The trailers are enclosed and are loaded at the pickup site, usually by the customer. Once full, the trailers are moved to Advanced Tire Recycling's facility in Trenton, FL. The waste tires are unloaded into an unloading area inside the covered facility. The empty trailers are stored on site. The empty trailers are then loaded with junk waste tires to be disposed or with refurbished tires to await wholesale (described below).

Phase II – Sorting of Waste Tires:

Once the waste tires are emptied from the trailers and pups to a waste tire pile inside the facility, the waste tires are then inspected and sorted into salvageable tires and junk tires. The salvageable tires are further sorted by size and utility and placed in specific piles inside the facility for later repair and refurbishment. The junk tires are immediately replaced into an empty trailer or pup. The junk tire trailers are then placed in a designated junk tire area on facility property for prompt disposal. A maximum of eight (8) full, junk tire trailers are on the facility property at any one time. Advanced Tire Recycling will not receive more waste tire trailers until the number of junk tire trailers on property is less than eight.

Phase III – Salvageable Tire Management:

Once the junk tires are removed and salvageable tires are sorted by size, the salvaged tires are then repaired and refurbished as required to make the tires sale worthy. Once the salvageable tires are fully repaired, they are placed in racks inside the facility for retail sale. These racks are sorted by size and utility. Once the number of salvaged tires exceeds the interior storage capacity of the facility, excess salvaged tires are stacked neatly into 53 ft trailers and stored on the facility property for wholesale.

Phase IV – Junk Tire Disposal:

Once the full junk tire trailers are placed in the junk tire trailer holding area, they await a tractor to pick up the trailers and deliver the junk waste tires to one of two locations:

1. Liberty Tire Recycling, where the waste junk tires are shredded and disposed of in a licensed landfill in Jackson, Georgia.
2. Argos Cement Plant, in Newberry, Florida where they will be consumed in power generation for the Argos facility.

Explanation of Seasonal Tire Inventory:

Beginning of the Season:

Whereas the production of waste tires is fairly constant throughout the year, the repair and sale of wholesale salvaged tires is seasonal. As Advanced Tire Recycling receives, sorts, and repairs tires at the beginning of the year, the quantity of tires inside the facility far outnumbers the amount in storage outside in trailers and pups, if there are any full trailers at all in storage on site.

Midseason:

As the year progresses and tires are sorted and repaired, the refurbished tires are placed in retail inventory. As the retail inventory capacity is reached, excess refurbished tires are stacked neatly in trailers on site. However, at this time, wholesale customers of these tires are not generally purchasing tires at this time as they are selling off their current inventory. Generally, a constant number of tires is being processed, repaired, and sold or inventoried throughout the midseason.

End of the Season:

Toward the end of the business year, the number of waste tires received by Advanced Tire Recycling is significantly reduced. By this time the number of tires in retail stock and in trailer storage far outnumbers the number of waste tires in piles awaiting to be processed. In fact, at this time the facility is almost empty whereas the 53 ft trailers on property are numerous. By the end of the season, the wholesale purchasers of salvaged tires have expended their inventory and are purchasing tires wholesale to restock, emptying the full trailers from the facility property.

(2) Description of the Equipment:

No processing equipment is used on the Waste Tires once they are sorted from the bulk incoming tires.

(3) Description of the Waste from the Process:

The waste tires are taken whole from Advanced Tire Recycling.

(4) Maximum Daily Throughput and Planned Annual Throughput:

Estimated Maximum Daily Throughput is 50.0 tons of whole tire waste per 8-hour work day. The **Estimated Planned Annual Throughput initially is 2,500 tons** of whole tire waste per year.

(5) Description of Compliance with FLDEP Rule 62-711.530 "Waste Tire Processing Facility Requirements":

62-711.530:

(1) All waste tires shall be stored in accordance with the waste tire site requirements in Rule 62-711.500, F.A.C.

Advanced Tire Recycling will store waste tires in accordance with waste tire site requirements in Rule 62-711.500, F.A.C.

(2) A waste tire processing facility shall not accept any waste tires for processing if it has reached its permitted storage limit for any category of waste tires, or if the number of waste tires on the site exceeds the quantity estimate in the closing cost estimate. The maximum storage limits that will be set in a waste tire processing facility permit are:

Maximum storage capacity at the Advanced Tire Recycling facility shall be no more than 125,000 raw waste tires (1,250 tons). A passenger tire equivalent weight in these documents is assumed to be 20 lbs/tire.

(a) For the aggregate of whole waste tires, processed waste tires, and residuals, 60 times the daily through-put of the processing equipment being used; however, whole waste tires shall not exceed 30 times the daily through-put of the processing equipment being used; and,

Advanced Tire Recycling's Maximum Daily Throughput of whole waste tires is 5,000 PTE per day (833 PTE/hr x 6 hr/day uptime). The whole waste tire storage capacity (125,000 PTE) is less than the 30 times daily throughput figure (150,000 PTE).

(b) For used tires, 10,000 used tires stored separately from other waste tires.

Advanced Tire Recycling recieves one (1) trailer load (1,200 PTE) of used tires at a time. Used tires from a trailer are sorted into Used Tires For Resale and Waste Tires. Waste tires are loaded into empty trailers and the trailers are placed in the waste tire holding area apart from the wholesale tire inventory.

After grading and processing, Advanced Tire Recycling stores Used Tires For Resale in 53' trailers onsite for future sale. Waste Tires are stored in a designated waste tire holding area for removal from the site. Each trailer contains approximately 1,200 PTE, much less than the 10,000 PTE limit.

Inside the warehouse, during grading and processing, tires are kept in piles approximately 40'Lx20'Wx8'H. It has been calculated that laced tires take up approximately 1.11 cu.ft/tire. A 40'Lx20'Wx8'H tire pile contains approximately 5,760 tires, much less than the 10,000 tire limit.

(3) At least 75 percent of the whole tires, used tires, and processed tires that are delivered to or are contained on the site of the waste tire processing facility at the beginning of each calendar year shall be processed and removed for disposal or recycling from the facility during the year, or

disposed of on the site at a permitted solid waste management facility. Processed tires stored for recycling or disposal shall meet the minimum size requirements specified in paragraph 62-711.400(3)(b), F.A.C., unless a demonstration is made as part of a permit application or modification that storage of a larger size will not adversely affect the environment or the public health or welfare, and that storage of a larger size is necessary for purposes of recycling or transportation. Initial cover shall not be required for stored, processed tires that are not in excess of the storage limit of the facility.

