



FLORIDA DEPARTMENT OF Environmental Protection

Southwest District Office
13051 North Telecom Parkway #101
Temple Terrace, Florida 33637-0926

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

February 9, 2024

Thomas Fanell
American Steel Processing Co.
328 Wahoo Road
Panama City Beach, FL 32408
c/o Robert Middleton
robertdemet@aol.com

Re: Executed Consent Order OGC File No. 24-0074
DEP v. Tire Shredders of America
Facility ID: 106062
Hillsborough County

Dear Mr. Fanell:

Enclosed please find the executed Consent Order OGC No. 24-0074 regarding the above referenced site. The effective date of the Consent Order is the filing date entered by the designated Florida Department of Environmental Protection Clerk on the signature page. Please be aware of all conditions of this Order.

Please be advised of requirements under Item 13 of the Consent Order in the event of a sale or conveyance of the Facility or of the Property upon which the Facility is located.

For inquiries, you may contact Emily Weaver of the Southwest District Office at (813) 470-5781 or via e-mail at Emily.Weaver@FloridaDEP.gov

Sincerely,

A handwritten signature in blue ink, appearing to read "Kelley M. Boatwright".

For Kelley M. Boatwright
Southwest District Director
Florida Department of Environmental Protection

Enclosure: Executed Consent Order

cc: Pamala Vazquez, FDEP, [FDEP, Pamala.Vazquez@FloridaDEP.gov](mailto:FDEP.Pamala.Vazquez@FloridaDEP.gov)
Emily Weaver, FDEP, Emily.Weaver@FloridaDEP.gov
Steven Tafuni, FDEP-SWD; Steven.Tafuni@FloridaDEP.gov
Kelley M. Boatwright, FDEP, Kelley.M.Boatwright@FloridaDEP.gov
Ms. Lea Crandall, FDEP/OGC, lea.crandall@dep.state.fl.us

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT)	IN THE OFFICE OF THE
OF ENVIRONMENTAL PROTECTION)	SOUTHWEST DISTRICT
)	
v.)	OGC FILE NO. 24-0074
)	
TIRE SHREDDERS OF AMERICA)	
)	
_____)	

CONSENT ORDER

This Consent Order (“Order”) is entered into between the State of Florida Department of Environmental Protection (“Department”) and Tire Shredders of America (“Respondent”) to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds and Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to administer and enforce the provisions of the Florida Resource Recovery and Management Act, Sections 403.702, et seq., Florida Statutes (“F.S.”), and the rules promulgated and authorized in Title 62, Florida Administrative Code (“F.A.C.”). The Department has jurisdiction over the matters addressed in this Order.

2. Respondent is a “person” within the meaning of Sections 403.031(5) and 403.703(22), F.S.

3. Respondent is the operator of a facility located at 6902 East 6th Avenue Tampa, Florida (Facility). The Facility Identification Number is WACS: 106062.

4. Respondent operates the Facility under Permit No. 391792-001-WT/02 (Waste Tire Processing Facility) issued March 4, 2021, which expires March 4, 2026.

5. The January 25, 2023, inspection of the Facility by the Department revealed the following violation(s) by Respondent:

a) During the inspection, the following violations of Chapter 62-701.300(1)(a) F.A.C. were observed:

- i) Department staff observed de-rimming activity onsite with rim storage within a container on the northwest side of the property, for later disposal. De-rimming is not authorized by the Permit. Additionally, a pile of truck tires was observed near the scale. This pile was not included in the current permitted site plan. As of the date of this Order, no corrective actions have been taken.
- ii) An unpermitted concrete pad, approximately 100 by 70 foot, was observed. This pad was located within Retention Pond #2A. Per Section 2 (B) of Permit 391792-001WT/02, all construction must be done per the approved permit application documents. The Department must also be notified before any changes to the approved plans are implemented. The Department did not receive any notification nor approve any changes to the current site plan. Further, a metal rim storage roll-off, additional site equipment, fill material, the new concrete pad, and additionally processed waste tire material, were all being stored within the Retention Pond #2A area. The Permit's current site plan does not authorize this storage. As of the date of this Order, no corrective actions have been taken.
- iii) The Facility's shredder system was nonoperational. However, processed waste tire shreds were observed to have been discharged directly onto the ground for later transport in violation of Permit 391792-001WT/02 Section 1. C which states, "All of the shredder's processed discharge will be conveyed directly into the hauling vehicles, which will transport the processed tires for disposal at a permitted solid waste management Facility." This is reiterated in the Operations Plan under Operational Procedures (3). Additionally, under the same sections of both the Permit and Operations Plan, the processed material is described as being cut into

pieces that are “3-inches wide, lengths varying from 3-inches to 9-inches” or at least into over eight equal parts. Processed waste tires onsite at the time of inspection were observed as being larger than this. As of the date of this Order, processed materials are still being discharged to and stored on the ground, in violation of their permitted Operations Plan, and no additional corrective actions have been taken.

- b) The Facility was not being operated in accordance with the approved operations plan or site plan. Tire piles exceeded the permitted capacity and fire lanes did not meet the necessary requirements per the Facility’s permit conditions. Per Section 5 of the Facility’s operations plan, inventories at the site shall not exceed 80 tons staged inbound tires and 40 tons staged processed shredded tires. A single storage pile for inbound whole tires shall be maximum of 50 feet wide, 13 feet high, and 2, 500 square feet of area. No waste tires shall be maintained on the site for more than 30 days (a 50-foot unobstructed fire lane shall be maintained around the perimeter of tire pile at all times).
- c) Per section 2 paragraph G (2) of the Facility’s permit, the permittee shall annually adjust the Closing Cost Estimate (Estimate) in accordance with Rule 62-711.500, F.A.C. The Estimate for this Facility was due by December 3, 2023. The Facility submitted the Estimate on September 4, 2023. However, due to Respondent’s outstanding violations including but not limited to waste tire pile exceedances and fire lane violations, the Department is unable to approve the Estimate.

Having reached a resolution of the matter, Respondent and the Department mutually agree and it is:

ORDERED:

- 6. Respondent shall comply with the following corrective actions within the stated time periods:

- a) **Within 60 days** of the effective date of this Order, Respondent shall return the Facility to all current permit conditions (under Permit No. 391792-001-WT/02), to include all items listed below, except for the concrete pad described in paragraph 5(a)(ii).
- i) All de-rimming activity shall cease, all rims on the site shall be removed, and the current rim storage container shall be removed from retention pond 2A.
 - ii) The truck tire pile shall be removed.
 - iii) Retention Pond 2A shall be cleared of any roll-offs, additional site equipment, fill material, and additionally processed waste tire material.
 - iv) All processed waste tire material shall be removed from the ground and stored in hauling vehicles for delivery to approved landfill disposal sites, per the permitted operations plan and site plan.
 - v) Per the Facility's current permitted operations plan, all waste tires will be shredded into pieces that are "3-inches wide, lengths varying from 3-inches to 9-inches" or at least into over eight equal parts.
 - vi) Upon completion of all above corrective actions, Respondent shall submit Estimate to Southwest District Office Compliance Assurance Program at SWD_Waste@FloridaDEP.gov and Financial.Assurance.Working.Group@FloridaDEP.gov.
- b) **Within 7 days** of completing the corrective actions described in paragraph 6a), Respondent shall submit color photographs to the Department or arrange a follow up inspection to verify all corrective actions have been completed.
- c) The Department will review and notify the Respondent in writing if the Department concurs with compliance status.
- d) **Within 15 days** of receipt of in-compliance status from the Department, the Respondent shall submit a **complete** Department Environmental Resource Program (ERP) Permit application to modify the stormwater retention pond for

the concrete pad identified in 5a)ii). If the ERP application is denied, Respondent shall remove the concrete pad and dispose of it in accordance with applicable rules within 60 days of the denial. This application must be submitted to ERP Permitting at SW_ERP@FloridaDEP.Gov.

7. Respondent agrees to pay the Department stipulated penalties in the amount of \$1000.00 per day for each and every day Respondent fails to timely comply with any of the requirements of paragraph 6 of this Order. The Department may demand stipulated penalties at any time after violations occur. Respondent shall pay stipulated penalties owed within 30 days of the Department's issuance of written demand for payment and shall do so as further described in paragraphs 8 and 9, below. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce any terms of this Order. Any stipulated penalties assessed under this paragraph shall be in addition to the civil penalties agreed to in paragraph 8 of this Order.

8. **Within 15 days** of the effective date of this Order, Respondent shall pay the Department \$15,500.00 in settlement of the regulatory matters addressed in this Order. This amount includes \$15,000.00 for civil penalties and \$500.00 for costs and expenses incurred by the Department during the investigation of this matter and the preparation and tracking of this Order.

9. Respondent shall make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the "Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal at <http://www.fldepportal.com/go/pay/>. It will take a number of days after this order becomes final, effective and filed with the Clerk of the Department before the ability to make online payment is available.

10. Except as otherwise provided, all submittals required by this Order shall be sent to Emily Weaver, Environmental Specialist III, Department of Environmental Protection,

Southwest District, 13051 North Telecom Parkway, Suite 101, Temple Terrace, FL 33637, or at Emily.Weaver@FloridaDEP.gov.

11. Respondent shall allow all authorized representatives of the Department access to the property at reasonable times for the purpose of determining compliance with the terms of this Consent Order and the rules and statutes of the Department.

