

**HERNANDO COUNTY DEVELOPMENT DEPARTMENT  
789 Providence Blvd.  
Brooksville, FL 34601-2893**

**Mining Operation Plan Approval (MOPA) Modification Application**

Date August 2, 2019

**This application, with all exhibits attached, must be completed and filed with this office and approved as sufficient prior to staff notification as required in Section 19-32 of the Hernando County Ordinance 93-13.**

1. Mining company and address: West Florida Aggregates  
35553 Cortez Blvd.  
Webster, FL 33597
  
2. Designated responsible person: Brandell Campbell
  - a. Address: 35553 Cortez Blvd. Webster, FL 33597
  - b. Telephone: 813-714-9850
  
3. Date of Existing Master Mining Plan Approved: M-15-3 approved October 27, 2015
  
4. The following information must be attached:
  - a. Copy of the approved existing mining operation plan.
  - b. Proposed MOPA modification plan with information including:
    1. North arrow, date and scale;
    2. Property lines and ownership, using bearings and distances where available;
    3. Existing natural and manmade features, including streets, utility lines, and other physical features;
    4. Location of any right-of-way lines and easement lines;
    5. Actual size, shape and location of proposed modifications;
    6. Other required information necessary to show compliance with the requirements in article III of this chapter;
  
5. **This application will be reviewed for sufficiency within thirty (30) days and written notification will follow. Any insufficient items will result in notification and the application due date will be extended to afford the opportunity to submit sufficient information.**

6. This application and all supporting documentation offered for review are true and bona fide copies. All information contained herein is correct to the best of my knowledge.

  
\_\_\_\_\_  
Signature of Applicant

STATE OF FLORIDA  
COUNTY OF HERNANDO

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by \_\_\_\_\_ . Personally Known \_\_\_\_\_ OR Produced Identification \_\_\_\_\_ Type of Identification Produced \_\_\_\_\_

\_\_\_\_\_  
(Signature of Notary Public)

\_\_\_\_\_  
(Print, Type, or Stamp Commissioned Name of Notary Public)

# Hernando County 2019 MOPA Modification West Florida Aggregates

E Sciences Project No. 1-2044-001

August 2019



**ENGINEERING  
ENVIRONMENTAL  
ECOLOGICAL**

Prepared for:

Hernando County Development Department  
789 Providence Blvd  
Brooksville, FL 34601-2893

**HERNANDO COUNTY DEVELOPMENT DEPARTMENT**  
789 Providence Blvd.  
Brooksville, FL 34601-2893  
**Mining Operation Plan Approval (MOPA) Modification Application**  
**Date:** August 9, 2019

This application, with all exhibits attached, must be completed and filed with this office and approved as sufficient prior to staff notification as required in Section 19-32 of the Hernando County Ordinance 93-13.

1. Mining company and address: **West Florida Aggregates LLC**  
**35553 Cortez Blvd.**  
**Webster, FL 33597**
  
2. Designated responsible person: **Brandell Campbell**
  - a. Address: **35553 Cortez Blvd., Webster, FL 33597**
  - b. Telephone: **813-714-9850**
  
3. Date of Existing Approval Master Mining Plan: **M-15-3 approved October 27, 2015**
  
4. The following items must be attached:
  - a. Copy of the approved existing mining operation plan
  - b. Proposed MOPA Modification plan with information including:
    1. North arrow, date and scale;
    2. Property lines and ownership, using bearings and distances where available;
    3. Existing natural and manmade features, including streets, utility lines, and other physical features;
    4. Location of any right-of-way lines and easement lines;
    5. Actual size, shape and location of proposed modifications;
    6. Other required information necessary to show compliance with the requirements in article III of this chapter;

**West Florida Aggregates Mine – 2019 MOPA Modification Narrative**

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- Appendix A: Approved MOPA
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### **Overview of Mining Operations and Modification Request**

The information contained in this document is provided in support of West Florida Aggregates LLC (WFA) modification of the existing Mining Operations Plan Approval (MOPA) dated August 23, 2016, associated with a 957± acre mining property identified as the West Florida Aggregates Mine in Ridge Manor, Florida (Site). The existing MOPA is attached as **Appendix A**.

The proposed MOPA modification involves expanding the mine footprint 34.36 acres to the southwest onto adjacent permitted areas in continuation of the existing mining operations and initiating overburden stripping on a portion of the permitted North Expansion Area (NEA) as depicted **Figure 1**. Hernando County staff reviewed the NEA and a future eastward expansion of the mine in 2009/2010 and 2012 respectively, in association with rezoning of the expansion parcels. The Hernando County Development Department approved the current Master Mining Plan Approval (MAMPA) on October 27, 2015 and approved a current MOPA on August 23, 2016.

Consistent with the existing operations, WFA plans to mine and process the Ocala Limestone from the southwest area of the existing Site to produce three finished products: 1) crushed baserock, 2) screenings, and 3) aglime. Hard-aggregate stone product is not produced. The depth of the mining will not exceed 120 feet (ft) below ground surface as approved in the existing MAMPA.

Prior to mining the limestone, surficial layers of sand and clay (overburden) will be excavated and either stockpiled at the Site or placed back in the mine cuts for storage. Blasting is used to break apart and loosen the limestone prior to “wet” excavation by draglines. The blasting is performed by licensed contractors who use state-of-the-art blasting technology. A third-party seismologist monitors blasting vibration per the State of Florida Fire Marshal regulations. As such, residential impacts are not expected from blasting. Following excavation of the limestone, the material is transported for processing to a fixed processing plant on the northern portion of the Site to produce the finished product. This step generally involves crushing, washing, and screening unit operations to produce crushed baserock, screenings and aglime.

Water for processing and rinsing the stone is pumped from the active quarry and is routed to the screening plant through supply piping. The water is used to wash the fines from the crushed rock. The material is sorted by size and stockpiled in the plant area. The resultant process rinse water is then routed from the plant back to the active quarry for settling. The system is closed-looped and all water that is not lost to evaporation or that does not adhere to the product is recycled.

Haul roads are limited to those necessary to support mining within the mining area and consist of roads to move material from the active pit to the crushing plant and haul roads to facilitate transfer and management of overburden materials. Access to and from the Site will generally be accommodated via an existing entrance to the property from State Road 50 (**Figure 1 and 2**).

Easements, setbacks and buffers are depicted on **Figure 3**. Protective berms and vegetative buffers will be constructed within setbacks along the limits of operations where necessary. Berms will be constructed of overburden materials from the mining process and will be removed as part of the reclamation process. A large portion of the Site east of the CSX rail will remain undisturbed in its natural vegetative state or in conservation easement (**Figure 4**). Landowners within 150 ft of the Site have been identified and are depicted on **Figure 5** and **Table 1**. Detailed response to requests contained in Item 4 of the County's MOPA Modification Application are provided below:

**4.a. Approved Existing Mining Operations Plan**

**Appendix A** provides the previously approved mining operations plan for WFA.

**4.b. Proposed MOPA Modification plan**

Modification of the areas to be mined until the expiration of the MOPA are depicted on **Figure 1**. No additional changes to mining operations are proposed.

**4.b.1. Aerial of West Florida Aggregates**

The 2017 aerial Photograph of Site is presented as **Figure 2**.

**4.b.2. Property Ownership Map**

Properties within 150 ft of the Site boundary are depicted on **Figure 5** and **Table 1**.

**4.b.3. MOPA Location and Setbacks Map**

The areas of excavation, adjacent property lines, easements, the setbacks, buffers, and berms are depicted on **Figure 3**.

**4.b.5. Modification of Excavation Schedule and Map**

The areas of excavation, areas of stripping, haul roads and general operation of WFA are depicted on **Figure 1**. The eastern portion of WFA will not be mined within the current MOPA modification. Mining is currently occurring in the southern portion of the Site and this MOPA Modification has been prepared prior to mining additional permitted area to the southwest of the current operations. In addition, stripping of a portion of the previously approved NEA will be conducted under this MOPA modification in accordance with the following table:

**Schedule of Excavation**

Existing Mine – Southwest Area	Stripping	2019-2021 (Year 4 and Year 5)
Existing Mine – Southwest Area	Mining	2019-2021 (Year 4 and Year 5)
North Expansion Area	Stripping	2020-2021

**4.b.6 Environmental Assessment**

Two areas within the Site are scheduled to be disturbed in preparation for mining operations within the next 1-2 years. These areas consist of the southwest portion of the current mining operations and a portion of

the NEA. In preparation for these activities, an updated environmental assessment has been performed to identify potential cultural and natural resources that may be impacted as a result of the proposed mining activities. Results of the updated environmental assessment are discussed in the following sections.

## **Archeology Survey**

### Existing Mine Site – Southwest Area

Archaeological surveys were previously conducted in 2012 and 2014. The surveys did not identify any significant archaeological resources within the areas proposed for mining. The survey results were provided to the State Historic Preservation Office (SHPO), and they determined that no further action was necessary. If evidence of historical and/or archaeological resources are identified onsite during the approved mine operations, then the MOPA may be revised to avoid or mitigate impacts to potential archeological resources. A more detailed discussion on the findings of the archaeological surveys can be found in the MAMPA for the Site (then known as the Mills Mine) submitted by E.R Jahna Industries, Inc. in 2015.

### North Expansion Area

Mining activities within the NEA are scheduled to begin in early 2020. A cultural resource evaluation was performed in 2014. The survey results indicated that no cultural resource concerns were identified within the NEA. A letter from the SHPO dated March 7, 2014 indicated concurrence with the results of the survey and no further action was required.

### East Expansion Area

Mining activities within the East Expansion Area (EEA) are not anticipated to begin within the next two years. A cultural resource evaluation was performed in 2012 as part of the environmental resource permitting process. The survey results indicated that no cultural resource concerns were identified. A letter from the SHPO dated January 17, 2013 indicated concurrence with the results of the survey and no further action was required.

## **Listed Species Surveys**

Listed species surveys were previously performed within proposed mining areas at the Site to document the occurrence or potential for occurrence of species listed as Endangered, Threatened, or Species of Special Concern by the Florida Fish and Wildlife Conservation Commission (FWC) and/or the United States Fish and Wildlife Service (USFWS). Surveys were performed between December 2011 and January 2014 by Environmental Consulting and Design, Inc. (EC&D). Results of these surveys indicated that vegetative communities observed onsite provided low to fair quality habitat for local wildlife and potential listed species. Land management practices (e.g. fire exclusion, livestock management and active mining) have altered the landscape and vegetative communities and have caused the development of a dense, shrub dominated understory in the former pine flatwoods. While this trait provides good cover and nesting habitat for small animals, it does not provide good foraging habitat for large vertebrates. In 2014, EC&D confirmed that gopher tortoises (*Gopherus polyphemus*) were present within the NEA. A detailed discussion for these



surveys can be found in E.R Jahna Industries, Inc 2015 Master Mining Plan Approval (MAMPA) application.

In February 2016, E Sciences Inc. (E Sciences) conducted a listed species survey at the Site, specifically in areas proposed for mining within a 5-year period, including the Southwest Area of the current mining operations and the NEA. Species identified with the potential to occur within the Site included gopher tortoise, Florida burrowing owl (*Athene cunicularia*), Southeastern American kestrel (*Falco sparverius paulus*) and Sherman's fox squirrel (*Sciurus niger shermani*). Additionally, the Site falls within the USFWS Consultation Area for the Florida scrub-jay (*Aphelocoma coerulescens*) and Red-cockaded woodpecker (*Leuconotopicus borealis*). Details describing the survey results for each mining area are discussed below. Additional areas where mining is anticipated to occur within the next two years or where environmental monitoring will be required are also discussed below.

#### Existing Mine Site – Southwest Area

Clearing and overburden removal at the Southwest Area is anticipated to begin in the last quarter of 2019. A preliminary listed species survey was performed for this area on July 30, 2019 and included a gopher tortoise survey. The survey was performed in accordance with the techniques outlined in the *Gopher Tortoise Permitting Guidelines, Appendix 4. Methods for Burrow Surveys on Development (Donor) and Recipient Sites*, FWC, revised February 2015. Gopher tortoises were identified within the limits of clearing and a Conservation Site permit will need to be obtained from the FWC to relocate gopher tortoises to a permitted recipient site. Additionally, suitable habitat for the Eastern Indigo snake (*Drymarchon couperi*) is present within the Southwest Area. Therefore, the USFWS will be notified no later than 30 days prior to performing land disturbance activities and the *Standard Protection Measures for the Eastern Indigo Snake* (USFWS, 2013) will be implemented during all land disturbance/clearing activities. No other listed species or their habitat were identified within this area.

#### North Expansion Area

Clearing and overburden removal within the NEA is anticipated to begin in early 2020. In preparation for these activities, E Sciences performed a listed species survey of the 78.5-acre mining area in February 2019 and again in July 2019. Approximately 99 gopher tortoise burrows were observed within the mining area. Issuance of a Conservation Permit from FWC to relocate the gopher tortoises identified within the mining area is anticipated in August 2019. Additionally, suitable habitat for the Eastern Indigo snake is present within the NEA. Therefore, the USFWS will be notified no later than 30 days prior to performing land disturbance activities and the *Standard Protection Measures for the Eastern Indigo Snake* (USFWS, 2013) will be implemented during all land disturbance/clearing activities.

#### East Expansion Area

No mining is proposed within the EEA under the current approved MOPA or for this proposed modification. Therefore, an updated listed species survey is not required at this time. An updated listed species survey will be performed as appropriate, once the mining schedule for this area has been determined and approved.

### **Wetland Delineation Surveys**

Several wetland surveys have been performed at the Site to support past environmental resource permitting requirements. For a complete list of onsite wetlands to be avoided and impacted for all future mining areas, please see the 2015 MAMPA application, the Southwest Florida Water Management District (SWFWMD) Water Use Permit (WUP) and the Florida Department of Environmental Protection (FDEP) Environmental Resource Permit (ERP). General site conditions including landscape and hydrology, soils, and land use at the are described below.

### **Landscape and Hydrology**

The Site features rolling terrain ranging from approximately 65 to 80 ft North American Vertical Datum (NAVD). The North Expansion Area is primarily upland forest while the remainder of the western parcel consist of previously mined quarries, processing areas and disturbed areas from the mining operation. Throughout the Site, the lower lying areas contain scattered depressional marshes and prairies as well as several small, isolated wetlands. These wetland types include freshwater marsh, wet prairie, and mixed wetland hardwoods. The landscape between the isolated wetlands is almost entirely improved pasture, upland pine, or shrub habitat with scattered trees. Rainfall on the property drains from these uplands into the isolated wetlands or the open water pits.

### **Soils**

The Natural Resources Conservation Service (NRCS) soil survey for Hernando County identifies seven soil types throughout the property. The majority of these soil types are identified as poorly drained to very poorly drained soils. These soils are associated with mesic flatwoods, hydric hammocks, and depressional marshes. The observed soil types typically feature a shallow water table that serves as the primary driver of wetland hydrology.

### **Land Use**

The SWFWMD has identified numerous land use and cover categories on the WFA Mine Site as listed below. These categories are described in greater detail in the MAMPA submitted by E.R Jahna Industries, Inc on January of 2015.

- *Residential Low Density <2 Dwelling Units (FLUCFCS 1100)*
- *Extractive (FLUCFCS 1600)*
- *Rock Quarries (FLUCFCS 1630)*
- *Cropland and Pastureland (FLUCFCS 2100 and 2110)*
- *Shrub and Brushland (FLUCFCS 3200)*
- *Pine Flatwoods (FLUCFCS 4110)*
- *Oak-Pine-Hickory (FLUCFCS 4230)*
- *Hardwood – Coniferous Mixed (FLUCFCS 4340)*
- *Mixed Hardwood (FLUCFCS 4380)*
- *Tree Plantations (FLUCFCS 4400)*

- *Reservoirs (FLUCFCS 5300)*
- *Mixed Wetland Hardwoods (FLUCFCS 6170)*
- *Cypress (FLUCFCS 6210)*
- *Wetland Forested Mixed (FLUCFCS 6300)*
- *Freshwater Marshes (FLUCFCS 6410)*
- *Wet Prairies (FLUCFCS 6430)*
- *Emergent Aquatic Vegetation (FLUCFCS 6440)*
- *Disturbed Land (FLUCFCS 7400)*
- *Electrical Power\Transmission Lines (FLUCFCS 8320)*

Site specific wetland survey activities and/or concerns for future planned mining areas are described below.

#### Existing Mine Site – Southwest Area

E Sciences conducted a pedestrian survey of vegetation covering areas proposed for disturbance. The result of the survey found no jurisdictional wetlands within the area to be mined. Previously identified Wetlands A and B are located to the north of the Southwest Area. As described in FDEP Permit MMR-231412-005, a minimum setback distance of 50 ft shall be maintained between any earth-disturbing activities and the limits of any preserved wetlands.

#### North Expansion Area

The landward extents of jurisdictional wetlands within the NEA were already delineated as part of the permitting phase. Four (4) small wetlands (I-3, I-4, I-5, and I-6) have been authorized for impact through FDEP MMR-231412-005. Two wetlands (Wetland D and E) were preserved. Wetland D is located to the southwest of the NEA and Wetland E is located adjacent to the northeast corner of the NEA. As described in FDEP Permit MMR-231412-005, a minimum setback distance of 50 ft shall be maintained between any earth-disturbing activities and the limits of any preserved wetlands. Both Wetlands D and E are currently being monitored as target wetlands in association with the Wetland Assessment Procedure (WAP) monitoring required for mining activities (dewatering) at the NEA. Dewatering activities are anticipated to begin in 2020. Two WAP monitoring events (May 2018 and May 2019) have been performed to document baseline conditions of the preserved wetlands. No additional jurisdictional wetland areas have been identified within the NEA.

