



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: Tire Recycling Corp.
- Applicant Street Address: 4925 Industrial Lane, Suite 101
- City: Kissimmee County: Osceola Zip: 34758
- Applicant Mailing Address: 4925 Industrial Lane, Suite 101
- City: Kissimmee County: Osceola Zip: 34758
- Contact person: Frank Veliz Phone: () 407-552-8887 FEID No: _____

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 Recycling Corp.
- Facility Street Address (Main Entrance): 4925 Industrial Lane, Suite 101
- City: Kissimmee County: Osceola Zip: 34758
- Facility Mailing Address: 4925 Industrial Lane, Suite 101
- City: Kissimmee State: Florida Zip: 34758
- Contact Person: Frank Veliz Phone: (407) 552-8887
- Facility Location Coordinates:
 Section: 02 Township: 26 South Range: 28 East
 Latitude: -81.48027 Longitude: 28.25185
- Anticipated date for starting construction _____ and for completion of construction _____
- Anticipated date for receipt of tires October 1, 2021 and for start of processing February 2022

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: Hanover Poinciana McClane, LLC
2. Land owner's mailing address: 4925 Industrial Ln, Suite 101
3. City: Kissimmee State: FL Zip: 34758
4. Authorized Agent: Frank Veliz Agent's phone (407)552-8887
5. Current lease expires: 7/12/2031

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: John P. Smith, PE
2. Mailing address: HSA Golden, Inc, 11 Lake Gatlin Road
3. City: Orlando State: FL Zip: 32806
4. Phone: (407)649-5475
5. Affiliation with facility: Consulting Engineer

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>0</u>	<u>0</u>	<u>110</u>	<u>10,800</u>	<u>110</u>
Processed tires:	<u>0</u>	<u>0</u>	<u>100</u>	<u>1,600</u>	<u>100</u>
Processing residuals:	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
TOTALS:	<u>0</u>	<u>0</u>	<u>210</u>	<u>12,400</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 All parts of the shredded tire, including residuals, will be sold to different vendors. There will be no waste to be disposed.
2. Street address: _____
3. City: _____ County: _____ Zip: _____

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

Unusable tires will be going through the shredding system where it will be sold as either TDF, Mulch, or Crumb.
Reusable tires will be resold as whole sale to tire businesses in state or exported out to clients already established under Action Tire in Kissimmee, FL.

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:

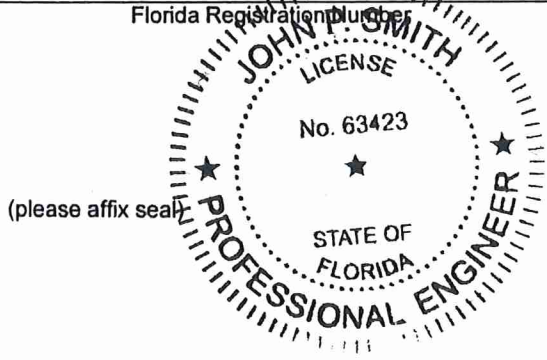
The undersigned applicant or authorized representative of Tire Recycling Corp.
 Is aware that statements made in this form and attached information are an application for a
Waste Tire Processing Facility Permit from the Florida Department of Environmental Protection and certifies that
 The information 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.

[Signature] Frank Veliz, Director 5-17-22
 Signature of Applicant or Authorized Agent Name and Title 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.

[Signature] HSA Golden, 11 Lake Gatlin Road
 Signature Mailing Address
John P. Smith, PE Orlando, Florida 32806
 Name and Title City, State, Zip
PE 63423, FBPE 9915 407-649-5475
 Florida Registration Number Telephone number



5/25/2022
 Date



Tire Recycling Corp Emergency Preparedness Manual

1. Introduction

Tire Recycling Corp facility is located in the Trinity Industrial park in the city of Kissimmee. This site will be processing waste tires to repurpose for their raw material.

2. Purpose and Scope

The purpose of this manual is to provide information and guidance for responses to emergency incidents (fire) at the Tire Recycling Corp waste tire collection, storage, and processing.

This manual addresses all facets of activities at the waste tire site. This manual, however, will be subjected to review by fire fighting agencies in the County and will be updated as the situation dictates.

3. Site Function and Limitations

The purpose for establishing this site is to provide the County residents and County businesses with a means by which they can safely dispose of their waste tires in an environmentally sound manner. By doing so, removing a fire hazard and reducing or eliminating mosquito breeding grounds can be achieved in the city of Kissimmee. An additional benefit is the utilization of chipped waste tires as fuel and other applications such as mulch.

The waste tire site is designed to safely accommodate a relatively large number of waste tires. The site may also be used for educational purposes and visited by a number of school children and other institutions. Tires are stored for a minimum amount of time and always processed as soon as possible. No waste of any kind is generated at the site.