12. Entry of this Consent Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, regulations or ordinances.

13. In the event of a sale or conveyance of the Facility or of the Property upon which the Facility is located, if all of the requirements of this Order have not been fully satisfied, Respondent shall, at least 30 days prior to the sale or conveyance of the Facility or Property, (a) notify the Department of such sale or conveyance, (b) provide the name and address of the purchaser, operator, or person(s) in control of the Facility, and (c) provide a copy of this Order with all attachments to the purchaser, operator, or person(s) in control of the Facility. The sale or conveyance of the Facility or the Property does not relieve Respondent of the obligations imposed in this Order.

14. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as "contractor") to whom responsibility for performance is delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department by the next working day and shall, within seven calendar days notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or

minimize the delay, and (c) the timetable by which Respondent intends to implement these measures. If the parties can agree that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

15. The Department, for and in consideration of the complete and timely performance by Respondent of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages or civil penalties for alleged violations up to the date of the filing of this Order. This waiver is conditioned upon Respondent's complete compliance with all of the terms of this Order.

16. This Order is a settlement of the Department's civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

17. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.

18. Respondent is fully aware that a violation of the terms of this Order may subject Respondent to judicial imposition of damages, civil penalties up to \$15,000.00 per day per violation, and criminal penalties.

19. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, F.S., on the terms of this Order. Respondent also

acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, F.S.

20. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

21. The terms and conditions set forth in this Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, F.S. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), F.S.

22. This Consent Order is a final order of the Department pursuant to section 120.52(7), F.S., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, F.S. Upon the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department's final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain all of the following information:

- a) The name and address of each agency affected and each agency's file or identification number, if known;
- b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial

interests will be affected by the agency determination;

- c) A statement of when and how the petitioner received notice of the agency decision;
- d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action;
- f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 or received via electronic correspondence at Agency_Clerk@floridadep.gov, within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at 13051 N Telecom Parkway Suite 101, Temple Terrace, Florida 33637. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

23. Rules referenced in this Order are available at <http://www.dep.state.fl.us/legal/Rules/rulelist.htm>.

FOR THE RESPONDENT:



Tire Shredders of America
Thomas Fanell, C.E.O.

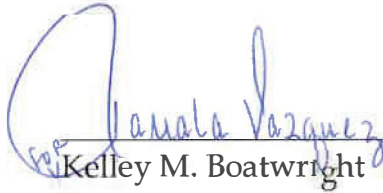
FEB 2ND, 2024

Date

-----FOR DEPARTMENT USE ONLY-----

DONE AND ORDERED this 9th day of February, 2024, in
Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Kelley M. Boatwright
District Director
Southwest District

Filed, on this date, pursuant to section 120.52, F.S., with the designated Department Clerk,
receipt of which is hereby acknowledged.



Clerk

February 9, 2024

Date

Final clerked copy furnished to:

Lea Crandall, Agency Clerk
Mail Station 35



FLORIDA DEPARTMENT OF Environmental Protection

Southwest District
13051 North Telecom Parkway, Suite 101
Temple Terrace, FL 33637-0926

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

August 1, 2023

Thomas Fanell
American Steel Processing Co.
328 Wahoo Road
Panama City Beach, FL 32408
c/o Robert Middleton
robertdemet@aol.com

Exhibit A

Re: Warning Letter #WL22-195SW29SWD
Tire Shredders of America
WACS ID No. 106062
Hillsborough County

Dear Mr. Fanell:

The Department of Environmental Protection (Department) conducted a compliance inspection at your facility on January 25, 2023. During this inspection, possible violations of Chapter 403, Florida Statutes, Chapter 62-711, and Chapter 62-701, Florida Administrative Code were observed. These compliance issues were also noted in two prior inspections in December 2021 and in February 2022 which warranted a previous Warning Letter. To date, we have not been informed of any completed corrective actions.

During the latest inspection Department personnel noted the following:

- Annual adjusted cost estimates were due to the Department on December 3, 2022 (sixty days prior to expiration of your financial instrument). The cost estimates have not been submitted to date.
- Two additional tire piles (incoming truck tires for grading and additionally processed tire material) were observed which are not shown on the permitted site plan or included in the permitted tire storage calculations.
- The tire shredder was conveying/storing shredded tires on the ground and not directly into transfer trailers in accordance with the permit.
- Tire de-rimming, not authorized by the permit was occurring, and aluminum and steel rims were being stored on site without permit authorization.
- Shredded tires observed at the time of inspection appeared to be larger than the specified 3x9 inch permitted size for the activity.
- A new concrete pad was constructed within a retention pond at the facility. This is contrary to the currently permitted site plan. Additionally, fill material, a roll-off, and equipment was also being stored in the retention pond.

Violations of Florida Statutes or administrative rules may result in liability for damages and restoration, and the judicial imposition of civil penalties, pursuant to sections 403.121 and 403.161, Florida Statutes.

Please respond in writing within **7 days** of your receipt of this Warning Letter. Please direct your written response to Emily Weaver, at Emily.Weaver@FloridaDEP.gov or (813) 470-5781 to discuss. The Department is interested in receiving any facts you may have that will assist in determining whether any violations have occurred.

Please be advised that this Warning Letter is part of an agency investigation, preliminary to agency action in accordance with section 120.57(5), Florida Statutes. We look forward to your cooperation in completing the investigation and resolving this matter.

Sincerely,



Ms. Kelley M. Boatwright
Southwest District Director
Florida Department of Environmental Protection

ec: Steve Tafuni, FDEP Southwest District, Steven.Tafuni@FloridaDEP.gov
Emily Weaver, FDEP Southwest District, Emily.Weaver@FloridaDEP.gov
Solid Waste Permitting; SWD_Solid_Waste_Permitting@FloridaDEP.gov
Kelley Boatwright, FDEP Southwest District, Kelley.M.Boatwright@FloridaDEP.gov
Pamala Vazquez, FDEP Southwest District, Pamala.Vazquez@FloridaDEP.gov
Ron Cope, EPC, cope@epchc.org
Tom Fanell, US Ironworks CO., tjfanell@usironworks.us



**Florida Department of
Environmental Protection
Inspection Checklist**

FACILITY INFORMATION:

Facility Name: TIRE SHREDDERS OF AMERICA [FKA AMERICAN STEEL]

On-site Inspection Start Date: 01/25/2023

On-site Inspection End Date: 01/25/2023

WACS No.: 106062

Facility Street Address: 6902 E 6TH AVE

City: TAMPA

County Name: HILLSBOROUGH

Zip: 33619

INSPECTION PARTICIPANTS:

(Include ALL Landfill and Department Personnel with Corresponding Titles)

Principal Inspector: Emily M Weaver, Inspector

Other Participants: Shayla Rhodes, Engineering Specialist III; Tom Fanell, CEO; Steve Roehrig, Site Manager;

INSPECTION TYPE:

Routine Operation Inspection for WPF - Waste Tire Processing Facility

ATTACHMENTS TO THE INSPECTION CHECKLIST:

This Cover Page to the Inspection Checklist may include any or all of the following attachments as appropriate.

Note: Checklist items with shaded boxes are for informational purposes only.

1.0 - SECTION 1.0 - FILE REVIEW

9.0 - SECTION 9.0 - WASTE TIRE FACILITIES

TIRE SHREDDERS OF AMERICA [FKA AMERICAN STEEL]

Inspection Date: 01/25/2023

1.0 - SECTION 1.0 - FILE REVIEW

Requirements:

The requirements listed in this section provide an opportunity for the Department's inspector to indicate the conditions found at the time of the inspection. A "Not Ok" response to a requirement indicates either a potential violation of the corresponding rule or an area of concern that requires more attention. Both potential violations and areas of concern are discussed further at the end of this inspection report.

Item No.	FILE REVIEW (Pre- or Post-Inspection, as appropriate.)	Ok	Not Ok	Unk	N/A
1.1	For landfills and C&D disposal facilities, does the facility have a current plan for the method and sequence of filling wastes? 62-701.500(2)(f) for landfills; 62-701.730(7)(a) for C&D debris sites				✓
1.2	For landfills, are the following records being reported to the Department?(Check any that are Not OK) <input type="checkbox"/> Waste reports (annually) 62-701.500(4) <input type="checkbox"/> Annual estimate of remaining life 62-701.500(13)(c)				✓
1.3	Is gas monitoring being performed as required by the permit? 62-701.500(9), 62-701.530(2)				✓
1.4	Are the results of the gas sampling reported to the Department quarterly? 62-701.530(2)(c)				✓
1.5	Is water quality sampling and testing performed according to standard procedures and at the required frequencies? 62-701.510(2) for landfills; 62-701.730(8) and 62-701.730(10) for C&D debris sites; 62-713.400(3) for stationary soil treatment facilities.				✓
1.6	Do the results of the water quality testing suggest there may be adverse impacts to water quality from the operation of the solid waste facility? 62-701.510(3) and (4); 62-701.730(4)(c) and (10) for C&D debris sites; 62-713.400(3) for stationary soil treatment facilities.				✓
1.7	For closed landfills and C&D disposal facilities with final elevations higher than 20 feet above grade, has a final survey report verifying the final elevations and contours of the facility been submitted to the Department? 62-701.600(6)(b), 62-701.730(9)(e)				✓
1.8	Is financial assurance adequate? 62-701.630 for landfills; 62-701.710(7)(a) and 62-701.710(1)(d)1. for waste processing facilities; 62-701.730(11)(a) for C&D debris facilities; 62-713.600(6)(a) for stationary soil treatment facilities; 62-711.500(3) for waste tire facilities. NOTE: The Solid Waste Financial Coordinator in Tallahassee can assist with this information.		✓		
1.9	Are cost estimates current and adjusted every year? 62-701.630(4) for landfills; 62-701.710(7)(a) and 62-701.710(1)(d)1. for waste processing facilities; 62-701.730(11)(a) for C&D debris facilities; 62-713.600(6)(b) and 62-713.600(6)(c) for stationary soil treatment facilities; 62-711.500(3) for waste tire facilities.		✓		
1.10	For C&D debris disposal and disposal with recycling facilities, is an Annual Report submitted to the Department for the disposal operation by February 1st of each year? 62-701.730(12)				✓
1.11	For C&D recycling facilities with no disposal, is an Annual Report for the recycling facility submitted to the Department by February 1st of each year? 62-701.710(8)(b)				✓
1.12	For compost facilities, has the compost product been sampled and analyzed every 20,000 tons or every 3 months (whichever is sooner)? 62-709.530(1)				✓
1.13	For compost facilities, has the annual report been submitted by June 1st? 62-709.530(3)				✓

TIRE SHREDDERS OF AMERICA [FKA AMERICAN STEEL]

Inspection Date: 01/25/2023

9.0 - SECTION 9.0 - WASTE TIRE FACILITIES

Requirements:

The requirements listed in this section provide an opportunity for the Department's inspector to indicate the conditions found at the time of the inspection. A "Not Ok" response to a requirement indicates either a potential violation of the corresponding rule or an area of concern that requires more attention. Both potential violations and areas of concern are discussed further at the end of this inspection report.

Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(18))	Ok	Not Ok	Unk	N/A
9.1.1	Unauthorized storage, processing, or disposal of solid waste except as authorized at a permitted solid waste management facility or other exempt facility? 62-701.300(1)(a)		✓		
9.1.2	Unauthorized disposal or storage prohibited, except yard trash, within 500 feet of a potable water well? 62-701.300(2)(b)	✓			
9.2	Unauthorized storage or disposal of yard trash prohibited within the minimum setbacks of (Check any that are Not OK) 62-701.300(12) <input type="checkbox"/> 100 feet from potable water wells (except on-site)? <input type="checkbox"/> 50 feet from water bodies?	✓			
9.3	Unauthorized disposal or storage prohibited in any natural or artificial body of water including ground water and wetlands? (Does not apply to standing water after a storm event) 62-701.300(2)(d)	✓			
9.4	Unauthorized disposal or storage prohibited, except yard trash, within 200 feet of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(e)	✓			
9.5	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	✓			
Item No.	WASTE TIRE FACILITY - GENERAL REQUIREMENTS FOR STORAGE	Ok	Not Ok	Unk	N/A
9.6	If the facility accepts tires from the public, is a sign posted at the facility entrance stating operating hours, cost of disposal and site rules? 62-711.540(1)(a)	✓			
9.7	Are operations involving the use of open flames conducted no closer than 25 feet of a waste tire pile? 62-711.540(1)(b)	✓			
9.8	If the facility accepts tires from the public, is an attendant always present on site when the site is open for business? 62-711.540(1)(c)	✓			
9.9	Are fire protection services assured through notification to local fire protection authorities? 62-711.540(1)(d)	✓			
9.10	Is an annual fire safety survey conducted? 62-711.540(1)(d)	✓			
9.11	Is a copy of the annual fire safety report made part of the next quarterly report? 62-711.540(1)(d)	✓			
9.12	Does the facility have an Emergency Preparedness Manual (EPM) on-site? 62-711.540(1)(e)	✓			
9.13	Does the EPM contain the following information? (Check all that are Not OK) <input type="checkbox"/> Contact names and numbers 62-711.540(1)(e)1 <input type="checkbox"/> List of emergency response equipment and locations on-site 62-711.540(1)(e)2 <input type="checkbox"/> Procedures to be followed in the event of a fire 62-711.540(1)(e)3	✓			
9.14	Is the operator at the facility maintaining records of the quantity of waste tires received at the site, stored at the site, and shipped from the site? 62-711.540(1)(g) and 62-711.400(5)	✓			
9.15	If the operator of the site is not the owner of the property, has written authorization been obtained from the property owner to operate the facility? 62-711.540(1)(h)	✓			
9.16	Is adequate communications equipment available at the site? 62-711.540(1)(i)	✓			
9.17	Is the owner or operator providing for control of mosquitoes and rodents so as to protect the public health and welfare? 62-711.540(1)(j)	✓			

TIRE SHREDDERS OF AMERICA [FKA AMERICAN STEEL]

Inspection Date: 01/25/2023

Item No.	WASTE TIRE FACILITY - STORAGE INDOORS	Ok	Not Ok	Unk	N/A
9.18	Are waste tire piles more than 50 feet in width? 62-711.540(2)(a)				✓
9.19	Are waste tire piles along a wall more than 25 feet in width? 62-711.540(2)(a)				✓
9.20	Are widths of main aisles between piles less than 8 feet? 62-711.540(2)(b)				✓
9.21	Is there less than 3 feet of clearance between the top of storage to sprinkler detectors or roof structures? 62-711.540(2)(c)				✓
9.22	Is there less than 3 feet of clearance between waste tire piles and unit heaters, etc.? 62-711.540(2)(d)				✓
9.23	If waste tires are stored up to 15 feet high, do walls between adjacent warehouse areas and between manufacturing and warehouse areas have at least a four-hour fire rating? 62-711.540(2)(e)				✓
9.24	If waste tires are stored over 15 feet high, do walls between manufacturing and warehouse areas have a fire rating of not less than six hours and do steel columns have one-hour fireproofing? If the top of storage exceeds 20 feet in height, do columns and their connections with other structural members have two-hour fireproofing? 62-711.540(2)(f)				✓
9.25	Is the access controlled through the use of doors, fences, gates, natural barriers or other means? 62-711.540(2)(h)				✓
Item No.	WASTE TIRE FACILITY - STORAGE OUTDOORS	Ok	Not Ok	Unk	N/A
9.26	Is the waste tire site operated within 200 feet from a body of water? 62-711.540(3)(a)	✓			
9.27	Does the waste tire pile have a width less than 50 feet? 62-711.540(3)(b)	✓			
9.28	Does the waste tire pile have an area less than 10,000 sq. ft? 62-711.540(3)(b)	✓			
9.29	Does the waste tire pile have a height less than 15 feet? 62-711.540(3)(b)	✓			
9.30	Is there a 50 feet wide fire lane around the perimeter of the waste tire pile? 62-711.540(3)(c)		✓		
9.31	Is there unobstructed access to the fire lane? 62-711.540(3)(c)		✓		
9.32	Is the access controlled through the use of doors, fences, gates, natural barriers or other means? 62-711.540(3)(d)	✓			
9.33	Is the site kept free of grass, underbrush, and other potentially flammable vegetation? 62-711.540(3)(f)	✓			
9.34	Is the site bermed or given other adequate protection to prevent liquid runoff from entering water bodies? 62-711.540(3)(e)	✓			
9.35	Are residuals contained on-site and disposed of in a permitted solid waste management facility or properly recycled? 62-711.540(5)	✓			
9.36	Does the waste tire site qualify for the exceptions to the technical and operational standards as allowed by rule? 62-711.540(6)	✓			
Item No.	WASTE TIRE FACILITY - COLLECTION CENTER	Ok	Not Ok	Unk	N/A
9.37	Are no more than 1,500 tires at the collection center at any one time? 62-711.550(1)(a)				✓
9.38	Are all waste tires, which are not used tires, removed from site yearly for recycling, processing, or disposal? 62-711.550(1)(b)				✓

TIRE SHREDDERS OF AMERICA [FKA AMERICAN STEEL]

Inspection Date: 01/25/2023

Current Violations:

Rule: 62-711.540(3)(c)

Question Number: 9.30

Explanation: At the time of inspection, an additional pile of processed waste tire was seen being stored on a newly constructed concrete pad. A 50-foot wide perimeter lane was not present. Additionally, equipment and fill material were being stored behind the pile causing obstruction to the fire lane.

Corrective Action: Within fifteen (15) days of receipt of this inspection report please schedule a meeting with the Department to discuss.

Rule: 62-711.540(3)(c)

Question Number: 9.31

Explanation: See 9.30

Corrective Action: See 9.30

Pre-existing Violations:

Rule: 62-701.630, 62-701.710(1)(d)1., 62-701.710(7)(a), 62-701.730(11)(a), 62-711.500(3), 62-713.600(6)(a)

Question Number: 1.8

Explanation: 12/14/2021 Inspection: At the time of inspection, the annual adjusted cost estimates were not submitted to the Department. Cost estimates were later submitted to the Department on January 4, 2022, however they were not approved by the Department due to the facility not being in compliance with permitted storage quantities and requirements.

1/25/2023 Inspection: At the time of inspection, the annual adjusted cost estimates were not submitted to the Department.

Corrective Action: Within fifteen (15) days of receipt of this Inspection Report please contact the Department to schedule a meeting to discuss.

Rule: 62-701.630(4), 62-701.710(1)(d)1., 62-701.710(7)(a), 62-701.730(11)(a), 62-711.500(3), 62-713.600(6)(b), 62-713.600(6)(c)

Question Number: 1.9

Explanation: 12/14/2021 Inspection: At the time of inspection, the annual adjusted cost estimates were not submitted to the Department. Cost estimates were later submitted to the Department on January 4, 2022, however they were not approved by the Department due to the facility not being in compliance with permitted storage quantities and requirements.

1/25/2023 Inspection: An annual cost estimate update was due to the Department on December 3, 2022. At the time of the inspection, the annual update did not appear to have been submitted to the Department.

Corrective Action: Within fifteen (15) days of receipt of this Inspection Report please contact the Department to schedule a meeting to discuss.