Advance Tire Recycling will comply.

(4) The owner or operator of a waste tire processing facility shall record and maintain for three years the following information regarding their activities, which records shall be available for inspection by Department personnel during normal business hours:

(a) For all waste tires shipped from the facility, the name and waste tire collector registration number of the waste tire collector who accepted the waste tires for transport, and the quantity of waste tires shipped with that collector; and if the waste tires were shipped with a person who is not a waste tire collector, the number of tires shipped, the person's name, address and telephone number; and the place where the waste tires were deposited;

(b) For all waste tires received at the facility, the name and waste tire collector registration number of the collector who delivered the waste tires to the facility, and the quantity of waste tires received from that collector; and if more than five waste tires were delivered by a person who is not a waste tire collector, the number of tires delivered and the person's name, address and telephone number; and,

(c) For all waste tires removed for recapping, the quantity and type removed, and the name and location of the recapping facility receiving the tires.

Advanced Tire Recycling will maintain these records for a period of not less than 3 years to provide upon inpection.

(5) Owners and operators of waste tire processing facilities shall submit quarterly reports to the Department that summarize the information collected under subsection (4), above. These reports shall be submitted by the 20th of the month following the close of each calendar quarter. The report shall be submitted to the Department on Form 62-701.900(21). In addition to the information required in subsection (4), above, the following information shall be included:

(a) The facility name, address and permit number;

(b) The quarter covered by the report;

(c) The total quantity, by category, of waste tires received at the facility during the quarter covered by the report;

(d) The total quantity, by category, of waste tires shipped from the facility during the quarter covered by the report;

(e) The total quantity of waste tires processed during the quarter;

(f) The total quantity, by category, of waste tires located at the facility on the last day of the

quarter; and,

(g) A list of all dates on which one or more category of waste tires exceeded the storage limit, which category was in excess, and how this condition was relieved or will be relieved.

Advanced Tire Recycling will report this information quarterly by the 20th of the month following the close of each calendar quarter. Advanced Tire Recycling will submit the report to the Department on Form 62-701.900(21).

(6) Applications for processing facility permits shall be submitted to the Department on Form 62-701.900(23).

Advanced Tire Recycling will submit permit applications to the Department in accordance with Form 62-701.900(23).

(7) Processing facilities that will process less than 1,500 tires during any 30 days and store less than 1,500 waste tires on any day may be permitted as "Small processing facilities." The owner or operator of such a facility shall submit a permit application to the Department on Form 62-701.900(24). The application fee for a "Small processing facility" is $500.00. A small processing facility is subject to the same requirements as a waste tire processing facility, but is exempt from the specific requirements of subsections 62-711.530(1), (2) and (6), and paragraph 62-711.540(3)(e), F.A.C.

Advanced Tire Recycling will not be considered a "Small Processing Facility".

(5, con't.) Description of Compliance with FLDEP Rule 62-711.540 "Storage Requirements":

62-711.540:

(1) All waste tire sites, collection centers, processing facilities, and disposal facilities which store waste tires shall comply with the following technical and operational standards:

(a) If the site receives waste tires from the public, a sign shall be posted at the entrance of the site stating operating hours, cost of disposal and site rules.

Advanced Tire Recycling will post its operating hours on the office door and currently posts disposal costs for a la carte tire disposal.

(b) No operations involving the use of open flames shall be conducted within 25 feet of a waste tire pile.

Advanced Tire Recycling will not performing any "hot work" in this facility.

(c) An attendant shall be present when the site is open for business if the site receives waste tires from the public.

Advanced Tire Recycling will comply.

(d) Fire protection services for the site shall be assured through notification to local fire protection authorities. A fire safety survey shall be conducted at least annually and the survey report shall be made part of the next quarterly report.

Advanced Tire Recycling will comply with this requirement. A fire safety survey shall be conducted at least annually and the survey report shall be made part of the next quarterly report.

(e) The operator of the site shall prepare and keep at the site an emergency preparedness manual. A copy of the current manual shall be kept at an off-site location designated by the operator. The manual shall be updated at least once a year and upon changes in operations at the site. The manual shall contain the following elements:

1. A list of names and numbers of persons to be contacted in the event of a fire, flood, or other emergency,

2. A list of the emergency response equipment at the site, its location, and how it should be used in the event of a fire or other emergency; and,

3. A description of the procedures that should be followed in the event of a fire, including procedures to contain and dispose of the oily material generated by the combustion of large numbers of waste tires.

Advanced Tire Recycling's Emergency Preparendness Manual is included as an addendum to this document.

(f) The operator of the site shall immediately notify the Department in the event of a fire or other emergency which poses an unanticipated threat to the public health or the environment. Within two weeks of any emergency, the operator of the site shall submit to the Department a written report on the emergency. This report shall describe the origins of the emergency, the actions that were taken to deal with the emergency, the results of the actions that were taken, and an analysis of the success or failure of the actions.

Advanced Tire Recycling shall notify the Department in accordance with the approved Contingency Plan. Notification shall be made to the Compliance Assurance Program of the Department's Northeast District at 904.256.1700.

(g) The operator of the site shall maintain records of the quantity of waste tires received at the site, stored at the site, and shipped from the site.

An Example of Advanced Tire Recycling's Daily/Monthly Tire Throughput Log is included as an addendum to this document.

(h) If the operator of the site is not the owner of the property, the operator shall obtain written authorization to operate the facility from the owner of the property.

Written Authorization by Bischoff Land Holding, LLC permitting the Land Use of the Property at 8396 SW County Road 313, Trenton, Florida 32693 is included as an addendum to this document.

(i) Communication equipment shall be maintained at the waste tire site to assure that the site operator can contact local fire protection authorities in case of a fire.

A telephone is available in the facility to notify emergency personnel in case of emergency.

(j) The owner or operator shall provide for control of mosquitoes and rodents so as to protect the public health and welfare.

Advanced Tire Recycling encloses and protect all waste tires, before and after processing, to ensure that no habitat hospitable to mosquitos shall arise.

