690-22-01
December 16, 2022

KOOGLER & ASSOCIATES, INC.
Mailing: Post Office Box 5127
Gainesville, FL 32627-5127
Physical: 4014 NW 13th Street
Gainesville, FL 32609-1923
www.kooglerassociates.com
352.377.5822

Florida Department of Environmental Protection
Department of Solid Waste
DEP_CD@Floridadep.gov
3319 Maguire Blvd. Ste 232
Orlando, FL 32803-3767

RE: Suwannee American Cement Company, LLC - Tire Permit Renewal
Sumterville, Sumter County, Florida
FDEP Permit No. 297136-003-WT

Dear Solid Waste Staff:

On behalf of Suwannee American Cement Company, LLC, (SAC) Koogler and Associates, Inc. is submitting this application package to modify the Suwannee American Cement Company's Tire Processing permit 297136-003-WT for their facility in Sumterville in Sumter County.

SAC is proposing to increase the amount of outside storage from 80.4 to 104 tons by adding 3 new trailers. No change to the tire throughput is proposed (15.4 tons). The total amount of tires on-site at any one time is 119.4 tons

A copy of this application package is being submitted electronically. Upon notice of receipt by the FDEP, SAC will provide the permit application fee of $1250 electronically. If you have any questions regarding this submittal, please contact me at tgarcia@kooglerssociates.com.

Best regards,

Tammy L. Garcia
Environmental Scientist II

/tlg
Enclosure

Cc: Manuel Sequera – Suwannee American Cement Company; *manuel.sequera@ashgrove.com*
Maxwell R. Lee, P.E. – Koogler and Associates, Inc.; *mlee@kooglerassociates.com*
FDEP – Solid Waste Financial Coordinator;
Solid.Waste.Financial.Coordinator@FloridaDEP.gov; Chantay.Jerger@FloridaDEP.gov

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. 297136-003-WT

Renewal ☐ Modification ■ Existing unpermitted facility ☐ Proposed new facility ☐

Part I-General Information:

A. Applicant Information:

1. Applicant Name: Suwannee American Cement Company, LLC
2. Applicant Street Address: 4750 East County Road 470
3. City: County: Sumter Zip: 33585
4. Applicant Mailing Address: PO Box 445
5. City: Sumterville County: Sumter Zip: 33585
6. Contact person: Manuel Sequera Phone: 352) 569-2217 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:

1. Facility Name: Suwannee American Cement Plant
2. Facility Street Address (Main Entrance): 4750 East County Road 470
3. City: Sumterville County: Sumter Zip: 33585
4. Facility Mailing Address: PO Box 445
5. City: Sumterville State: FL Zip: 33585
6. Contact Person: Manuel Sequera Phone: (352) 569-2217
7. Facility Location Coordinates:
   Section: 8 Township: 20S Range: 23E
   Latitude: 28 45' 38" N Longitude: 82 01' 35" W
8. Anticipated date for starting construction _____ and for completion of construction _____
9. Anticipated date for receipt of tires NA Existing and for start of processing NA Existing

Mail completed form to appropriate district office listed below

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

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)

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

1. Owner's name: Suwannee American Cement Company, LLC
2. Land owner's mailing address: PO Box 445
3. City: Sumterville State: FL Zip: 33585
4. Authorized Agent: Dirk Cox Agent's phone ( )
5. Current lease expires: NA

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

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

E. Preparer of Application:

1. Name of person preparing application: Maxwell R. Lee, Ph.D. - Koogler and Associates, Inc.
2. Mailing address: PO Box 5127
3. City: Gainesville State: FL Zip: 32627-5127
4. Phone: (352) 377-5822
5. Affiliation with facility: Environmental Consultant, P.E.

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:	104	3,000	15.4		119.4
Processed tires:					
Processing residuals:					
TOTALS:	104	3,000	15.4		

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 N/A - while tires used as upplemental fuel for cement kiln
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.

N/A - consuming facility using while tires as supplement fuel for cement kiln

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 fire lanes;
   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 thatlocation.

E. A letter from the land owner (if different from applicant) authorizing use of the land as a waste tire pr ocessing facility.

F. If waste tires will be consumed or diposed 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 Suwannee American Cement, Company, LLC 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 Chap ter 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.

Dirk Cox (Digitally signed by Dirk Cox Date: 2022.12.15 08:28:07 -05'00')	Dirk Cox, Plant Manager	12/15/2022
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 facilit ies. In my professional judgment, this facility, when properly maintained and operated will comply with all applicable statues 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

Maxwell R. Lee, Ph.D., P.E,.
Name and Title

58091
Florida Registration Number

(please affix seal)

PO Box 5127
Mailing Address

Gainesville, FL 32627-5127
City, State, Zip

352-377-5822
Telephone number

12/16/22
Date

PART III – ATTACHMENTS

SECTION A – FACILITY DESIGN

Attachment 1: Topographic Map
Attachment 2: Zoning and Future Land Use Map
Attachment 3: Facility Plot Plan
Attachment 4: Tire Feed System Plan View Layout

SECTION B – FACILITY OPERATION

Attachment 5: Comprehensive Operations Plan
Attachment 6: Hazardous Materials Emergency and Contingency Plan
Attachment 7: Fire Safety Survey

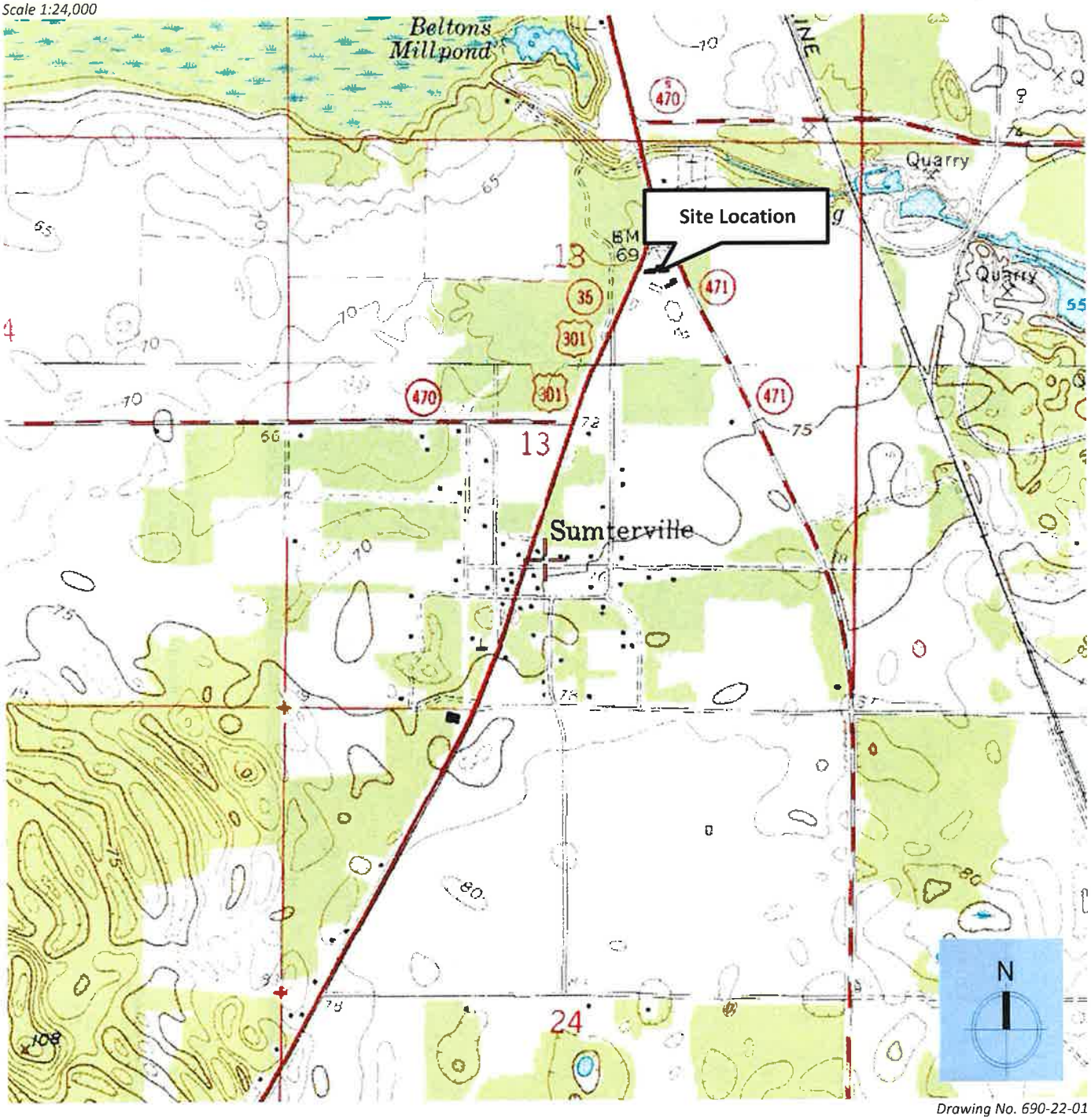
SECTION C– CLOSING COST ESTIMATES

SECTION D - FINANCIAL ASSURANCE

Attachment 8: Closing Costs and Financial Assurance

USGS Map Name: Bushnell, FL
MAP MRC: 28082F1
MapCenter: N28.74499° W82.06342°
Datum: NAD83 Zoom: 4m/pixel
Scale 1:24,000

NOTE: Topographic map was accessed on 3/1/2022 from:
https://www.topoquest.com/map.php?lat=28.74499&lon=-82.06342&datum=nad83&zoom=4&cross=on



Drawing No. 690-22-01

Professional Engineer Certification:
I, the undersigned, hereby certify, except as particularly noted herein*, that based on information and belief formed after reasonable inquiry, to the best of my knowledge, the statements and information in this document are true, accurate, and complete. *Any exceptions are attached.