Rule: 62-701.300(1)(a)

TIRE SHREDDERS OF AMERICA [FKA AMERICAN STEEL]

Inspection Date: 01/25/2023

Question Number: 9.1.1

Explanation: 12/14/2021 Inspection: At the time of inspection, the facility was not being operated in accordance with the approved Operations Plan or Site Plan. Department staff observed that there were at least 2 additional piles (incoming pile and truck tires). Piles appeared to exceed the permitted capacity and financial assurance. Additionally, processed sidewalls were observed on the eastern side of the property as well as aluminum and steel rims were stored on the property. De-rimming and sidewall cutting is not authorized at this facility. The conveyor tire shredder also was discharging tires to the ground rather than approved containers.

1/25/2022 Inspection: At the time of inspection, Department staff observed that the facility appeared to be operating within permitted capacity and the previous sidewall cutting activity appeared to have ceased. However, de-rimming activity was still occurring. Rims were being stored in a roll-off on the property for later disposal. Use of an additional pile for truck tires was still occurring; the truck tire pile was located near the scale. Department staff explained that this pile was not included on the current permitted site plan and would need to be removed.

At the time of inspection, a concrete pad, that was explained by a facility representative as being laid in October 2022, and approximately 100 by 70 foot, was observed. This pad was located within Retention Pond #2A. Per Section 2 (B) of Permit 391792-001WT/02, all construction needs to be done in accordance with the approved permit application documents. The Department must also be notified before any changes to the approved plans are implemented. The Department did not receive any notification nor approve any changes to the current site plan.

The rim storage roll-off along with additional site equipment, fill material, the new 100 by 70-foot concrete pad, and additionally processed waste tire material were all being stored within the area of Retention Pond #2A. As such, the current site plan is not being followed by the facility.

Activity, in addition to the approved shredding, was observed onsite in the form of a pile of more finely processed waste tire, which was being stored on the new concrete pad. Additional equipment, including equipment necessary to further process shred material, is not permitted under the current permit and site plan. As such, it is not authorized onsite under the current permit. Department staff let the facility representatives know that this material would need to be removed from site as it did not follow the permitted Operations Plan or Site Plan.

At the time of Inspection, the shredder system was nonoperational. However, processed waste tire shreds were observed to have been discharged directly onto the ground for later transport. In Permit 391792-001WT/02 Section 1. C states that, "all of the shredder's processed discharge will be conveyed directly into the hauling vehicles which will transport the processed tires for disposal at a permitted solid waste management facility." This is reiterated in the Operations Plan under Operational Procedures (3). Additionally, under the same sections of both the Permit and Operations Plan, the processed material is described as being cut into pieces that are, "3-inches wide, lengths varying from 3-inches to 9-inches" or at least into over 8 equal parts. Processed waste tires onsite at the time of inspection were observed as being larger than this.

Corrective Action: Within fifteen (15) days of receipt of Inspection Report please contact the Department to schedule a meeting to discuss.

Attachments:

TIRE SHREDDERS OF AMERICA [FKA AMERICAN STEEL]

Inspection Date: 01/25/2023

Rimmed Tires



De-Rimming Activity



Truck Tire Pile



Storage within Retention Pond



New Cement Pad



Additionally Proc Waste Tire



Inspection Date: 01/25/2023

Processed Tire



COMMENTS:

During the inspection, facility representatives showed a recently upgraded water truck that will be used to limit dust migration.

It was discussed at the time of inspection with the facility representatives that the facility has the intention of incorporating additional processing into their operations. It was explained by Department staff that current compliance issues would need to be addressed before any permit modifications could be made.

Item 9.14: Q1, Q2, Q3, and Q4 quarterly reports for 2022 were received and reviewed by the Department. Please make sure that all quarterly reports are submitted to the Department by the 20th of the month following the close of each calendar quarter. Additionally, the Department requested on site and in a follow-up email, the most recently completed month of incoming and outgoing load records. Please provide this to the Department within fifteen (15) days of receipt of this Inspection Report.

Item 9.11, and 9.12: At the time of inspection, a file review was completed for all required documents at the facility, including but not limited to, Operational Plan, Site Plan, Contingency Plan, and the most recent fire inspection. All records were current and on file in the main office building.

ATTACHMENTS:

Scale House



Waste Tire Pile



TIRE SHREDDERS OF AMERICA [FKA AMERICAN STEEL]

Inspection Date: 01/25/2023

Tire Shredder / Proc Tire Pile



Back of Tire Pile



Rear of New Pad



Rims Roll-off



Truck Tires / De-Rimming



Water Truck



TIRE SHREDDERS OF AMERICA [FKA AMERICAN STEEL]

Inspection Date: 01/25/2023

Signed:

Emily M Weaver

Inspector

PRINCIPAL INSPECTOR NAME**PRINCIPAL INSPECTOR TITLE**

DEP

02/14/2023

PRINCIPAL INSPECTOR SIGNATURE**ORGANIZATION****DATE**

Shayla Rhodes

Engineering Specialist III

REPRESENTATIVE NAME**REPRESENTATIVE TITLE**

NO SIGNATURE REQUIRED

DEP

REPRESENTATIVE SIGNATURE**ORGANIZATION**

NOTE: By signing this document, the Site Representative only acknowledges receipt of this Inspection Report and is not admitting to the accuracy of any of the items identified by the Department as "Not Ok" or areas of concern.

Tom Fanell

CEO

REPRESENTATIVE NAME**REPRESENTATIVE TITLE**

NO SIGNATURE REQUIRED

US Ironworks Co.

REPRESENTATIVE SIGNATURE**ORGANIZATION**

NOTE: By signing this document, the Site Representative only acknowledges receipt of this Inspection Report and is not admitting to the accuracy of any of the items identified by the Department as "Not Ok" or areas of concern.

Steve Roehrig

Site Manager

REPRESENTATIVE NAME**REPRESENTATIVE TITLE**

NO SIGNATURE REQUIRED

US Ironworks Co.

REPRESENTATIVE SIGNATURE**ORGANIZATION**

NOTE: By signing this document, the Site Representative only acknowledges receipt of this Inspection Report and is not admitting to the accuracy of any of the items identified by the Department as "Not Ok" or areas of concern.

Report Approvers:

Approver: Steve Tafuni

Inspection Approval Date: 02/20/2023

Exhibit B

Chamberlain, Justin

From: Robert Middleton <robertdemet@aol.com>
Sent: Sunday, January 10, 2021 2:02 PM
To: Chamberlain, Justin; housh@northsideengineering.net; tjfanell@usironworks.us
Cc: Morgan, Steve; Madden, Melissa; Wargo, Emily; cope@epchc.org; don@northsideengineering.net; housh@northsideengineering.net; burneys@epchc.org; aspc06@comcast.net
Subject: Re: U.S. Ironwork Waste Tire Processing Permit Application
Attachments: 0-updated-submittal-DEPemail20201201Binder2.pdf

Justin,

Attached are U.S. Ironworks responses to the DEP's follow-up questions in your email below dated 12/1/2020. Included in the attachment are the following:

- RAI Cover Letter - Narrative responses to DEP questions in email below
- DEP Application Form 62-701-900 - Updated the "target" schedule dates section 8, 9 of the form
- Site Layout Plan Drawing C4.1 - Updated to address questions in DEP email below
- Operations Plan - Updated to address questions in DEP email below
- Closure Cost Estimate - Requested revised closure cost quotation per DEP email below

Additionally, following from our telephone conversation on Jan. 7, 2021, U.S. Ironworks Company will proceed on basis of the revised closure cost estimate in this submittal, and will contact Mr. Tor Benjar to initiate the required financial assurance instrument.

Thanks again for assistance in this development and please feel free to contact me if you have any question.

Happy New Year to ALL!

Robert

Robert Middleton
U.S. Ironworks Company
Office: 631-499-1299
Fax: 904-485-8752
Cell: 516-384-7404
Email: robertdemet@aol.com

-----Original Message-----

From: Chamberlain, Justin <Justin.Chamberlain@FloridaDEP.gov>
To: Robert Middleton <robertdemet@aol.com>; housh@northsideengineering.net <housh@northsideengineering.net>; tjfanell@usironworks.us <tjfanell@usironworks.us>
Cc: Morgan, Steve <Steve.Morgan@FloridaDEP.gov>; Madden, Melissa <Melissa.Madden@FloridaDEP.gov>; Wargo, Emily <Emily.Wargo@FloridaDEP.gov>
Sent: Tue, Dec 1, 2020 5:08 pm
Subject: RE: U.S. Ironwork Waste Tire Processing Permit Application

Good afternoon Robert,

I hope your holiday went well. Please let this email stand as a follow-up to our virtual meeting from last week. As discussed in the meeting, it is anticipated you will submit a revised draft response. The following items should assist you in preparing your revisions for that draft response.

Please feel free to contact me (813) 470-5725 if you have any additional questions. Thanks.