(k) An approach and access road to the waste tire site shall be kept passable for any motor vehicle at all times.

Advanced Tire Recycling is located at 8396 SW County Road 313, Trenton, Florida 32693.

(2) All waste tire sites, collection centers, processing facilities, and disposal facilities which store waste tires indoors must comply with the following additional technical and operational standards:

(a) Tire piles may not be more than 50 feet in width, except that piles along a wall shall not be more than 25 feet in width.

The waste tires will be neatly contained within enclosed 53'L commercial truck trailers outside of the processing facility and in 40'Lx20'Wx8'H piles inside the facility building.

(b) The width of main aisles between tire piles shall be not less than eight feet.

The waste tires will be neatly contained within enclosed 53'L commercial truck trailers outside of the processing facility. Tire piles indoors shall meet this requirement.

(c) The clearance from the top of storage to sprinkler deflectors or roof structures shall not be less than three feet.

The waste tires will be neatly contained within enclosed 53'L commercial truck trailers outside of the processing facility. Tire piles indoors shall meet this requirement.

(d) The clearance in any direction from unit heaters, radiant space heaters, duct furnaces, and flues shall not be less than three feet.

No unit heaters, radiant space heaters, duct furnaces, or flues will be located within 3' of tires throughout the sorting and storing process.

(e) When waste tires are stored up to 15 feet high, walls between adjacent warehouse areas and between manufacturing and warehouse areas shall have not less than a four-hour fire rating.

Waste tires will not be stored over 8' high.

(f) When waste tires are stored over 15 feet high, walls between manufacturing and warehouse areas shall have a fire rating of not less than six hours and steel columns shall have one hour fireproofing. If the top of storage exceeds 20 feet in height, two-hour fireproofing shall be provided for the column and its connections with other structural members.

Not Applicable as tires will not be stored over 8' high.

(g) An automatic sprinkler system installed in compliance with "The Standard for Storage of Rubber Tires," NFPA 231D, published by the National Fire Protection Association, Battery March

Park, Quincy, Massachusetts, incorporated herein by reference, may be substituted for fire walls and column fireproofing.

Advanced Tire Recycling will comply with this requirement.

(h) At any time when an attendant is not present, access to the site shall be controlled through the use of doors, fences, gates, natural barriers, or other means.

The facility is surrounded by barbed wire fencing and access to the facility is protected by swing gates.

(3) All waste tire sites, collection centers and any processing or disposal facilities which store waste tires outdoors must comply with the following additional technical and operational standards:

(a) A waste tire site shall not be constructed, maintained or operated in or within 200 feet of any natural or artificial body of water, including wetlands within the jurisdiction of the Department, except bodies of water contained completely within the property boundaries of the facility which do not ordinarily discharge from the site to surface waters. A person may maintain a waste tire site within the 200-foot setback area upon demonstration to the Department, as part of a permit application or modification, that permanent control methods for residuals will result in compliance with water quality standards in chapters 62-302 and 62-520, F.A.C. Stormwater control methods shall meet stormwater requirements of chapters 62-25 and 62-330, F.A.C., as applicable. The site shall be managed in such a way as to divert stormwater or floodwaters around and away from the storage piles. This section shall not apply to artificial reefs constructed pursuant to Department permit.

No exposed waste tire piles will be present at this facility.

(b) An outdoor waste tire pile shall have no greater than the following maximum dimensions:

1. Width: 50 feet,

2. Area: 10,000 square feet; and,

3. Height: 15 feet.

No exposed waste tire piles will be present at this facility.

(c) A 50-foot wide fire lane shall be placed around the perimeter of each outdoor waste tire pile. Access to the fire lane for emergency vehicles must be unobstructed at all times.

No exposed waste tire piles will be present at this facility.

(d) Access to the site shall be controlled through the use of fences, gates, natural barriers or other means.

The facility is surrounded by barbed wire fencing and access to the facility is protected by swing gates.

(e) The site shall be bermed or given other adequate protection if necessary to keep liquid runoff from a potential waste tire fire from entering water bodies.

No exposed waste tire piles will be present at this facility. There will be no water runoff that has been in contact with waste tires.

(f) The waste tire site shall be kept free of grass, underbrush, and other potentially flammable vegetation at all times.

No exposed waste tire piles will be present at this facility.

(4) For all waste tire sites, collection centers, processing facilities, and disposal facilities which store processed waste tires, the temperature of any above-ground piles of compacted, processed tires over ten feet high shall be monitored and may not exceed 300 degrees Fahrenheit. Temperature control measures shall be instituted so that pile temperatures do not exceed 300 degrees Fahrenheit. Temperature monitoring and controls are not required for processed tires disposed of in permitted landfills.

No exposed waste tire piles will be present at this facility.

(5) Any residuals from waste tire processing must be managed so as to be contained onsite, and must be controlled and disposed of in a permitted solid waste management facility or properly recycled.

Whole waste tires are the only output of the sorting process. No residuals such as shreds or dust will require management.

(6) The Department shall approve exceptions requested by an applicant as part of a waste tire processing facility permit application or modification to the preceding technical and operational standards if:

(a) No waste tires are stored on that site for more than one month; and,

(b) The Department, after consultation with the local fire authority, is satisfied that the site owner or operator has sufficient fire suppression equipment or materials on site to extinguish any potential waste tire fire within an acceptable length of time.

Advanced Tire Recycling is not currently requesting any exceptions.

(6) Emergency Preparedness Manual

The Emergency Preparedness Manual is included as an addendum to this document.

(7) Fire Safety Survey

The Fire Safety Survey is included as an addendum to this document.

(8) Description of Removal of 75% of Annual Waste Tire Accumulation:

Advanced Tire Recycling, Inc will properly dispose of 100% of the waste tire shreds produced at this facility at Liberty Tire Recycling or Argos Rock Plant.