#### East Expansion Area

The landward extent of jurisdictional wetlands within the EEA have been delineated. Previously identified Wetlands F, G, H, I, and J are located within the East Phase Expansion. These wetlands are permitted as preserved and are monitored (photographically) annually to document wetland conditions. In addition, Wetlands H and I are monitored as reference wetlands in association with the WAP monitoring required for mining activities (dewatering) at the NEA as described in FDEP Permit MMR-231412-005.

**Threatened and Endangered Vegetation Plan**

The USFWS and the Florida Department of Agriculture and Consumer Services (FDACS) and Florida Natural Areas Inventory (FNAI) compile information on threatened and endangered plants in Florida. Compliance with the Endangered Species Act (ESA) must be met for federally listed plants, though FDACS does not regulate state-listed plants. No federally listed plants were found on the project site during the protected species survey. Therefore, no further coordination with the USFWS or the FDACS is required.

**Invasive Species Management Plan and Berm Maintenance**

The invasive perennial cogongrass (*Imperata cylindrica*) has been documented within the interior of the WFA Mine site. Cogongrass is designated as a federal noxious weed and is listed as a Category I invasive species according to the Florida Exotic Plant Council (FLEPPC). In addition, Hernando County Code of Ordinance, Section 22-70(c)(2) states the following:

*“No person shall transplant, possess, or remove any plant or plant part from any environmentally sensitive land, except by special permit. Nor shall any person introduce any plant species by willful act, negligence, or for any other reason”.*

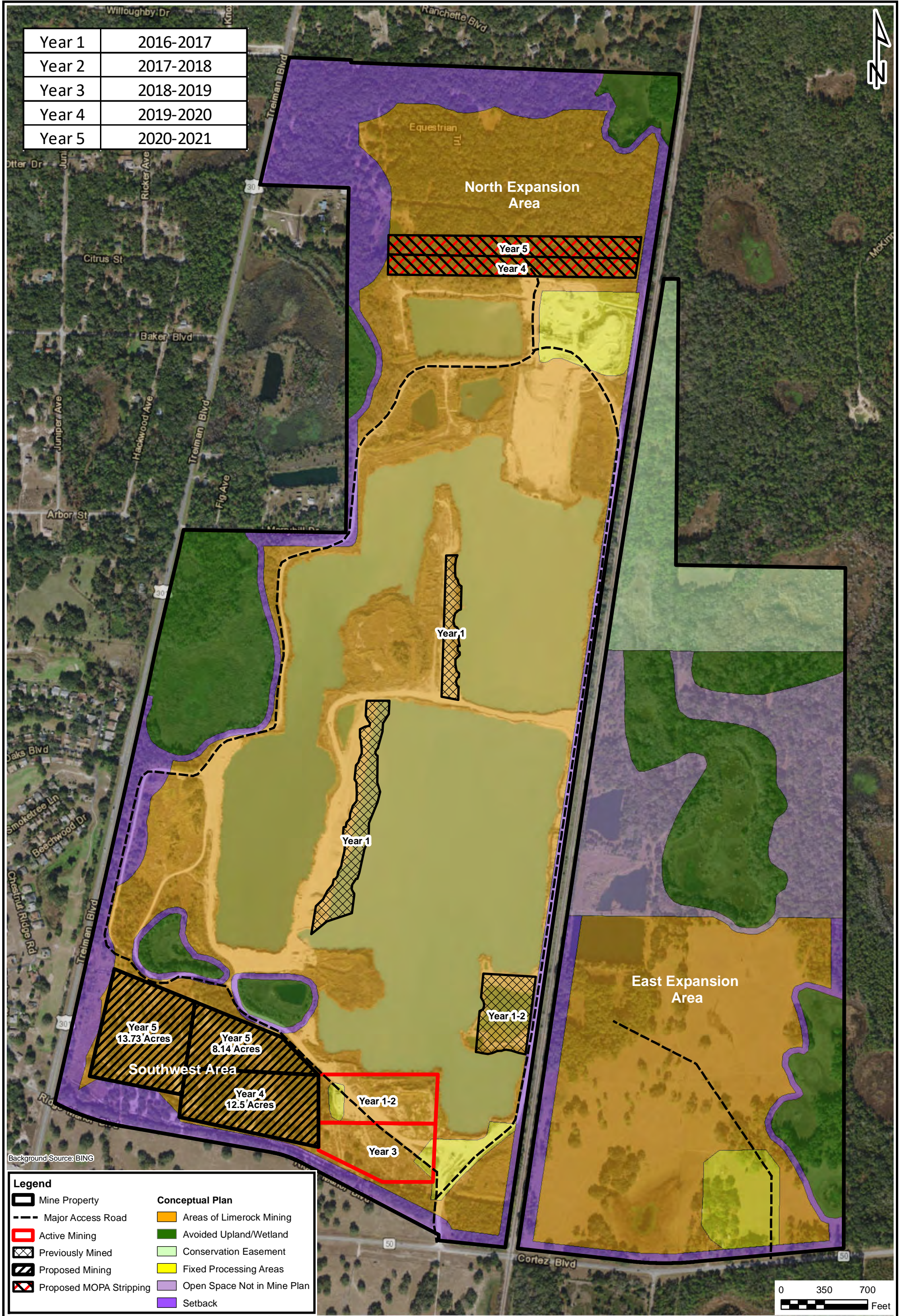
Monitoring for invasive plant species within 100 ft of the property boundary within the East Expansion Area will be performed annually at a minimum to document the presence and extent of invasive species. If invasive species are observed within 100 ft of the property boundary, an appropriate treatment plan will be implemented in coordination with Hernando County to ensure compliance with Hernando County Code. Additionally, in areas where mining is ongoing or has been initiated, earthen berms will be installed and planted with native species as required by the Hernando County Mining Ordinance. Monitoring of the perimeter berms will be performed annually to document the berm structural integrity and condition of native vegetation. Berm maintenance will be performed as needed to maintain compliance with the Hernando County Mining Ordinance.

**Copy of Permits**

Agency	Permit or Registrations	File Number	Expiration Date
HCDD	Master Mining Plan Approval	M-15-3	2040
HCDD	Mining Operation Plan Approval	15-05	2021
FDEP	Environmental Resource Permit (ERP)	231412-007	2031
FDEP	Air General Permit, Nonmetallic Mineral Plant	0530017	2020
FDEP	Petroleum Fuel Storage Tank Registration	8841105	2020
SWFWMD	Water Use Permit (WUP)	20 007822.008	2036
DSFM	Blasting / Construction Mining	CMP 16-000003	2020
FDACS	Weighing and Measuring Device	WM14820	2021
DOH	Commercial Limited Use - Registered Well	27-57-00070	2020

**Appendix B** provides a copy of permits currently held by WFA.

# FIGURES

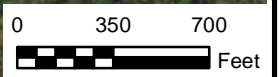


Year 1	2016-2017
Year 2	2017-2018
Year 3	2018-2019
Year 4	2019-2020
Year 5	2020-2021



Background Source: BING

Legend	
Mine Property	Areas of Limerock Mining
Major Access Road	Avoided Upland/Wetland
Active Mining	Conservation Easement
Previously Mined	Fixed Processing Areas
Proposed Mining	Open Space Not in Mine Plan
Proposed MOPA Stripping	Setback



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**West Florida Aggregates  
 Mine Site**  
 Ridge Manor  
 Hernando County, Florida

2019  
 MOPA Modification  
 SCALE: 1"=700' DATE: 7/30/2019



FIGURE  
**1**

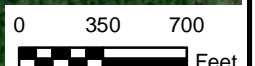
DRAWN BY: LG CHECKED BY: RM PROJECT NUMBER: 1-2044-001



Background Source: BING

**Legend**

-  Mine Property
-  Major Access Road




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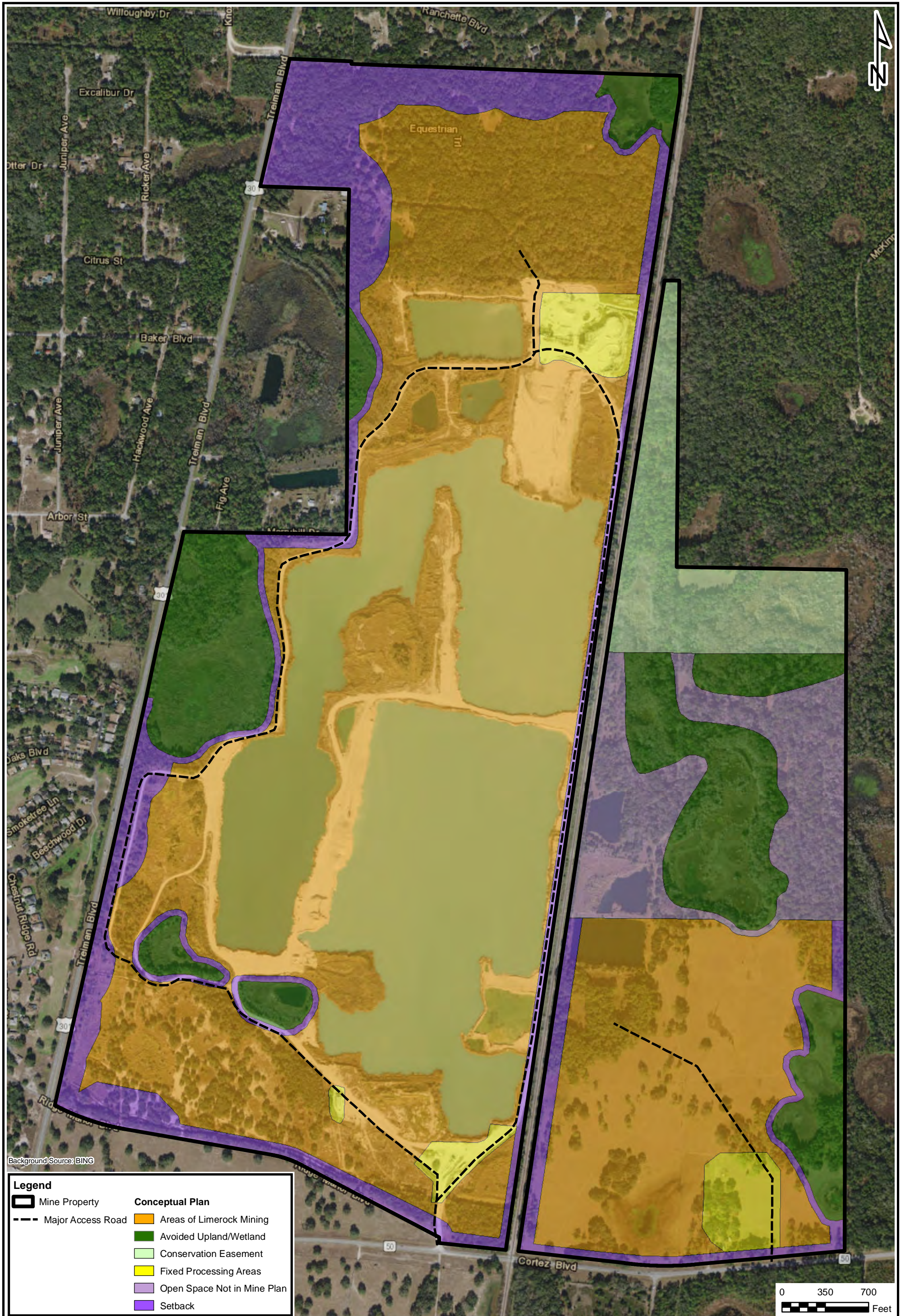
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1-2044-001

**West Florida Aggregates  
 Mine Site**  
 Ridge Manor  
 Hernando County, Florida

2017  
 Aerial Photograph

SCALE: 1"=800'  
 DATE: 7/30/2019

FIGURE  
**2**



Background Source: BING

Legend	
Mine Property	<b>Conceptual Plan</b>
Major Access Road	Areas of Limerock Mining
	Avoided Upland/Wetland
	Conservation Easement
	Fixed Processing Areas
	Open Space Not in Mine Plan
	Setback

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**West Florida Aggregates  
 Mine Site**  
 Ridge Manor  
 Hernando County, Florida

2019  
 Modified MOPA  
 Setbacks

SCALE: 1"=700'      DATE: 7/29/2019

FIGURE  
**3**





**Legend**

- Mine Property
- Avoided Wetland
- UF - Existing
- SG - Existing
- ▲ PZ - Existing

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DRAWN BY: LG	CHECKED BY: RM	PROJECT NUMBER: 1-2044-002
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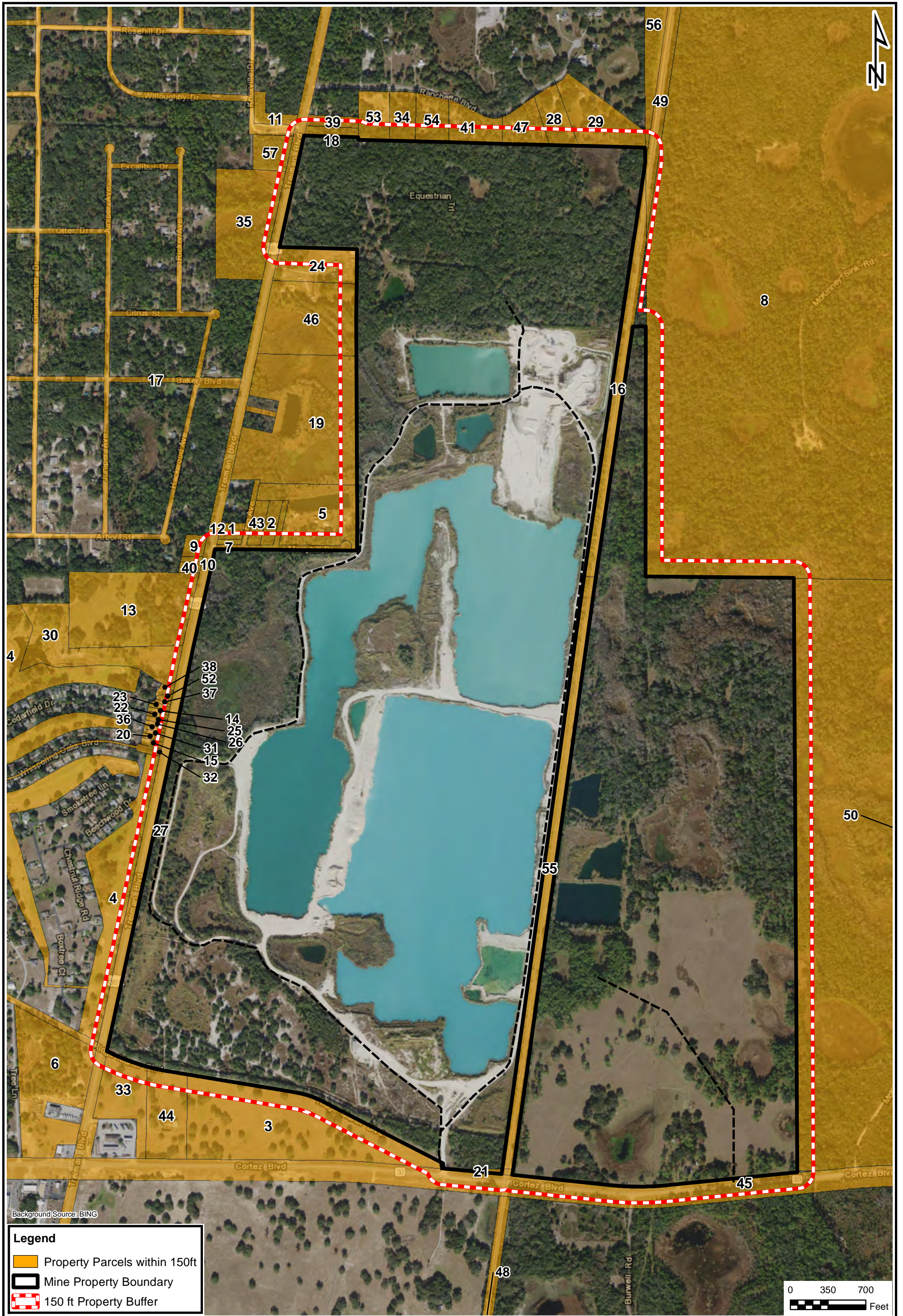
## West Florida Aggregates Mine Site