Maxwell R. Lee, P.E. (Florida PE No. 58091) Date 12/15/22

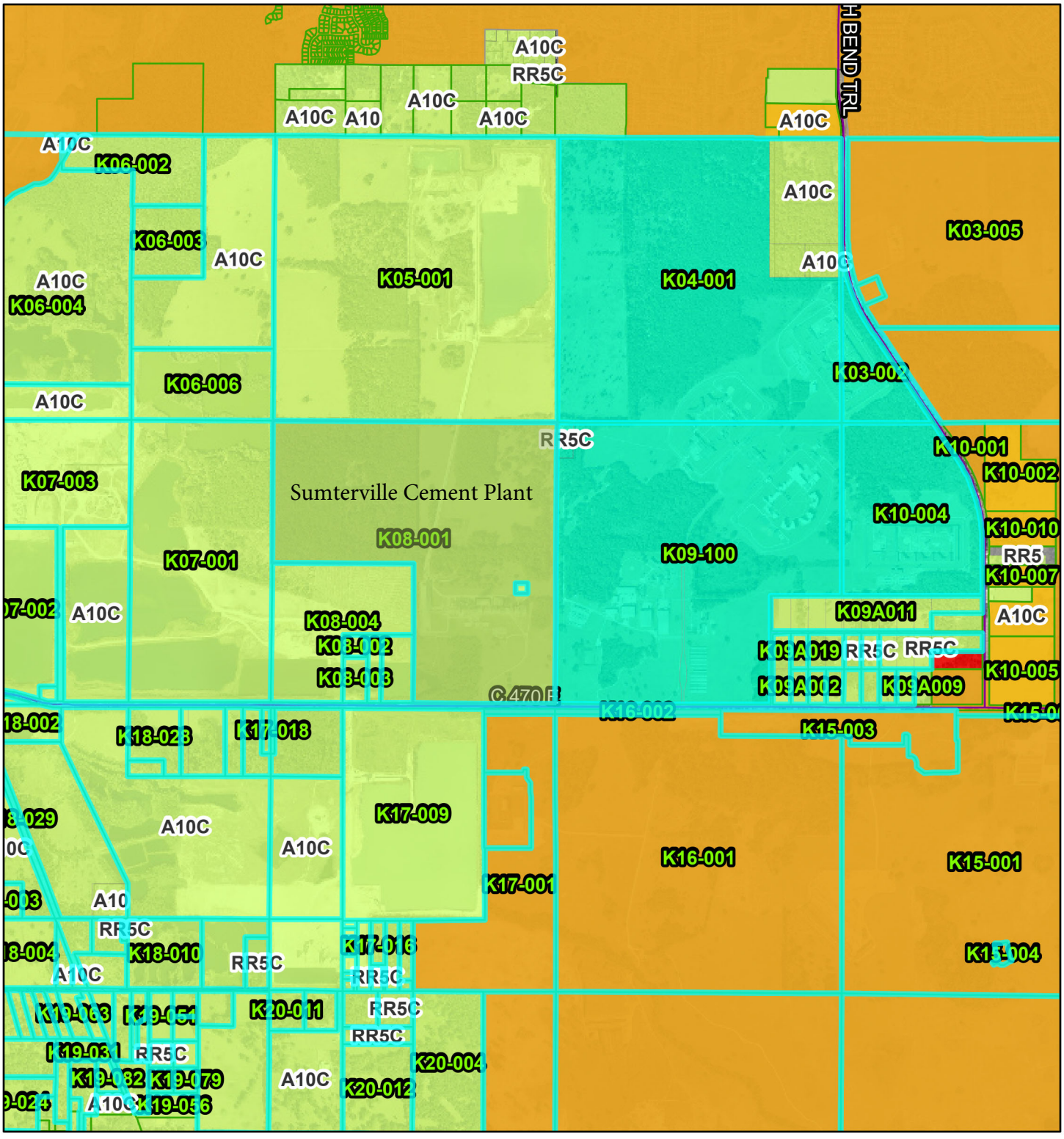
STATE OF FLORIDA PROFESSIONAL ENGINEER No. 58091

Attachment 1
USGS Topographic Map
Suwannee American Cement Co, LLC
Sumterville, Sumter County, Florida
Tire Processing Permit Modification
WACS ID No. SWD/60/98523
Permit No. 297136-003-WT

KOOGLER & ASSOCIATES, INC.
ENVIRONMENTAL SERVICES
PO Box 5127
Gainesville FL 32627-5127
352-377-5822

ATTACHMENT 2 - Zoning and Future Land Use - Sumter County

ArcGIS Web Map



3/2/2022, 10:57:28 AM

1:36,112

0 0.28 0.55 1.1 mi

0 0.42 0.85 1.7 km

Unincorporated Future Land Use

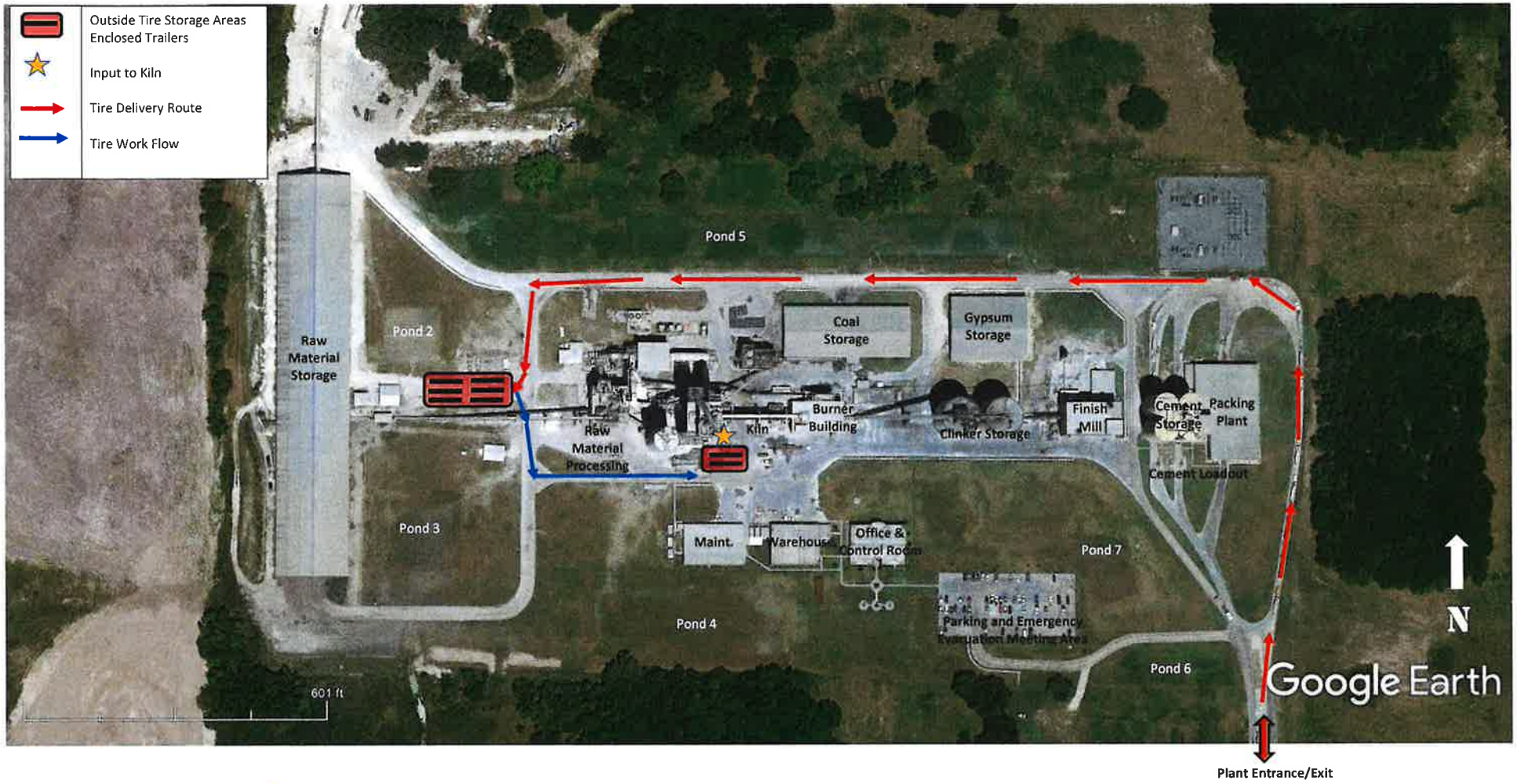
- Agriculture
- Commercial
- Public/ Insitutional
- Municipality
- Search by parcel or owner name _Query result
- Parcels
- Parcel Labels
- Major Roads

Municipal Boundaries

- Wildwood
- Unincorporated Zoning

Esri, HERE, EagleView, Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, EPA

Web AppBuilder for ArcGIS
Sumter County GIS



Professional Engineer Certification

Maxwell R. Lee, Ph.D., P.E. Date

P.E. No. 58091

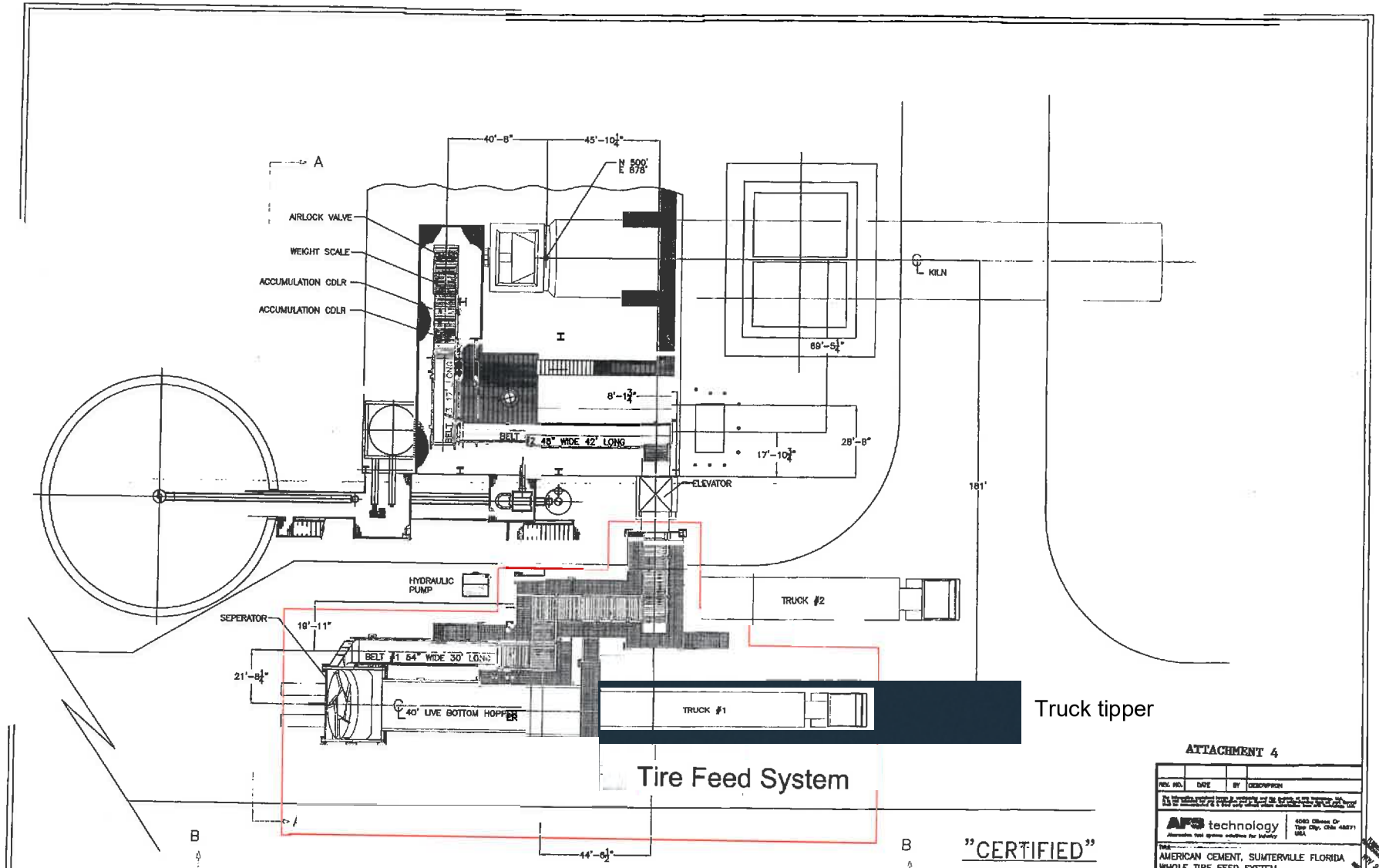
Scale 1"+/- 600 ft.