EMERGENCY PREPAREDNESS MANUAL

for

Advanced Tire Recycling, Inc.
8369 SW CR 313
Trenton, FL 32693

Phone 352-463-8448
Fax 352-463-8482

A copy of this manual is to be kept on file in the office at 8369 SW CR 313, Trenton, FL. A second copy was provided to the Trenton Fire Department office at

I. PERSONS TO NOTIFY IN EVENT OF FIRE OR OTHER EMERGENCY

Trenton Fire Department	911 or (352) 463-4012
Fanning Springs Fire Department	(352) 463-0379
Gilchrist County Sheriff's Dept.	911 or (352) 463-3410

Advanced Tire Recycling, Inc. management personnel (mobile phones):

Jon Bischoff, Owner (239) 848-8899
Stephen McWilliams, (352) 535-5961
Scott Mendoza, Warehouse Supervisor (352) 210-1703

Florida Department of Environmental Protection:

II. TYPE OF EMERGENCY

The emergency of primary concern at Advanced Tire Recycling is fire. Prevention and early detection of a fire is paramount to minimizing its effect.

Advanced Tire Recycling typically operates 5 days a week 8am – 5pm. Employees are trained to be able to detect and report a fire. Each employee is informed as to the procedure to follow if fire is discovered. For any fire that cannot be extinguished immediately:

III. PROCEDURE TO FOLLOW IN THE EVENT OF FIRE.

1. Dial 911 to notify fire and sheriff's departments. Tell them to respond to 8369 SW CR 313 Trenton, FL 32693. Give these directions: Go 3 ½ miles west on State Road 26 turn right on county road 313 go ¼ of a mile and Advanced Tire Recycling is the first right.
2. Spread the alarm. Use cell phones to notify key managers.
3. Instruct customers and non-essential employees to leave the property.
4. Do not turn off electricity unless the particular building is immediately threatened. Turning off the electricity will shut down the well pumps needed to provide water. In the office building, turning off the electric will shut off the telephone system.
5. Notify Allied Universal Chemical (see phone list)
6. If it appears additional equipment is needed, contact Larry Lashley (352) 542-, Old Town Rental, (352) 493- , Tri County Rentals.

PROCEDURE TO FOLLOW IN THE EVENT OF A TORNADO OR SEVERE THUNDERSTORM.

1. When the weather is severe, all efforts will be made to listen for weather reports regarding the changing weather conditions in our area. If a tornado or severe thunderstorm warning is issued, all employees will be informed immediately through cell phones and/or verbally within each department.
2. Once employees have been notified of a thunderstorm warning, they should take no other steps than to ensure they are prepared if conditions deteriorate.
3. Once employees have been notified of a tornado warning, they should gather their valuables immediately available and take cover. Any employee who comes in contact with another employee or visitor should direct them to take appropriate actions. Office doors should be closed upon exiting. Building occupants should take cover in low-lying areas bathroom, closets, and/or hallways away from windows. Employees will be instructed to stay in their sheltered areas until they are notified that it is clear.
4. If any injury has occurred, emergency response will be addressed immediately by dialing 911. If properly damage has been sustained, appropriate safety measures will be addressed by Management to prevent further injury due to debris such as glass, ect.

PROCEDURE TO FOLLOW IN THE EVENT OF HURRICANES/HIGH WINDS.

1. Preparations for the hazard are to be made within each department to protect employees from injury and to safeguard building and property. Depending on the hazard, preparations may include: backing up computers, storing critical documents, removing equipment/paper from areas known to flood, boarding up windows, and sending employees home before the weather becomes too serious.
2. Once the emergency passes, employees will be notified of procedures to follow for returning to work. This will be conducted via telephone and/or radio. If the building sustains damage, restoration procedures will be addressed by Management.

IV. EMERGENCY PRESPONSE EQUIPMENT AND USE.

Advanced Tire Recycling maintains a quick response team under the leadership of the Warehouse Supervisor. The quick response team has been trained to fight only incipient stage fires. If a fire progresses beyond the incipient stage, quick response team efforts must be limited to containment and protection of adjacent assets. Equipment available to the team includes:

1. Numerous strategically located ABC dry chemical extinguishers and water hoses.

Advanced Tire Recycling - Daily Tire Processing Log

Date:______________________________

Time:	# Tires Received:	Name of Waste Tire Generator:	Whole Tires Released (tons):	Destination of Whole Waste Tires

Advanced Tire Recycling, LLC.

Weekly Tire Record

Week: 9/2-9/6, 2019

Date	Whole Tires from Day Before	Today Received	Today Processed	Whole Tires at End of Day	Today Shipped (Tons)
9/2/2019				0	
9/3/2019				0	
9/4/2019				0	
9/5/2019				0	
9/6/2019				0	
Weekly Sum		**0**	**0**		**0**

Quarterly Tire Record

Quarter: 3rd Quarter

Week of Year	Whole Tires from Week Before	This Week Received	This Week Processed	Whole Tires at End of Week	This Week Shipped (Tons)
9/2-9/6	0			0	
9/9-9/13				0	
9/16-9/20				0	
9/23-9/27				0	
9/30				0	
Quarterly Sum		**0**	**0**		**0**

Gilchrist County Fire-Rescue
3250 North U.S. Highway 129
Bell, Florida 32619
(386) 935-5400 (386) 935-0294 fax
jcampbell@gcfr.org
James Campbell, Fire Chief

August 2, 2019

To Whom It May Concern:

On August 1st, 2019, a walkthrough at the address 8369 SW County Rd 313 Trenton, Fl, Advanced Tire Recycling, was completed. All entrance and egress points are clearly marked with exit signs and, evacuation routes are posted in several locations. No smoking signs are also posted throughout the facility. All required signs are posted in clear view. Many fire extinguishers are posted throughout the building, and all have current inspection tags present. The work area is well lit, and all aisles were clear of obstructions/obstacles. The tires at this location are stacked neatly and well organized. All storage trailers are well away from the building. Several large stacks of tires were noted outside of the facility. These stacks are located safely away from other structures and have adequate room between the stacks for emergency operations.

Our department has a pre-fire plan for this location, and this department is aware of the contents of this facility.

Sincerely,

James Campbell
Fire Chief
Gilchrist County Fire Rescue
(386) 935 5403

Waste Tire Processing Facility

Permit Application

For

Advanced Tire Recycling, Inc.

Part III – Attachments

Subsection C – Closing Plan

Closing Plan:

Advanced Tire Recycling, Inc will remove and properly dispose of all waste tires and remaining residuals thereof upon closing of the business.

Waste Tire Processing Facility Permit

Application

For

Advanced Tire Recycling, LLC

Part III – Attachments

Subsection D – Financial Responsibility

Print Form | Reset Form

Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form # 62-701.900(28), F.A.C.