4. Site Description

The waste tire collection and storage facility is approximately 59,649 square feet and is located on Industrial Lane east of Poinciana Blvd. at the Trinity Industrial Park center. All tires will be stored inside the facility which will have controlled access to employees only. Tires will be received by employees through the loading bays located at the back of the facility. Shredded tires will be stored outside behind the building in secured super bags.

Tires will be stored in accordance to Rule 62-711.540, F.A.C. The site is equipped with a fire suppression system that covers the entirety of the inside of the building. The area is surrounded by paving and is clear from any flammable source such as woods that may cause fire spreading.

The site is open to the public six days a week. Hours of operation and fee schedules are posted at the entrance to the office.

The waste tire collection and storage will be manned by site attendants who are in constant communication by radio with each other. Fire protection equipment is stored at the storage area, inspected and certified twice a year, and is readily available for usage in case of a fire.

5. Emergency Preparedness

Local authorities have been notified and will be kept apprised of the operations at the waste tire collection and storage site. The site is inspected by the fire marshal on an annual basis. A copy of this plan is posted at the office. Waste tire inventory is taken on a daily basis. Monthly statistics are maintained within our office.

Emergency Agencies:

Local Police Department: (407) 846-3333
8 N Stewart Ave,
Kissimmee, FL 34741

Local Fire Department: (407) 518-2222
101 Church St #200,
Kissimmee, FL 34741

Local Fire Tower: (407) 742-6930
Osceola County Fire Rescue Station 64
2000 N Poinciana Blvd
Kissimmee FL, 34746



Local Hospital:

Osceola Regional
(407) 846-2266
700 W Oak St,
Kissimmee, FL 34741

Environmental:

Florida Department of Environmental Protection
(813) 632-7600
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926

Every effort is made to operate the site in a safe manner. All necessary materials to contain small fire and minor run-off are maintained onsite as outlined on the emergency supply list indicated below. Materials to clean up residues are also available.

6. Emergency Supplies List

Equipment:

Absorbents
Absorbent pads
Drums
Over-packs
Barricades
Booms

Equipment:

Two-Way radios
Front-end loaders
First-aid kits
Dozers
Shovels
Fire Extinguishers
SCBA Cylinder
Camcorder

Personal Protection Equipment:

Impervious coveralls
Chemically resistant gloves
Respirators and cartridges
Hard hats
Face shields
Face masks
Goggles



7. Site Layout

See the attached drawings (Sheets 1 through 4) for site layout, waste tire collection center location, entrances and exits to the site, and location of fire hydrants that could be used to abate a potential fire.



8. Emergency Response Coordinators and Emergency Response Team

1. Emergency Response Coordinator

Primary: Frank Veliz - CTO

Address: 4925 Industrial Lane
Kissimmee FL 34758

Telephone: Work: 689-244-0008
Cell: 407-552-8887

Responsibility: To ascertain the severity and magnitude of the emergency, contact the fire marshal, assign tasks to individual workers, implement the Contingency Plan, and, if necessary, order an evacuation of the premises.

Secondary: Carlos Torres - President

Address: 3759 Paradiso Cir.
Kissimmee FL 34746

Telephone: Work: 689-244-0008
Cell: 321-946-2846

Responsibility: To assist the primary emergency response coordinator to mobilize staff, if necessary, to prepare emergency equipment; to assist local response agencies, if needed to; and to supervise the cleaning up operations after the fire is completely abated.

Staff and Equipment: Rafael Figueroa

Telephone: Work: 689-244-0008
Cell: 407-460-4402

Responsibility: In charge of cleaning up operations, assign tasks to all participants, supervise packing and disposal of contaminated soil, absorbents, booms, etc.

Chain of Command:

Until the arrival of the fire marshal and local response agencies, the personnel will take command of the site. The chain of command will be as follows:

Emergency Response Primary Coordinator

Frank Veliz, CTO



Emergency Response Secondary Coordinator

Carlos Torres, President

Staff and Equipment Coordinator

Rafael Figueroa

In an emergency situation where local authorities are called in, the senior officer of the responding agency (Osceola County Fire Department) shall assume command of the operations. Tire Recycling Corp. staff will then take a secondary position and will provide assistance if requested. Equipment will also be made available to the agency involved. However, Tire Recycling Corp. staff will be heavily involved in the clean-up operations after the site is secured and the fire is put out.

9. Prevention of Emergency Situations

Operations at Tire Recycling Corp. waste tire collection and storage site shall be conducted in a manner that maximizes the safety of the staff, the safety of the public, and the safety of the environment. "No Open Flame" signs will be posted at the site, and no smoking will be permitted at the site. Residents bringing in their waste tires are instructed at the entrance of safety rules, protocol, and how and where to unload their vehicles.