Aerial Image from Google Earth
Image Date 05/16/2021
Drawing No. 690-22-01
All locations are approximate

Attachment 3 – Plot Plan
Waste Tire Storage and Processing – Suwannee American Cement Plant
Suwannee American Cement Co, LLC
Sumterville, Sumter County, Florida
WACS ID No. SWD/60/98523
Modification of Permit No. 297136-003-WT

KCOGLER & ASSOCIATES, INC.

Attachment 4



PART III
SECTION A – FACILITY DESIGN

1. Topographic Map and Zoning and Future Land Use Map

A topographic map is provided as Attachment 1. A Sumter County zoning and land use map showing the parcel boundaries, zoning, and future land use for the subject property and surrounding area is provided as Attachment 2.

2. Plot Plan

A plot plan aerial map is provided as Attachment 3. The plot plan includes the major components of the facility. It specifically identifies and depicts the waste tire storage and processing areas and the delivery route of tires to the facility for storage and from the storage areas to the kiln. The tire feed system is depicted on Attachment 4. No changes have occurred since the permit renewal in 2018 except for the addition of 3 trailers for storage and a truck tipper.

PART III
SECTION B – FACILITY OPERATION

1. A description of the facility's operation, process and products including how waste tires will be received and stored.

The Suwannee American Cement Plant produces Portland cement using a dry process kiln with a preheater and calciner. The cement kiln is authorized to burn tires and tire-derived fuel as a supplemental fuel. Pre-sorted tires are delivered to the facility from a single contractor in container trailers.

The modification is to increase the amount of tires permitted to be stored at the facility. The current permitted amount is 80.4 tons. The Plant is proposing to increase the outdoor storage capacity from 65 tons to 104 tons by adding 3 new trailers (storage location depicted on Attachment 3). The permitted inside storage area at the tire handling system is for 15.4 tons. The total proposed storage amount is 119.4 tons. A copy of the facility's Comprehensive Operations Plan is provided as Attachment 5.

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.

Not applicable – tires are not processed on site.

3. Description of the waste from the process, the amount of waste expected and how and where this waste will be disposed of.

No changes since the last permit renewal. No wastes are generated from the process. The organic components of the tires are combusted in the high-temperature kiln, providing heat value (Btu's) to the process. The inorganic components are incorporated into the kiln

production (clinker). Handling of residuals is described in the Comprehensive Operations Plan provided as Attachment 5.

4. Statement of the maximum daily throughput and the planned daily and annual throughput.

The permitted maximum daily throughput is 60 tons/day and the annual throughput is 21,900 tons per year. The throughput amounts are not proposed to change with this application.

5. A description of how the operator will maintain compliance with each of the storage requirements of Rule 62-711.540, FAC.

The proposed storage of tires and storage requirements are discussed in the Comprehensive Operations Plan provided as Attachment 5.

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.

Refer to the Hazardous Materials Emergency and Contingency Plan (Attachment 6), which contains emergency preparedness procedures for the facility. The local authorities have been notified of the facility's emergency procedures. A copy of the Plan is maintained onsite in the Environmental Manager's office and the Front Gate Guard House. The off-site locations are the home addresses of:

- Dirk Cox, Plant Manager
- Manuel Sequera, Environmental Manager

7. A copy of the fire safety survey.

A copy of the latest fire safety survey is provided as Attachment 7.

8. A description of how 75% of the annual accumulation of waste tires will be removed for disposal or recycling.

No changes since the last permit renewal. Removal of the annual accumulation of tires is discussed in the Comprehensive Operations Plan provided as Attachment 5.

ATTACHMENT 5

COMPREHENSIVE OPERATIONS PLAN

COMPREHENSIVE OPERATIONS PLAN

SUWANNEE AMERICAN CEMENT COMPANY, LLC
SUWANNEE AMERICAN CEMENT PLANT

4750 East Sumter County Road 470
Sumterville, Sumter County, Florida 33585

TIRE PROCESSING FACILITY
Permit No. 297136-003-WT

Plan Revision Date: December 9, 2022
for Modification of Permit No. 297136-003-WT

Updated by Koogler and Associates, Inc.
PO Box 5127
Gainesville, FL 32627-5127
352-377-5822

KA 690-22-01

TABLE OF CONTENTS

1.0 INTRODUCTION

This Waste Tire permit, per 62-711, FAC, Comprehensive Operations Plan provides a description of the facility's operation, process and products including how tires will be received and stored. A copy of the emergency preparedness manual for the facility is included with this submittal.

The on-site and off-site locations where the emergency preparedness manual will be maintained are as follows:

The on-site locations for the emergency preparedness manual will be the Environmental Manager's office and the Front Gate Guard House. The off-site locations for the emergency preparedness manual will be the home addresses of:

- Dirk Cox, Plant Manager
- Manuel Sequera, Environmental Manager

This section includes a statement of the maximum daily throughput and the planned daily and annual throughput.

The applicant is the landowner and has authorized the use of the land as a tire processing facility.

Facility Name:	Suwannee American Cement Company, LLC Suwannee American Cement Tire Processing Facility
Facility Owner/Operator:	Suwannee American Cement Company, LLC
Mailing address:	Post Office Box 445 Sumterville, Florida 33585 Sumter County
Telephone:	(352) 569-5393
Facsimile:	(352) 569-5397

Physical Location:	4750 East Sumter County Road 470 Sumterville, Sumter County, Florida 33585
	Section 8, Township 20 South, Range 23 East
	Latitude 28º45’38” North, Longitude 82º01’35” West
Facility Contact:	Dirk Cox – Plant Manager

This facility is a Tire Processing Facility with all tires used for on-site consumption of tires as supplemental fuel and raw material for a Portland cement kiln. The maximum quantity of tires to be stored at the facility at any one time is 119.4 tons which includes outdoor trailer storage and feed system capacity. The nominal maximum daily throughput to the kiln is 60 tons/day. This nominal amount is not a solid waste permit limit. The design daily throughput is 60 tons/day based on the consumption rate of 60 mmbtu/hr tire heat input. and annual throughput is 21,900 tons per year. See Section 8.0 for Engineering Calculations.

2.0 OPERATIONS AND ACCESS

Tires for this facility will be supplied from suppliers that are FDEP registered waste tire collectors. Tires will not be accepted from the general public, or from a non-registered tire collector.

Suwannee American Cement Company, LLC will maintain recordkeeping consistent with the applicable portions of Rule 62-711.530(4), F.A.C., as follows:

> *(4) The owner or operator of a waste tire processing facility shall record and maintain for three years the following information regarding their activities, which records shall be available for inspection by Department personnel during normal business hours:*
>
> *(a) For all waste tires shipped from the facility, the name and waste tire collector registration number of the waste tire collector who accepted the waste tires for transport, and the quantity of waste tires shipped with that collector.*
>
> *(b) For all waste tires received at the facility, the name and waste tire collector registration number of the collector who delivered the waste tires to the facility, and the quantity of waste tires received from that collector.*

Suwannee American Cement Company, LLC will also maintain recordkeeping consistent with Rule 62-711.540(1)g., F.A.C., as follows:

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

The Environmental Manager will record the tonnages of tires received at the site and maintain the other records specified above.

Tires are stored in enclosed trailers at two locations at the site, as shown on the tire facility plot plan (Figure 1)

Professional Engineer Certification

Maxwell R. Lee, Ph.D., P.E. Date: 9/7/23

P.E. No. 58091

Scale 1"+/- 600 ft.

Aerial Image from Google Earth
Image Date 05/16/2021
Drawing No. 690-22-01
All locations are approximate

Figure 1 – Plot Plan
Waste Tire Storage and Processing – Suwannee American Cement Plant
Suwannee American Cement Co, LLC
Sumterville, Sumter County, Florida
WACS ID No. SWD/60/98523
Modification of Permit No. 297136-003-WT

KOOGLER & ASSOCIATES, INC.

All of the tires are stored in outdoor trailers until manually loaded into the 40’ Live Bottom Hopper.

Access to the facility is controlled by security personnel on site 24 hours per day, 7 days per week, fences and natural barriers.

When tires arrive at the facility during normal business hours the incoming vehicles check in with the receiving department, who checks for a current tire collector permit decal. Any vehicle that does not have a valid tire collector permit decal will not be accepted at the site. For off-hour deliveries, the control room operator will have a plant attendant check the truck in and direct the driver where to leave the trailer at the storage area.

Records of the daily tonnages received, combusted, and returned to vendor will be reviewed weekly to ensure that the facility does not exceed the allowable storage quantity.

3.0 PROCESSING

This section provides a description of the equipment used for processing tires. The facility is defined as a tire processing facility by Rule 62-701.200(129), F.A.C., because equipment is used to consume tires so that they are no longer exist as whole tires. However, the facility burns only whole tires – not processed tires. Coarse separation means separating the tires into a single file. “Refinement” of the tires means rejecting tires not meeting size specifications and spacing the tires along the conveyor to meet the supplemental fuel needs of the kiln. Rejected tires are also called residual tires.

The truck drivers are employees of the tire collector. The tire delivery arrangement with the tire collector requires that only whole tires are delivered to prevent unacceptable tires from being loaded into the 40’ Live Bottom Hopper.

Tires are unloaded from trailers into the 40’ Live Bottom Hopper by SAC personnel by bringing the trailers to the truck tipper platform. After securing the trailer, they activate the tuck tipper to partially or completely unloaded into the 40’ Live Bottom Hopper following the internal SOP **Loading, Operation and Unloading of Tire Tipper** (provided at the end of Section 3.0). The 40’ Live Bottom Hopper conveys the tires to the Rotary Disk Tire Separator. The Rotary Disk Tire Separator is for coarse separation, to separate tires that may have stuck together, and feeds them onto the Separator Inclined Discharge Belt, which conveys tires and debris up to a platform where the debris drops off the end of the conveyor, into a receptacle, and the tires are conveyed onto the Tire Separation, Refinement, and Accumulation Roller Conveyor used for the separation and refinement, for automatic sensing of the tires are of proper size for continued feeding in the system and to ensure the tires are in a single-file row and accumulated. The level of tire accumulation will also control the Rotary Disk Tire Separator by turning it on when the level is low and off when the level is high.

The Tire Separation, Refinement, and Accumulation Roller Conveyor allows only one tire at a time to be discharged onto the Tire Rejection Roller Conveyor for tire sizing in this area. Any tires not meeting the proper specification regarding size are discharged from the Tire Rejection Roller Conveyor. When a tire is located on the Tire Rejection Roller Conveyor and does not meet the size specifications the conveyor diverts the reject tire to

the reject bin for return to the tire vendor. The system is equipped with opposed-mode photo sensors for determining dimensionally oversized and undersized tires. Tires of undesirable size will be diverted from the Tire Rejection Roller Conveyor. This is a motor driven automatic process. Undesirable size as it is used in this section means tires with a diameter larger or smaller than the typical passenger car size tire. Incoming tires removed by the “Tire Rejection Roller Conveyor” are discharged into the collection area, for manual loading into the tire vendor’s trailer and returned to the vendor.

The tires meeting size specifications are then conveyed to the kiln preheater by a hook elevator and two belt conveyors in series. The tires are then transferred to a Weight Scale at the kiln to accurately supply the kiln with the necessary tire fuel quantity. The tires are then inserted into the kiln via an Airlock Valve.

This section provides calculations that include all tire storage in the handling system (including hoppers, accumulation conveyors, etc.).