Form Title: Closure Cost Estimating Form For Solid Waste Facilities

Effective Date: January 6, 2010

Incorporated in Rule 62-701.630(3), F.A.C.

CLOSURE COST ESTIMATING FORM FOR SOLID WASTE FACILITIES

Date of DEP Approval: _____

I. GENERAL INFORMATION:

Facility Name: Advanced Tire Recycling, Inc WACS ID: 101060

Permit Application or Consent Order No.: 0321853-001 Expiration Date: _____

Facility Address: 8369 SW Cr 313, Trenton, Florida 32693

Permittee or Owner/Operator: Jon E. Bischoff, Jr.

Mailing Address: 8369 SW Cr 313, Trenton, Florida 32693

Latitude: 29 ° 36 ' 53 " Longitude: 82 ° 52 ' 59 "

Coordinate Method: _____ Datum: _____

Collected by: _____ Company/Affiliation: _____

Solid Waste Disposal Units Included in Estimate:

Phase / Cell	Acres	Date Unit Began Accepting Waste	Active Life of Unit From Date of Initial Receipt of Waste	If active: Remaining life of unit	If closed: Date last waste received	If closed: Official date of closing

Total disposal unit acreage included in this estimate: Closure: _____ Long-Term Care: _____

Facility type: (Check all that apply)
- ☐ Class I
- ☐ Class III
- ☐ C&D Debris Disposal
- ☒ Other: Waste Tire Processing Facility

II. TYPE OF FINANCIAL ASSURANCE DOCUMENT (Check type)

- ☐ Letter of Credit*
- ☐ Performance Bond*
- ☒ Guarantee Bond*
- ☐ Insurance Certificate
- ☐ Financial Test
- ☐ Trust Fund Agreement
- ☐ Escrow Account
- ☐ Form 29 (FA Deferral)

* - Indicates mechanisms that require the use of a Standby Trust Fund Agreement

III. ESTIMATE ADJUSTMENT

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code, (F.A.C.) sets forth the method of annual cost estimate adjustment. Cost estimates may be adjusted by using an inflation factor or by recalculating the maximum costs of closure in current dollars. Select one of the methods of cost estimate ajustment below.

☐ **(a) Inflation Factor Adjustment** ☐ **(b) Recalculated or New Cost Estimates**

Inflation adjustment using an inflation factor may only be made when a Department approved closure cost estimate exists and no changes have occurred in the facility operation which would necessitate modification to the closure plan. The inflation factor is derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its survey of Current Business. The inflation factor is the result of dividing the latest published annual Deflatory by the Deflator for the previous year. The inflation factor may also be obtained from the Solid Waste website www.dep.state.fl.us/waste/categories/swfr or call the Financial Coordinator at (850) 245-8706.

This adjustment is based on the Department approved closing cost estimate dated: _____

Latest Department Approved **Closing Cost** Estimate:		Current Year Inflation Factor, ***e.g. 1.02***		Inflation Adjusted Closing Cost Estimate:
$122,500.00	×	1.02	=	$124,950.00

This adjustment is based on the Department approved long-term care cost estimate dated: _____

Latest Department Approved Annual **Long-Term Care** Cost Estimate:		Current Year Inflation Factor, ***e.g. 1.02***		Inflation Adjusted Annual Long-Term Care Cost Estimate:
	×		=	

Number of Years of Long Term Care Remaining: × _____

Inflation Adjusted Long-Term Care Cost Estimate: = _____

Signature by: ☒ **Owner/Operator** ☐ **Engineer** (check what applies)

Signature

Jon E. Bischoff, Jr. President/Owner
Name & Title

01/09/20
Date

352-463-8448
Telephone Number

8369 SW Cr 313
Address

Trenton, Florida 32693
City, State, Zip Code

cyndelee@advancedtirerecycling.com
E-Mail Address

WASTE TIRE FACILITY CLOSING COST ESTIMATE (check one)

☐ **Recalculated Cost Estimate** ☐ **New Facility Cost Estimate** ☐ **New Unit Cost Estimate**

Original and Recalculated cost estimates must meet rule requirements. Assistance with these requirements may be obtained from your permitting office. A tire operation being added to an existing permit would be a "new unit."

Facility Name: Advanced Tire Recycling

WACS #: 101060

✓ Check if this estimate covers entire facility.

____ Check if this estimate is being included with other estimates for a disposal facility.

Maximum number of tires permitted	125,000	(Use the largest quantity in calculations below.
Maximum number of tires on premesis since last permit issuance	125,000	100 passenger tire equavelents (PTE) = 1 ton or PTE = 1 cubic yard)
Number of tires required to base estimate on (per permit or consent agreement, etc.)		15

DESCRIPTION	UNIT*	QUANTITY	UNIT COST	TOTAL
1. Tipping Fees				
Tires				
Cut or Shredded Tires				
Other				
Subtotal Tipping Fees:				
2. Hauling Fees				
Tires				
Cut or Shredded Tires				
Other				
Subtotal Hauling Fees:				
3. Handling Fees				
Tires				
Cut or Shredded Tires		125,000	1.00	125,000
Other				
Subtotal Handling Fees:				
4. Other Closing Costs**				
Disposal of Class I waste				
Other Disposal				
Engineering	LS			
Final Survey	LS			
Clean Stormwater System	LS			

Mobilization	LS			
Certification of Closure	LS			

Subtotal Other Closing Costs: _____

Subtotal of 1-4 Above: 125,000.00

5. Contingency _____ % of Subtotal

Subtotal Contingency: _____

TOTAL CLOSING COSTS: 125,000.00

* - CY=cubic yard; EA=each; HR=hour; LS=lump sum

Liberty Tire Recycling, LLC
600 River Ave, 3rd Floor
Pittsburgh, PA 15212
Phone: 412.926.1500
Fax: 412.697.2410
www.libertytire.com

Liberty TIRE RECYCLING

Invoice # 1731653
Invoice Date 12/28/2019
Due Date 2/26/2020
Account Number 31075
Terms Net 60 Days