- Regarding Response #1 in the draft cover letter from the draft response to RAI #2:

- The assembly of the processing equipment should be pending the issuance of the permit, not the approval of the application.
- Your follow-up email on November 25, 2020 indicated 12 tons on tires are onsite, holdovers from a prior project. Please note that all existing tires onsite need to be removed. As discussed in the meeting, enforcement for not removing these tires can result in fines.
- Regarding Response #2 in the draft cover letter:
 - The drawing will need to be signed and sealed. You will be sending a scanned hardcopy that bears the engineer's seal and signature.
 - As discussed, the site plan drawing will identify the marked/painted location of the inbound whole tire pile area.
- Regarding Response #3, the response will need to be revised to discuss how the site design and topography will adequately prevent residual-laden fire wash water from entering the wetlands using permanent controls such as concrete curbing, raised retaining wall and jersey barriers. Please update the contingency plan to include wording how these permanent controls (curbing, retaining wall, barriers, etc.) and topography will divert fire wash water away from the wetlands.
- Regarding Response #4 – Proof of Financial Responsibility: Once you are notified that the closure cost estimate is approved, you will need to work with the Department's Financial Assurance Group out of Tallahassee, FL. Tor Benjar is the contact person for this group. Please find his contact information here: Tor.Bejnar@dep.state.fl.us and (850) 245-8743. The FA website link: <https://floridadep.gov/waste/permitting-compliance-assistance/content/solid-waste-financial-assurance>
- Regarding Response #5 – No further comments.
- Regarding Response #6 – Please revise Operation Plan (Regulatory Permits) to indicate WACS ID No.: 105935.
- Regarding Response #7 and the supplemental quotes sent on 11/24/2020:
 - As discussed, please provide a 3rd party quote from a single vendor for removal, processing and disposal of whole waste tires.
 - The quote from Republic Services for hauling processed tires is sufficient. Please note that valid quotes will be needed at the time of the annual Financial Assurance estimate (after the term agreement expires for this quote, a new estimate will be needed).
 - Updates to Response #7 and the Closure Calculation Letter based on the 3rd party quote noted above.

Regards,
Justin



Justin Chamberlain, P.G.
Professional Geologist I

Florida Department of Environmental Protection
Solid Waste Permitting & Waste Cleanup
13051 N. Telecom Parkway, Suite 101
Temple Terrace, FL 33637-0926
Direct: (813) 470-5725 Main: (813) 470-5700
Email: Justin.Chamberlain@floridadep.gov

Note: All your favorite people at the FDEP have new email addresses (@floridadep.gov)! Please make sure to update your contact list!

For information on Solid Waste Permitting, please visit our [Solid Waste website](#):

For Waste Cleanup Program guidance and information, please visit our [Waste Cleanup website](#):

For information on the Florida Brownfields Redevelopment Program, please visit our [Brownfields website](#):

Permitting Consistency Initiative: The Florida Department of Environmental Protection is committed to providing efficient, consistent and quality service to the citizens of Florida.

In keeping with these objectives, we continue to identify ongoing improvements to our permitting process by standardizing and simplifying our documents.

From: Robert Middleton <robertdemet@aol.com>

Sent: Wednesday, November 25, 2020 1:35 PM

To: Chamberlain, Justin <Justin.Chamberlain@FloridaDEP.gov>

Cc: tjfanell@usironworks.us; Wargo, Emily <Emily.Wargo@FloridaDEP.gov>; housh@northsideengineering.net
Subject: U.S. Ironwork Waste Tire Processing Permit Application

Justin,

Thanks again for the time you and Ms. Emily have taken with us to review the RAI response yesterday. Following from the discussion I am awaiting the summary of points discussed so that we can follow up. I did discuss one of the points with our team already and wanted to update you. Basically, as we discussed in the meeting we have roughly 12 tons of tires on the site which were held over from the prior project we performed at the site under a Solid Waste Permit. We have not accepted any tires into the site but we do have these hold overs that we intended to use for testing of the shredder after the permit is issued. We need to test the shredder unit with the vendor on site to setup the machine correctly and support the vendor's warranty. We understand, following from our meeting discussion, that this issue of the held over tires would be reviewed with Mr. Morgan.

However, after our meeting, I have advised our team of the DEP's feedback on this point. What we have decided to do is to load the tires which are at the site on to a trailer so that nothing is on the ground. We will intend to maintain these tires in the trailer and would use them for the shredder testing after a permit is issued. If this is acceptable when you review with Mr. Morgan we would appreciate your confirmation. In the event this is not an acceptable condition please also advise us and we will have the trailer pulled and the tires disposed.

Another point I reviewed with our team is that DEP did request the target dates to be moved out with the start processing date being February 1, 2021. From our conversation it was clear that this date is an estimate and if the permitting process is completed prior to that date a permit can be issued. However, as you'd imagine, our team is very sensitive as we are required to make our rent payments to the landlord regardless of revenues generated from shredding, thus even the implication of moving the target date back has cause of economic viability for this development. Again, we do appreciate that the date is only a target and as noted in the meeting, DEP is working with us to process the permitting efforts without delay. However, I did wish to point out the critical nature of this issue is our incurred cost.

Again, we look forward to getting your meeting points summary and we'll address the points, by draft, asap.

Thanks again for the consideration and support and enjoy a Safe and Happy Thanksgiving Holiday!

Robert

Robert Middleton
U.S. Ironworks Company
Office: 631-499-1299
Fax: 904-485-8752
Cell: 516-384-7404
Email: robertdemet@aol.com





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P.O. Box 9220, Panama City, FL 32417, Office: 850-235-1727, Fax: 850-235-0517

January 11, 2021

Florida Department of Environmental Protection
Southwest District Office
13051 North Telecom Parkway, Suite 101
Temple Terrace, FL 33637

Re.: U.S. Ironworks Company
Waste Tire Processing Facility Permit Application #391792-001-WT/02
Hillsborough County, FL

Dear Sir:

Please see below U.S. Ironworks Company responses to Florida Department of Environmental Protection Request For Additional Information (RAI) dated November 13, 2020. References to DEP Form #62-701.900(23), F.A.C. refer to the referenced sections of the RAI Attachment: List of Requested Information.

Part I – General Information

- B.8 & B.9.:** The anticipated dates to start and complete construction were anticipated dates. Given the current delayed status, we have updated our forecast for equipment erection to start February 1, 2021 and completion February 13, 2021. Updated forecast for start of commercial acceptance of tires is February 15, 2021 and processing February 22, 2021. U.S. Ironworks has ordered equipment and previously owned most of the equipment which will be employed in the tire processing operations. That equipment is staged at the site currently and has been previously used at the site for other prior operations. The erection of the processing equipment is pending the issuance of the permit. No tires are accepted nor currently staged on the site premises.

Part III – Attachments

- A.2. Site Plan Drawing C4.1:**
 - The Site Plan Drawing, C4.1, submitted is signed and stamped electronically. Apparently the signature and stamp are not visible in the consolidated PDF



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document sent. A separate standalone version of the C4.1 drawing is provided herewith. We would appreciate confirmation that electronic signature is visible in the attached standalone drawing. If not visible we will have engineer physically stamp and sign drawing and forward to DEP.

- b. The inbound storage pile calculation has been updated and is attached herewith. The whole tire storage pile will be maintained in accordance with Rule 62-711-540(3)(b) (Operational Plan, Operations Procedures para. 5, attached).

3. B.5 – A description of how the operator will maintain compliance with the storage requirements of Rule 62-711.540, F.A.C.

In compliance with the referenced Rule paragraph (3)(a), a tire site “...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...” As described in the U.S. Ironwork Operations Plan (Operational Procedures para. 1) included as attachment to the subject application, the shredder unit produces a primary cut of shred material with no residues in the cut. Given the design of the shredder that produces no residues and further given that discharges from the shredder will go to trucks (not to ground) and these shredded materials will be hauled out to disposal, this site design and operations provides for permanent controls that will not impact existing water quality. Additionally, the site layout and design provides that stormwater and floodwaters are diverted away from the tire storage piles. As part of emergency contingencies residual-laden fire water discharged on to the site area are also managed to prevent from impacting existing water quality. Referring to the site Topographic Survey dated 9/9/2020, the site topographic provides for drainage away from the tire pile and towards site drains and stormwater sediment basins. Further the site layout incorporates a drainage system design using the site topography, raised concrete curbing, drainage barriers, and Jersey barrier blocks for diversion of waters to prevent from entering on to wetland areas.

4. D. – Proof of Financial Responsibility:

U.S. Ironworks will provide proof of financial responsibility as required by DEP.

5. Operational Procedures – Section 5



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P.O. Box 9220, Panama City, FL 32417, Office: 850-235-1727, Fax: 850-235-0517

The operations plan and application form will be updated per the revised attached calculation for tire pile storage.

Regulatory Permits

6. WACS ID No.: will be changed to 105935. The Waste Tire Collector IDs will be deleted.

Closure Calculation Letter, dated October 9, 2020 – Rule 62-711.500(3), F.A.C.

7. An updated quotation for closure cost management has been obtained to include the removal, processing, hauling, and disposal of whole waste tire. A copy of the updated quote is included along with the engineer's certification letter. In accordance to the applicable rule 62-711.500(3), the cost estimate shall be re-estimated at least annually and submitted to the Department at least 60 days prior to the anniversary date of the financial assurance instrument.

We appreciate the Department's consideration of this development. Please feel free to contact me at 516-384-7404 if you have any questions.

Sincerely,

A handwritten signature in black ink that reads 'R. D. Middleton'.

R. D. Middleton
V. P. Marketing

cc: T. Fanell - CEO



Florida Department of Environmental Protection

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

DEP Form #62-701.900(23)
Form Title: Waste Tire Processing Facility Permit Application
Effective Date: January 6, 2010
Incorporated in Rule 62-711.530(6)

Waste Tire Processing Facility Permit Application

Permit No. _____

Renewal Modification Existing unpermitted facility Proposed new facility

Part I-General Information:

A. Applicant Information:

- Applicant Name: U.S. Ironworks Company
- Applicant Street Address: 328 Wahoo Road
- City: Panama City Beach County: Bay County Zip: 32417
- Applicant Mailing Address: P.O. Box 9220
- City: Panama City Beach County: Bay County Zip: 32417
- Contact person: Robert Middleton Phone: 516-384-7404 FEID No: 27-2489753

7. Have any enforcement actions been taken by the Department against the applicant relating to the operation of any solid waste management facility in this state? This includes any Complaint, Notice of Violation, or revocation of a permit or registration, as well as any Consent Order in which a violation of Department rules is admitted. It does not include a Warning Letter, Warning Notice, Notice of Noncompliance, or other similar document which does not constitute agency action.
 Yes No If yes, attach a history and description of the enforcement actions.