Ridge Manor  
 Hernando County, Florida

Wetland Map

SCALE: 1" = 700'	DATE: 8/1/2019
------------------	----------------

FIGURE  
4



# TABLE

**Table 1: 2019 Property Owners within 150 feet of West Florida Aggregates**

MAP_ID	PARCEL ID	OWNER NAME	OWNER ADDRESS	OWNER CITY	OWNER ZIP CODE	OWNER STATE	Property ADDRESS	CITY	ZIP CODE
1	R36 122 21 0860 00C0 0550	HERNANDO COUNTY	20 N MAIN ST RM 263	BROOKSVILLE	34601	FL	FIG AVE	WEBSTER	33597
2	R36 122 21 0860 0000 0870	MAZAUSKAS JOAN F TTEE, WYATT P	811 TURBEVILLE TER	THE VILLAGES	32162	FL	MERRYHILL DR	WEBSTER	33597
3	R01 423 21 0000 0050 0000	HORNE PROPERTIES INC	PO BOX 31769	KNOXVILLE	37930	TN	CORTEZ BLVD	WEBSTER	33597
4	R02 423 21 0000 0270 0000	RIDGE MANOR OAKS LLC	34450 WHISPERING OAKS BLVD	DADE CITY	33523	FL	34450 WHISPERING OAKS BLVD	DADE CITY	33523
5	R36 122 21 0860 0000 0880	ZAENGLE CHARLOTTE, ZAENGLE KEI	35245 MERRYHILL DR	WEBSTER	33597	FL	35245 MERRYHILL DR	WEBSTER	33597
6	R02 123 21 0940 0000 0010	PAPPAS MICHAEL L JR TTEE	132 ALETA DR	BELLEAIR BEACH	33786	FL	TREIMAN BLVD	DADE CITY	33523
7	R36 122 21 0860 00C0 0530	ZAENGLE CHARLOTTE, ZAENGLE KEI	35245 MERRYHILL DR	WEBSTER	33597	FL	MERRYHILL DR	WEBSTER	33597
8	R31 422 22 0000 0010 0000	TIIT/FORESTRY, WITHLACOOCHEE	3900 COMMONWEALTH BLVD	TALLAHASSEE	32399		MCKINNEY SINK RD	WEBSTER	33597
9	R36 122 21 0860 00C0 0460	WEDEKAMM ROBERT	9216 N THATCHER AVE	TAMPA	33614	FL	TREIMAN BLVD	WEBSTER	33597
10	R36 122 21 0860 00C0 0500	IANDOLI ANTHONY P TTEE	9 COUNTY RD	BURLINGTON	1803	MA	TREIMAN BLVD	WEBSTER	33597
11	R36 122 21 0872 0240 0C51	GARNETT GEORGE	21027 SOUTHERN SKY DR	WEBSTER	33597	FL	TREIMAN BLVD	WEBSTER	33597
12	R36 122 21 0860 00C0 0540	ZAENGLE CHARLOTTE, ZAENGLE KEI	35245 MERRYHILL DR	WEBSTER	33597	FL	FIG AVE	WEBSTER	33597
13	R01 423 21 0000 0030 0000	YOUNG-MILLIKEN CHRISTINE TTEE,	1818 S ARLINGTON RIDGE RD	ARLINGTON	22202	VA	6247 TREIMAN BLVD	WEBSTER	33597
14	R01 123 21 8024 0020 00D0	MITCHELL OLIVIA TOOLE	6144 BEECHWOOD DR	DADE CITY	33523	FL	6144 BEECHWOOD DR	DADE CITY	33523
15	R01 123 21 8025 0021 00D0	MURPHY THOMAS J, MURPHY ANNETT	6120 BEECHWOOD DR	DADE CITY	33523	FL	6120 BEECHWOOD DR	DADE CITY	33523
16	R36 422 21 0000 0020 0000	SEABOARD COASTLINE RAILROAD CO	500 WATER ST (J910)	JACKSONVILLE	32202	FL	EQUESTRIAN TRL	WEBSTER	33597
17	R36 122 21 0860 0000 000A	HERNANDO COUNTY	20 N MAIN ST RM 263	BROOKSVILLE	34601		BAKER BLVD	WEBSTER	33597
18	R36 122 21 0170 0000 0260	CY INVESTMENTS LLC	775 SW MUNJACK CIR	PORT ST LUCIE	34986	FL	TREIMAN BLVD	WEBSTER	33597
19	R36 422 21 0000 0010 0010	AFTER HOURS RETREAT LLC	4035 1ST AVE N	ST PETERSBURG	33713	FL	SOMBREO DR	WEBSTER	33597
20	R01 123 21 8025 0021 00C0	MURPHY LYNDA SUE	6122 BEECHWOOD DR	DADE CITY	33523	FL	6122 BEECHWOOD DR	DADE CITY	33523
21	R12 423 21 0000 0010 0070	WEST FLORIDA AGGREGATES LLC	1 OFFICE PARK CIR STE 300	MOUNTAIN BRK	35223	AL	CORTEZ BLVD	WEBSTER	33597
22	R01 123 21 8024 0020 00C0	TEAR EDDIS L REVOCABLE TRUST	6142 BEECHWOOD DR	DADE CITY	33523	FL	6142 BEECHWOOD DR	DADE CITY	33523
23	R01 123 21 8024 0019 00A0	MOREY PHYLLIS A	6150 BEECHWOOD DR	RIDGE MANOR	33523	FL	6150 BEECHWOOD DR	DADE CITY	33523
24	R36 422 21 0000 0050 0010	MATALA JANICE, MATALA STEPHEN	7064 TREIMAN BLVD	WEBSTER	33597	FL	7064 TREIMAN BLVD	WEBSTER	33597
25	R01 123 21 8024 0020 00B0	TOWNS END FAMILY ENTERPRISES L	6140 BEECHWOOD DR	DADE CITY	33523	FL	6140 BEECHWOOD DR	DADE CITY	33523
26	R01 123 21 8024 0020 00A0	COFFELT HENRY C, COFFELT LENOR	6138 BEECHWOOD DR	DADE CITY	33523	FL	6138 BEECHWOOD DR	DADE CITY	33523
27	R13 422 21 0000 0000 000A	STATE OF FLORIDA DOT	11201 N MCKINLEY DR	TAMPA	33612	FL	TREIMAN BLVD	WEBSTER	33597
28	R36 122 21 0775 0000 0110	LITTLEFIELD ROBERT C, LITTLEFI	35460 RANCHETTE BLVD	WEBSTER	33597	FL	35460 RANCHETTE BLVD	WEBSTER	33597
29	R36 122 21 0775 0000 0100	PUENTES FRED F, PUENTES MAYLEN	9735 US HIGHWAY 301	DADE CITY	33525	FL	35472 RANCHETTE BLVD	WEBSTER	33597
30	R02 423 21 0000 0270 0050	LEVIN DAVID M	6065 TREIMAN BLVD	DADE CITY	33597	FL	TREIMAN BLVD	WEBSTER	33597
31	R01 123 21 8025 0021 00B0	THOMAS COLEMAN JR	6124 BEECHWOOD DR	DADE CITY	33523	FL	6124 BEECHWOOD DR	DADE CITY	33523
32	R01 123 21 8010 00A0 0000	WHISPERING OAKS HOMEOWNERS	35142 WHISPERING OAKS BLVD	RIDGE MANOR	33523	FL	BEECHWOOD DR	DADE CITY	33523
33	R01 423 21 0000 0050 0010	HORNE PROPERTIES INC	412 N CEDAR BLUFF RD STE 205	KNOXVILLE	37923	TN	TREIMAN BLVD	DADE CITY	33523
34	R36 122 21 0775 0000 0150	HEADY WILLIAM	35328 RANCHETTE BLVD	WEBSTER	33597	FL	35328 RANCHETTE BLVD	WEBSTER	33597
35	R36 422 21 0000 0070 0030	KILBURN TERRY	8143 SEALAWN DR	SPRING HILL	34606	FL	TREIMAN BLVD	WEBSTER	33597
36	R01 123 21 8025 0021 00A0	KUPISZ THOMAS N	6126 BEECHWOOD DR	DADE CITY	33523	FL	6126 BEECHWOOD DR	DADE CITY	33523
37	R01 123 21 8024 0019 00B0	TUTTLE KAREN	6152 BEECHWOOD DR	RIDGE MANOR	33523	FL	6152 BEECHWOOD DR	DADE CITY	33523
38	R01 123 21 8023 0000 00C0	HOWELL JULIE I	6164 BEECHWOOD DR	DADE CITY	33523	FL	6164 BEECHWOOD DR	DADE CITY	33523
39	R36 122 21 0170 0000 0240	HUNT CASSIE R	7208 TREIMAN BLVD	WEBSTER	33597	FL	TREIMAN BLVD	WEBSTER	33597
40	R36 122 21 0860 00C0 0510	IANDOLI ANTHONY P TTEE	9 COUNTY RD	BURLINGTON	1803	MA	TREIMAN BLVD	WEBSTER	33597
41	R36 122 21 0775 0000 0130	CLARK PAUL, CLARK ROSEMARIE	35396 RANCHETTE BLVD	WEBSTER	33597	FL	35396 RANCHETTE BLVD	WEBSTER	33597
42	R36 122 21 0870 0000 000A	HERNANDO COUNTY	20 N MAIN ST RM 263	BROOKSVILLE	34601		RICHARDSON BLVD	WEBSTER	33597
43	R36 122 21 0860 0000 0860	MAZAUSKAS JOAN F TTEE, WYATT P	811 TURBEVILLE TER	THE VILLAGES	32162	FL	MERRYHILL DR	WEBSTER	33597
44	R01 423 21 0000 0090 0010	HORNE PROPERTIES INC	412 N CEDAR BLUFF RD	KNOXVILLE	37923	TN	35128 RIDGE MANOR BLVD	WEBSTER	33597
45	R23 422 19 0000 0000 000A	STATE OF FLORIDA D O T	11201 N MCKINLEY DR	TAMPA	32399		CORTEZ BLVD	DADE CITY	33523
46	R36 422 21 0000 0050 0000	MATALA JANICE, MATALA STEPHEN	7064 TREIMAN BLVD	WEBSTER	33597	FL	7052 TREIMAN BLVD	WEBSTER	33597
47	R36 122 21 0775 0000 0120	GALIDYKI GROUP LLC	35424 RANCHETTE BLVD	WEBSTER	33597	FL	35424 RANCHETTE BLVD	WEBSTER	33597
48	R12 423 21 0000 0100 0000	SEABOARD COASTLINE RAILROAD CO	500 WATER ST (J910)	JACKSONVILLE	32202	FL	CORTEZ BLVD	WEBSTER	33597

**Table 1: 2019 Property Owners within 150 feet of West Florida Aggregates**

49	R31 422 22 0000 0020 0000	SEABOARD COASTLINE RAILROAD CO	500 WATER ST (J910)	JACKSONVILLE	32202	FL	EQUESTRIAN TRL	WEBSTER	33597
50	R06 423 22 0000 0020 0000	TIITF/FORESTRY, WITHLACOOCHEE	3900 COMMONWEALTH BLVD	TALLAHASSEE	32399		CORTEZ BLVD	WEBSTER	33597
51	R03 423 21 0000 0000 000A	HERNANDO COUNTY	20 N MAIN ST RM 460	BROOKSVILLE	34601		RIDGE MANOR BLVD	DADE CITY	33523
52	R01 123 21 8024 0019 00C0	SCOTT HALLA T	6154 BEECHWOOD DR	RIDGE MANOR	33523	FL	6154 BEECHWOOD DR	DADE CITY	33523
53	R36 122 21 0775 0000 0160	MERCED JOSE R, MERCED TERESA	35304 RANCHETTE BLVD	WEBSTER	33597	FL	35304 RANCHETTE BLVD	WEBSTER	33597
54	R36 122 21 0775 0000 0140	HORWATH PAMELA, HORWATH GEORGE	35362 RANCHETTE BLVD	WEBSTER	33597	FL	35362 RANCHETTE BLVD	WEBSTER	33597
55	R01 423 21 0000 0010 0000	SEABOARD COASTLINE RAILROAD CO	500 WATER ST (J910)	JACKSONVILLE	32202	FL	CORTEZ BLVD	WEBSTER	33597
56	R31 422 22 0000 0010 0010	TIITF/FORESTRY, WITHLACOOCHEE	3900 COMMONWEALTH BLVD	TALLAHASSEE	32399		MOCKER NUT DR	WEBSTER	33597
57	R36 422 21 0000 0070 0010	NARAYAN PRADEEP, PRADEEP BINDU	10617 BLUE CORAL LN	TAMPA	33647	FL	TREIMAN BLVD	WEBSTER	33597

# APPENDICES

# APPENDIX A

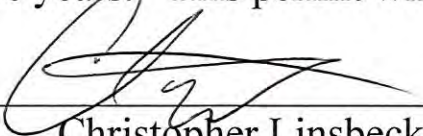


HERNANDO COUNTY DEVELOPMENT DEPARTMENT  
MINING OPERATION PLAN APPROVAL (MOPA)

WEST FLORIDA AGGREGATES LLC

WEST FLORIDA AGGREGATES MINE

West Florida Aggregates LLC have met the provisions of Section 19-32 of Chapter 19 and Master Mining Plan M-15-3. In accordance with the Hernando County Mining Ordinance 93-13, this Mining Operation Plan Approval number 15-05 has been approved by Hernando County on August 23, 2016 for a period of five years. This permit will expire on August 23, 2021.



Christopher Linsbeck  
Zoning Official



## **HERNANDO COUNTY DEVELOPMENT DEPARTMENT**

789 Providence Blvd.  
Brooksville, FL 34601-2893

### **Mining Operation Plan Approval (MOPA) Modification Application**

**Date:** March 28, 2016

This application, with all exhibits attached, must be completed and filed with this office and approved as sufficient prior to staff notification as required in Section 19-32 of the Hernando County Ordinance 93-13.

1. Mining company and address: West Florida Aggregates LLC  
35553 Cortez  
Webster, FL 33597
2. Designated responsible person: Brandell Campbell
  - a. Address: 35553 Cortez Blvd., Webster, FL 33597
  - b. Telephone: 813-714-9850
3. Date of Existing Approval Master Mining Plan: M-15-3 approved October 27, 2015
4. The following items must be attached:
  - a. A recent aerial photograph of area to be mined
  - b. Proposed MOPA with information consistent with Section 19-32
  - c. Environmental assessment consistent with Section 19-32(e)
  - d. Copies of all permits issued by other regulatory agencies relating to mining operations
  - e. Copies of applications and reports provided to the state and federal regulatory agencies concerning water quality and quantity and air quality
  - f. A list of property owners with key numbers with 150'
  - g. Copies of Blaster and User permits
  - h. A report on mining operations exploration and intended use of new technology to reduce adverse human response to mining
5. Reclamation Plan consistent with 19-71 and the MAMPA.
6. Submittals of MOPA modification must indicate if the above information applies to property to be added under the modification application. The following information or documentation must be included for modifications:
  - a. A legal description of the subject property
  - b. Copy of deed or leases
  - c. Copy of all zoning and rezoning approvals, including Comprehensive Plan amendments.

**West Florida Aggregates Mine Expansion – New MOPA Application Narrative**

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## **Introduction**

The information contained in this document is provided in support of West Florida Aggregates, LLC (WFA) application for a new Mining Operations Plan Approval (MOPA) associated with a 957± acre mining property identified as the West Florida Aggregates Mine in Ridge Manor, Florida. The proposed MOPA involves expanding the mine footprint into adjacent permitted areas in continuation of the existing operations, which have been ongoing at the location since 1979. Hernando County staff reviewed the eastward and northward expansion of the mine in 2009/2010 and 2012 respectively in association with rezoning of the expansion parcels. The Hernando County Development Department approved a new Master Mining Plan Approval (MAMPA) on October 27, 2015 and approved a new MOPA on November 10, 2015.

On December 4, 2015, the former owner and lessor, E.R. Jahna Industries, sold the property to WFA. After an evaluation of the newly purchased mine property, WFA developed a mine plan to extract remaining reserves around the existing mine pit before moving to the north expansion area. All proposed mining areas are within the authorized mining limits of the MAMPA. However, some of the areas were not included in the recently approved MOPA. This document has been prepared so that the additional mining areas may be included within the five year mining plan.

This document provides information in response to Items 4 through 6 of the County's MOPA Application and is organized accordingly.

### **Item 4.a. Aerial Map**

**Appendix 4a** provides a recent scaled aerial photograph of the property showing the boundary of the proposed MAMPA area.

### **Item 4.b. Mine Operation Plan Approval (MOPA)**

Areas to be mined within the next five years are depicted on the Mine Operation Plan Approval (MOPA) map in **Appendix 4b**.

### **Item 4.c. Environmental Assessment**

#### **4.c.1 Site Location And Description**

WFA Mine is located approximately 8 miles east of the intersection of I-75 and S.R. 50, near Ridge Manor, Florida. The operation processes limestone from the quarry, producing (by crushing and screening) both base rock and fine aggregate screenings for the construction industry, and high calcium carbonate lime (limestone fines) for the agricultural industry.

The on-site processing involves the development of road base material. Limestone rock is excavated using draglines and stockpiled adjacent to the mining pits. A portable crusher is stationed next to the stockpiled limestone and front-end loaders or backhoes load material into the crushers for processing. The resultant road base material is stored in piles until removed by haul trucks.

Water for processing and rinsing the stone is pumped from the active quarry and is routed to the screening plant through supply piping. The water is used to wash the fines from the crushed rock. The material is sorted by size and stockpiled in the plant area. The resultant process wastewater is then routed from the plant back to the active quarry for settling. The system is closed-looped and all water that is not lost to evaporation or that does not adhere to the product is recycled.

#### **4.c.2 Existing Conditions**

##### *Landscape and Hydrology*

The WFA Mine site features rolling terrain ranging from approximately 65 to 80 ft NAVD. The North Expansion Area is primarily upland forest while the remainder of the western parcel consist of previously mined quarries, processing areas and disturbed areas from the mining operation. Throughout the site, the lower lying areas contain scattered depressional marshes and prairies as well as several small, isolated wetlands. These wetland types include freshwater marsh, wet prairie, and mixed wetland hardwoods. The landscape between the isolated wetlands is almost entirely improved pasture, upland pine, or shrub habitat with scattered trees. Rainfall on the property drains from these uplands into the isolated wetlands or the open water pits.

##### *Soils*

The Natural Resources Conservation Service (NRCS) soil survey for Hernando County identifies seven soil types throughout the property. The majority of these soil types are identified as poorly drained to very poorly drained soils. These soils are associated with mesic flatwoods, hydric hammocks, and depressional marshes. The observed soil types typically feature a shallow water table that serves as the primary driver of wetland hydrology.