Item	Qty. tires
Live bottom hopper	1000
Rotary disk tire separator	30
Separator inclined discharge belt	15
Tire separation & refinement roller conveyor	35
Tire rejection and conveying roller conveyor	60
Tire elevator	30
Upper roller conveyor 1	10
Upper roller conveyor 2	10
Weight scale	1
Rejected tires	100
Total	1291

The combustion rate of tires is limited by the facility’s Air Operation Title V Permit (current No. 1190042-023-AV) as follows:

> **C.10.** Tire Derived Fuel (TDF) Usage Limitations and Requirements. The use of whole or chipped tire derived fuel (TDF) in the pyroprocessing system is limited by the following requirements:
>
> a. The maximum heat input rate from firing TDF shall not exceed 60 MMBtu per hour and/or 15% of the total pyroprocessing system kiln and calciner heat input

rate (the remaining 85% of the total pyroprocessing heat input rate shall be from the firing of other authorized fuels);

The 40’ Live Bottom Hopper has a capacity of approximately 1000 car passenger tires or 10 tons. The typical feed rate is approximately 3-4 tires per minute where 60 mmbtu/hr equates to approximately 4.2 tires/minute. See Section 7.0 for Engineering Calculations.

ASH GROVE A CRH COMPANY Sumterville, FL	Title	**Loading, Operation and Unloading of Tire Tipper**	Rev #	1
	Department	Health & Safety	Rev Date	6/17/2022
	Doc Type	Procedure - PD	Doc #	Intelex Doc #
	Author	Randy Martinez/ Jon Ness/ Mark Autry	Pages	Page **1** of **3**

1. OBJECTIVE

AGC has established a procedure for steps to follow when loading, operation and unloading the alternative fuels tire tipper system to provide protection for employees.

2. REFERENCES

- LSR Best Practices- Process safety, mobile equipment safety

3. RELATED DOCUMENTS

- Mobile Equipment Procedure
- Pre-trip inspection

4. DEFINITIONS

None

5. SCOPE

- This procedure applies to any employees and contractors at our facility.

6. RESPONSIBILITIES

6.1. All Employees, Supervisors & Managers- to adhere to this procedure and be aware of the dangers associated with tire tipper operation and positioning of trailers.

6.2. Safety Manager- to ensure all individuals who have the potential to be exposed are trained on the safety hazards associated with the tire tipper and mobile equipment associated with positioning tire trailers.

7.0 PREPARATION

Prior to conducting any work, a thorough inspection of the workplace shall be completed and hazards controlled Then documented on an AGC Workplace exam form.

- Ensure Yard Dog has a pre-trip inspection and is ready to run by a tasked trained operator.
- Ensure there is a full trailer of tires to be used.
- Ensure you have a spotter/ signal person available.

Human Performance Error Precursors-

- Blind spots of reversing equipment
- Starting and stopping equipment**.**
- Task training
- Illumination of area

- Not utilizing a signalman/ spotter for trailer positioning

8.0 PROCEDURE

8.1 Loading Tire Trailer:

1) Remove yellow safety chain from the entrance of the ramp for the tire tripper.
2) Spot the full tire trailer in front of the ramp and set the parking brakes for the yard dog and trailer.
3) Carefully open the tire trailer doors slowly to ensure no loose tires fall out. (Driver or/and spotter can perform this task.)
4) Open both doors and secure to the side of the trailer so they don't swing when reversing into location.
5) Using the spotter slowly back the tire trailer up the ramp and onto the tire tipper. Always have a visual or be in radio contact with your spotter. Spotter should not be on the ramp or tire tipper while backing up the tire trailer. The two spots for the spotter to be safely out of the way is on the catwalk north and south side of the tire hopper.
6) Once the tire trailer is firmly against the back stop of the tipper set the tire trailer and yard dog brakes.
7) Disconnect the yard dog from the tire trailer and pull off the tire tipper and ramp.
8) Properly secure tire trailer to the tire tipper with safety chain that is in place.
9) Attach yellow safety chain across the entrance of the ramp of the tire tipper when done.

8.2 Operation of the Tire Tipper:

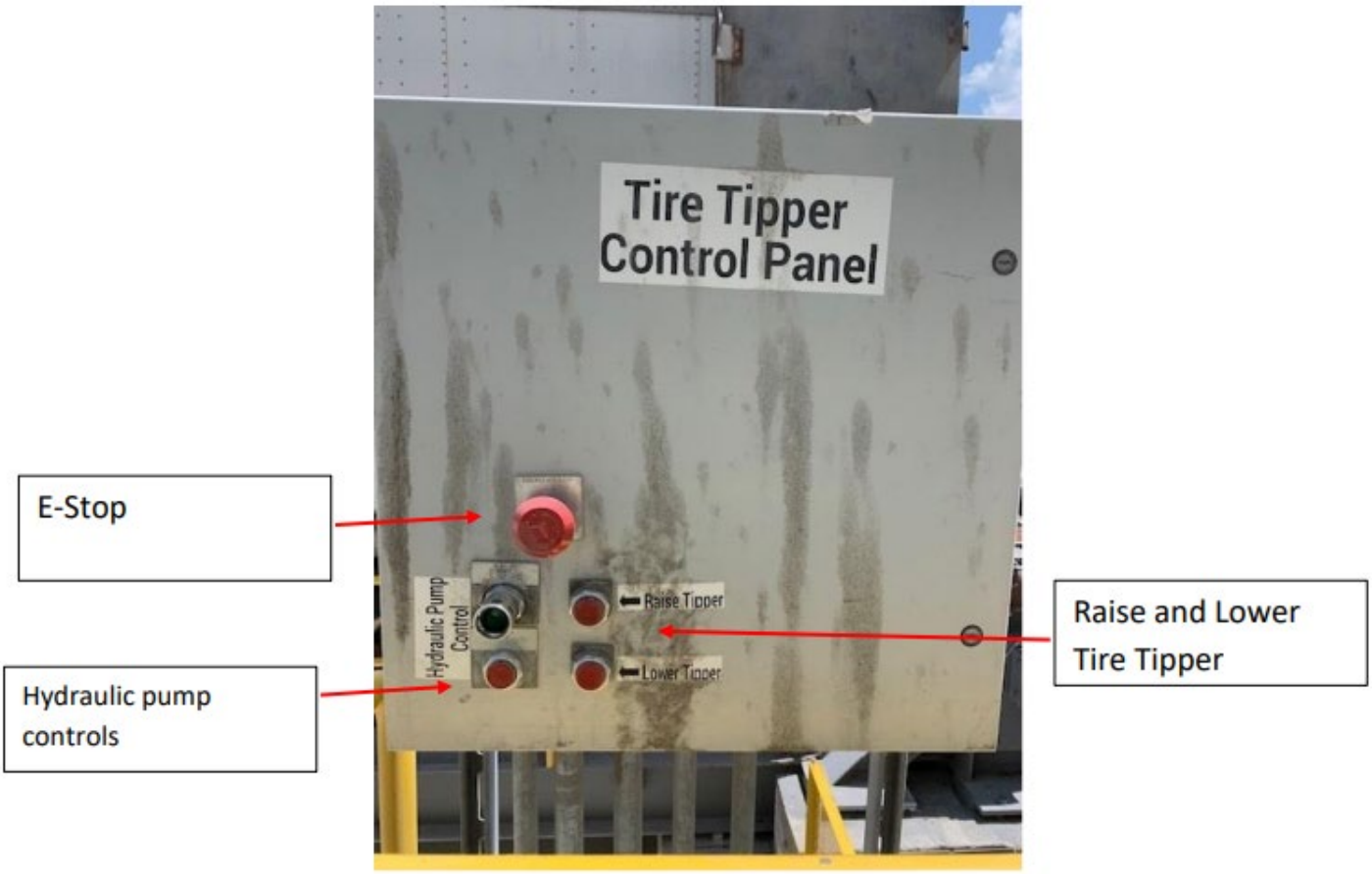
1) Before operating Tire tipper inspect pivot points and lift sensors for obstructions or loose tires.
2) The tire tripper control panel is located on the catwalk north of the tire tipper. It has the Hydraulic Pump Control and the raising and lowering tire tipper controls.
3) Push the start button for Hydraulic Pump. The light should illuminate green and indicated the pump is running.
4) Push and hold the raise tipper button. The tire tipper should begin to raise. Lift the tire tipper up enough to fill the tire hopper. Just let go of the button to stop the tire tipper.
5) After the tire hopper is filled push and hold lower tire tipper.
6) Once the tire tipper is even with the ramp let go of the button.
7) Push the stop button for Hydraulic Pump and the green light should go out and the hydraulic pump stops.

8.3 Unloading of Tire Trailer

1) Remove yellow safety chain from the entrance of the ramp for the tire tipper.
2) Remove safety chain from the tire trailer that secured to the tire tipper.
3) Back up yard dog to the tire trailer and connect to it.
4) Make sure tire trailer doors are still secured to the side of the tire trailer.

5) Slowly remove tire trailer off the tire tipper. Once clear of the ramp. Stop and set brakes on yard dog and tire trailer. Close the doors on the tire trailer.
6) Park the tire trailer in its designated area.

7. APPENDIX



4.0 STORAGE

This section provides a description of how the operator will maintain compliance with each of the storage requirements of Rule 62-711.540, F.A.C. This section also provides a description of how 75% of the annual accumulation of tires will be removed for disposal or recycling.

Tires are stored in enclosed outdoor trailers at two locations at the site as shown on Figure 1 in the Section 2.0. The total tire storage in trailers at the site is limited to 104 tons at any time. Tires are typically received and stored in 8' by 45' enclosed trailers. The trailers each typically hold approximately 13 tons of tires. Obviously, load sizes and trailer capacities vary. All of the tires are stored in trailers and are not unloaded until they are used. The facility storage capacity may be described by the following scenarios:

A. 104 tons/13 tons/trailer = 8 trailers plus 15.4 tons in handling system

B. Combination of trailer storage and tire handling system not to exceed 119.4 tons facility-wide total.

Tires not meeting the required specifications are returned to a trailer for removal by the tire vendor. This trailer is included in the eight trailer calculation above. During steady-state operation, the storage limit can be met by limiting onsite storage as follows:

8 full trailers x 13 tons/trailer = 104.0 tons
15.4 tons of tires in system = 15.4 tons
Total = 119.4 tons

This section provides calculations that include all tire storage in the handling system (including hoppers, accumulation conveyors, etc.).

Item	Qty. Tires
Live Bottom Hopper	1000
Rotary Disk Tire Separator	30
Separator Inclined Discharge Belt	15
Tire Separation & Refinement Roller Conveyor	35
Tire Rejection Roller Conveyor	60
Upper Elevation Belt #1	150
Upper Elevation Belt #2	150
Weight scale	1
Rejected tires	100
TOTAL	1541
Tons @ 100 tires/ton	15.41

Market conditions will dictate the quantity of tires received. The quantity of tires stored at the facility will not exceed 119.4 tons. This amount is far more limiting than that allowed by Rule 62-711.530(2)(a), F.A.C., which allows that amount of tires that the equipment is capable of combusting over a thirty (30) day period.

2.5 tons/hour x 24 hours/day x 30 days = 1800 tons of tires

Since no more than 119.4 tons of tires can be stored on site the requirement of 75% of disposal or recycling of annual accumulation is easily met. 75% of the maximum number of tires can be used as fuel within 24 hours, or returned to the tire collector in eight trailers. See Section 7.0 for Engineering Calculations.