B. Facility Information:

- Facility Name: Tire Shredders Of America
- Facility Street Address (Main Entrance): 6902 East 6th Avenue
- City: Tampa County: Hillsborough Zip: 33619
- Facility Mailing Address: P.O. Box 9220
- City: Panama City Beach State: FL Zip: 32417
- Contact Person: Robert Middleton Phone: 516-384-7404
- Facility Location Coordinates:
 Section: 14 Township: 29S Range: 19E
 Latitude: 27d, 57' 36.9648" N Longitude: 82d, 22' 41.5488" W
- Anticipated date for starting construction Feb. 1, 2021 and for completion of construction Feb. 13, 2021
- Anticipated date for receipt of tires Feb. 15, 2021 and for start of processing Feb. 22, 2021

Mail completed form to appropriate district office listed below

Northwest District
160 Government Center
Pensacola, FL 32501-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7590
904-807-3300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
13051 N. Telecom Pky
Temple Terrace, FL
813-632-7600

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
239-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6600

C. Land Owner Information (if different from applicant):

1. Owner's name: Levant Enterprises, LLC
2. Land owner's mailing address: P.O. Box 75301
3. City: Tampa State: FL Zip: 33675
4. Authorized Agent: Lee Levant Agent's phone (813)629-6151
5. Current lease expires: January 14, 2027

D. Facility Operator Information (if different from applicant):

1. Operator's name: _____
2. Operator's mailing address: _____
3. City: _____ State: _____ Zip: _____
4. Contact person: _____ Phone: () _____

E. Preparer of Application:

1. Name of person preparing application: Robert Middleton
2. Mailing address: P.O. Box 9220
3. City: Panama City Beach State: FL Zip: 32417
4. Phone: (516)384-7404
5. Affiliation with facility: VP Marketing

Part II-Operations:

A. Facility type (check appropriate box):

- Waste tire processing facility.
- Waste tire processing facility with on-site disposal of processed tires or processing residuals.
- Waste tire processing facility with on-site consumption of waste tires or processing residuals.
- Permitted solid waste management facility modification to allow waste tire site and processing.

B. Type of processing facility (check as many as apply):

- Shredder Cutter Chopper Incinerator only Incinerator with energy recovery
 Pyrolysis Supplemental fuel user Other, explain _____

C. Storage: Indicate the maximum quantities of whole waste tires, processed waste tires, and processing residuals, expressed in tons, to be stored at the facility, in accordance with Rule 62-711.530(2), F.A.C.

	Outdoor Storage(tons)	Outdoor Storage (sq.ft)	Indoor Storage (tons)	Indoor Storage (sq.ft)	Total Storage (tons)
Whole waste tires:	<u>80</u>	<u>2,500</u>	<u>0</u>	<u>0</u>	<u>80</u>
Processed tires:	<u>40 (in truck)</u>	<u>640</u>	<u>0</u>	<u>0</u>	<u>40 (in truck)</u>
Processing residuals:	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
TOTALS:	<u>120</u>	<u>3,140</u>	<u>0</u>	<u>0</u>	

D. For reporting quantity of tires in tons, tires will be: weighed on site weighed off site
weights will be calculated

E. Facilities that will not be disposing of processed tires or processing residual on the facility site must indicate the permitted solid waste management facility where processed tires or residuals will be disposed.

1. Name of facility Republic Services Cedar Trails Landfill

2. Street address: 2500 State Road 60 West

3. City: Bartow County: Polk Zip: 33830

F. Facilities that will be delivering processed tires to consuming facilities must describe the existing or proposed markets for those processed tires.

Full stream of processed shredded tires will be disposed.

Part III-Attachments:

A. Facility design

NOTE: All maps, plan sheets, drawings, isometrics, cross sections, or aerial photographs shall be legible; be signed and sealed by a registered professional engineer responsible for their preparation; be of appropriate scale to show clearly all required details; be numbered, referenced to narrative, titled, have a legend of symbols used, contain horizontal and vertical scales (where applicable), and specify drafting or origination dates; and use uniform scales as much as possible, contain a north arrow and use NGVD for all elevations.

1. A topographic or section map of the facility, including the surrounding area for one mile, no more than one year old, showing land use and zoning within one mile of the facility
2. A plot plan of the facility on a scale of not less than one inch equals 200 feet. At a minimum, the plot plan shall include
 - a. The facility design, including the location and size of all storage and processing areas for used tires, unprocessed waste tires, processed waste tires, and waste tire processing residuals;
 - b. All wetlands and water bodies within the facility or within 200 feet of any storage area;
 - c. Stormwater control measures, including ditches, dikes, and other structures;
 - d. Boundaries of the facility, legal boundaries of the land containing the facility, and any easements or rights of way that are within the facility or within 200 feet of any storage area;
 - e. Location, size, and depth of all wells within the facility or within 200 feet of any storage area;
 - f. All structures and buildings that are, or will be, constructed at the facility; include those used in storage and processing operations;
 - g. All areas used for loading and unloading;
 - h. All access roads and internal roads, including firelanes;
 - i. Location of all fences, gates, and other access control measures; and
 - j. Location of all disposal areas within the facility.

B. Facility operation.

1. A description of the facility's operation, process and products including how waste tires will be received and stored.
2. A description of the equipment used for processing tires. This description shall include the make, model, and hourly capacity of each piece of equipment.
3. Description of the waste from the process, the amount of waste expected and how and where this waste will be disposed of.
4. Statement of the maximum daily throughput and the planned daily and annual throughput.
5. A description of how the operator will maintain compliance with each of the storage requirements of Rule 62 - 711.540, F.A.C.
6. A copy of the emergency preparedness manual for the facility with a statement of the on site and off site locations where that manual will be maintained.
7. A copy of the fire safety survey
8. A description of how 75% of the annual accumulation of waste tires will be removed for disposal or recycling.

C. Completed closing plan for the facility as required by Rule 62-711.700(2) and (3), F.A.C.

- D. Attach proof of financial responsibility as requirement by Rule 62-711.500(3) OR a calculation showing that financial assurance documents, currently on file with the Department, are sufficient to assure closing of the waste tire site as well as any other solid waste management facility at that location.
- E. A letter from the land owner (if different from applicant) authorizing use of the land as a waste tire processing facility.
- F. If waste tires will be consumed or disposed of at the facility, attach a description of the other environmental permits that the applicant has for this use, including, permit number, date of issue, and name of issuing agency
- G. The permit fee as required in Rule 62-4, F.A.C.

Part IV-Certification:

A. Applicant:

The undersigned applicant or authorized representative of U.S. Ironworks Company
 Is aware that statements made in this form and attached information are an application for a
 Waste Tire Processing Permit from the Florida Department of Environmental Protection and certifies that
 The information in this application is true, correct and complete to the best of his knowledge and belief.
 Further, the undersigned agrees to comply with the provisions of Chapter 403, Florida Statutes, and all rules and
 regulations of the Department. It is understood that the Department will be notified prior to the sale or legal transfer
 of the facility.

Thomas J. Fanell
 Signature of Applicant or Authorized Agent

Thomas Fanell - CEO
 Name and Title

10-13-2020
 Date

B. Professional Engineer registered in Florida.

This is to certify that the engineering features of this waste tire processing facility have been
 Designed/examined by me and found to conform to engineering principals applicable to such facilities. In my
 professional judgment, this facility, when properly maintained and operated will comply with all applicable statutes of
 the State of Florida and rules of the Department. It is agreed that the undersigned will provide the applicant with a
 set of instructions for proper maintenance and operation of the facility.

Donald B Fairbairn
 Signature

Donald B. Fairbairn, PE
 Name and Title

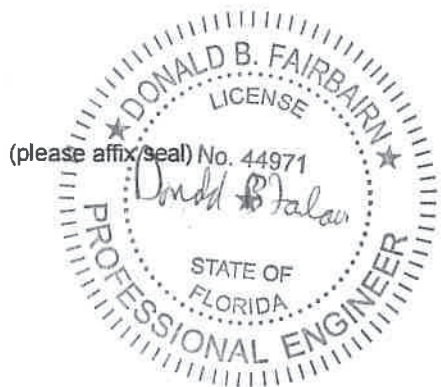
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 Florida Registration Number