The prevention of fire at the waste tire center is a primary goal of the staff. We recognize the fact that in dealing with stockpiles of scrap tires, prevention is of paramount importance because of the potential size, environmental impact, and costs of a tire fire. Therefore, pre-fire plans were instituted which included the following:

1. Only authorized personnel is allowed in the area where the tires are being stockpiled.
2. The waste tire collection site is provided with emergency vehicle access routes.
3. Access routes are all asphalt-paved roads.
4. Access routes are unobstructed, can be used year-round, are well maintained, and are accessible to the fire department at all times.
7. No chemicals or flammable materials are permitted within 250 feet of the tire pile.
8. No surface waters are nearby.
9. No open air burning is permitted anywhere on the total complex. No smoking is allowed anywhere within the facility building.



10. Fire hydrants are located at the complex and can provide adequate water to suppress a fire.
11. All vehicles (e.g., front-end loader, trucks) operating at the tire storage area are equipped with a fire extinguisher.
12. Site inspections are conducted by the Osceola County Fire Marshal on an annual basis.

10. Emergency Procedures

In a major fire, it is unlikely that Tire Recycling Corp.'s resources will be sufficient to completely control the fire. In this case, the goal of the staff is to protect the public and employees, protect the site, evacuate, and immediately notify the local fire agency.

Whenever an actual emergency situation arises, the emergency coordinator on-site shall take the responsibility for implementing this Contingency Plan. The emergency coordinator must immediately identify the nature, extent, and location of fire (where in the pile the fire started). Furthermore, the emergency coordinator must also assess possible hazard to the human health and the environment caused by the fire. Evacuation of civilians, a life safety consideration, should be considered as a highest priority by the coordinator. No strategy for managing the incident should bypass evacuation consideration. Any areas exposed to the smoke plume or subject to such exposure from shifting winds should be evacuated as a precaution.

Should an emergency occur, the emergency coordinator must take reasonable measures to ensure that the fire will not spread to the rest of the pile or to the adjacent facilities or equipment. If the fire is minor, loaders may be used to remove the unaffected tires from the piles. Extinguishers and water hoses may assist in this case. If the fire is major, neither the emergency coordinator nor his staff should approach the pile; this should best be left for the local fire agency which is equipped to handle such a situation.

Public agencies, as identified in the prefire plan, should be contacted in the earliest possible stages of the incident. If possible, the emergency coordinator should provide the local fire agencies with any information pertinent to the incident prior to their arrival at the site.

The use of heavy equipment such as front-end loaders and mid-size bulldozers are necessary in gaining access and removing unburned tires from the pile. Since the responding fire agencies may not provide such equipment, the emergency coordinator may be included to provide this task using Tire Recycling Corp.'s equipment (on-site) and staff.

During emergencies, accurate information gathering is essential. Such information could be coordinated and provided by the emergency coordinator. Examples include gauging the hot spots, the fire's locations, and the rate of spreading.

In the event of a small fire, the person discovering this fire (an attendant) must make a determination as to whether or not it can be extinguished safely and quickly with the available fire extinguishers. If it is determined that the fire can be



easily extinguished with the available tools, notification of emergency coordinator should then be followed by taking an appropriate action.

The emergency response coordinator shall be notified immediately, and he shall determine if the site should be evacuated and if local agencies need to be immediately contacted. Additionally, the emergency response coordinator should determine if it is necessary to seal the stormwater outfall at the northeast corner of the Industrial Park. If deemed necessary, soil or sorbent material should be placed at the headwall of the stormwater pipe to preclude oily materials from migrating off-site.

If the person(s) first discovering the fire assesses the situation and determines that the fire cannot be handled by the staff at the site, the fire department, the Sheriff's Office, and the local hospital will be immediately notified. This person(s) also should immediately order an evacuation of the personnel on-site.

11. Evacuation

In case of emergency and the on-site emergency coordinator deems it necessary to evacuate, he/she shall give the instructions to immediate evacuate. Upon receiving the instructions, the staff shall leave the site by the nearest exit. Special attention will be paid to clients and visiting guests present on the site to ensure their safety and assist their egress.

Upon evacuation of the site, all personnel are to proceed directly to the rallying point. Upon evacuation, all non-responsive personnel shall be kept a safe distance from the site. Traffic on roads leading into the complex will be stopped or rerouted, if necessary.

Rallying Point: Far parking lot in front of the building.