Bill to: Advanced Tire Recycling
PO Box 197
Trenton, FL 32693-0197

I get these weekly

INVOICE

Service Date	Work Order/Tkt PO#	Description Cust Ref #	Qnty	Rate	Total
001 - Advanced Tire Recycling - 8369 SW County Road 313					
12/20/19	WO#: 0005931569	Environmental Fee	1.00	12.0000	$12.00
12/20/19	WO#: 0005931569	Mixed Load by the Load 53' Trailer	1.00	635.0000	$635.00
12/20/19	WO#: 0005935484	Environmental Fee	1.00	12.0000	$12.00
12/20/19	WO#: 0005935484	Mixed Load by the Load 53' Trailer	1.00	635.0000	$635.00
12/23/19	WO#: 0005940843	Environmental Fee	1.00	12.0000	$12.00
12/23/19	WO#: 0005940843	Mixed Load by the Load 53' Trailer	1.00	635.0000	$635.00
12/23/19	WO#: 0005940844	Environmental Fee	1.00	12.0000	$12.00
12/23/19	WO#: 0005940844	Mixed Load by the Load 53' Trailer	1.00	635.0000	$635.00
12/26/19	WO#: 0005940602	Environmental Fee	1.00	12.0000	$12.00
12/26/19	WO#: 0005940602	Mixed Load by the Load 53' Trailer	1.00	635.0000	$635.00
12/26/19	WO#: 0005943167	Environmental Fee	1.00	12.0000	$12.00
12/26/19	WO#: 0005943167	Mixed Load by the Load 53' Trailer	1.00	635.0000	$635.00
12/27/19	WO#: 0005947489	Environmental Fee	1.00	12.0000	$12.00
12/27/19	WO#: 0005947489	Mixed Load by the Load 53' Trailer	1.00	635.0000	$635.00
		Fuel Surcharge Variable Rate			88.90
		Service Location Sub Total			$4,617.90
				Invoice Total:	$4,617.90

Please detach and include with payment.

Please Pay This Amount **$4,617.90**

Amount of Remittance

Advanced Tire Recycling
PO Box 197
Trenton, FL 32693-0197

Account Number 31075
Invoice # 1731653
Invoice Date 12/28/2019
Due Date 02/26/2020

Please Remit Payment To: **LIBERTY TIRE SERVICES LLC**
PO Box 645375
Pittsburgh, PA 15264

Argos USA, LLC

3015 Windward Plaza Dr.
Windward Fairways II Suite 300
Alpharetta, GA 30005

INVOICE

IMPORTANT

REMIT TO:

Argos USA, LLC
C/O Cash Applications
PO Box 733134
Dallas, TX 75373-3134

CUSTOMER

ADVANCED TIRE RECYCLING
PO BOX 197
TRENTON, FL 32693-0197

INVOICE NUMBER: ADV123119
INVOICE DATE: 12/31/2019
TERMS: DUE UPON RECEIPT
PLANT: Argos Newberry Cement Plant
CUSTOMER #: 5380

I Get these monthly

SHIP DATE	TICKET	TRUCK	TRAILER	DESCRIPTION	PURCHASE ORDER	TONS	UNIT PRICE		EXT. PRICE
12/2/2019	4263	444	5	TIRE DISPOSAL FEES		13.00	0		$ -
12/3/2019	4264	1384	17	TIRE DISPOSAL FEES		13.00	0		$ -
12/9/2019	4265	444	592	TIRE DISPOSAL FEES		13.00	0		$ -
12/17/2019	4266	446	185	TIRE DISPOSAL FEES		13.00	0		$ -
				TIRE DISPOSAL FEES		13.00	0		$ -
				TIRE DISPOSAL FEES		13.00	0		$ -
				TIRE DISPOSAL FEES		13.00	0		$ -
				TIRE DISPOSAL FEES		13.00	0		$ -
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				TIRE DISPOSAL FEES		13.00	0		$ -
				TIRE DISPOSAL FEES		13.00	0		$ -
				TIRE DISPOSAL FEES		13.00	0		$ -
				TIRE DISPOSAL FEES		13.00	0		$ -
				TIRE DISPOSAL FEES		13.00	0		$ -
							Pre-Tax Subtotal		-
							Sales Tax Total at 0.00%		0

Your business is greatly appreciated

INVOICE TOTAL: $ -

Per Tipping Fee Agreement: Argos will not charge a tipping fee during any month when Advanced supplies all requested tires, up to a maximum of 50 trailers per month.

IF YOU HAVE QUESTIONS REGARDING YOUR INVOICE PLEASE CONTACT DENISE WALDING AT 352-472-4722 EXT 10823 or dwalding@argos-us.com

Klean Tires Recycling
10010 North Main Street
Jacksonville Florida 32218

January 7, 2020

Advanced Tire Recycling
Trenton, FL

Tire Disposal bid:

To whom it may concern:

Passenger and LT tires, $1.00 each
Medium Truck Tires sizes 19.5 – 31580R22.5, $5.00 each
Prices are valid through this year...
Costs include labor and transportation.

Thank you

Sam Hanania, President.

Sam Hanania

Klean Tires Recycling
10010 North Main Street
Jacksonville Florida 32218
904-444-9999

T & S Tire New & Used Tires
948 West Broad Ave
Albany, Ga 31701

T & S Tire New & Used Tires
948 West Broad Ave
Albany, Ga 31701

January 7, 2020

Advanced Tire Recycling
Trenton, FL

Tire Disposal bid:

To whom it may concern:

Passenger tire, $1.00 each
Light truck tire up to 19.5, $1.50 each
Medium Truck Tires sizes 19.5 – 31580R22.5, $5.00 each
Prices are valid through this year…
Costs include labor and transportation.

Thank you

T & S Tire New & Used Tires
948 West Broad Ave
Albany, Ga 31701

owner
Shirley Bivins Jan. 7, 2020

Waste Tire Processing Facility Permit

Application

For

Advanced Tire Recycling, Inc

Part III – Attachments

Subsection E – Land Use Authorization

BISCHOFF LAND HOLDING LLC
P.O. BOX 197
TRENOTN, FL 32693
352-463-8448

December 10, 2019

Bischoff Land Holding LLC, here by gives permission to Advanced Tire Recycling, Inc. to use the property located at 8369 SW CR 313, Trenton, Florida 32693 for the purpose of tire processing.