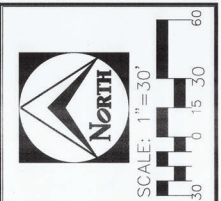
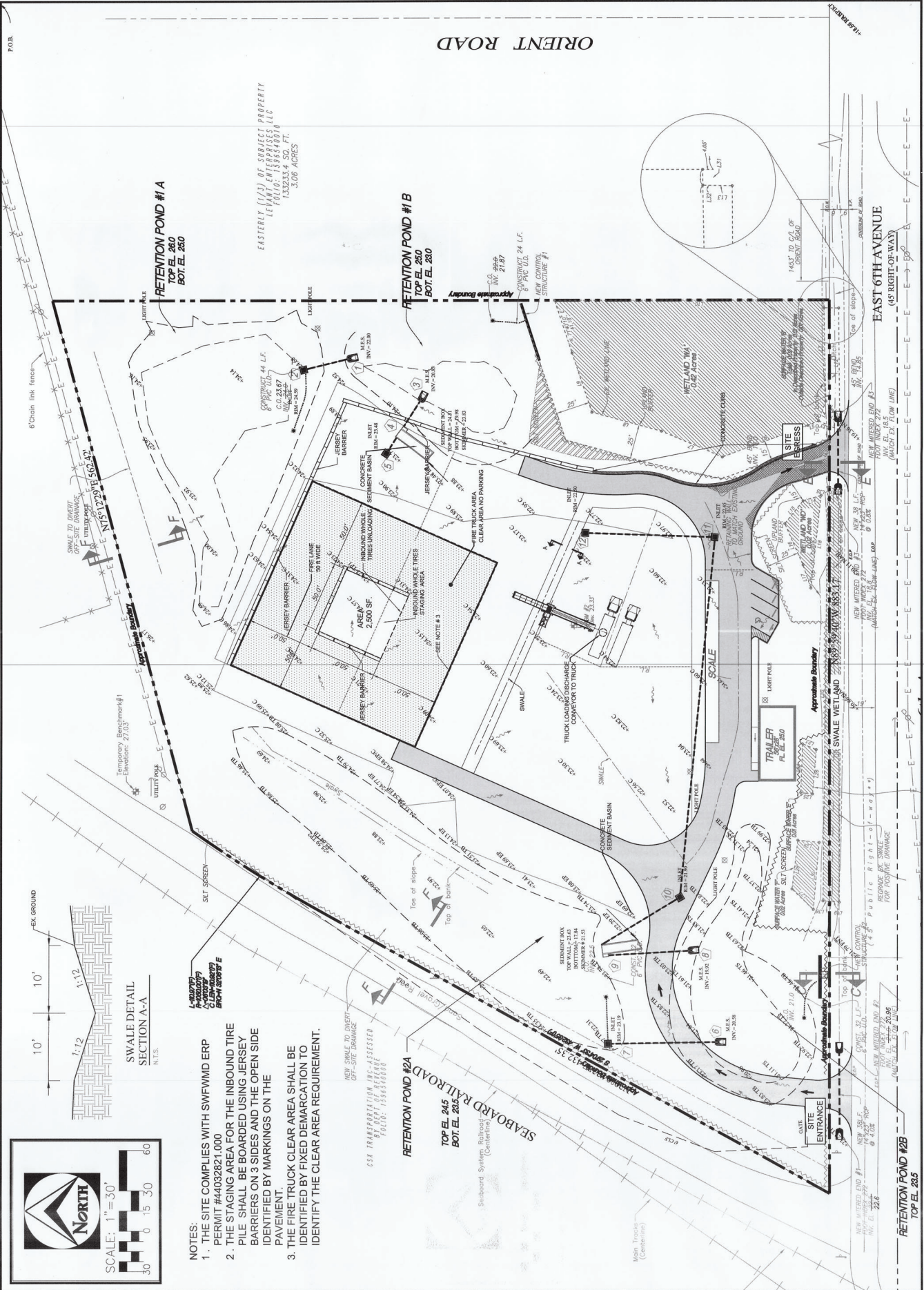
Northside Engineering, Inc, 300 South Belcher Road
 Mailing Address

Clearwater, Florida 33765
 City, State, Zip

727-443-2869
 Telephone number

10/13/2020
 Date





- NOTES:
1. THE SITE COMPLIES WITH SWFWMD ERP PERMIT #44032821.000
 2. THE STAGING AREA FOR THE INBOUND TIRE PILE SHALL BE BOARDED USING JERSEY BARRIERS ON 3 SIDES AND THE OPEN SIDE IDENTIFIED BY MARKINGS ON THE PAVEMENT.
 3. THE FIRE TRUCK CLEAR AREA SHALL BE IDENTIFIED BY FIXED DEMARCATION TO IDENTIFY THE CLEAR AREA REQUIREMENT.

ORIENT ROAD

EAST 6TH AVENUE
 (45' RIGHT-OF-WAY)

SEABOARD RAILROAD

RETENTION POND #2B
 TOP EL. 28.5

RETENTION POND #A
 TOP EL. 28.0
 BOT. EL. 26.0

RETENTION POND #B
 TOP EL. 28.0
 BOT. EL. 26.0

EASTERLY (1/3) OF SUBJECT PROPERTY
 LEVANT ENTERPRISES LLC
 FOLIO: 38930010
 13,383.54 SQ. FT.
 3.06 ACRES

NEW CONTROL
 STRUCTURE #1

NEW CONTROL
 STRUCTURE #2

NEW CONTROL
 STRUCTURE #3

NEW CONTROL
 STRUCTURE #4

NEW CONTROL
 STRUCTURE #5

NEW CONTROL
 STRUCTURE #6

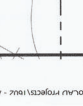
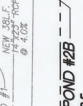
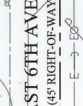
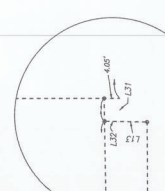
NEW CONTROL
 STRUCTURE #7

NEW CONTROL
 STRUCTURE #8

NEW CONTROL
 STRUCTURE #9

NEW CONTROL
 STRUCTURE #10

NEW CONTROL
 STRUCTURE #11



US **IRON WORKS CO.**

PO BOX 9220 PANAMA CITY FL 32417
850-235-1727

Processing Location:

Tire Shredders of America (T.S.A.)
6902 East 6th Avenue
Tampa, FL 33619

Primary Contact:

Robert Middleton
Phone #: 516-384-7404

General Site Information:

1. Operating hours: M – F: 7 a.m. to 5 p.m., Saturday: 7 a.m. to 3 p.m.
The site will only accept inbound waste tires during operating hours and when the site is fully attended.
2. Signage shall be posted at the site gate indicating the operating hours, the tipping fee at the facility, and site rules. The entrance way to the site shall be maintained clear to prevent traffic backups.
3. Primary Site Equipment and Configuration:
 - a. Primary equipment will consist of a dual auger shredder (see specification details, make, and model attached). Additional processing equipment will include feed and discharge conveyors. Other site ancillary equipment will include a de-reamer. The shredder will be electric operated supplied by diesel generator set.
 - b. The site area consists of approximately 6 acres with approximately 5 acres dedicated to the tire processing operations. Approximately 0.0574 acre (approx. 8,000 tires) is dedicated to inbound staging of whole tires. Shredded tire materials shall be discharged and held in trucks at the site and will not be stored or staged on the site grounds. Two trailer trucks will be maintained providing approximately 40 tons staging capacity for the processed shredded tires.
 - c. The site layout and design provides that stormwater and floodwaters are diverted away from the tire storage pile. The site topographic provides for drainage away from the tire pile and towards site drains and stormwater sediment basins. Further the site layout incorporates a drainage system design using the site topography, raised concrete curbing, drainage barriers, and Jersey barrier blocks for diversion of waters to prevent from entering on to wetland areas. As part of emergency contingencies residual-laden fire water discharged on to the site area

are also managed to prevent from impacting existing water quality (see section Contingency Plan below).

- d. Rolling stock at the site will include one front-end wheel loader and two grapple cranes for handling and feeding the tire materials, one skid-steer for site cleanup and materials handling.
- e. A spare parts and consumable materials storage container is included at the site. The container is secured and locked.
- f. The site includes a truck weigh scale.
- g. Site includes an office building with facilities for site personnel.

Operational Procedures:

1. The tire processing center will accept whole waste tires for processing and ultimate disposal. Inbound whole tires will be delivered by truck from third party commercial tire collectors as well as by our own company trucks and discharged at the site in a designated unloading area. The whole tires will be processed daily through the shredder system and the shredded material will be staged for loading and hauling to off-site disposal. The shredder is a "primary" shredder designed to cut rubber tires to 3 inch width pieces with length varying 3 inch to 9 inch and with diminimus residuals (less than 1%). All of the shredder's processed discharge materials will be discharged directly to trucks, without materials going to the ground, and these materials shall be controlled, collected, and disposed in a permitted solid waste management facility. Each shredded tire shall be cut into over 8 parts for purposes of disposal.
2. Other than waste tires, no other materials or waste material are accepted at the tire processing center. In event any unauthorized materials are incidentally delivered to the tire processing center, operator shall isolate off the unauthorized material for appropriate management.
3. Processed shredded tires will be discharged directly into the hauling vehicles for delivery to approved landfill disposal sites. The outbound loading for transport to disposal will be 2 trucks per day (weekdays). At this hauling rate the facility will remove approximately 10,000 (=250 day/yr x 40 tons per day) tons per year, and shall achieve a minimum of 75 percent of the annual inbound waste tires delivered to the site.
4. Weights for both inbound whole tires and outbound shredded tires will be established at the tire processing center. Each inbound delivery vehicle will be weighed, contents inspected, and originating documents checked prior to discharge of the material. Deliveries of greater than 25 tires shall only be accepted from registered Waste Tire Collectors with decals verified at delivery. Each outbound vehicle will be weighed and provided proper documents for delivery to disposal.
5. Inventories at the site shall be approximately:

Inbound whole tons:	50 per day (avg)	80 (max. staged)
Processed shred tons :	40 per day (avg)	40 (max. staged in trucks)

A single storage pile for inbound whole tires shall be maximum of 50 feet wide, 13 feet high, and 2,500 square-feet of area. No waste tires shall be maintained on the site for

more than 30 days. (A 50 –foot unobstructed fire lane shall be maintained about the perimeter of tire piles at all times.)

The shredder processing capacity is rated at 15-20 tons per hour and the site anticipates processing approximately 50-100 tons per day sufficient for the management of the estimated daily streams. Anticipated annual delivery to the facility is 12,000 tons per year.

Records of the all material delivered to, transported from, and inventoried at the tire processing center are maintained daily and tabulated for reporting on a monthly basis and such records are available to agencies having jurisdiction upon request. Such records are generated using the aforementioned weigh scale data and historical records are maintained. All site operations records and data are maintained off-sites at the company main offices.