##### *Land Use*

The Southwest Florida Water Management District (SWFWMD) has identified numerous land use and cover categories on the WFA Mine site as listed below. These categories are described in greater detail in the MAMPA submitted by E.R Jahna Industries, Inc on January of 2015.

- *Residential Low Density <2 Dwelling Units (FLUCFCS 1100)*
- *Extractive (FLUCFCS 1600)*
- *Rock Quarries (FLUCFCS 1630)*
- *Cropland and Pastureland (FLUCFCS 2100 and 2110)*
- *Shrub and Brushland (FLUCFCS 3200)*
- *Pine Flatwoods (FLUCFCS 4110)*
- *Oak-Pine-Hickory (FLUCFCS 4230)*
- *Hardwood – Coniferous Mixed (FLUCFCS 4340)*
- *Mixed Hardwood (FLUCFCS 4380)*
- *Tree Plantations (FLUCFCS 4400)*
- *Reservoirs (FLUCFCS 5300)*
- *Mixed Wetland Hardwoods (FLUCFCS 6170)*

- Cypress (FLUCFCS 6210)
- Wetland Forested Mixed (FLUCFCS 6300)
- Freshwater Marshes (FLUCFCS 6410)
- Wet Prairies (FLUCFCS 6430)
- Emergent Aquatic Vegetation (FLUCFCS 6440)
- Disturbed Land (FLUCFCS 7400)
- Electrical Power\Transmission Lines (FLUCFCS 8320)

#### **4.c.3 Wildlife and Habitat**

##### *Wildlife Survey 1*

Environmental Consulting and Design, Inc. (EC&D) conducted several wildlife and listed species surveys of the WFA Mine property between December 2011 and January 2014. During each survey, the site was traversed on foot to determine the presence of or potential for species listed as Endangered, Threatened, or Species of Special Concern by the Florida Fish and Wildlife Conservation Commission (FWC) and/or the United States Fish and Wildlife Service (USFWS). EC&D also reviewed pertinent databases maintained by the SWFWMD, the Florida Natural Areas Inventory (FNAI), and the FWC for land cover, listed species habitat, wildlife corridors, and occurrences of rare species or community types within a one mile radius of the property. They reported in their 2014 assessment that the vegetative communities observed onsite provide low to fair quality habitat for local wildlife and potential listed species. Land management practices (e.g. fire exclusion, livestock management and active mining) have altered the landscape and vegetative communities and have caused the development of a dense, shrub dominated understory in the former pine flatwoods. While this trait provides good cover and nesting habitat for small animals, it does not provide good foraging habitat for large vertebrates.

EC&D conducted a general site reconnaissance in 2014 and confirmed that gopher tortoises (*Gopherus polyphemus*) are present within the northern expansion area. The gopher tortoise is listed as threatened by the FWC. While 19 tortoise burrows were counted, this reconnaissance was not a quantitative tortoise survey and no attempt was made to census the on-site tortoise population. However, as hardwood trees continue to grow, displacing the former pine canopy and shading out grasses and other herbaceous forage, habitat quality for the gopher tortoise is expected to continue to decline.

A detailed discussion on this wildlife survey can be found in the 2015 Master Mining Plan Approval (MAMPA) application.

##### *Wildlife Survey 2*

E Sciences Inc. (E Sciences) conducted a protected species survey at the West Florida Aggregates Mine Site on February 24, 2016. More specifically, the survey was conducted in areas proposed for mining over the next five years (Site) as depicted in **Appendix 4b**. The survey was conducted to address the occurrence or potential occurrence of wildlife species listed as threatened, endangered, and species of special concern, according to methodology outlined by the USFWS and the FWC. During the protected species survey, a

gopher tortoise (*Gopherus polyphemus*) survey was conducted in accordance with the techniques outlined in the *Gopher Tortoise Permitting Guidelines, Appendix 4. Methods for Burrow Surveys on Development (Donor) and Recipient Sites*, FWC, revised February 2015, and was performed by an Authorized Gopher Tortoise Agent (Permit Number: GTA-09-00039D). Additional species that were surveyed for included the Florida burrowing owl (*Athene cunicularia*), Southeastern American kestrel (*Falco sparverius paulus*) and Sherman's fox squirrel (*Sciurus niger shermani*).

### *Methods*

The gopher tortoise survey included 100% of all suitable habitat within the Site and was surveyed by E Sciences' scientists walking evenly spaced belt transects. All potentially occupied burrows within 10 meters of the transect centerline were identified and their approximate location recorded using a handheld global positioning system (GPS) device. Burrows found during the survey were classified as Potentially Occupied, a combination of the active and inactive categories, or Abandoned. Potentially Occupied burrows had obvious tortoise tracks or shell scraping signs at the burrow mouth, indicative of recent tortoise activity or had no tracks or shell scrapings, but were unblocked by debris. Abandoned burrows showed no signs of recent use and were collapsed or occluded by vegetation or detritus.

This protected species survey also included surveys for the Southeastern American kestrel, burrowing owl and Sherman's fox squirrel. Surveys for these species were conducted using pedestrian transects throughout the Site. Only preliminary surveys for southeastern American kestrels were conducted. Formal surveys for Southeastern American kestrels would need to be conducted multiple times over a four to eight week period between April and August to ensure that a sighting of a wintering American kestrel (*Falco sparverius*) is not confused with the non-migratory Southeastern American kestrel.

### *Results & Discussion*

During the gopher tortoise survey, a total of five gopher tortoise burrows were observed within the areas proposed for mining within the next five years. Four of the gopher tortoise burrows are located within the areas proposed for mining for years 1 – 3. As a result, E Sciences will be applying for a Conservation Permit from the FWC to excavate all gopher tortoise burrows and relocate all of the tortoises within these areas.

Because of the presence of gopher tortoise burrows, commensal species including the gopher frog (*Rana capito*) and Florida mouse (*Podomys floridanus*) may occur onsite. Both of these species are classified as Species of Special Concern by the FWC. If either species is encountered during the relocation of gopher tortoises, they will be relocated to an approved recipient site. Additionally, there is suitable habitat for the Eastern indigo snake (*Drymarchon corais couperi*) adjacent to the Site. The Eastern indigo snake is listed as Threatened by the FWC and USFWS. No Eastern indigo snakes were observed on the Site during the protected species survey. However, if Eastern indigo snakes are encountered during the gopher tortoise relocation, or during subsequent land alteration or mining

activities, all movement of heavy equipment and land alteration within the vicinity of the snake shall cease for sufficient time to allow the snake to vacate the area.

No Florida burrowing owls (a FWC Species of Special Concern) were observed during the protected species survey. With the exception of the gopher tortoise burrows, no suitable habitat exists on the Site for the burrowing owl. No signs of owl tracks, feathers, grass clippings, or manure were observed around the mouths of the burrows. Additionally, the absence of suitable native areas and the presence of an active mining operation further reduces the likelihood that burrowing owls are using the Site. Similarly, no suitable habitat for the Southeastern American kestrel was observed on the Site. The Southeastern American kestrel (a FWC Threatened species) habitat includes pine savannahs, sandhills, prairies and pastures. There is suitable habitat for kestrels south of the Site in an active pasture. However, this habitat does not exist on the Site and no kestrels were observed at the time of the survey.

No suitable habitat for the Sherman's fox squirrel (a FWC Species of Special Concern) was observed on the Site. Fox squirrels typically prefer pine flatwoods, sandhills or mixed pine-hardwood communities with an open understory as habitat. Some marginal habitat exists on the north end of the Site but their preferred habitat was not observed. Additionally, the proximity of the active mining to any marginal habitat further reduces the likelihood that Sherman's fox squirrels are using the Site. No other protected species were observed within the project area at the time of the survey.

#### *Threatened and Endangered Vegetation*

The USFWS and the Florida Department of Agriculture and Consumer Services (FDACS) and FNAI compile information on threatened and endangered plants in Florida. Compliance with the Endangered Species Act (ESA) must be met for federally-listed plants, though FDACS does not regulate state-listed plants. No federally-listed plants were found on the project site during the protected species survey. Therefore no further coordination with the USFWS or the FDACS is required for this matter.

#### *Wetlands Delineation*

E Sciences conducted a pedestrian survey of vegetation covering areas proposed for disturbance. The result of the survey found no jurisdictional wetland within the area to be mined during the five year MOPA timeframe. For a complete list of onsite wetlands to be avoided and impacted for all future mining areas, please see the 2015 MAMPA application, the SWFWMD Water Use Permit and the FDEP Environmental Resource Permit.

#### **4.c.5 Archaeology Surveys**

Two archaeological surveys were conducted during 2013 and 2014. Overall, the archaeological surveys did not uncover any significant archaeological resources in the WFA mine site. The survey results were provided to the State Historic Preservation Office (SHPO), and they determined that no further action was necessary. If significant historical and archaeological resources are identified onsite in the future, then the

mine plan may be revised to avoid or mitigate the potential resources. A more detailed discussion on the findings of the archaeological surveys can be found in the MAMPA submitted by E.R Jahna Industries, Inc in 2015.

**Item 4.d. Copy of Permits**

HCDD	Master Mining Plan Approval	M-15-3	2040
FDEP	Environmental Resource Permit (ERP)	231412-004	2034
FDEP	Air General Permit, Nonmetallic Mineral Plant	0530017	2021
FDEP	Petroleum Fuel Storage Tank Registration	8841105	Annual
SWFWMD	Water Use Permit	20 007822.005	2018
DSFM	Blasting / Construction Mining	CMP 16-000003	2017

**Appendix 4d** provides a copy of permits currently held by the facility.

**Item 4.e. Water and Air Assessments**

Water and air quality monitoring is required by existing air quality permit, industrial wastewater authorization, and petroleum storage tank permits issued by FDEP. These permits / authorizations are expected to continue to be in force throughout the expansion of operations and are generally focused on maintenance of air quality and water quality standards. Air and water quality monitoring and best management practices will continue throughout the proposed MOPA timeframe to ensure that surface water and air quality is protected.

**Water Assessment**

WFA has a proven track record of protection and maintaining the water quality on the mine site. Potential impacts to water quality are low because the on-site fuel tanks are kept in containment and good housekeeping BMPs are followed. All fuel is contained within regularly monitored and maintained storage tanks. In the event of this primary containment failing, all fuel tanks are surrounded by secondary containment which is designed to hold 110% of the fuel tank’s capacity. Secondary containment is also monitored and maintained regularly. This system of monitoring, maintenance and cross-checking all storage tanks on the property ensures that the potential for a spill remains low.

As indicated in the 2015 MAMPA, no impacts or changes in the water quality have occurred since 1990. Most if not all water quality parameters have either decreased or remained the same for the last 24 years. In addition all of these water quality parameters are well below EPA drinking water standards.

**Air Assessment**

**Appendix 4e** includes the latest air quality assessment.

**Item 4.f. List of Property Owners within 150’**

**Appendix 4f** provides the required list.



#### **Item 4.g. Blasting and User Permits**

The Blasting Permit is renewed annually and is included in **Appendix 4g**.

#### **Item 4.h. Mining Operations**

The proposed MAMPA area will be operated as a continuation of the existing operations, which have been ongoing on adjacent parcels since 1979. A Master Mining Plan for the existing operation was approved by Hernando County in 1994. The existing mine has been in continuous operation for over thirty-five years, serving as a stable source of employment within the community, while providing construction products and materials necessary to Florida's continued growth.

Consistent with the existing operation, WFA plans to mine and process the Ocala Limestone from the expansion areas to produce three finished products: 1) crushed baserock, 2) screenings, and 3) aglime. No hard aggregate stone product is made. The depth of the mining will not exceed 120 feet from ground surface as approved in the existing MAMPA.

Prior to mining the limestone, surficial layers of sand and clay (termed overburden) are first excavated and either stockpiled in the mine, or placed back in the mine cuts for storage. Blasting is used to break apart and loosen the limestone prior to "wet" excavation by draglines and is performed by licensed contractors (**Appendix 4g**) who use state-of-the-art blasting technology. A third-party seismologist will monitor blasting vibration per the State of Florida Fire Marshal regulations. As such, residential impacts are not expected from blasting. Following excavation of the limestone, a portion of the material is transported for processing to a fixed processing plant on the northern portion of the property to produce the finished product. This step generally involves crushing, washing, and screening unit operations to produce screenings and aglime.

Haul roads will generally be limited to those necessary to support mining within the MAMPA area, consisting primarily of roads to move material from the active pit to the crushing plant and haul roads within the proposed mining areas to facilitate transfer and management of overburden materials. Access to and from the property will generally be accommodated via an existing entrance to the property from State Road 50.

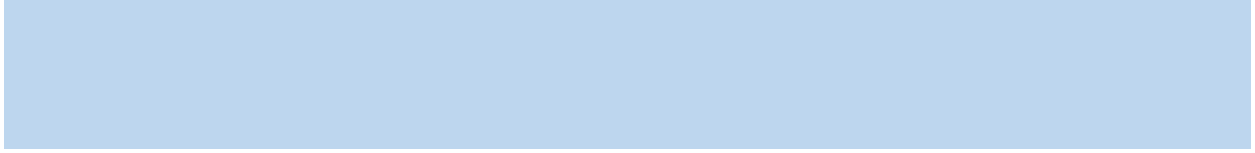
Protective berms and vegetative buffers will be constructed within setbacks along the limits of operations where necessary. Berms will be constructed of overburden materials from the mining process and will be removed as part of the reclamation process. A large portion of the site east of the CSX rail will remain undisturbed in its natural vegetative state or in conservation easement.

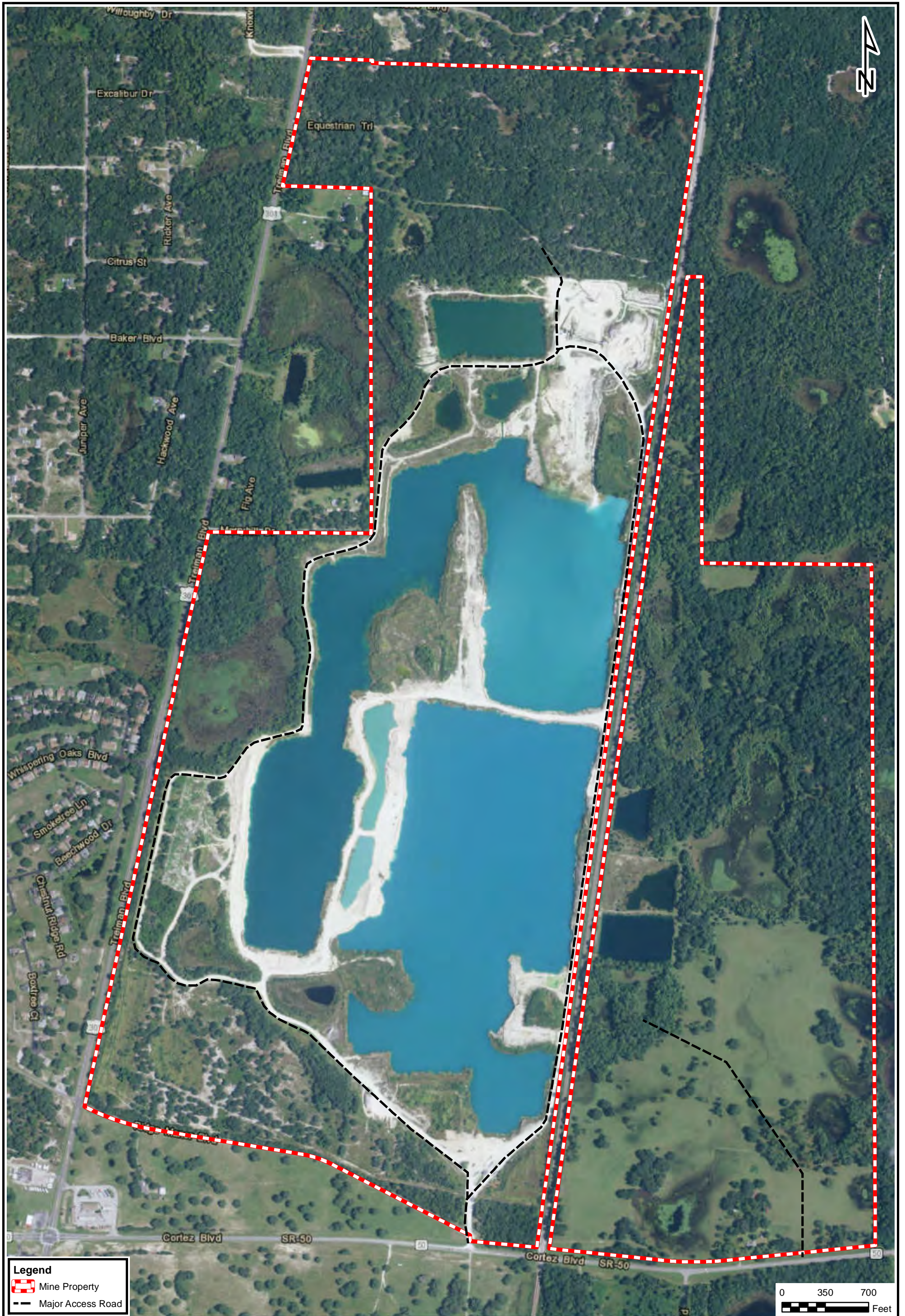
#### **Item 5. Reclamation Plan**

The WFA reclamation plan will be consistent with Chapter 62c-36.008 Reclamation Standards, F.A.C. and Hernando County Code of Ordinances Chapter 19 Mining Regulations Article IV Reclamation Standards, Section 19-72(b). Plan view and cross sections of the reclamation plan details are provided in **Appendix 5**.