Suwannee American Cement Company, LLC (SAC) will not need to provide control of mosquitoes and rodents to protect the public health and welfare since the tires will be store inside enclosed trailers until placed into the tire feed system as fuel. All the tires remain in the trailers until just before they are loaded onto the 40’ Live Bottom Hopper and none will be stored on the ground. The handling area is managed in such a way as to divert stormwater or floodwaters around, off and away from the Tire Trailer Storage Area and the Tire Processing Facility. These areas are contained within the drainage area for Pond 4, as shown on the Facility Plot Plan.

5.0 RESIDUALS

There is no waste from the combustion of whole tires in the cement manufacturing process. All of the ash and residue resulting from the combustion are blended as valuable raw materials into the clinker product from the kiln. Entire whole tires are combusted within the kiln environment. Particulate matter captured by the kiln system air pollution control device as fed back into either the kiln feed material or shuttled to the finish mill system and becomes integral to finished cement.

SAC contracts only with FDEP-registered tire collectors and retains the right of refusal for any tires that are unsuitable for combustion in the cement kiln. Rejected tires are referred also as “residual” tires. Tires that SAC rejects from the vendor supply are loaded into a single trailer dedicated for reject tires for removal from the site by the tire vendor. Whole tires rejected by the system are loaded back into the trailer and returned to the vendor. These items are loaded by plant personnel or tire vendor personnel. The rejected tire trailer is checked at least once every 8 hours. Rejected tires are loaded into a trailer as necessary. Where possible, such tires are loaded into the same trailer they are delivered in and immediately removed from the supplier.

Each trailer is logged into the computer system. The computer will allow the tracking of materials for returns. There are no outdoor piles of tire rims or scraps. The residual tires trailer will store tires for no more than than one month. This trailer is included in the eight trailer maximum storage quantity.

6.0 OTHER ENVIRONMENTAL PERMITS

As tires will be consumed at the facility, this section provides a description of the other environmental permits that the applicant has for this use. As noted above, the current Title V Air Operation Permit allows the use of tires as fuel.

Current Title V Air Permit is No. 1190042-023-AV issued on March 11, 2021.

SECTION III. EMISSIONS UNIT AND SPECIFIC CONDITIONS

Subsection C. Emissions Unit No. 003, Pyroprocessing System
The calciner burners and main kiln burner are capable of burning pulverized coal (primary fuel), petroleum coke, natural gas, on-specification used oil, No. 2 fuel oil, and certain categories of alternative fuel materials. The alternative fuels include, but are not limited to, tire-derived fuel (TDF), plastics, roofing materials, agricultural biogenic materials, untreated and treated cellulosic biomass, carpet-derived fuel, alternative fuel mix, biosolids, and engineered fuel (EF). A kiln tire feed mechanism with an airlock/gate system is capable of feeding TDF into the kiln system at the transition section between the base of the calciner and the point where gases exit the kiln.

7.0 ENGINEERING CALCULATIONS

1. Title V (1190042-023-AV) Title V Air Operation Permit Limit

- 60 MMBTU/ hour which is equivalent to 15 percent of total design heat input to kiln system (calciner and/or main burner)

2. Typical tire weight and heat content characteristics

Tire weight (typical passenger tire) = 20 lb/tire
- 2,000 lb/ton / 20 lb/tire = 100 tires/ton
- 12,000 Btu/lb or 24 MMBtu/ton
- 0.24 MMBtu/tire

3. Tire Trailer Storage Characteristics

- Waste tire permit capacity of outdoor storage is eight (8) full trailers of which one trailer is used for storage of reject tires that are off-specification size tires for the tire feed system. The Tire Feed System rejects tires not within size specifications and conveys them into a holding bin. This holding bin is then emptied into the trailer for reject tires for return to the supplier.

4. Equivalent weight-based maximum tires input to kiln
- Design kiln feed rate at 60 MMBtu/hr = 2.5 tons tires/hour

5. Waste Tire Feed System Characteristics

- Design kiln mass feed rate: 60 mmbtu/hr /24 mmbtu/ton = 2.5 tons/hr
- Design kiln mass feed rate: 2.5 ton/hr x 24 hr/day = 60 ton/day

6. Supply/Storage Trailer Characteristics

- Max storage of tires in trailers: 1,300 tires/trailer or 13 tons/trailer.
  8 trailers (1 trailer for reject tires) = 104 tons = 10,400 tires
  7 trailers of usable tires = 91 tons
- Design kiln feed rate: 60 ton/day / 13ton/trailer = 4.6 trailers/day

7. Tires Onsite vs. Daily Tire Feed Rate

- 91 tons / 60 tons/day = 1.52 days of tire supply on site at design mass feed rate of tires
- 91 tons / 30 tons/day = 3.03 days of tire supply on site at average mass feed rate of tires

8. 75% Tire Removal/Usage Requirements

- Removal of 75% of tires per 12-month period
- Design rate of consumed tires per 30 day: 2.5 tons/hour x 24 hours/day x 30 days = 1800 tons of tires

Tire Feed System Characteristics:

- Tire capacity of tire feed system in addition to tire storage:

Equipment	Number of Tires
Live Bottom Hopper	1,000
Rotary Disk Tire Separator	30
Separator Incline Discharge Belt	15
Tire Separation & Refinement Roller Conveyor	35
Tire Rejection Roller Conveyor	60
Upper Elevation Belt #1	150
Upper Elevation Belt #2	150
Weight Scale	1
Rejected Tires	100
Total Number of Tires in System	1,541

1,541 tires / 100 tire/ton = 15.41 tons tires

Maximum Amount of Tires Onsite:

- Supply and Reject Trailers:
  - 8 Trailers x 1,300 tires/trailer = 10,400 tires = 104 tons
- Tire Feed System (completely full)
  - 1,541 tires = 15.4 tons
- Maximum Tires Onsite:
  - 104 + 15.4 = 119.4 tons or 11,940 tires

ATTACHMENT 6

EMERGENCY PREPAREDNESS PLAN
(Hazardous Materials Emergency and Contingency Plan)

Suwannee American Cement Company, LLC.

Hazardous Materials Emergency and Contingency Plan

September 2014
Revised January 9, 2019
Revised May 27, 2022
for
Modification of Permit No. 297136-003- WT

TABLE OF CONTENTS

Introduction

This Hazardous Materials Emergency and Contingency Plan details the minimum steps that must be taken by all employees when responding to an incident involving a hazardous material spill or other emergencies. The goal of the plan is to provide employees with safe and effective methods to prevent and control hazardous material spills, which pose a potential threat the human health and/or the environment and to notify the appropriate emergency service provider for assistance, where necessary. The provisions of this plan must be carried out immediately whenever there is a fire, explosion, or unplanned sudden or non-sudden release of a hazardous substance to air, soil, or water is noticed. Intentional or negligent spills of hazardous materials will not be tolerated and may result in disciplinary action in accordance with company policies.

Employee awareness and management support are essential to spill prevention and the control of spills that may occur. This Plan is presented as a general guideline to minimize adverse effects to human health and the environment in the event of an unintended release of a hazardous material.

Emergency Services Coordination

The Sumterville Fire Department will respond to fire and medical emergencies and facilitate the care and transportation of injured personnel to appropriate medical facility. Local medical facilities are aware of the potential emergency needs through the routine activities of worker's compensation care and claims.

Spill Prevention

The prevention of hazardous material spills is the ultimate goal, however, the areas where large quantities of hazardous materials are stored and/or dispensed are susceptible to minor spills during normal operations. The periodic inspection of tanks and associated pumps, valves, piping, hoses, and containment structures, is essential to good spill prevention measures. Minor leaks at or near these locations can be managed with absorbent materials and/or drip pans while arrangements are made to repair or replace defective parts.

At locations where bulk loads of hazardous material are unloaded, there must be adequate provisions to control the potential of spillage during the coupling and uncoupling of hoses. The unloading must be monitored at all times. The drivers will typically monitor the offloading pump, hoses and coupling during this process. A key element of this process is to make sure that there is adequate space in the tank or container for the delivery volume. In the event the tank is not equipped with automatic overfill protection, care must be taken to prevent over filling the tank.

A competent person must inspect designated hazardous material storage locations, at least once a month and more frequently as warranted by site conditions. The results of the inspection must be documented, and any deficiencies must be corrected as soon as possible.

Good housekeeping around hazardous material storage areas must be maintained clean and tidy at all times. The accumulation of combustible or incompatible materials must not be allowed. Minor spills from dispensing hoses, pumps, valves, or piping must be addressed immediately upon discovery and the source of the leak must be controlled. Minor spills on metal or concrete surfaces may present a slip hazard and should be cleaned up as soon as practical. The spill of a combustible material may present a fire hazard. It is the responsibility of all employees to report and/or take immediate corrective action regarding spills or potential spills of hazardous materials.

Spill Reporting

An emergency coordinator should be contacted, whenever there is an imminent or actual emergency. These individuals will be responsible for insuring employee safety, spill cleanup/recovery, coordinating the appropriate emergency services, and the initial reporting of the spill. The safety and wellbeing of all employees will be the first priority. The emergency coordinator will have the authority to commit the resources necessary to control, contain, and/or cleanup the spilled material. When it becomes necessary, contacting the emergency coordinator will proceed in accordance with the following mandatory notification list.

Emergency Coordinators	Order of Contact	Contact Phone Number
Dirk Cox Plant Manager	1	(352) 626-2253 - Cellular Radio
Rene Sotomayor Production Manager	2	(352) 626-2395 - Cellular Radio
Mark Autry Health & Safety Manager	3	(352) 626-2908 - Cellular Radio
Manuel Sequera Environmental Manager	4	(352) 569-2217 - Office (813) 616 0343- Cellular

The progression of notification shall proceed as indicated until an emergency coordinator is contacted, that is available for immediate response. Once on scene, the emergency coordinator will determine the need for contacting additional emergency coordinators. However, the Environmental Manager shall be contacted in all cases. The Environmental Manager will determine the need for and make the appropriate notifications and reports to regulatory agencies.

Spill Response Equipment Location

The attached plot plan (Appendix 3) identifies buildings, process locations, hazardous material storage areas, and the location of spill equipment. In addition to the spill equipment, the operation has several types of heavy equipment such as dozers and front-end loaders that may be used to construct berms and impoundments to contain large spills and facilitate cleanup, when necessary.

Storm Water Management System

This facility is designed to manage the storm water from rainfall events with zero discharge to off property surface water features. A series of Stormwater retention ponds collect all, in plant, rainfall run off. Furthermore, the perimeter elevation of the facility is higher than adjacent land surfaces to prevent any off-site runoff.

Hazardous Materials Storage

The various hazardous materials stored in the facility are listed below and their location is depicted on the plot plan (Appendix 3). Tanks are all constructed of materials compatible with the contents and are of double walled construction or have other appropriate secondary containment for potential spills. Where required, storage tanks are equipped with leak detection, high-level alarm, overfill protection, and/or a level indicator. All tanks are above ground and are inspected at least once a month for product tightness and housekeeping.