12. Notification

In the event of fire, all personnel at the site must be immediately notified. Should the emergency coordinator determine that outside assistance is needed or notification of local emergency response authorities is warranted, he should:

1. Call the fire department first (dial "9-1-1")



2. Call the local hospital (if necessary)
3. Call the Sheriff's Office
4. Notify adjacent and nearby businesses.

The emergency coordinator must be available to help the local emergency authorities. Should the coordinator decide that evacuation of the local area is advisable, he should notify the above three agencies of his assessment. Having done so, the emergency coordinator must then proceed to inform the environmental protection agencies at the local, State, and Federal levels.

13. Follow-Up

The emergency coordinator must note in the operating record the time, date, and details of any incident which requires implementing this Contingency Plan. The coordinator must develop a written report on the incident within 10 days after its occurrence.

1. All information included in the initial emergency notification and information indicated above. The report should also include information updating the original report.
2. Actions taken to respond to and contain the run-off/release resulting from the fire.
3. An assessment of actual or potential hazards to human health and the environment where this is applicable. This should include any known or anticipated acute or chronic health risks associated with the run-off/release resulting from the fire.
4. Advice regarding medical attention necessary for exposed individuals.
5. Estimated quantity and disposition of recovered materials that resulted from the incident
6. A critique of the emergency response plan and how it was implemented.
7. Copies are to be forwarded to local and State emergency groups.

14. After the Fire Clean-Up

Environmental impacts associated with large tire fire could be substantial. Extreme heat turns rubber into oil. A standard passenger car tire can generate about two gallons of oil as it burns and liquefies. The danger associated with this oil is that it could leach into the soil and reach the shallow drinking water aquifer thus contaminating a very valuable drinking water source.

It is imperative to contain the run-off from the pile as well as all residues resulting from the incident. A tire fire should be treated as a hazmat incident. Environmental contamination must be monitored for surface water in the retention pond.



Immediately after the emergency, the emergency coordinator shall provide for treating, storing, or disposing of recovered waste, or any other material that results from the fire.

The emergency coordinator must ensure that in the affected areas of the site.

1. All clean up operations are completed.
2. All emergency equipment listed in the Contingency Plan and indicated earlier are cleaned and ready for its intended use (if used) before the waste tire collection site is open for business again.

Contaminated equipment shall be cleaned with an appropriate solvent, and the discarded solution handled in an environmentally sound manner (may be treated as Emergency Preparedness Manual hazardous waste). Contaminated soils should be handled in accordance with the appropriate provisions of Chapter 62 of the Florida Administrative Code.



4925 Industrial Ln.
Kissimmee FL, 34758
Ph. 1-689-244-0008
<https://tirerecyclingcopr.com>

TIRE RECYCLING CORP
4925 Industrial Lane, Suite 101
Kissimmee, FL 34758

CLOSURE PLAN

Closure activities at the facility will take place if the need for the facility no longer exists or the facilities have reached their useful life expectancy and require removal and/or replacement. Tire Recycling Corp will notify the FDEP in writing prior to ceasing operations and will provide a proposed closure date. No tires will be accepted after the closing date. Once closure activities have started, all remaining tires and residue will be removed within 30 days after receiving the final tire shipment. Remaining closure activities as described below will be completed within 180 days after receiving the final tire shipment.

Tires and processed materials will be removed using site labor and equipment remaining at the site from existing operations. If labor and equipment are not available, Tire Recycling Corp will provide additional labor and equipment or subcontract the work to a private firm. Whole tires removed from the site will be transported offsite for disposal at a permitted disposal facility or another permitted tire processing facility. Recyclable materials will be removed and transported to end use facilities. In addition to removal of the remaining tires and recyclables, recovered materials, miscellaneous litter will be picked up on and around the facility, a complete washdown of the storage and processing area will be conducted. Processing equipment will also be removed. The FDEP will make an inspection within 30 days to verify the closure and advise the Tire Recycling Corp of the closure status.

When site closure is complete, Tire Recycling Corp and a third party engineer will certify in writing to the FDEP that the closure is complete.

Material Stored	Estimated Closing Cost									
	Volume (Cubic Yards)	Density (ton/CY)	Estimated Tons	Loading Cost (\$/Cubic Yard)	Total Loading Cost	Hauling Cost (\$/Cubic Yard)	Total Hauling Cost	Disposal Cost (\$/Ton)	Total Disposal Cost	Total Cost
Tires	550	0.20	110	\$1.00	\$550.00	\$1.36	\$748.00	\$163.00	\$17,930.00	\$19,228.00
Processed Tires (Class I Waste)	250	0.40	100	\$1.00	\$250.00	\$2.00	\$500.00	\$37.10	\$3,710.00	\$4,460.00
Total	800		210							\$23,688.00
Contingency (15%)										\$3,553.20
Grand Total										\$27,241.20

Notes: 1. Disposal rates for tires and class I waste are based on prevailing disposal rates.

John P. Smith
 454 GOLDEN
 JOHN P. SMITH
 LICENSE