**Item 6. Property to Be Added**

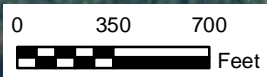
The modified MAMPA area (submitted as separate MAMPA application to the County in 2015), is approximately 957 acres in size. There is no property to be added under the MOPA modification application.





**Legend**

- Mine Property
- Major Access Road



**E Sciences**  
 E Sciences, Incorporated  
 FL Engineering Lic. #8691  
 34 East Pine Street  
 Orlando, Florida, 32801  
 www.esciencesinc.com  
 Phone: 407-481-9006  
 Fax: 407-481-9627

DRAWN BY: LG  
 CHECKED BY: RM  
 PROJECT NUMBER: 1-2044-002

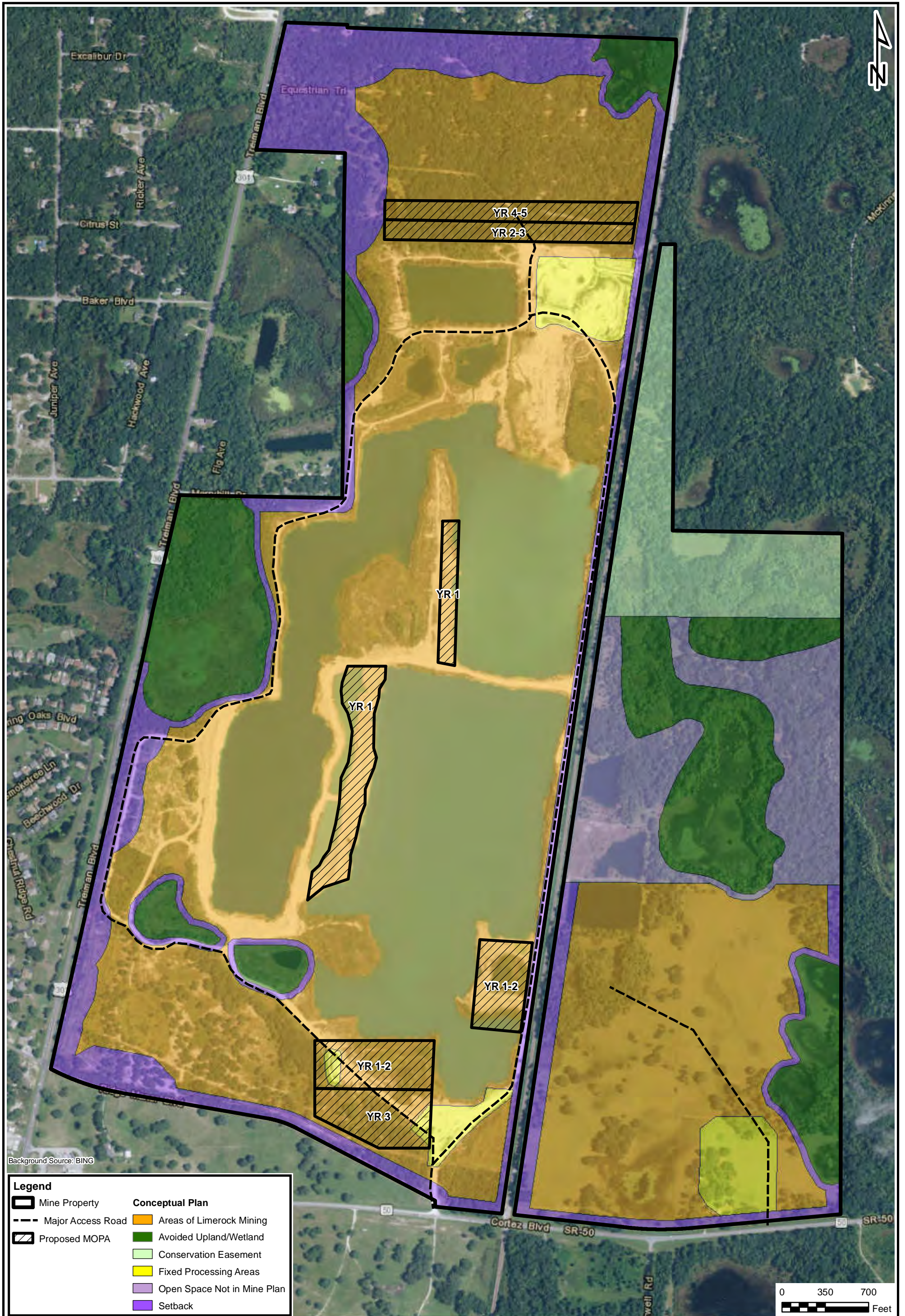
**West Florida Aggregates  
 Mine Site**  
 Ridge Manor  
 Hernando County, Florida

2013  
 Aerial Photograph

SCALE: 1"=700'      DATE: 2/18/2016

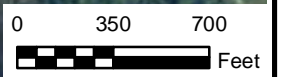
FIGURE  
1

## **Appendix 4b: MOPA Map**



Background Source: BING

Legend	
Mine Property	<b>Conceptual Plan</b>
Major Access Road	Areas of Limerock Mining
Proposed MOPA	Avoided Upland/Wetland
	Conservation Easement
	Fixed Processing Areas
	Open Space Not in Mine Plan
	Setback



**E Sciences**  
 E Sciences, Incorporated  
 FL Engineering Lic. #8691  
 34 East Pine Street  
 Orlando, Florida, 32801  
 www.esciencesinc.com  
 Phone: 407-481-9006  
 Fax: 407-481-9627

## West Florida Aggregates Mine Site

Ridge Manor  
 Hernando County, Florida

Mining Operation Plan (MOPA)

SCALE: 1"=700' DATE: 1/25/2016

FIGURE

1

DRAWN BY: LG CHECKED BY: RM PROJECT NUMBER: 1-2044-001

## Appendix 4d: Copy of Permits

Agency	Permit or Registrations	File Number	Expiration
HCDD	Master Mining Plan Approval	M-15-3	2040
FDEP	Environmental Resource Permit (ERP)	231412-004	2034
FDEP	Air General Permit, Nonmetallic Mineral Plant	0530017	2021
FDEP	Petroleum Fuel Storage Tank Registration	8841105	Annual
SWFWMD	Water Use Permit	20 007822.005	2018
DSFM	Blasting / Construction Mining		



HERNANDO COUNTY DEVELOPMENT DEPARTMENT  
MASTER MINING PLAN APPROVAL (MAMPA)

WEST FLORIDA AGGREGATES LLC

MILLS MINE

In accordance with the Hernando County Mining Ordinance 93-13, this Master Mining Plan Approval # M-15-3 has met the provisions of Section 19-31 in chapter 19 of the Hernando County Code of Ordinances. The Hernando County Board of County Commissioners approved this MAMPA on October 27, 2015 for a period of twenty-five (25) years. This permit will expire on October 27, 2040.



Christopher Linsbeck  
Zoning Official





## Florida Department of Environmental Protection

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

Rick Scott  
Governor

Carlos Lopez-Cantera  
Lt. Governor

Jonathan P. Steverson  
Secretary

VIA email - [kdavis@jahna.com](mailto:kdavis@jahna.com)

January 7, 2016

Mr. Kirk S. Davis, P.G.,  
E.R. Jahna Industries, Inc.  
P.O. Drawer 840  
Lake Wales, Florida 33859-0840

RE: Mills Mine ERP Permit Transfer  
From: E. R. Jahna Industries, Inc.  
To: West Florida Aggregates, LLC  
File No. 231412-004, Hernando County

Dear Mr. Davis:

On December 9, 2015, your request to transfer the environmental resource permit for Mills Mine (Permit No. 231412-001, as modified by Permit No. 231412-002 and 231412-003), was received by the Florida Department of Environmental Protection (Department), and assigned File Number 231412-004. The request is to transfer the Environmental Resource Permit from E.R. Jahna Industries, Inc., to West Florida Aggregates, LLC. The requested transfer of permit is hereby approved. Please attach a copy of this letter and the enclosed Application for Transfer to your permit. The new permit number for this mine is 231412-004. When referring to this project, please use the new permit number indicated.

This proposed transfer is not expected to result in any adverse environmental impact or water quality degradation. Therefore, the permit is hereby transferred.

**There will be no additional wetland impacts as a result of this transfer. This notice of transfer does not alter the General and Specific Conditions of the permit, or the expiration date of May 2, 2034.**

This letter constitutes final agency action unless a sufficient petition for an administrative hearing is timely filed under Sections 120.569 and 120.57 of the Florida Statutes as provided below. The procedures for petitioning for a hearing are set forth below. Mediation is not available.

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received by the clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Because the administrative hearing process is designed to re-determine final agency action on the application, the filing of a petition for an administrative hearing may result in a modification of the permit or even a denial of the application. If a sufficient petition for an administrative hearing or request for an extension of time to file a petition is timely filed, this permit modification automatically becomes only proposed agency action on the application, subject to the result of the administrative review process. Accordingly, the applicant is advised not to commence construction or other activities under this permit until the deadlines noted below for filing a petition for an administrative hearing, or request for an extension of time, has expired.

Under Rule 62-110.106(4) of the Florida Administrative Code (F.A.C.), a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, before the applicable deadline. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon. If a request is filed late, the Department may still grant it upon a motion by the requesting party showing that the failure to file a request for an extension of time before the deadline was the result of excusable neglect.

In the event that a timely and sufficient petition for an administrative hearing is filed, other persons whose substantial interests will be affected by the outcome of the administrative process have the right to petition to intervene in the proceeding. Any intervention will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant must be filed within 21 days of receipt of this letter. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3) of the Florida Statutes must be filed within 21 days of receipt of this letter.

Under Section 120.60(3) of the Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within 21 days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition for an administrative hearing within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 of the Florida Statutes.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301. Under Sections 120.569(2)(c) and (d) of the Florida Statutes, a petition for administrative hearing must be dismissed by the agency if the petition does not substantially comply with the above requirements or is untimely filed.

This action is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above. Upon the timely filing of a petition, this order will not be effective until further order of the Department.

This permit modification constitutes an order of the Department. The applicant has the right to seek judicial review of the order under Section 120.68 of the Florida Statutes, by

E.R. Jahna Industries, Inc.  
Mills Mine, Permit No. 231412-004  
January 7, 2016  
Page 4 of 5

the filing of a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when the final order is filed with the Clerk of the Department.

The files associated with this order are available upon request. Please address your email request to [MiningAndMitigation@dep.state.fl.us](mailto:MiningAndMitigation@dep.state.fl.us) and include the file number, or contact our office at 850.245.8366.

Executed in Tallahassee, Florida.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION



---

Timothy Rach, Interim Program Administrator  
Mining and Mitigation Program

Attachment: Application for Transfer

Copies furnished to:

DEP, FL Div. of Recreation & Parks, Bureau of Natural and Cultural Resources –  
[Cheri Albin@dep.state.fl.us](mailto:Cheri.Albin@dep.state.fl.us)  
DEP, FL Div. of Recreation & Parks, District IV Administration – [Chris.Becker@dep.state.fl.us](mailto:Chris.Becker@dep.state.fl.us)  
DEP, GIS – [Angela.Bozeman@dep.state.fl.us](mailto:Angela.Bozeman@dep.state.fl.us)  
DEP, Southwest District, Environmental Resource Permitting –  
[Lauren.Greenfield@dep.state.fl.us](mailto:Lauren.Greenfield@dep.state.fl.us)  
Hernando County Office of Planning and Development – [Planning@hernandocounty.us](mailto:Planning@hernandocounty.us)  
Southwest Florida Water Management District, ERP Bureau –  
[michelle.hopkins@watermatters.org](mailto:michelle.hopkins@watermatters.org)  
USACOE, North Permits Branch – [SAJ-RD-N@usace.army.mil](mailto:SAJ-RD-N@usace.army.mil)  
Mining and Mitigation Program File

E.R. Jahna Industries, Inc.  
Mills Mine, Permit No. 231412-004  
January 7, 2016  
Page 5 of 5

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy clerk hereby certifies that this permit modification, including all copies, was mailed or emailed before the close of business on January 7, 2016, to the above listed persons.

**FILING AND ACKNOWLEDGMENT**

FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated deputy Department Clerk, receipt of which is hereby acknowledged.

  
\_\_\_\_\_  
Clerk

January 7, 2016  
Date

APPLICATION FOR TRANSFER OF ENVIRONMENTAL RESOURCE PERMIT AND NOTIFICATION  
OF SALE OF A FACILITY OR SURFACE WATER MANAGEMENT SYSTEM

Permit No. **231412-003** Date Issued **May 2, 2014** Date Expires: **May 2, 2034**

FROM (Name of Current Permit Holder): **E.R Jabna Industries Inc.**

Mailing **202 East Stuart Ave**

City: **Lake Wales**

State: **FL**

Zip Code: **33853**

Telephone: **(863) 676-9431**

Identification or Name of Facility/Surface Water Management System: **Mills Mine**

Phase of Facility/Surface Water Management System (if applicable): **Construction**

The undersigned hereby notifies the Department of the sale or legal transfer of this facility, or surface-water management system, and further agrees to assign all rights and obligations as permittee to the applicant in the event the Department agrees to the transfer of permit.

Signature of the current permittee: 

Title (if any): **Kirk S. Davis V.P.**

Date: **December 4, 2015**

TO (Name of Proposed Permit Transferee): **West Florida Aggregates, LLC**

Mailing Address: **35553 Cortez Blvd**

City: **Webster**

State: **FL**

Zip Code: **33597**

Telephone: **205-879-0456**

E-mail: **dkj@wwminvest.com**

The undersigned hereby notifies the Department of having acquired the title to this facility, or surface-water management system. The undersigned also states he or she has examined the application and documents submitted by the current permittee, the basis of which the permit was issued by the Department, and states they accurately and completely describe the permitted activity or project. The undersigned further attests to being familiar with the permit, agrees to comply with its terms and with its conditions, and agrees to assume the rights and liabilities contained in the permit. The undersigned also agrees to promptly notify the Department of any future changes in ownership of, or responsibility for, the permitted activity or project.

Signature of the applicant (Transferee): 

Title (if any): **Dave Jones, General Manager**

Date: **December 4, 2015**

Project Engineer Name (if applicable): **Ryan Mitchell, P.E.**

Mailing Address: **34 East Pine St Orlando FL 32801**

Telephone: **(407) 481-9006**



## Florida Department of Environmental Protection

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

Rick Scott  
Governor

Carlos Lopez-Cantera  
Lt. Governor

Jonathan P. Steverson  
Secretary

---

## Electronic Submission

### Air General Permit Re-Registration

You have successfully submitted an Air General Permit Registration to operate a **Nonmetallic Mineral Processing Plant (Crusher)** Facility under the authority of **Rule 62-210.310, F.A.C.**. Your registration was received on **December 17, 2015**. Unless you are notified by the Department of ineligibility to use the air general permit, you may use the air general permit thirty (30) days after giving notice to the Department.

Below is a copy of the details of your registration for your records.

#### Facility Information

**Facility ID:** 0530017  
**Facility or Business Name:** West Florida Aggregates, LLC  
**Site Name:** West Florida Aggregates  
**Address Line 1:** 35553 Cortez Blvd  
**Address Line 2:**  
**City/State/Zip Code:** Webster, FL 33597 9206

#### Mailing Address

**Address Line 1:** 35553 Cortez Blvd  
**Address Line 2:**  
**City/State/Zip Code:** Webster, FL 33597 9206

#### Owner

**Name:** West Florida Aggregates  
**Address Line 1:** 35553 Cortez Blvd  
**Address Line 2:**  
**City/State/Zip Code:** Webster, FL 33597 9206

**Facility Contact(s)**

**Name:** Brandell Campbell  
**Address Line 1:** 35553 Cortez Blvd  
**Address Line 2:**  
**City/State/Zip Code:** Webster, FL 33597 9206  
**Phone Number:** (813) 714-9850  
**Extension:**  
**Cell Number:**  
**Fax Number:**  
**E-mail Address:** bcampbell@csagg.com

**Correspondence Contact(s)**

**Name:** Ryan Mitchell  
**Address Line 1:** 34 E Pine St  
**Address Line 2:**  
**City/State/Zip Code:** Orlando, FL 32801 2608  
**Phone Number:** (407) 481-9006  
**Extension:**  
**Cell Number:**  
**Fax Number:**  
**E-mail Address:** rmitchell@esciencesinc.com

**Notification Submitted By**

**Name:** Ryan Mitchell  
**Phone Number:** (407) 481-9006  
**E-mail Address:** rmitchell@esciencesinc.com

All information submitted was certified true, accurate, and correct to the best of the knowledge of the person whose name appears above.

If you have any questions or concerns about the information contained in this report, please contact the Small Business Environmental Assistance Program at (800) 722-7457 or by e-mail at FL.AGP@dep.state.fl.us.

**Facility Information<sup>1</sup>**

**Type of Facility:**

X	Stationary Facility
---	---------------------



Relocatable Facility

**Co-Location:**

The facility is not co-located with another concrete batch plant, nonmetallic mineral processing plant that is operating under a different air general permit.

**Crusher Details:**

Component Description	Manufacturer	Date of Manufacture	Model #	Serial #	Machine Rated Capacity	Subject to Subpart 000
Primary Crusher	Terex	01/01/2007	1300	54792	650	Yes

**Facility Description:**

File Description
equipment details

**Precautions (Management of roads/parking areas, stock piles, and yards):**

<input checked="" type="checkbox"/>	Maintain Roads/Parking/Yards
<input type="checkbox"/>	Remove Particulate Matter
<input type="checkbox"/>	Pave Parking Areas
<input checked="" type="checkbox"/>	Use Water Application
<input type="checkbox"/>	Reduce Stock Pile Height
<input type="checkbox"/>	Use Dust Suppressant
<input type="checkbox"/>	Install Wind Breaks

**Spray Bar Locations:**

	Feeders
	Classifier Screens
<input checked="" type="checkbox"/>	Entrance to Crusher
	Conveyor Drop Points
	Exit of Crusher

---

<sup>1</sup>Items appearing in **RED** indicate a value or response that may cause your Air General Permit to be out of compliance.