6. Operations at the tire processing center provide for daily site maintenance including:
 - a. Equipment inspections for operational readiness and to insure equipment properly maintained.
 - b. Site areas are provided with litter control devices and any site trash is cleaned daily. The tire processing center gets twice weekly garbage pickup services. No putrescible waste shall be maintained at the site. The site shall be maintained in a clean manner to prevent and control rodents. Additionally, the site shall maintained free of any flammable vegetation or underbrush.
 - c. Areas of standing or trapped water shall be mitigated to control mosquitoes.
 - d. Access to the tire processing center shall be control by entrance and exit access gates to the public roads and such access shall be restricted to posted operating hours when tire processing operator staff is on duty.
 - e. No materials which will generate objectionable odors are managed at the tire processing center. Oils and lubricates are maintained closed containers and enclosed and secured storage.
 - f. Adequate fire protection is maintained with extinguishers located at the tire processing center site. A fire safety survey shall be conducted annually and the report completed and submitted to required agencies as well as maintained in company records.
 - g. Under this operating plan annual employee training shall be conducted for all employees of the tire processing center. Training shall be conducted by qualified supervisory personnel. Each employee shall sign off attendance to the training and a training log shall be maintained for record and inspection at the tire processing center.
 - h. The tire processing center design includes a drainage control system to manage and control stormwater. Operational practices for stormwater management include regular cleaning and changing site drain filters. All site drains are inspected on a periodically and maintained.
 - i. Spill cleanup materials are maintained on site to immediately clean any incidental spills or leaks. No equipment is washed down on the site, fluids are stored in secured building.

7. Tools and consumables are maintained in a secured storage trailer on site. The tire processing center maintains three (3) 500 gallon fuel tanks on the site.

Contingency Plan

As part of this Operational Plan, the tire processing center shall maintain the following procedures to address contingency situations such as emergency preparedness for fire, explosions, or natural disasters and storm conditions. Each employee at the tire processing center shall be aware and trained on the procedures that shall be implemented during an emergency situation. Under this Contingency Plan the following shall be acknowledged:

1. The site superintendent shall be responsible for implementation of the Contingency Plan.
2. Employees are required to advise to the site superintendent any observation requiring an exigent response. With such advice to the site superintendent, superintendent shall determine the response and determine if the operations of the tire processing center and its equipment shall be shutdown. Communications from the site shall be maintained by telephone land line and the site superintendent shall maintain cell phone service and either may be use in contingencies requiring contact for emergency response. The site superintendent shall maintain an outcall list to notify the fire department and applicable agencies as to the specific emergency situation. The site superintendent shall notify the generation sites and the haulers that the tire processing center has ceased accepting materials until such time that the emergency condition is resolved.
3. No operations involving the use of open flames shall be conducted within 25 feet of the tire staging areas.
4. Specific actions related to fire contingencies shall be:
 - a. Contact information for the local Fire Department shall be available to all employees. The location and contact information for the local fire response house is provided attached to this plan.
 - b. A fire safety survey shall be conducted annually and survey report shall be part of the next quarterly site report.
 - c. The location of fire extinguishers shall be ostensibly available and such locations advised to employees. Fire extinguishers are located and maintained in following areas: 1) office area, 2) tool and parts storage building, 3) at each fuel storage tank, 4) on each unit of mobile operating equipment.
 - d. Employees shall be trained in the use of fire extinguisher equipment for the purpose of managing small contained fires that can be controlled within 1 hour. If the fire cannot be extinguished in 1 hour the emergency plan shall be implemented and the site superintendent shall immediately initiate the call procedures for emergency notifications per item 2 above.
 - e. NO EMPLOYEE SHALL RESPOND TO FIGHT A LARGE FIRE. ALL EMPLOYEES SHALL BE DIRECTED TO GATHER AT A LOCATION OUTSIDE FROM THE TIRE PROCESSING CENTER AND THE SITE SUPERINTENDENT SHALL BE RESPONSIBLE TO CONFIRM ALL EMPLOYEES ARE ACCOUNTED FOR.

- f. In the event of a Fire Department response to a fire with the use of liquid extinguishing agents, the site superintendent shall be responsible to take the following steps for the cleanup of any undissolved agent from the site area:
- i) The site drains shall be immediately covered to prevent release of any laden liquid residue into the storm water drainage system. Drain covers shall be ostensibly available and such locations advised to employees.
 - ii) The site shall employ services of clean-up contractor to remove residual-laden fire water and fire extinguishing materials.
 - iii) The site shall be cleaned prior to removal of drain covers to ensure the maintenance and operation of the storm water drainage systems.
5. In the event of an anticipated emergency condition (i.e., severe storm event) the tire processing center shall shutdown operations and the site secured to mitigate the impact to the tire processing center equipment and minimize any impacts to surrounding areas within 16 hours from the forecasted event. In preparation for a pending emergency, the site superintendent shall advise to the company management any needs for extra manpower support and/or extra equipment support that may be required to secure the tire processing center for the event and to prepare for any anticipated resources needed to recovery from the pending event.
6. The site management shall notify the authorities (including FL-DEP) immediately in the event of a contingency or emergency which poses an unanticipated threat to the public health or the environment. Within two weeks of any emergency, the site operator shall submit to agencies, as required, a written report on the emergency. The agency report shall include the origins of the emergency, the actions there 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.

Closure Plan

Upon completion of the work at the site and under the terms of termination of the lease agreement, tire processing operator shall be responsible to leave the site in well maintained conditions with normal wear and tear under the lease terms. Additionally, and to be consistent with the lease requirements tire processing operator shall:

1. Notify the "authorities" ("including EPC, DEP, etc.") in writing prior to ceasing operations, and shall specify a closing date. No materials will be received by tire processing center after the closing date.
2. The tire processing center shall cease accepting inbound whole tires a minimum of 30 days prior to the closing date. All inbound whole tires shall be processed prior to the abeyance of the shredding operations. The operator shall remove all processed tire materials from the site.
3. Within 30 days of receipt of the final materials at the tire processing center, remove all product materials and shall additionally remove or dispose of all wastes and residues that or staged at the tire processing center with putrescible waste managed in accordance with applicable regulations.

4. Shall notify to authorities that closure will be completed within 180 days after receiving the final materials shipments, that closure will include removal of all recovered materials from the tire processing center, as well as performing any contamination evaluation required by applicable regulation and shall certify in writing to authorities when closure is complete.

Regulatory Permits

Agency: Florida Department of Environmental Protection
Reference: WACS ID: 105935
Activity: Waste Tire Processing Facility Permit
Status: Application in review

Agency: Southwest Florida Water Management District
Reference: 44032821.000
Activity: Operations
Status: Renewal required

Agency: Florida Department of Environmental Protection
Reference: FLR05H923-001
Activity: Industrial Stormwater (SWPPP)
Status: Renewal required

Pictures of the Tire Processing Center Site for review/reference:



Tools and consumables storage trailer.



Office trailer



Truck weigh scale

Northside

Engineering Inc.

Civil
Land Planning
Due Diligence Reports
Re-Zoning, Land Use, Annexation
Stormwater Management
Utility Design
Traffic
Construction Administration

December 14, 2020

U.S. Ironworks Company
328 Wahoo Road
Panama City Beach, Florida 32417

Re.: Closure Calculation

This letter will provide the required Site Closure Calculation which is a requirement of Part III D A, Florida Department of Environmental Protection, Waste Tire Processing Facility Permit Application.

Facility Name & Address: Tire Shredders of America
6902 East 6th Avenue
Tampa, Florida 33619
Hillsborough County
Section 14, Township 29S, Range 19E

In the event of plant closure, the maximum materials permitted at the site would be:

Site Material Inventory: 80 tons inbound whole tire storage in 2,500 sq ft, pile
40 tons shredded rubber staged in two trailers (trailers 320 sq ft each)
Total Material Staged on Site for Closure Disposal: 120 tons

Northside Engineering has reviewed the attached Environmental Waste Tire Recycling Inc. letter dated 12/14/2020 for the disposal of waste tires from the referenced site. Based on our review the price proposed covers the supply of equipment and loading of tires from the referenced site and including the ultimate disposal for the tires. The referenced disposal price at \$120.00 per tons represents a full-service market disposal rate.

In the event of a closure of the US Ironworks operations the price of \$120/ton is sufficient to perform the services in the current prevailing market. Assuming, on a worst-case basis, that the vendor would process 120 tons of the total allowed tires staged at the site, the estimated cost of management of the scrap tires is \$14,400. We would suggest using \$15,000 as the estimate for closing cost.

Respectfully,



Donald B. Fairbairn, P.E.
Northside Engineering Inc.

300 South Belcher Road
Clearwater, Florida 33765
727 443 2869 Fax 727 446 8036





Environmental Waste Tire Recycling Inc.

www.Ewtri.com

813-891-4111

813-627-4111

378 Douglas Road

Oldsmar FL 34677

December 14, 2020

Tires Shredders America

6902 East 8th Ave

Tampa FL 33619

Dear Tom,

You recently inquired about our tire disposal services. In the event you might need our services in the future, we can provide to dispose of your tires at our current rate of \$120.00 per ton.

We currently have two trucks FDEP Decal numbers 509 and 510, each truck can handle roughly ten to twelve tons per load. We have an agreement with Angelo's Recycled Materials, located at 39699 Enterprise Road, Dade City, FL 33525, to dispose of tires.

If you have any further question or need services, please feel free to contact me at the number listed above.

Sincerely,

Silvio Reali

President