Jon E. Bischoff, Jr.
Owner/Manager

Waste Tire Processing Facility Permit

Application

For

Advanced Tire Recycling, LLC

Part III – Attachments

Subsection F – Other Environmental Permits

Other Environmental Permits Required:

Advanced Tire Recycling, Inc will **NOT** consume or dispose of any waste tires or residuals thereof at the proposed facility. Therefore, no further environmental permitting required in accordance with DEP Form # 62-701.900(23) Waste Tire Processing Facility Permit Application, Dated January 6th, 2010.

Waste Tire Processing Facility

Permit Application

For

Advanced Tire Recycling, Inc.

Addressing Prohibitions

Waste Tire Processing Facility

Permit Application

For

Advanced Tire Recycling, Inc.

Addressing Prohibitions

62-701.300 Prohibitions:

(1) General prohibition:

(a) No person shall store, process, or dispose of solid waste except as authorized at a permitted solid waste management facility or a facility exempt from permitting under this chapter.

Advanced Tire Recycling, Inc is currently reapplying for a Waste Tire Processing Facility Permit with the Florida Department of Environmental Protection.

(b) No person shall store, process, or dispose of solid waste in a manner or location that causes air quality standards to be violated or water quality standards or criteria of receiving waters to be violated.

Advanced Tire Recycling will conform with this General Prohibition.

(2) Siting:

Unless authorized by a Department permit or site certification in effect on May 27, 2001, or unless specifically authorized by another Department rule or a Department license or site certification based upon site-specific geological, hydrogeological, design, or operational features, no person shall store or dispose of solid waste:

Advanced Tire Recycling respectfully requests the permit reviewer to reference Subsection 17 below for further explanation.

(a) In an area where geological formations or other subsurface features will not provide support for the solid waste;

Advanced Tire Recycling will conform with this Prohibition.

(b) Within 500 feet of an existing or approved potable water well unless storage or disposal takes place at a facility for which a complete permit application was filed or which was originally permitted before the potable water well was in existence. This prohibition shall not apply to any renewal of an existing permit that does not involve lateral expansion, nor to any vertical expansion at a permitted facility;

No potable water wells are located within 500 feet of the facility.

(c) In a dewatered pit unless the pit is lined and permanent leachate containment and special design techniques are used to ensure the integrity of the liner;

Advanced Tire Recycling will conform with this Prohibition.

(d) In any natural or artificial body of water including ground water and wetlands within the jurisdiction of the Department. This prohibition also applies to areas where waste may settle into ground water as a result of the maximum expected loads over the waste. This prohibition does not apply to areas of standing water that exist only after storm events, provided that the storage or disposal does not result in objectionable odors or sanitary nuisances;

Advanced Tire Recycling will conform with this Prohibition.

(e) Within 200 feet of any natural or artificial body of water unless storage or disposal takes place at a facility for which a complete permit application was filed or which was originally permitted before the water body was in existence. This prohibition shall not apply to any renewal of an existing permit that does not involve lateral expansion, nor to any vertical expansion at a permitted facility. For purposes of this paragraph, a "body of water" includes wetlands within the jurisdiction of the Department, but does not include impoundments or conveyances which are part of an on-site, permitted stormwater management system, or bodies of water contained completely within the property boundaries of the disposal site which do not discharge from the site to surface waters. A person may store or dispose of solid waste within the 200 foot setback area upon demonstration to the Department that permanent leachate control methods will result in compliance with water quality standards and criteria. However, nothing contained herein shall prohibit the Department from imposing conditions necessary to assure that solid waste stored or disposed of within the 200 foot setback area will not cause pollution from the site in contravention of Department rules; and,

No natural or artificial water bodies are within 200 feet of the facility.

(f) On the right of way of any public highway, road, or alley.

Advanced Tire Recycling will conform with this Prohibition.

(3) Burning:

Open burning of solid waste is prohibited except in accordance with chapter 62-256, F.A.C. Controlled burning of solid waste is prohibited except in a permitted incinerator, or in a facility in which the burning of solid waste is authorized by a site certification order issued under chapter 403, part II, F.S.

Advanced Tire Recycling will not be involved with ANY burning of waste material. Advanced Tire Recycling will conform with this Prohibition.

(4) Hazardous waste:

No hazardous waste shall be disposed of in a solid waste management facility unless such facility is permitted pursuant to chapter 62-730, F.A.C.

Advanced Tire Recycling will conform with this Prohibition.

(5) PCBs:

Disposal of liquids containing a polychlorinated biphenyl (PCB), or non-liquid PCBs in the form of contaminated soil, rags, or other debris, may be restricted or prohibited by 40 CFR Part 761. Persons managing PCBs are advised to consult that federal regulation before attempting to dispose of PCBs in any solid waste disposal unit in this state.

Advanced Tire Recycling will conform with this Prohibition.

(6) Biomedical waste:

(a) No biomedical waste shall be knowingly deposited in any solid waste management facility unless:

1. The solid waste facility is specifically permitted to receive untreated biomedical waste,

2. The biomedical waste has been properly incinerated so that little or no organic material remains in the ash residue, or treated by a process approved by the Department of Health, and the provisions in paragraph 62-701.520(5)(d), F.A.C., are complied with, or

3. The biomedical waste is generated by an individual as a result of self-care, or care by a family member or other non health care provider. However, in order to reduce the chance of exposure to the public, home generators are advised to segregate and package such waste before disposal according to the guidelines for disposal of home-generated biomedical waste available from each county health department.

Advanced Tire Recycling will conform with these Prohibitions.

(b) No solid waste, including treated biomedical waste, shall be commingled with untreated biomedical waste unless the solid waste is being managed in the same manner as the untreated biomedical waste.

Advanced Tire Recycling will conform with this Prohibition.

(c) Treated or untreated biomedical waste shall not be allowed to leak into the environment during transport.

Advanced Tire Recycling will conform with this Prohibition.

(7) Class I surface waters:

The Department shall not issue a construction permit for a landfill within 3,000 feet of Class I surface waters.

Advanced Tire Recycling will conform with this Prohibition.

(8) Special wastes for landfills:

(a) No person who knows or who should know of the nature of such solid waste shall dispose of the following wastes:

1. Lead-acid batteries in any landfill,

2. Used oil in any landfill, except as provided in chapter 62-710, F.A.C.,

3. Yard trash in a Class I landfill, except as may be allowed pursuant to section 403.708(12)(c), F.S.; and,

4. White goods in any landfill.

Advanced Tire Recycling will conform with these Prohibitions.