---



**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STORAGE TANK REGISTRATION PLACARD  
2014-2015**

STCM ACCOUNT: 6647

FACILITY ID: 8841105

FACILITY: JAHNA INDUSTRIES INC MILLS MINE  
35553 CORTEZ BLVD  
WEBSTER FL 33597 9110 HERNANDO COUNTY

PLACARD NO: 431488

PLACARD ISSUED: 06/16/2014

PLACARD EXPIRES: 06/30/2015

FACILITY TYPE: Fuel user/Non-retail

TANK SYSTEMS REGISTERED: 2

ACCOUNT OWNER: E R JAHNA INDUSTRIES INC  
PO BOX 840 ATTN: KIRK DAVIS  
LAKE WALES FL 33859 0840

HASH: WMMCOOG2CWOCMM

The Storage Tank Registration placard must be posted at the facility.  
It must be placed out of the weather and in plain view of inspectors entering the facility.

Under Section 376.3077, Florida Statutes, it is unlawful to deposit motor fuel into a stationary storage tank system that requires registration unless proof of valid registration is displayed at the facility.

Acceptance of this placard constitutes agreement to operate the registered tanks in compliance with applicable Statutes and Department Rules.

DEPARTMENT OF ENVIRONMENTAL PROTECTION IS ON THE INTERNET

The Web address for DEP is <http://www.dep.state.fl.us>

You can access the Storage Tank Website by using <http://www.dep.state.fl.us/waste/categories/tanks>.

Look under the HIGHLIGHTS section to find the links to storage tank rules, forms, database reports and program information.

CONTACT TANK REGISTRATION BY:

EMAIL - [TankRegistration@dep.state.fl.us](mailto:TankRegistration@dep.state.fl.us)  
PHONE - (850) 245-8839



An Equal  
Opportunity  
Employer

# Southwest Florida Water Management District

**Bartow Service Office**  
170 Century Boulevard  
Bartow, Florida 33830-7700  
(863) 534-1448 or  
1-800-492-7862 (FL only)

**Sarasota Service Office**  
6750 Fruitville Road  
Sarasota, Florida 34240-9711  
(941) 377-3722 or  
1-800-320-3503 (FL only)

**Tampa Service Office**  
7601 Highway 301 North  
Tampa, Florida 33637-6759  
(813) 985-7481 or  
1-800-836-0797 (FL only)

2379 Broad Street, Brooksville, Florida 34604-6899

(352) 796-7211 or 1-800-423-1476 (FL only)

TDD only: 1-800-231-6103 (FL only)

On the Internet at [WaterMatters.org](http://WaterMatters.org)

January 28, 2016

West Florida Aggregates, LLC  
Attn: Dave Jones, General Manager  
35553 Cortez Blvd  
Webster, FL 33597  
Subject: Transfer of Water Use Permit No. 20007822.006

Dear Mr. Jones:

Your Water Use Permit Transfer has been approved. As the new Permittee, please note that this Transfer only allows continuance of the existing permitted activities, and a modification application must be submitted and approved prior to any desired changes in water use or withdrawals. Please be advised that you as the Permittee are responsible for compliance with all terms of the permit including the attached permit conditions and the Standard Conditions listed in Exhibit A. All existing permit conditions remain in effect, and you are responsible for reviewing the permit for any reporting requirements such as pumpage reporting, etc., and continued compliance with such requirements. Conditions of your permit require water conservation to be practiced at all times, among other items. In the event a water shortage is declared the District may modify your permit. Additionally, if the District adopts new rules, this permit may become subject to them.

If you have any questions or concerns regarding your permit or any other information, please contact Lynn Biddlecomb, at extension 2024, in the Tampa Service Office, Water Use Permit Bureau.

Sincerely,

Lynn Biddlecomb  
Professional Geologist  
Water Use Permit Bureau  
Regulation Division

Enclosures: Copy of Transferred Permit  
cc: File of Record

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0/<\*)%)\*Z)\$&T")|\*\*"J\*)"L\$%MT)"&<"<"\*\*"J&)\*\$/<G")TTM\$-R(TM\$)\*\$&J&0-"&\$\*\*"M-\*\*\*Y%\$K&)\*\$/&0"J&-I/<G"  
&<"&00"J&)\*\$/-"\$\*M\$<\*)%")|\*\*"L/)"<"&"T0%-\*\*\*0%&L"-="Q#F\*\*"MKL/).\*\*"M-\*\*\*Y"J&)\*\$/-"/0/K/)\*\*")%J&)\*\$"  
\*<)\$&/<\*/<I)"|\*\*"\$&J"K&)\*\$/&0"\$\*K%.\*\*\*Y%\$K")|\*\*"-)"&<"L\*\$-%<0"-&<I/)&\$="M-\*\*\*Y%\$J%\$,\*\$-F

(L\*T&0"@%<I)/%<-"I/<TOM\*\*)|%<\*)|&)"\$\*RM/\$\*\*)|\*\*"X\*\$K/))\*\*"Q%\$\*\*")|\*\*"-M[K/)]\*\*"K/;</<G"LO&<"&<"-M[K/)"  
&<<M&0"K/;</<G"LO&<"\$\*L%\$[K/)"T%L/\*-%Y")|\*\*"&<M&0\*\$\*L%\$RM/\$\*\*["=")|\*\*"1DQX"Q<./\$%<K\*<)&0"N\*-%M\$T\*\*  
X\*\$K/)+"T&L"J\*00-<%)</"M-.\*+"L\$%L\*\$0="LOMG"&<"&[&<%<I)/<00\*\*"JZT&.)/%<"&\$\*-&"L\$/%\$")%K/;</<G+"&<"  
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<b>HEF1ÄÄEEZ</b>	<b>L14I</b>	<b>ÄÄ7QZN#LQKÄQ</b>		<b>I)0ÄJ</b>
<b><u>L1#ÄF1NÄ</u></b>	<b><u>T'2QU</u></b>	<b><u>T*\$-\$-":9+U</u></b>	<b><u>G#E"LE#NF1HÄ1)0</u></b>	<b><u>T5!3U</u></b>
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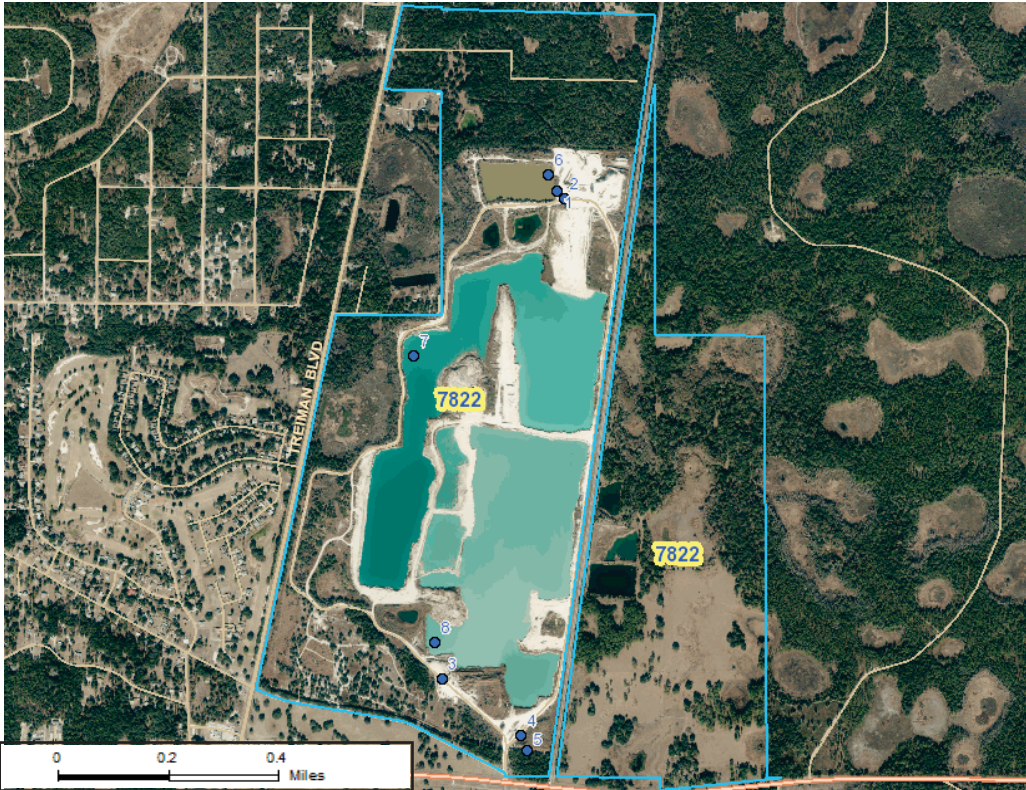
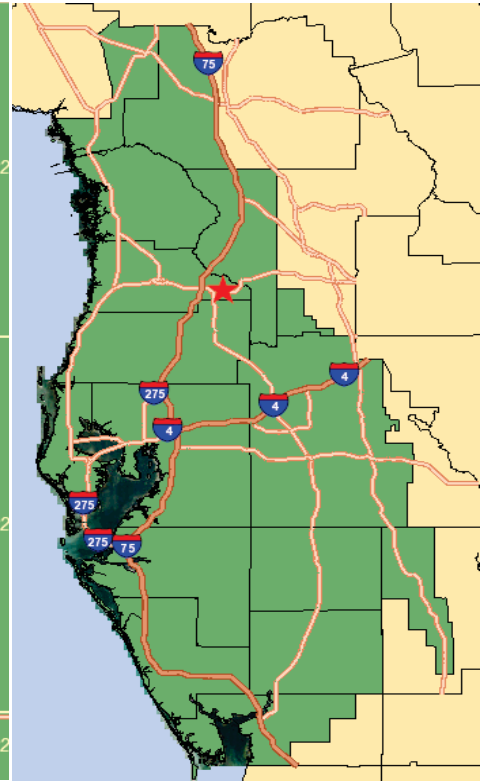
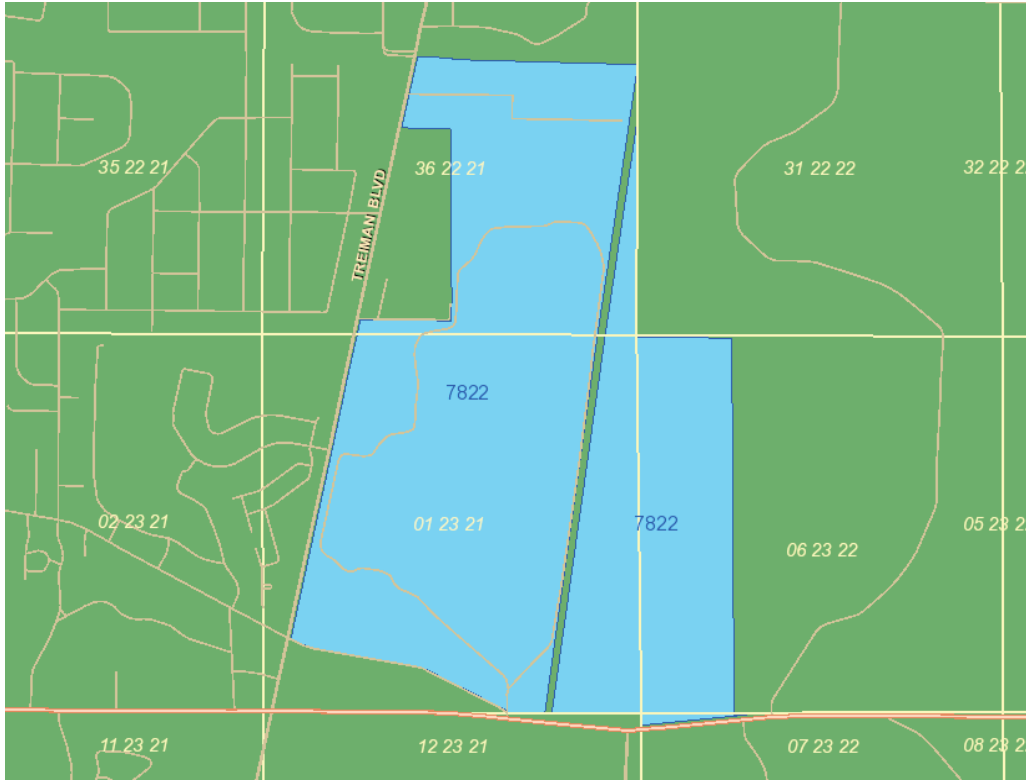
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**Legend**

- DIDs
- WUP Boundary

2011 Natural Color Imagery  
**JEF040L)"N)G0ÄO**

**Southwest Florida  
 Water Management District**

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":F P00"\$\*L%\$)-&<"&)&\*\$RM/\$\*"["=T%<'/)/%<7-9"%Y")I\*\*L\*\$K00["&M(K/))\*\*")I\*\*D/-)\$/T)"&TT%\$'/<G")% )I\*\*M\*\*&)\*7-9"t%<)&/<\*"I"/<")I\*\*L\*TY/T"t%<'/)/%<F\*\*SY")I\*\*T%<"/<L\*TY/\*-")I&)"&D/-)\$/T)5-MLL0/"\*\* Y%\$K"/-")%["M-\*)I\*\*X\*\$K/))\*\*\*-I%MO\*\*M-\*)I&)"Y%\$K"/<%"\$\*\$\*)I\*/\$-M[K/-/%<")%["&T,<%JO\*G\*\* /<"&)/K\*0="K&<\*\$F\*\*CI\*\*%<0="&0)\*\$&<)/.\*\*)%)I/-\$\*RM/\$\*K/))M-\*)I\*\*D/-)\$/T)"X\*\$K/)"S<Y%\$K&)/%< @\*<)\*\$7JJJF-JYJKF-&)\*FY0FM-UL\*\$K/)-U\*L\*\$K/)/<GU9")%&M&K/))L0&<-"%\$\*\$L%\$)-"%<0/<\*"CI\*\$\* &\$\*\* /<-)\$MT)/%<-&)"I\*\*D/-)\$/T)"J\*[-]"%<"I%J")%\*\$G/-)\*\$")dW'L"&<"&TT%M<")%""%-F\*\*SY")I\*\*\$\*L%\$)"%\$" ')&)/-\$\*T\*/.\*\*)%)<"%\$["Y%\$\*\*")I\*\*)\*<I)\*\*&="Y")I\*\*K%<I)"Y%000J&)"T%00\*T)/%<+)"-I&00["\*\*\*K\*\*&-" &)/K\*0="M(K/))&0F"

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(M[K/-/%<%"Y\*\*&)&V\*\*"><0\*--%)I\*\$J/-\*\*"/</T&)\*"/<")I\*\*L\*TY&0T%<'/)/%<+&<"%\$G/&<0\*7<%T%L/\*-9"/-\$\*RM/\$\*\*Y%\$\*\*&)"-M(K/))&0-"MTI"&-"T%L\*\$\*L%\$)"Y%\$K-+&K\*Y\$&<U%\$LMKL&G\*+&\$&/<Y&00+J&)\*\$ 0\*.0+\*.&L%\$&<L/\$&)/%<+%"\$J&)\*\$RM&0/)=&)&F" 72!!9

"ÄF CI\*\*X\*\$K/))\*\*\*-I&00"/KK\*/&)\*0="KLO\*K\*")I\*\*D/-)\$/T)5&LL%\$.\*\*"J&)\*\$T%<-\$&)/%<"L0&<-M(K/))\*\*"/< -MLL%\$)"%Y")I\*\*&LLO/T&)/%<"Y%\$")I/-L\*\$K/)"F"@%<-\$&)/%<)"I&)\*M(\$\*K/))\*\*\*I&-"&0\$\*&=" /KLO\*K\*")\*\*\*-I&00"t%<)/<M\*+&<"L%\$L%-\*\*"t%<-\*\$&)/%<"K\*-&M&00["/KLO\*K\*")\*\*\*&-"L%\$L%-\*\* /<")I\*\*L0&<F"72219

"ÄF CI\*\*X\*\$K/))\*\*\*-I&00"t%<)\$%0K/</<G"%L\*\$&)/%<-&TT%\$'/<G"000\*Y(M(K/))\*\*"/<-MLL%\$)"%Y")I/-L\*\$K/)"F\*\* CI\*\*X\*\$K/))\*\*\*-I&00"-M(K/)"&"T%L="Y")I\*\*&<<M&0<&\$\$&)/.\*\*)%)&K%\$G"\$\*L%\$)-"\$\*RM/\$\*\*["=)I\*\* &LL%\$.\*\*1DQX"Q<./\$%<K\*")&0"N\*-%M\$T\*\*X\*\$K/)-&-"J\*00&<M&K/)/<G"L0&<"ML'&)\*["="B&\$TI".%"Y\* \*&TI"=\*&\$F\*\*SY")I\*\*X\*\$K/))\*\*\*. /&)\*-Y%\$K")I\*\*K/</<G"L0&<)"Y%\$LT%K/<G"t0\* <'&\$"=\*&\$M\$/<G")I\*\* T0\* <'&\$"=\*&\$I\*\*X\*\$K/))\*\*\*-I&00"L%\$. /I\*\*&\*\$\*./-\*\*"L0&<"Y%\$\*\*") /&)/%<"Y%\$&LL%\$.&0")%)"&)\*\$ >-\*X\*\$K/)#M\$\*M"@/I\*YF\*\*"?%\*\*./&)/%<"/&00%J\*\*J/I)M)D/)\$LL%\$.&0F72 69