- Above Ground Storage Tanks: Plot Plan #34

  20,000 Gal. On-Spec Fuel Tank
  20,000 Gal. On-Spec Fuel Tank
  10,000 Gal. Off-Road Diesel Tank
  10,000 Gal. 19.5% Ammonia Tank
  10,000 Gal. Grinding Aid Tank
  10,000 Gal. Masonry Additive Tank
  600 Gal. Off-Road Diesel Fuel Tank, GEN Set
  500 Gal. Unleaded Gasoline Tank

- Coal Storage Building: Plot Plan #15
  6,000 tons Coal

Oil Storage Areas:

- Finish Mill Building: Plot Plan #11
  4,000 Liter (1,056 Gal.) Finish Mill Gearbox
  2,000 Liter (528 Gal.) Hydraulic Oil Tank
  540 Liter (143 Gal.) Hydraulic Oil Tank

- Clinker Cooler Hydraulic Room: Plot Plan #8
  1,600 Liter (422 Gal.) Hydraulic Oil Reservoir

- Coal Mill Hydraulic Room: Plot Plan #16
  160 Liter (42 Gal.) Hydraulic Oil Tank

- Coal Mill Gearbox: Plot Plan #16
  460 Liter (121 Gal.) Coal Mill Gearbox

- Raw Mill Building: Plot Plan #2
  2,450 Liter (647 Gal.) Raw Mill Gearbox
  240 Liter (63 Gal.) Hydraulic Oil Tank
  240 Liter (63 Gal.) Hydraulic Oil Tank
  240 Liter (63 Gal.) Hydraulic Oil Tank
  240 Liter (63 Gal.) Hydraulic Oil Tank
  400 Liter (105 Gal.) Hydraulic Oil Tank
  400 Liter (105 Gal.) Hydraulic Oil Tank

- Raw Material Storage (RMS) Reclaimer: Plot Plan #1
  200 Liter (53 Gal.) Chain Lube Tank

- Quarry Maintenance Shop: One (1) Mile North of RMS Building
  6 – 55-gallon drums of oil

Gas Cylinder Storage Areas:

- West of Raw Mill building, Ground Floor: Plot Plan #3
  Hydrogen
  Propane
  Oxygen
  Acetylene
  Nitrogen

- South of Main Baghouse Fan, Ground floor: Plot Plan #3
  CEMS Gasses

- Preheater Tower 6th Floor: Plot Plan #4
  Hydrogen
  CEMS Gasses

Emergency Spill Materials

Emergency spill materials are located in the Maintenance Warehouse for easy access and availability. Emergency spill materials are located at the Quarry Maintenance Shop.

Spill Quantity

A spill is defined as an unexpected and unplanned release of a hazardous material from a container or tank, to the ground or surface water. Operationally, spills of hazardous materials will be divided into two categories, small and large. A small spill is defined as greater than one (1) gallon but less than five (5) gallon. A small spill should be cleaned up immediately, by the employee(s) involved, and then reported to the Environmental Manager for follow up.

A large spill is defined as greater than five (5) gallons. In the case of a large spill, efforts must be made to stop the flow of material and contain the spill. The area of the spill should be barricaded immediate to keep personnel and/or equipment out of the area until cleanup activities are initiated. Report the incident to an emergency coordinator. The emergency coordinator will then determine the next level of response and take the actions necessary to insure spill containment and cleanup of the spill. The Environmental Manager must always be contacted so appropriate regulatory notifications can be made, if required, and oversight of the clean-up.

The unexpected or unplanned release of compressed gas will be treated as large spill. In the case of compressed gas, where there is no safe provision to turn off the flow of the gas, do not approach the tank. Notify all personnel that may be exposed to the gas, evacuate as needed, and allow the gas to vent. If the gas is flammable, be sure that potential sources of ignition are extinguished, and that mobile equipment is not allowed to enter the area where the gas is venting.

A leak or a release from a container via a puncture or other small opening or a weak spot in the container must be sealed or the material must be placed in another appropriate container. Container leaks will be treated as small spills unless they result in a rapid discharge of material in excess five (5) gallons.

Spill Response

Prior to the spill response, obtain proper personal protective equipment (PPE) suitable for the material involved. If there are any questions as to the type of PPE needed, refer to the safety data sheet for the material. SDS sheets are stored online and can be accessed through QR at our Hazardous product information centers. Scanning QR codes give employees access to all hazardous product safety data sheets(SDS) located at our facility. The level of protection required may be influenced by the quantity and type of material spilled. When there are valves/piping involved, and if can safely be done, an attempt should be made to stop the flow of the material and then limit the dispersal of the material with absorbent materials or soil. All employees that are not involved in the spill response must be kept out of the spill area. Whenever it is practical, any usable hazardous material should be recovered and retained for its intended use.

Spill Recovery/Cleanup

All material used for cleanup and any contaminated soil, resulting from the spill, should be containerized as soon as possible. Generally, a fifty-five (55) gallon open top drum, with a lid and lock ring, should be used for this purpose. Larger containers such as roll-off boxes may be

needed to minimize the number of drums needed. Based on product knowledge and/or the MSDS sheet, a determination will be made as to the type of waste generated. Non-hazardous and hazardous will be managed in accordance with applicable local, state, and federal regulations.

Fire/Explosion

Immediately report any fire or explosion to the shift supervisor and if any injuries are involved, the well being of those involved is the first concern. Only after reporting the fire should you attempt to extinguish it; again, evacuate those not involved in controlling the fire. If it can safely be performed, approach the fire with available portable fire extinguishers. Preferably, there should be at least two people involved in extinguishing the fire to minimize the potential for a single person to need aid or assistance and there is no one around. If the fire has not been extinguished with one (1) or two (2) fire extinguishers, the fire department should be called using the 911 emergency services number and follow the instructions below:

Fire Reporting to Sumterville Fire Department

When an employee becomes aware a fire cannot be extinguished with fire extinguishers then:

- Contact the Control Room via radio
- Control Room personnel will dial 911 to notify the Sumter County Fire Department
- Control Room personnel will contact all Emergency Coordinators via radio or telephone
- All personnel near the fire shall be evacuated to a safe gathering point.
- Personnel will be accounted for, if possible, prior to Fire Department arrival.
- The guard on duty will be notified at telephone extension 2042 to allow entry of Fire Department personnel and equipment.
- An Emergency Coordinator or designee will meet Fire Department to direct to fire location via most expedient route, and report of personnel not accounted for.
- If the fire involves the Waste Tire System the Environmental Manager will contact FDEP, Central District, Solid Waste Program, of the incident via telephone (attachment 1, Verbal Form), and follow-up with a written report (attachment 2, Written Form) within two weeks.

Emergency Coordinators	Order of Contact	Contact Phone Number
Dirk Cox Plant Manager	1	(352) 626-2253 - Cellular Radio
Rene Sotomayor Production Manager	2	(352) 626-2395 - Cellular Radio
Mark Autry Health & Safety Manager	3	(352) 626-2908 - Cellular Radio
Manuel Sequera Environmental Manager	4	(352) 569-2217 - Office (813) 616 0343- Cellular

Injuries

If a serious injury results, from any incident, the emergency services number, 911, should be called immediately. A victim should not be moved unless they are in a position or location that exposes them to further injury. If the victim must be moved, *always* assume a neck/spinal injury and handle them accordingly to prevent movement of the head, neck, or spine. When placing the call give brief description of the incident, the number of employees involved, your location or address, your name, and telephone number. Again, do not hang up until you are sure the person on the other end of the line has all the information they need. They may also give you instructions on the care of the injured until the arrival of emergency services. When the emergency service personnel have attended to the injured, ask them to which medical facility they will be transporting the injured. Be sure that a family member of the injured person(s) is notified of their injury and the facility they were transported, as soon as possible.

Emergency Coordinators	Order of Contact	Contact Phone Number
Lindsey Morris Human Resources Manager	1	(352) 250-9840 - Cellular (352) 569-2223 - Office
Mark Autry Health & Safety Manager	2	(352) 626-2908 - Cellular Radio
Dirk Cox Plant Manager	3	(352) 626-2253 - Cellular Radio

Container Management

For the purposes of this plan, a container will be defined as 65 gallons or less. All containers shall be of substantial construction and compatible with the material stored and must be labeled as to the contents, regardless of the size of the container. The label of a container must be maintained in legible condition until it is empty. Whenever, material is transferred from the original container into another container. The receiving container must be labeled with names of the material. All containers must be capable of being sealed with a cap or lid, free of holes, and in good condition. When open top containers are used to drain fluids or oil from equipment, it should be filled no more that three-quarters (3/4) full. The materials should be immediately transferred, after sealing with lid and ring tightened, to a tank or closed top container. Do not leave open top containers at the job site or in areas not protected from the rain or other sources of water.

When a container is empty, and intended to be used as a storage container, it should be labeled empty. If the drum is returnable for deposit if should be transported to the approved holding location for return drums. If the drum is not returnable transport to the nearest waste / recyclable materials storage area for re-use.

Employee Awareness Program

This plan will be distributed to managers and supervisors and will be incorporated into routine training session for plant employees.

Other notification of incidents

If warranted MSHA will be contacted as required for regulatory compliance.

Record keeping

The Environmental Manager will maintain records relating this plan and when necessary make the required reports to regulatory agencies.

APPENDIX 1

VERBAL EMERGENCY INCIDENT REPORT

FDEP, Central District, Solid Waste Program at telephone number: 407-897-4300

Date of Incident:_____

Verbal Notification by: _____

Verbal Notification to: _____

Description of Emergency: _____

_____

_____

_____

_____

Actions Being Taken to Deal with Emergency: _____

_____

_____

_____

_____

Follow-up:

Within two weeks of any emergency, the operator of the site shall submit to the Department (FDEP Solid Waste Program) a written report on the emergency.

- F.A.C. 62-711.540(f)

APPENDIX 2

WRITTEN EMERGENCY INCIDENT REPORT

Date of Incident: _____

Verbal Notification by: _____

1. Describe origins of emergency:

2. Actions taken to deal with emergency:

3. Results of actions taken:

4. Success and Failure Analysis of event:

   a. Successes:

   b. Failures:

   c. Analysis and Improvements:

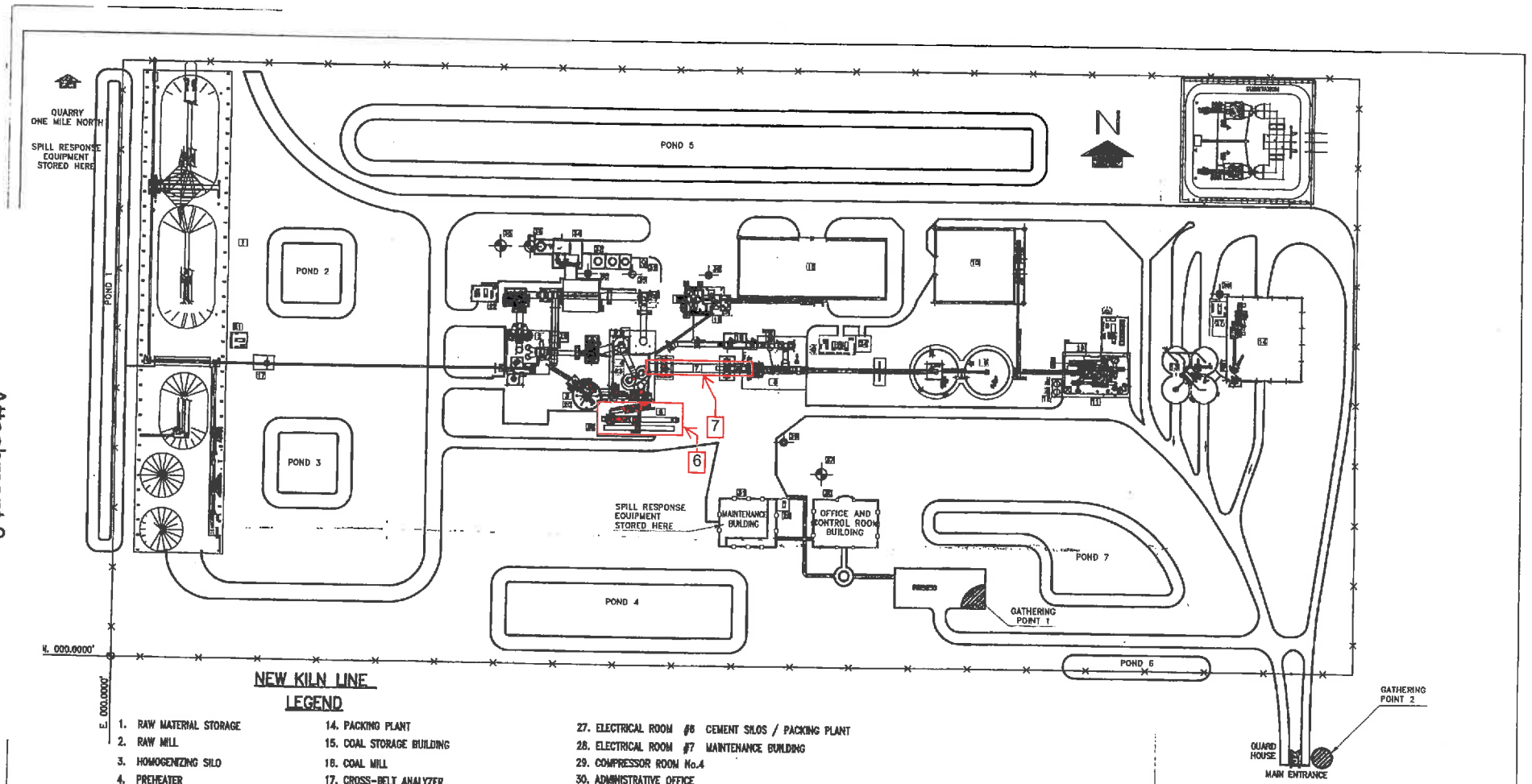
Instructions for use:

Within two weeks of any emergency, the operator of the site shall submit to the Department (FDEP Waste Section) a written report on the emergency.

- F.A.C. 62-711.540(f)
- FDEP, Central District, Solid Waste Program
  3319 Maguire Blvd., Suite 232
  Orlando, FL 32803-3767

APPENDIX 3

Attachment 3



NEW KILN LINE
LEGEND

1. RAW MATERIAL STORAGE
2. RAW MILL
3. HOMOGENIZING SILO
4. PREHEATER
5. GAS CONDITIONING TOWER
6. TIRE FEED SYSTEM
7. ROTARY KILN
8. COOLER & BURNER BUILDING
9. CLINKER STORAGE SILOS
10. GYPSUM STORAGE
11. FINISH MILL
12. GRINDING AID TANKS
13. CEMENT STORAGE SILOS
14. PACKING PLANT
15. COAL STORAGE BUILDING
16. COAL MILL
17. CROSS-BELT ANALYZER
18. COMPRESSOR ROOM No.1
19. COMPRESSOR ROOM No.2
20. COMPRESSOR ROOM No.3
21. ELECTRICAL ROOM #1 R.M.S. BUILDING
22. ELECTRICAL ROOM #2 RAW MILL
23. ELECTRICAL ROOM #3 PREHEATER
24. STAND-BY GENERATOR & FUEL TANK
25. ELECTRICAL ROOM #4 CLINKER COOLER
26. ELECTRICAL ROOM #5 FINISH MILL
27. ELECTRICAL ROOM #6 CEMENT SILOS / PACKING PLANT
28. ELECTRICAL ROOM #7 MAINTENANCE BUILDING
29. COMPRESSOR ROOM No.4
30. ADMINISTRATIVE OFFICE
31. MAINTENANCE BUILDING (SPILL EQUIPMENT INSIDE)
32. AMMONIA TANK 19.5%
33. FUEL TANKS
34. WATER COOLING TOWER
35. PROCESS WATER WELL #1: 12 inch casing, 500 feet deep
36. PROCESS WATER WELL #2: 12 inch casing, 500 feet deep
37. POTABLE WATER WELL: 5 inch casing, 200 feet deep
38. GAS CYLINDER STORAGE
39. FIRE HYDRANT

COMPUTER GENERATED DRAWING

DRN:	DOR	10/23/09	SCALE: SCALE	PROJECT:
CHKD:				
APPD:				
DRAWING TITLE: PLANT_LAYOUT ATTACHMENT 3				
REFERENCE:		DRAWING NO:	SHEET: 0 OF 0	REV: REV
			SHEET SIZE: 0	

Received NOV 2 8 2009

ATTACHMENT 7

FIRE SAFETY SURVEY

Sumter County Fire Rescue (FL)
7375 Powell Rd. Suite 129
Wildwood, FL 34785

Department Violation Notice

November 1, 2021

ASH GROVE CEMENT LLC
4766 C-470 E, TIRE RECYCLING
Sumterville, FL 33585

Sumter County Fire & EMS Prevention Bureau conducted an inspection of your facility at the above address on Nov 1, 2021
No violations were revealed during this inspection.

Inspection Note 11/1/21. A/I

THIS IS AN OUTDOOR TIRE CRUSHING MACHINE.

R.SMITH, F.I.

ROBERTSMI Robert Smith
Inspector

Mark autry

PART III

SECTION C– CLOSING COST ESTIMATES
and
SECTION D - FINANCIAL ASSURANCE

Note: Rule 62-711.700(2) and (3) was repealed on February 16, 2012. Therefore this section addresses the required closing cost estimates and financial assurance as required by the applicable sections of the current Rule 62-711.500(3).

C. Completed closing cost estimates as required by Rule 62-711.500(3) FAC.
The facility's closing cost estimates are provided as Attachment 8.

D. Proof of financial assurance as required by Rule 62-711.500(3)(a)
Updated closing cost documents are provided in Attachment 8. Those include a P.E certified closing cost estimate, Form 62-701.900(28), and a copy of the current financial assurance instrument (bond) of $10,000. The closing cost estimate has increased from $6619.84 from 2021 to $9943.63 The current bond exceeds the estimated closing costs.

ATTACHMENT 8

CLOSING COSTS AND PROOF OF FINANCIAL ASSURANCE

KOOGLER & ASSOCIATES, INC.
ENVIRONMENTAL SERVICES

690-22-01
December 9, 2022

ATTACHMENT 8
Suwannee American Cement Company, LLC – Suwannee American Cement
Tire Processing Facility
FDEP File No. 297136-003-WT/WACS No. SWD/60/98523
Closing Cost Estimate
December 9, 2022

The purpose of this submittal is to fulfill the requirements of Rule 62-711.500(3) F.A.C., to provide a re-estimate of the closing costs for tires at the Suwannee American Cement Tire Processing Facility. Koogler and Associates, Inc. is providing this closing cost estimate for the cost to remove, process, and dispose of the maximum amount of waste tires that is permitted to be stored at the facility at any time.

ESTIMATED CLOSING COSTS:

Tire Disposal

The estimated cost to remove, process, and dispose of the maximum permitted amount of tires stored at the facility at any time (8,040 tires/80.4 tons) is as follows:

80.4 tons @ $80/ton = $6,432 (or $0.80/tire) in 2019 (third party estimate)
2022 Annual Disposal Cost Estimate using FDEP inflation factor for 2021/2022 of 1.012 = $6,619.84 (Approved by FDEP on 07/19/2021);
Increase from 80.4 tons to 119.4 tons @ $80/ton = $9,552.00
Cost Estimate using FDEP inflation factor of 1.041 for 2022/2023
=$9,943.63

This cost estimate is backed by a third-party cost estimate from McGee Tire Company, Inc. dated January 9, 2019 (attached).

The Current Bond Amount = $10,000, Hartford Bond No. 13BSBFQ9243

Professional Engineer Certification

Signature

Date 1/9/23

Maxwell R. Lee, Ph.D., P.E.
Koogler and Associates, Inc.
PO Box 5127; Gainesville, FL 32627-5217
352-377-5822
mlee@kooglerassociates.com

Seal:
No. 58091
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Print Form Reset Form

Florida Department of Environmental Protection

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

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

Form Title: Closure Cost Estimating Form For Solid Waste Facilities

Effective Date: January 6, 2010

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

CLOSURE COST ESTIMATING FORM FOR SOLID WASTE FACILITIES

Date of DEP Approval: _____

I. GENERAL INFORMATION:

Facility Name: Suwannee American Cement Plant Waste Tire Processing Facility WACS ID: 98523

Permit Application or Consent Order No.: Modification of 297136-003-WT Expiration Date: _____

Facility Address: 4750 East County Road 470

Permittee or Owner/Operator: Suwannee American Cement Company, LLC

Mailing Address: PO Box 445; Sumterville, FL 33585

Latitude: 28 ° 45 ' 38 N " Longitude: 82 ° 01 ' 35 W "

Coordinate Method: Degrees/Min/Sec Datum: WGS84 (assumed)

Collected by: source: Goodle Earth 3/7/2022 Company/Affiliation: NA

Solid Waste Disposal Units Included in Estimate:

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

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

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

II. TYPE OF FINANCIAL ASSURANCE DOCUMENT (Check type)

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

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

Northwest District
160 Government Center
Pensacola, FL 32502-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. B200
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 33637
813-632-7600

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33901-3881
239-332-6975

Southeast District
400 N. Congress Ave., Ste. 200
West Palm Beach, FL 33401
561-681-6600

III. ESTIMATE ADJUSTMENT

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

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

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

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

Latest Department Approved **Closing Cost** Estimate:		Current Year Inflation Factor, ***e.g. 1.02***		Inflation Adjusted Closing Cost Estimate:
_____	×	_____	=	_____

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

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

Number of Years of Long Term Care Remaining: × _____

Inflation Adjusted Long-Term Care Cost Estimate: = _____

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

Signature

Maxwell R. Lee, Ph.D., P.E.
Name & Title

12/16/22
Date

Telephone Number

PO Box 5127
Address

Gainesville, FL 32627-5127
City, State, Zip Code

mlee@kooglerassociates.com
E-Mail Address

IV. ESTIMATED CLOSING COST (check what applies)

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

Notes: 1. Cost estimates for the time period when the extent and manner of landfill operation makes closing most exp
2. Cost estimate must be certified by a professional engineer.
3. Cost estimates based on third party suppliers of material, equipment and labor at fair market value.
4. In some cases, a price quote in support of individual item estimates may be required.