(b) Whole waste tires may not be disposed of in any landfill or in any construction and demolition debris disposal facility, except as provided in chapter 62-711, F.A.C.

Advanced Tire Recycling will ensure that NO whole waste tires will be disposed of in any landfill or in any construction and demolition debris disposal facility.

(9) Special wastes for waste-to-energy facilities:

No person who knows or who should know of the nature of such solid waste shall dispose of lead-acid batteries, mercury-containing devices, or spent mercury-containing lamps in any waste-to-energy facility.

Advanced Tire Recycling will conform with this Prohibition.

(10) Liquids restrictions:

(a) Noncontainerized liquid waste shall not be placed in solid waste disposal units which accept household waste or construction and demolition debris for disposal unless:

1. The liquid waste is household waste other than septic waste, or

2. The liquid waste is leachate or gas condensate derived from the solid waste disposal unit, or byproducts of the treatment of such leachate or gas condensate, and the solid waste disposal unit is lined and has a leachate collection system.

Advanced Tire Recycling will conform with these Prohibitions.

(b) Containers holding liquid waste shall not be placed in a solid waste disposal unit unless:

1. The container is a small container similar in size to that normally found in household waste,

2. The container is designed to hold liquids for use other than storage,

3. The waste is household waste.

Advanced Tire Recycling will conform with these Prohibitions.

(c) Containers or tanks twenty gallons or larger in capacity shall either have one end removed or cut open, or have a series of punctures around the bottom to ensure the container is empty and free of residue. The empty container or tank shall be compacted to its smallest practical volume for disposal.

Advanced Tire Recycling will conform with this Prohibition.

(11) Used oil and oily wastes:

(a) Except as provided in paragraph (b) of this subsection, no person may mix or commingle used oil with solid waste that is to be disposed of in landfills or directly dispose of used oil in landfills.

Advanced Tire Recycling will conform with this Prohibition.

(b) Oily wastes, sorbents or other materials used for maintenance or to clean up or contain leaks, spills or accidental releases of used oil, and soils contaminated with used oil as a result of spills or accidental releases

are not subject to the prohibition in paragraph (a) of this subsection.

Advanced Tire Recycling will conform with this Prohibition.

(12) Yard trash:

The prohibitions of this section apply to the storage, processing, or disposal of yard trash, except that paragraphs (2)(b) and (e), of this rule, are modified so that the following setback distances shall apply:

(a) 100 feet from off-site potable water wells, no setback required from on-site water wells; and,

(b) 50 feet from water bodies.

Advanced Tire Recycling will conform with these Prohibitions.

(13) Tanks:

The prohibitions in subsection (2) of this rule, do not apply to the storage or treatment of solid waste in tanks which meet the criteria of chapter 62-761, or subsection 62-701.400(6), F.A.C. Instead, no such storage tank shall be installed within 500 feet of any existing community water supply system or any existing non-transient non-community water supply system, nor shall any tank be installed within 100 feet of any other existing potable water supply well.

Advanced Tire Recycling will conform with these Prohibitions.

(14) CCA treated wood:

CCA treated wood shall not be incorporated into compost or made into mulch, decorative landscape chips or any other wood product that is applied as a ground cover, soil or soil amendment. CCA treated wood may be ground and used as initial cover on interior slopes of lined solid waste disposal facilities provided it meets the criteria of subsection 62-701.200(53), F.A.C. CCA treated wood shall not be disposed of through open burning or through combustion in an air curtain incinerator.

Advanced Tire Recycling will conform with these Prohibitions.

(15) Dust:

The owner or operator of a solid waste management facility shall not allow the unconfined emissions of particulate matter in violation of paragraph 62-296.320(4)(c), F.A.C.

Advanced Tire Recycling will conform with these Prohibitions.

(16) Indoor storage:

The prohibitions in subsection (2) of this rule, do not apply to the storage or processing of solid waste indoors, provided that the indoor storage area has an impervious surface and a leachate collection system. For the purposes of this subsection, an impervious surface means either a poured concrete pad having a minimum thickness of four inches, or an asphalt concrete paving with both a minimum thickness of one and one-half inches and with an additional

component to restrict leaching to ground water such as a soil cement sub-base, an epoxy seal or a geomembrane.

Advanced Tire Recycling's used tire sorting process occurs indoors and the whole waste tires are enclosed inside 40' commercial truck trailers. As the whole waste tires are protected from rainwater intrusion, a leachate collection system is not necessary.

(17) Storage in vehicles or containers:

The prohibitions in subsection (2) of this rule, do not apply to the storage of solid waste in an enclosed or covered vehicle or container, provided that such vehicle or container has either been unloaded or moved over public highways within the previous seven days, and provided also that reasonable efforts have been made to minimize leakage from the vehicle or container.

Advanced Tire Recycling will contain all whole waste tires in covered containers to prevent natural rain water infiltration and, thus prevent contaminated runoff from entering ground water.

(18) Existing facilities:

Those portions of facilities which were constructed prior to May 27, 2001, remain subject to the prohibitions that were in effect at the time the permit authorizing construction was issued. Lateral expansions of such facilities remain subject to the prohibitions that were in effect at the time the permit authorizing the lateral expansion was issued. For example, portions of facilities constructed prior to May 19, 1994 were subject to the prohibition against storing or disposing of solid waste within 500 feet of an existing or approved shallow water supply well, but are not subject to the prohibitions of paragraph (2)(b) of this rule. However, lateral expansions of such facilities which occurred after May 19, 1994, are subject to the prohibitions of paragraph (2)(b) of this rule.

Advanced Tire Recycling will conform with current Florida DEP rules.

Rulemaking Authority 403.704 FS. Law Implemented 403.704, 403.7045(3)(d), 403.707, 403.708, 403.751(1) FS. History–Formerly 10D-12.06, 10D-12.07, 10-1-74, Amended 5-24-79, 5-27-82, 12-10-85, Formerly 17-7.04, 17-7.040, Amended 6-25-90, Formerly 17-701.040, Amended 1-6-93, 1-2-94, 5-19-94, Formerly 17-701.300, Amended 12-23-96, 5-27-01, 1-6-10, 8-12-12, 2-15-15.