"2F P<="J\*00-<%)"/<"M-\*+&<"/<"JI/TI"LMKL/<G\*\*RM/LK\*")/-<%)&00\*\*\*-I&00["\*T&LL\*\*%\$".&0.\*\*"/<"& J&)\*\$)/GI)"K&<\*\$"/<"&TT%\$&<T\*\*J/I)"@I&L)\*\$3Ä58ÄÄF844+"F7B56@

"8F X(\$%\$%)%K/</<G"&<"&\$\*&+&<="J\*00-"0%T&)\*J/I/<")I\*\*&\$0\*\*L0%\*\$0="&[&<%"\*\*7L0MGG\*9["=& 0/T\* <-"\*\*J&)\*\$J\*00"t%<)\$&T)%\$"/<"&TT%\$&<T\*\*J/I)"@I&L)\*\$3Ä58ÄÄ729+"1FPRM@F\$"&"E\*00 P[&<%"<K\*")X\*\$K/)/--M\*\*["=)I\*\*D/-)\$/T)F73 19

"3F SY"M<&<)/T/L&)\*+M<&TT\*L)&[0\*+&'\*\$\*"/KL&T)-%TTM\$)"%4\*\*100&&\$\*\*%)["L\$\*-\$\*"+) %%"Y&-)\*\* 0&<"M-\*\*%\$)"%Z/-)/<G"0\*G&0"MI\*\*X\*\$K/))\*\*\*-I&00"/KK\*/&)\*0="<%)Y=")I\*\*&\$\*">-\*X\*\$K/)#M\$\*M" @I\*Y")%"/-TM--")\*\*["\*-"T%M\$-\*\*%Y"&T)/%<")%"/KLO\*K\*")/KK/00=")%)%L"YM\$)I\*/<KL&T)-&<"\$\*.\$\*-\*\* M<&TT\*L)&[0\*\*/KL&T)-F\*\*S<%"<"/<-&<T\*\*&\$\*\*M<&TT\*L)&[0\*\*&/KL&T)-")%["\*&00%J\*\*")%T%<)/<M\*F" 73669

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- :: F P"X\*\$K/)\*\*\*K&="\*\*,"K%/Y/T&)/%<"%Y"&<=")\*\$K"%Y"&<"M<\*ZL\*\$K/JF"CI\*\*X\*\$K/)\*\*\*-"/&./-\*\*\*)I&)" -\*T)/%<"Ä ÄFÄÄ!+"1F(F+"&<"NM0\*\*24D5ÄFÄÄ:+"1FPF@F+"&\$\*\*31L/D/\$&)"K%/Y/T&)/%<-F
- :ÄF CI\*\*X\*\$K/)\*\*\*-I&00"L\$&T)/T\*\*J&)\*\$T%<-\$.&)/%<"%)/<T\$\*&-"\*\*YT/\*<T="Y")\$&<-L#%\$LL0/T&)/%<+"&<" M-\*+"&-"J\*00"&-"%)"\*\*T\$\*&-"\*J&-)\*\*&<"%)"K/</K/c\*\*M<Y%\$K"L\$%L\*\$)=F"MTI")/K\*\*&-"I\*\*^%.\*\$</<G"#%&\$\*\*&%L)-"L\*T/Y/T"t%<-\$.&)/%<"\$\*RM/\$\*K\*-<)"Y%\$")I\*\*X\*\$K/)I&)\*\$M-\*T0&-)/Y/T&)/%<H/-"L\*\$K/)" -I&00["\*-M["\*T)"]%)"I%-"\$\*RM/\$\*K\*-<)"ML%<"<)/T\*\*&<"&Y\$&&%&&[0\*\*L\*\$/%"Y%\$T%KLO/&<T\*F
- :ÄF CI\*\*D/-)/T)"K&="\*-)&[0/-I-"L\*T/&0"\$GM0&)/%<-"Y&\$\$E- \*\*@&M)/%F\$\*&-F"MTI")/K\*\*&-"I\*\* ^%.\*\$</<G"#%&\$\*\*&%L)-"MTI"L\$%./-/%<-+)"I/-"L\*\$K/)"-I&00["\*TM")%)"I\*\*K"ML%<"<)/T\*\*&<"&Y)\*\$\*& \$\*&-%<&[0\*\*L\*\$/%"Y%\$T%KLO/&<T\*F
- :2F ?%)/<G"/<")I/-"L\*\$K/)"-I%M0["\*T%<-)\$M\*\*")%0/K/)"I\*\*&M)/%\$%Y")I\*\*D/-)/T)%"\*\*T0&\$\*\*"&J&)\*\$-I%\$)&G\*\* &<"I/-M\*\*%\$\*\$-"LM\$-M&<)"%)"TI&L)\*\$Ä Ä+"1F(F""S<)"I\*\*.\*&)\*T0&\$\*\*"J&)\*\$-I%\$)&G\*\*+)"I\*\*X\*\$K/)\*\*\* KM-)"&I\*\$\*\*")%)"I\*\*J&)\*\$-I%\$)&G\*\*\$\*-)/T)/%<-+"&-"L\*T/Y/\*\*["\*D/-)/T)F"CI\*\*X\*\$K/)\*\*\*-"/&./-\*\*\*)I&)" 'M\$/<G"&J&)\*\$-I%\$)&G\*\*+)\$\*L%\$)-I&00["\*-M[K/)]\*\*\*&-"\$\*RM(\$\*D/-)/T)"\$M0\*\*%\$\*\*%\$F
- :8F CI/-"L\*\$K/)"-I/-M\*\*["&-"\*\*%<"/<Y%\$K&)/%<"L\$%./\*\*["=]"I\*\*X\*\$K /)\*\*\*"K%<-)\$&)/<G")I&)"I\*\*M-"\*\*Y"J&)\*\$ /-"\$\*-&%<&[0\*\*&<"["<\*Y/T/&0+"T%<-/-)\*<")J/)"I\*\*LM[0/T"/<)\*\$\*F\*&<"J/00"<%)"/<)\*\$Y\*\$\*\*J/)"I&<="Z/-)/<G" 0\*G&0"M-"\*\*%Y"J&)\*\$F"SY+"M\$/<G")I\*\*)\*\$K"%Y")I\*\*L\*\$K/)"\$K/\*-["=]"I\*\*D/-)/T)I&)"&)\*K\*-<)/<)"I\*\* &LL0/T&)/%<"&<"I/<)"I\*\*MLL%\$)/<G\*\*&)"&\*\$\*\*Y%M<")%)"["M<)"\$M&T&M\$&)\*+)"I\*\*M-\*"/<%)")\$\*&-%<&[0\*\* &<"["<\*Y/T/&0+"I/<)"I\*\*LM[0/T"/<)\*\$\*-)+%\$\*\*%\*-/KL&T)"&<"/ZG)"G&0"M-"\*\*Y"J&)\*\$+)"I\*\*^%.\*\$</<G"#%&\$\*\* -I&00"K%/Y=)"I/-"L\*\$K/)"%\$-I&00"\$\*%.\*")I/-"L\*\$K/)"Y%00%)/G\*\*&<"I&\$/<G+"LM\$-M&<)"%)"\*T)/%<- " Ä ÄF:Ä3"%\$Ä ÄFÄ2Ä+"1F(F""CI\*\*X\*\$K/)\*\*\*-I&00"/KK\*/I&)\*0="<%)I\*\*D/-)/T)"/<"J\$/)/<G"%Y"&<="L\$\*./%M-0=" -M[K/)]\*\*\*"/<Y%\$K&)/%<)"I&)"I/-"0&)\*\$\*\*"/-T%.\*\$\*\*")%)"["\*/<TTM\$&)\*
- :3F P00"L\*\$K/)"-)\$\*\$T%<)/<G\*-<)"ML%<"T%<)/<M\*\*%J<\*\$-I/L "%\$&G&0"7%&00"L\$%L\*\$)=%"<"J/TI"LMKL-+" J\*00-+)"I.\*\$-/%<-"%\$%)"I\*\$J&)\*\$J/)"I'\$&J&0"Y&T/0/)\*-"&\$\*\*0%T&

### LÄ%%'2"J\$%:+@MQ

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PM)I%\$/c\*\*"/G<&)M\$\*  
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CI/-"L\*\$K/)"-I/-M\*\*["M<\*\$")I\*\*L\$%./-/%<"%Y"@I&L)\*\$Ä Ä0%\$/\$&)&M\*-"&<"10%\$/&P'K/<(-)\$&)/. \*\*@%\*" 24D5Ä+&M)I%\$/c\*-"I\*\*X\*\$K/))\*\*\*)"J/)"I'\$&J)"I\*\*RM&<)//\*-"%M)0&[%. \*+&<"K&="\*\$\*RM/\$\*\*.&\$/%M-" &T)/./)/-")%)"["L\*\$Y%\$K\*\*["=]"I\*\*X\*\$K/))\*\*\*&-"\*\*T\$/\*["\*/<)"I\*\* "L\*\$K/)"<TOM'/<G")I\*\*("L\*T/&0"@%<'/)/%<-F" CI\*\*L\*\$K/)"%\*"<%)T%<.\*=")"%)"I\*\*X\*\$K/))\*\*\*&<="L\$%L\*\$)=\$/G%\$L\$/.I0\*G\*-"%)"I&<")I%-\*\*L\*T/Y/\*\* I\*\$\*/<+"<%\$\*\$0/\*.\*")I\*\*X\*\$K/))\*\*\*Y%\$K"t%KLO=I<G"J/)"I&<="&&[0]"0%T&0"G%.\*\$<K\*-<)+-)&)\*+%"\$Y\*\*\$&0" 0&J+"\$M0\*+"%\$%\$'/<&<T\*F

## **Appendix 4e: Copy of Air Quality Testing**

February 15, 2016



Ms. Danielle Henry  
Air Compliance  
FDEP Southwest District Office  
13051 N. Telecom Parkway  
Temple Terrace, FL 33637

**RE: West Florida Aggregates, LLC – Webster Florida Mine  
General Air Permit No. 0530017-011-AG  
Visible Emission Test Results**

Dear Ms. Henry:

Attached are the visible emission (VE) test results for the above referenced source. Also attached is a copy of my current VE certification. Please contact me if you have any questions regarding these results

Sincerely,

Grove Scientific & Engineering Company

A handwritten signature in blue ink, appearing to read "Bruno A. Ferraro".

Bruno A. Ferraro, CEP, QEP  
President

Cc: Brendall Campbell – West Florida Aggregates via email  
Ryan Mitchell, P.E. – E Sciences via email

# **ATTACHMENT 1**

## **VE TEST RESULTS AND OBSERVER'S VE CERTIFICATION**

Source/Process Information				Observation Readings												
Facility Name <i>West Florida Aggregates LLC</i>				Observation Method <i>Method 9</i>				Start Time <i>1012</i>				Stop Time <i>1042</i>				
Source Name <i>EA 006 Primary Crusher</i>		Permit No. <i>2530017-011-AG</i>		Sec	0	15	30	45	Min	Sec	0	15	30	45		
Location Address <i>3555 Cortez Blvd, Webster FL 33597</i>				1	0	0	0	0		31						
Contact <i>Brandell Campbell</i>		Phone No. <i>813-714-9850</i>		2	0	0	0	0		32						
Process/Production Rate <i>NMMP - Primary Crusher Point 1</i>				3	0	0	0	0		33						
Control Equipment <i>NONE</i>		Operating Mode <i>Normal</i>		4	0	0	0	0		34						
Fuel Type/Rate <i>Diesel</i>		Material Type/Rate <i>Limestone</i>		Permitted Rate <i>N/A</i>		5	0	0	0	0						
Describe Emission Point <i>Feed hopper of Primary Crusher</i>				6	0	0	0	0		36						
Height Above Ground Level <i>215 FT</i>		Height Relative to Observer <i>215 FT</i>		7	0	0	0	0		37						
<b>Emissions Description</b>				8	0	0	0	0		38						
Describe Emissions Start <i>NONE visible</i> End <i>NONE visible</i>				9	0	0	0	0		39						
Plume Color <i>Colorless</i>		Plume Type <i>NONE visible</i>		10	0	0	0	0		40						
Water Droplets Present Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		If yes, is plume Attached <input type="checkbox"/> <i>N/A</i> Detached <input type="checkbox"/>		11	0	0	0	0		41						
<b>Meteorological Information</b>				12	0	0	0	0		42						
Background Start <i>sky</i> End <i>sky</i>		Background Color Start <i>Grey</i> End <i>Grey</i>		13	0	0	0	0		43						
Sky Conditions % Cloud Cover Start <i>overcast</i> End <i>overcast</i>		Ambient Temp Start <i>68°F</i> End <i>68°F</i>		14	0	0	0	0		44						
Wind Speed Start <i>2-3</i> End <i>5-10</i>		Wind Direction Start <i>ESE</i> End <i>ESE</i>		15	0	0	0	0		45						
<b>Observation Data, Site Diagram</b>				16	0	0	0	0		46						
				17	0	0	0	0		47						
				18	0	0	0	0		48						
				19	0	0	0	0		49						
				20	0	0	0	0		50						
				21	0	0	0	0		51						
				22	0	0	0	0		52						
				23	0	0	0	0		53						
				24	0	0	0	0		54						
				25	0	0	0	0		55						
				26	0	0	0	0		56						
				27	0	0	0	0		57						
				28	0	0	0	0		58						
				29	0	0	0	0		59						
				30	0	0	0	0		60						
<b>Compliance Information</b>				<b>Certification Data, Signatures</b>												
Range of Opacity Readings Min: 0 Max: 0				Observer's Name <i>Brand A Ferraro</i>				Observer's Signature <i>Brand A Ferraro</i>				Date <i>2/15/16</i>				
Average of Highest 24 Consecutive Readings: 0				Organization <i>Grove Scientific &amp; Engineering LLC</i>				Certified By <i>Aeronet</i>				Date <i>Jan 2016</i>				
Short Term Average Data: Averaging Period <i>3</i> minutes Actual Average 0 %				I have received a copy of these observations: Signature				Date								
Comments: <i>Portable Crusher &amp; Transfer Conveyor run continuously - maximum feed rate</i>				APIS Number:												

Source/Process Information				Observation Readings										
Facility Name <i>West Florida Aggregates LLC</i>				Observation Method <i>Method 9</i>				Start Time <i>10:12</i>		Stop Time <i>10:42</i>				
Source Name <i>EU 006 Point 2 Conveyor</i>		Permit No. <i>0530017-011-A6</i>		Min	0	15	30	45	Sec	0	15	30	45	
Location Address <i>3555 Cortez Blvd, Webster FL 33597</i>				1	0	0	0	0	31					
Contact <i>Bronnell Campbell</i>				2	0	0	0	0	32					
Process/Production Rate <i>UNMP - Stackers Conveyor Point 2</i>				3	0	0	0	0	33					
Control Equipment <i>NONE</i>		Operating Mode <i>Normal</i>		4	0	0	0	0	34					
Fuel Type/Rate <i>Diesel</i>		Material Type/Rate <i>LIME STONE 250TPH</i>		5	0	0	0	0	35					
Describe Emission Point <i>Drop point from Primary Crusher to Stacker Conveyor</i>				6	0	0	0	0	36					
Height Above Ground Level <i>5 FT</i>		Height Relative to Observer <i>5 FT</i>		7	0	0	0	0	37					
<b>Emissions Description</b>				8	0	0	0	0	38					
Describe Emissions Start <i>NONE visible</i> End <i>NONE visible</i>				9	0	0	0	0	39					
Plume Color <i>colorless</i> Plume Type <i>NONE visible</i>				10	0	0	0	0	40					
Water Droplets Present Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, is plume Attached <input type="checkbox"/> Detached <input checked="" type="checkbox"/>				11	0	0	0	0	41					
<b>Meteorological Information</b>				12	0	0	0	0	42					
Background Start <i>Trees</i> End <i>Trees</i>		Background Color Start <i>Green</i> End <i>Green</i>		13	0	0	0	0	43					
Sky Conditions/% Cloud Cover Start <i>overcast</i> End <i>overcast</i>		Ambient Temp. Start <i>68°F</i> End <i>68°F</i>		14	0	0	0	0	44					
Wind Speed Start <i>2-8</i> End <i>5-10</i>		Wind Direction Start <i>ESE</i> End <i>ESE</i>		15	0	0	0	0	45					
<b>Observation Data, Site Diagram</b>				16	0	0	0	0	46					
<p>Stack with Plume <input checked="" type="checkbox"/></p> <p>Sun <input checked="" type="checkbox"/></p> <p>Wind <input checked="" type="checkbox"/></p> <p>North Arrow</p> <p>Emissions Point</p> <p>Observer's Position</p> <p>Sun Location Line</p> <p><i>NO SUN</i></p> <p><i>140°</i></p>				17	0	0	0	0	47					
				18	0	0	0	0	48					
				19	0	0	0	0	49					
				20	0	0	0	0	50					
				21	0	0	0	0	51					
				22	0	0	0	0	52					
				23	0	0	0	0	53					
				24	0	0	0	0	54					
				25	0	0	0	0	55					
				26	0	0	0	0	56					
				27	0	0	0	0	57					
				28	0	0	0	0	58					
				29	0	0	0	0	59					
				30	0	0	0	0	60					
<b>Compliance Information</b>				<b>Certification Data, Signatures</b>										
Range of Opacity Readings: Min: <i>0</i> Max: <i>0</i>				Observer's Name <i>Bruno A. Ferraro</i>				Date <i>2/6/16</i>						
Average of Highest 24 Consecutive Readings: <i>0</i>				Observer's Signature <i>Bruno A. Ferraro</i>				Organization <i>Grove Scientific &amp; Engineering Co.</i>						
Short Term Average Data: Averaging Period <i>3</i> minutes Actual Average <i>0</i> %				Certified By: <i>Aeromet</i>				Date <i>Jan 2016</i>						
Comments: <i>Transfer Convey hopper - continuous operation - maximum feed rate 250TPH</i>				I have received a copy of these observations: Signature				Date						
				APIS Number:										