Description	Unit	Number of Units	Cost / Unit	Total Cost
1. Proposed Monitoring Wells	**(Do not include wells already in existence.)**			
	EA	_____	_____	_____
			Subtotal Proposed Monitoring Wells:	_____
2. Slope and Fill (bedding layer between waste and barrier layer):				
Excavation	CY	_____	_____	_____
Placement and Spreading	CY	_____	_____	_____
Compaction	CY	_____	_____	_____
Off-Site Material	CY	_____	_____	_____
Delivery	CY	_____	_____	_____
			Subtotal Slope and Fill:	_____
3. Cover Material (Barrier Layer):				
Off-Site Clay	CY	_____	_____	_____
Synthetics - 40 mil	SY	_____	_____	_____
Synthetics - GCL	SY	_____	_____	_____
Synthetics - Geonet	SY	_____	_____	_____
Synthetics - Other (explain) _____	_____	_____	_____	_____
			Subtotal Cover Material:	_____
4. Top Soil Cover:				
Off-Site Material	CY	_____	_____	_____
Delivery	CY	_____	_____	_____
Spread	CY	_____	_____	_____
			Subtotal Top Soil Cover:	_____
5. Vegetative Layer				
Sodding	SY	_____	_____	_____
Hydroseeding	AC	_____	_____	_____
Fertilizer	AC	_____	_____	_____
Mulch	AC	_____	_____	_____
Other (explain) _____	_____	_____	_____	_____
			Subtotal Vegetative Layer:	_____
6. Stormwater Control System:				
Earthwork	CY	_____	_____	_____
Grading	SY	_____	_____	_____
Piping	LF	_____	_____	_____
Ditches	LF	_____	_____	_____
Berms	LF	_____	_____	_____
Control Structures	EA	_____	_____	_____
Other (explain)_____	_____	_____	_____	_____
			Subtotal Stormwater Control System:	_____

Description	Unit	Number of Units	Cost / Unit	Total Cost
7. Passive Gas Control:				
Wells	EA			
Pipe and Fittings	LF			
Monitoring Probes	EA			
NSPS/Title V requirements	LS	1		
			Subtotal Passive Gas Control:	
8. Active Gas Extraction Control:				
Traps	EA			
Sumps	EA			
Flare Assembly	EA			
Flame Arrestor	EA			
Mist Eliminator	EA			
Flow Meter	EA			
Blowers	EA			
Collection System	LF			
Other (explain)				
			Subtotal Active Gas Extraction Control:	
9. Security System:				
Fencing	LF			
Gate(s)	EA			
Sign(s)	EA			
			Subtotal Security System:	
10. Engineering:				
Closure Plan Report	LS	1		
Certified Engineering Drawings	LS	1		
NSPS/Title V Air Permit	LS	1		
Final Survey	LS	1		
Certification of Closure	LS	1		
Other (explain)				
			Subtotal Engineering:	

Description	Hours	Cost / Hour	Hours	Cost / Hour	Total Cost
11. Professional Services					
	Contract Management		Quality Assurance		
P.E. Supervisor					
On-Site Engineer					
Office Engineer					
On-Site Technician					
Other (explain)					

Description	Unit	Number of Units	Cost / Unit	Total Cost
Quality Assurance Testing	LS	1		
			Subtotal Professional Services:	

Subtotal of 1-11 Above:

12. Contingency _____ % of Subtotal of 1-11 Above

Subtotal Contingency:

Estimated Closing Cost Subtotal:

Description	Total Cost
13. Site Specific Costs	
Mobilization	
Waste Tire Facility	$9,943.63
Materials Recovery Facility	
Special Wastes	
Leachate Management System Modification	
Other (explain) _____	
_____ Subtotal Site Specific Costs:	$9,943.63

TOTAL ESTIMATED CLOSING COSTS ($): $9,943.63

V. ANNUAL COST FOR LONG-TERM CARE

See 62-701.600(1)a.1., 62-701.620(1), 62-701.630(3)a. and 62-701.730(11)b. F.A.C. for required term length. For landfills certified closed and Department accepted, enter the remaining long-term care length as "Other" and provide years remaining.

(Check Term Length) ☐ 5 Years ☐ 20 Years ☐ 30 Years ☐ Other, ___ Years

Notes: 1. Cost estimates must be certified by a professional engineer.

2. Cost estimates based on third party suppliers of material, equipment and labor at fair market value.

3. In some cases, a price quote in support of individual item estimates may be required.

All items must be addressed. Attach a detailed explanation for all entries left blank.

Description	Sampling Frequency (Events / Year)	Number of Wells	(Cost / Well) / Event	Annual Cost
1. Groundwater Monitoring [62-701.510(6), and (8)(a)]				
Monthly	12			
Quarterly	4			
Semi-Annually	2			
Annually	1			
			Subtotal Groundwater Monitoring:	
2. Surface Water Monitoring [62-701.510(4), and (8)(b)]				
Monthly	12			
Quarterly	4			
Semi-Annually	2			
Annually	1			
			Subtotal Surface Water Monitoring:	
3. Gas Monitoring [62-701.400(10)]				
Monthly	12			
Quarterly	4			
Semi-Annually	2			
Annually	1			
			Subtotal Gas Monitoring:	
4. Leachate Monitoring [62-701.510(5), (6)(b) and 62-701.510(8)c]				
Monthly	12			
Quarterly	4			
Semi-Annually	2			
Annually	1			
Other (explain) _____	_____			
_____			Subtotal Leachate Monitoring:	

Description	Unit	Number of Units / Year	Cost / Unit	Annual Cost
5. Leachate Collection/Treatment Systems Maintenance				
Maintenance				
Collection Pipes	LF			
Sumps, Traps	EA			
Lift Stations	EA			
Cleaning	LS	1		
Tanks	EA			

Description	Unit	Number of Units / Year	Cost / Unit	Annual Cost
5. (continued)				
Impoundments				
Liner Repair	SY			
Sludge Removal	CY			
Aeration Systems				
Floating Aerators	EA			
Spray Aerators	EA			
Disposal				
Off-site (Includes transportation and disposal)	1000 gallon			
			Subtotal Leachate Collection / Treatment Systems Maintenance:	
6. Groundwater Monitoring Well Maintenance				
Monitoring Wells	LF			
Replacement	EA			
Abandonment	EA			
			Subtotal Groundwater Monitoring Well Maintenance:	
7. Gas System Maintenance				
Piping, Vents	LF			
Blowers	EA			
Flaring Units	EA			
Meters, Valves	EA			
Compressors	EA			
Flame Arrestors	EA			
Operation	LS	1		
			Subtotal Gas System Maintenance:	
8. Landscape Maintenance				
Mowing	AC			
Fertilizer	AC			
			Subtotal Landscape Maintenance:	
9. Erosion Control and Cover Maintenance				
Sodding	SY			
Regrading	AC			
Liner Repair	SY			
Clay	CY			
			Subtotal Erosion Control and Cover Maintenance:	
10. Storm Water Management System Maintenance				
Conveyance Maintenance	LS	1		
			Subtotal Storm Water Management System Maintenance:	
11. Security System Maintenance				
Fences	LS	1		
Gate(s)	EA			
Sign(s)	EA			
			Subtotal Security System Maintenance:	

Description	Unit	Number of Units / Year	Cost / Unit	Annual Cost
12. Utilities	LS	1		
			Subtotal Utilities:	
13. Leachate Collection/Treatment Systems Operation				
Operation				
P.E. Supervisor	HR			
On-Site Engineer	HR			
Office Engineer	HR			
OnSite Technician	HR			
Materials	LS	1		
		Subtotal Leachate Collection/Treatment Systems Operation:		
14. Administrative				
P.E. Supervisor	HR			
On-Site Engineer	HR			
Office Engineer	HR			
OnSite Technician	HR			
Other _____				
			Subtotal Administrative:	
			Subtotal of 1-14 Above:	
15. Contingency		% of Subtotal of 1-14 Above		
			Subtotal Contingency:	

Description	Unit	Number of Units / Year	Cost / Unit	Annual Cost
16. Site Specific Costs				
			Subtotal Site Specific Costs:	
			ANNUAL LONG-TERM CARE COST ($ / YEAR):	
			Number of Years of Long-Term Care:	
			TOTAL LONG-TERM CARE COST ($):	

VI. CERTIFICATION BY ENGINEER

This is to certify that the Cost Estimates pertaining to the engineering features of this solid waste management facility have been examined by me and found to conform to engineering principles applicable to such facilities. In my professional judgment, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and/or long-term care of the facility and comply with the requirements of Rule 62-701.630 F.A.C. and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Cost Estimates shall be submitted to the Department annually, revised or adjusted as required by Rule 62-701.630(4), F.A.C.

Signature

PO Box 5127
Mailing Address

Maxwell R. Lee, Ph.D., P.E.
Name and Title (please type)

Gainesville, FL 32627-5217
City, State, Zip Code

Date: 12/15/2010

mlee@kooglerassociates.com
E-Mail address (if available)

58091
Florida Registration Number

352-377-5822
Telephone Number

MAXWELL R. LEE No. 58091 STATE OF FLORIDA PROFESSIONAL ENGINEER
(please affix seal)

VII. SIGNATURE BY OWNER/OPERATOR

Signature of Applicant

PO Box 445
Mailing Address

Dirk Cox, Plant Manager
Name and Title (please type)

Sumterville, FL 33585
City, State, Zip Code

dirk.cox @ashgrove.com
E-Mail address (if available)

352-569-5393
Telephone Number

PART III
SECTION E – LETTER FROM LANDOWNER

E. A letter from the land owner (if different from applicant) authorizing use of the land as a waste tire processing facility.
Not applicable – Suwannee American Cement owns the land.

PART III
SECTION F – OTHER ENVIRONMENTAL PERMITS

F. If waste tires will be consumed 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.

Tires are burned in the cement kiln as a supplemental fuel. Therefore, the facility must be authorized under an air permit to burn tires in the kiln. The facility is permitted to burn whole tires and tire-derived fuels in the kiln under Title V Permit No. 1190042-023-AV (issued on March 11, 2021). This information is also provided in the Comprehensive Operations Plan provided as Attachment 5.

PART III
SECTION G – PERMIT FEE

G. The permit fee as required in Rule 62-4, FAC.
The required permit fee of $1,250 (per Rule 62-4.050(4)(j)10, FAC) will be paid electronically after application submittal.

PART IV – CERTIFICATION

Except as particularly noted herein, based on information and belief formed after reasonable inquiry, to the best of my knowledge, the statements and information in this document are true, accurate, and complete.

Exceptions to the professional engineering certification are presented below.

1. Attachment 1 – USGS Topographic Map: The topographic map was accessed on 3/1/2022 from http://www.topoquest.com/map.php?lat=28.74499&lon=-82.06342&datum=nad83&zoom=4&cross=on. The map was not prepared or issued by the professional engineer and / or was not under the professional engineer's responsible supervision, direction or control.

2. Attachment 2 – Zoning and Future Land Use Map: The Zoning and Future Land Use map was accessed on 3/2/2022 from Sumter County's GIS Department; https://www.arcgis.com/apps/webappviewer/index.html?id=0f1f020d62c242bcaeb8689876d99881&extent=-9202100.9938,3309346.4355,-9082859.2297,3380738.6199,102100 The information contained in the map was not prepared or issued by the professional engineer and / or was not under the professional engineer's responsible supervision, direction or control.

3. Attachment 4 – Tire Feed System Plan View: The Tire Feed System Plan View was not prepared or issued by the professional engineer and / or was not under the professional engineer's responsible supervision, direction or control. The attached plot plan was part of the application submission dated November 19, 2009 and was included with the permit renewal in 2018. For clarity, Koogler and Associates outlined and labeled the tire injection system on the figure for the 2018 permit renewal. The facility added the truck tipper detail to this drawing in 2022 and provided the revised drawing to Koogler. According to facility personnel, the plot plan is accurate. No other changes have occurred to the figure with this submittal.