**AeroMet**  
Engineering, Inc.  
*Solutions for a Changing Environment*

# Certification of Visible Opacity Reading

**Bruno Ferraro**

*qualified to conduct EPA Method 9 Tests for visible opacity in accordance with the methods established for such qualification in 40 CFR Part 60 Appendix A.*

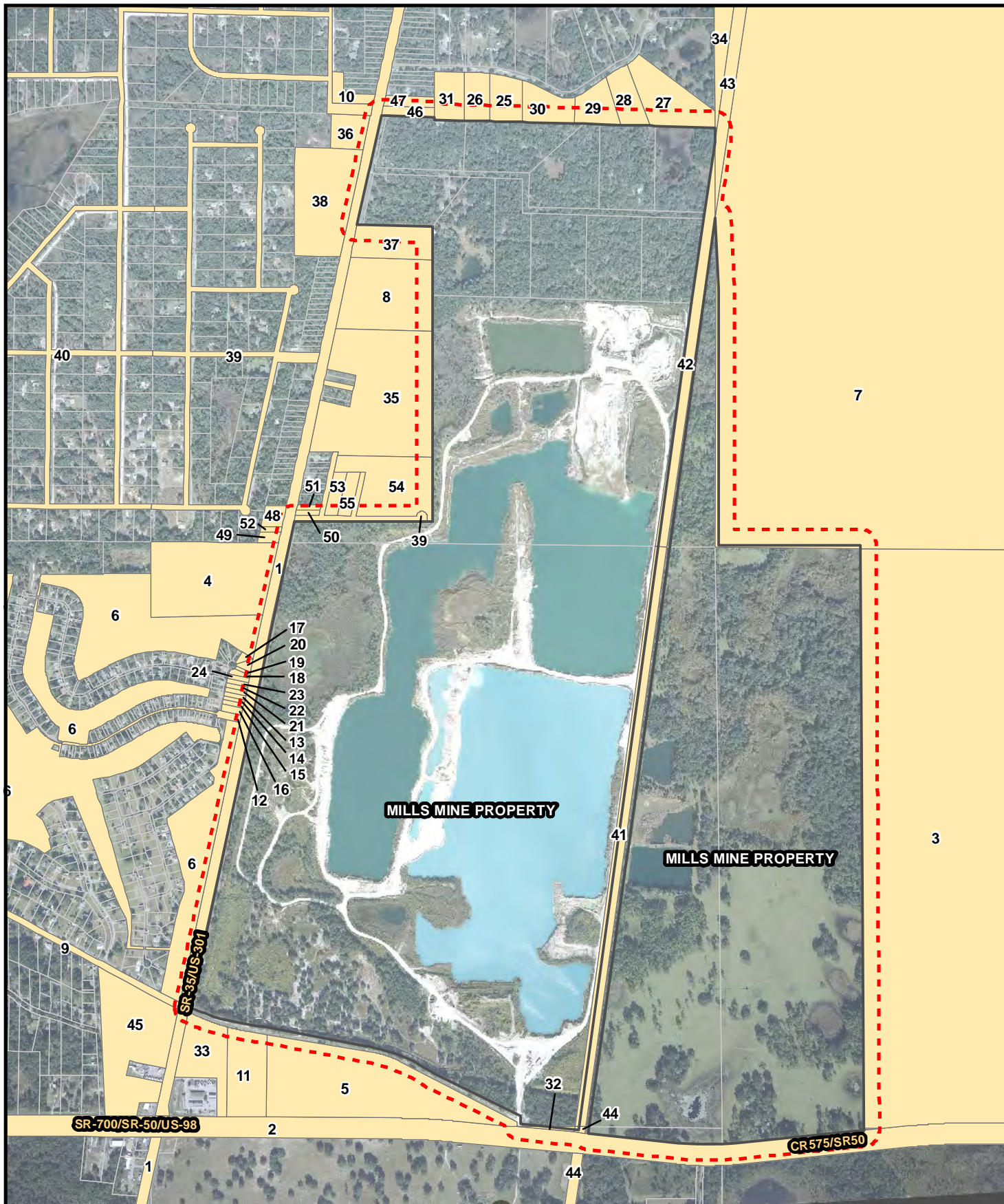
Certification Date: January 28, 2016

Expiration Date: July 28, 2016

AeroMet Instructor: Trey Beauchamp

## **Appendix 4f: List of Property Owners**





**Notes:**

- 1- Project No.: 600375
- 2- Data Source - Aerial Flown 12/05/2013 by Pickett  
Parcels: Hernando Co. Tax Roll 2014
- 3- This map is intended to be used for planning purposes only. It is not a survey.  
Date: 10/15/2014  
Revised:  
Checked By: MH

**Explanation of Features**

- Mills Mine Property
- 150 ft Buffer
- Property Parcels within 150 feet
- Property Parcels

NOTES:  
Parcel Reference No. shown above.  
See Table X for Parcel Information.



**Exhibit 4f(i)**  
**Key Map of Property Owners within 150 feet**  
**Mills Mine Expansion**  
**Hernando County, Florida**



AMEC Environment & Infrastructure, Inc.  
2000 E. Edgewood Drive Ste #215 - Lakeland, FL 33803 - CA-5392 - (863) 667-2345

**Table 4i. Property Parcels within 150 feet of the Mills Mine Property**

KEY_ID	PARCEL_ID	NAME	ADDRESS	CITY	STATE	ZIP
1	R13 422 21 0000 0000 000A	STATE OF FLORIDA DOT	11201 N MCKINLEY DR	TAMPA	FLORIDA	33612
2	R23 422 19 0000 0000 000A	STATE OF FLORIDA D O T	11201 N MCKINLEY DR	TAMPA	FLORIDA	32399
3	R06 423 22 0000 0020 0000	TIITF/FORESTRY, WITHLACOCOCHEE	3900 COMMONWEALTH BLVD	TALLAHASSEE	FLORIDA	32399
4	R01 423 21 0000 0030 0000	YOUNG AUGUSTUS J	8343 ERIC ST	SPRING HILL	FLORIDA	34608
5	R01 423 21 0000 0050 0000	HORNE PROPERTIES INC	PO BOX 31769	KNOXVILLE	TENNESSEE	37930
6	R02 423 21 0000 0270 0000	RIDGE MANOR OAKS LLC	34450 WHISPERING OAKS BLVD	DADE CITY	FLORIDA	33523
7	R31 422 22 0000 0010 0000	TIITF/FORESTRY, WITHLACOCOCHEE	3900 COMMONWEALTH BLVD	TALLAHASSEE	FLORIDA	32399
8	R36 422 21 0000 0050 0000	MATALA JANICE E	7064 TREIMAN BLVD	WEBSTER	FLORIDA	33597
9	R03 423 21 0000 0000 000A	HERNANDO COUNTY	20 N MAIN ST RM 460	BROOKSVILLE	FLORIDA	34601
10	R36 122 21 0872 0240 0C51	GARNETT GEORGE	21027 SOUTHERN SKY DR	WEBSTER	FLORIDA	33597
11	R01 423 21 0000 0090 0010	HORNE PROPERTIES INC	412 N CEDAR BLUFF RD	KNOXVILLE	TENNESSEE	37923
12	R01 123 21 8010 00A0 0000	WHISPERING OAKS HOMEOWNERS	35142 WHISPERING OAKS BLVD	RIDGE MANOR	FLORIDA	33523
13	R01 123 21 8025 0021 00A0	FEDERAL NATIONAL MORTGAGE ASSO	2900 ESPERANZA XING	AUSTIN	TEXAS	78758
14	R01 123 21 8025 0021 00B0	STALNAKER WILLIAM L ESTATE, ST	6124 BEECHWOOD DR	DADE CITY	FLORIDA	33523
15	R01 123 21 8025 0021 00C0	RUPERT RENEE D	6122 BEECHWOOD DR	RIDGE MANOR	FLORIDA	33523
16	R01 123 21 8025 0021 00D0	MURPHY THOMAS J, MURPHY ANNETT	688 COUNTY ROUTE 25	OSWEGO	NEW YORK	13126
17	R01 123 21 8023 0000 00C0	DONAHUE ANN L TRUSTEE	6164 BEECHWOOD DR	RIDGE MANOR	FLORIDA	33523
18	R01 123 21 8024 0019 00A0	SALMON NANCY H, SALMON CECIL T	4910 N MONROE ST APT G104	TALLAHASSEE	FLORIDA	32303
19	R01 123 21 8024 0019 00B0	TUTTLE KAREN	6152 BEECHWOOD DR	RIDGE MANOR	FLORIDA	33523
20	R01 123 21 8024 0019 00C0	SCOTT HALLA T	6154 BEECHWOOD DR	RIDGE MANOR	FLORIDA	33523
21	R01 123 21 8024 0020 00A0	SUTTON JOANNA B	6138 BEECHWOOD DR	DADE CITY	FLORIDA	33523
22	R01 123 21 8024 0020 00B0	MILLER ESTHER E	6140 BEECHWOOD DR	RIDGE MANOR	FLORIDA	33523
23	R01 123 21 8024 0020 00C0	TEAR EDDIS L REVOCABLE TRUST	6142 BEECHWOOD DR	DADE CITY	FLORIDA	33523
24	R01 123 21 8024 0020 00D0	WEYRAUCH KEITH W, WEYRAUCH COL	1214 PRUNE ST	HOLLISTER	CALIFORNIA	95023
25	R36 122 21 0775 0000 0140	HORWATH PAMELA, HORWATH GEORGE	35362 RANCHETTE BLVD	WEBSTER	FLORIDA	33597
26	R36 122 21 0775 0000 0150	HEADY WILLIAM	12205 EAST 211TH ST	PECULIAR	MISSOURI	64078
27	R36 122 21 0775 0000 0100	PUNTES FRED F, PUNTES MAYLEN	35472 RANCHETTE BLVD	WEBSTER	FLORIDA	33597
28	R36 122 21 0775 0000 0110	INNOVATIVE HOME MANAGEMENT INC	PO BOX 280031	TAMPA	FLORIDA	33682
29	R36 122 21 0775 0000 0120	GALIDYKI GROUP LLC	9615 MOONSTONE MIST LN	KATY	TEXAS	77494
30	R36 122 21 0775 0000 0130	CLARK PAUL	35396 RANCHETTE BLVD	WEBSTER	FLORIDA	33597
31	R36 122 21 0775 0000 0160	MERCED JOSE R, MERCED TERESA	35304 RANCHETTE BLVD	WEBSTER	FLORIDA	33597
32	R12 423 21 0000 0010 0070	RIDGE MANOR LAND COMPANY INC	PO BOX 840	LAKE WALES	FLORIDA	33859
33	R01 423 21 0000 0050 0010	HORNE PROPERTIES INC	412 N CEDAR BLUFF RD STE 205	KNOXVILLE	TENNESSEE	37923
34	R31 422 22 0000 0010 0010	TIITF/FORESTRY, WITHLACOCOCHEE	3900 COMMONWEALTH BLVD	TALLAHASSEE	FLORIDA	32399
35	R36 422 21 0000 0010 0010	AFTER HOURS RETREAT LLC	4035 1ST AVE N	ST PETERSBURG	FLORIDA	33713
36	R36 422 21 0000 0070 0010	JONES CASEY	1387 NE 17TH ST	SUMTERVILLE	FLORIDA	33585
37	R36 422 21 0000 0050 0010	MATALA STEPHEN J, MATALA JANIC	7064 TREIMAN BLVD	WEBSTER	FLORIDA	33597
38	R36 422 21 0000 0070 0030	OCHOA JOSE F JR, JACKSON GEORG	1229 TIFFANY DR	PENSACOLA	FLORIDA	32514
39	R36 122 21 0860 0000 000A	HERNANDO COUNTY	20 N MAIN ST RM 263	BROOKSVILLE	FLORIDA	34601
40	R36 122 21 0870 0000 000A	HERNANDO COUNTY	20 N MAIN ST RM 263	BROOKSVILLE	FLORIDA	34601
41	R01 423 21 0000 0010 0000	SEABOARD COASTLINE RAILROAD CO	500 WATER ST (J910)	JACKSONVILLE	FLORIDA	32202
42	R36 422 21 0000 0020 0000	SEABOARD COASTLINE RAILROAD CO	500 WATER ST (J910)	JACKSONVILLE	FLORIDA	32202
43	R31 422 22 0000 0020 0000	SEABOARD COASTLINE RAILROAD CO	500 WATER ST (J910)	JACKSONVILLE	FLORIDA	32202
44	R12 423 21 0000 0100 0000	SEABOARD COASTLINE RAILROAD CO	500 WATER ST (J910)	JACKSONVILLE	FLORIDA	32202
45	R02 123 21 0940 0000 0010	PAPPAS MICHAEL L JR TTEE	101 SHORE DR	DUNEDIN	FLORIDA	34698
46	R36 122 21 0170 0000 0260	CY INVESTMENTS LLC	775 SW MUNJACK CIR	PORT ST LUCIE	FLORIDA	34986
47	R36 122 21 0170 0000 0240	CY INVESTMENTS LLC	775 SW MUNJACK CIR	PORT ST LUCIE	FLORIDA	34986
48	R36 122 21 0860 00C0 0460	WEDEKAMM ROBERT	9216 N THATCHER AVE	TAMPA	FLORIDA	33614
49	R36 122 21 0860 00C0 0510	IANDOLI ANTHONY P TTEE	289 EMERSON RD	LEXINGTON	MASSACHUSET	2420
50	R36 122 21 0860 00C0 0530	EWING JOHN O, EWING SHERRY H	3903 WHITETAILE DR	DENTON	TEXAS	76208
51	R36 122 21 0860 00C0 0540	EWING JOHN O, EWING SHERRY H	3903 WHITETAILE DR	DENTON	TEXAS	76208
52	R36 122 21 0860 00C0 0500	IANDOLI ANTHONY P TTEE	289 EMERSON RD	LEXINGTON	MASSACHUSET	2420
53	R36 122 21 0860 0000 0860	MAZAUSKAS JOAN F TTEE, WYATT P	811 TURBEVILLE TER	THE VILLAGES	FLORIDA	32162
54	R36 122 21 0860 0000 0880	ZAENGLE CHARLOTTE, ZAENGLE KEI	35245 MERRYHILL DR	WEBSTER	FLORIDA	33597
55	R36 122 21 0860 0000 0870	MAZAUSKAS JOAN F TTEE, WYATT P	811 TURBEVILLE TER	THE VILLAGES	FLORIDA	32162

## **Appendix 4g: Blasting and User Permits**

Jeff Atwater  
CHIEF FINANCIAL OFFICER

Julius Halas  
DIVISION DIRECTOR



Casia Sinco  
BUREAU CHIEF

Keith McCarthy  
SAFETY PROGRAM MANAGER

**FLORIDA DEPARTMENT OF FINANCIAL SERVICES**  
**DIVISION OF STATE FIRE MARSHAL**  
200 East Gaines Street - Tallahassee, Florida 32399-0342  
Tel. 850-413-3644 Fax. 850-410-2467

---

**CONSTRUCTION MINING PERMIT**  
**OFFICIAL COPY**

THIS CERTIFIES THAT: West Florida Aggregates, LLC--Brandell Campbell

35553 Cortez Blvd

Webster FL 33596

Has complied with Florida Statues and is permitted to engage in construction materials mining extracting limestone and send suitable for production of construction aggregates, sand, cement, and road base materials at:

Hwy 50 and 301 in Ridge Manor. 35553 Cortez Blvd. Webster. FL 33597

Issue Date: 04/01/2016  
Type: 07  
Class: 08  
County: Hernando  
License/Permit #: CMP16-000003  
Expiration Date: 03/31/2017



Handwritten signature of Jeff Atwater in black ink.

Chief Financial Officer

## Appendix 5: Reclamation Plan

- Whole site from ERP No. 231412-003

Figure 8: Conceptual Post Reclamation Land Use and Cover

- North expansion detail from ERP No. 231412-003

Figure 8a: Conceptual Post Reclamation Land Use and Cover, North Expansion

- East expansion details from ERP No. 231412-002

Figure 8A: Conceptual Post Reclamation Land Use and Cover, East Expansion

- Littoral Shelf Detail from ERP No. 231412-003

Figure 16B: Cross Section, Littoral Shelf

**FIGURE 8: CONCEPTUAL POST RECLAMATION LAND USE AND COVER 2013 TRUE COLOR AERIAL MILLS MINE ERP NORTH (HENLEY) EXPANSION HERNANDO COUNTY, FLORIDA**  
 MAP SCALE IS SET FOR MAPS PRINTED ON 8.5X11 PAPER. 1 INCH EQUALS 1,200 FEET














**LEGEND**

 MILLS MINE BOUNDARY



1731 NW 6th Street, Suite D Gdenville, FL 32609  
 8577 A1A South, Suite 102 St. Augustine, FL 32080  
 www.ECFlorida.com  
 352.371.4333 904.416.9305

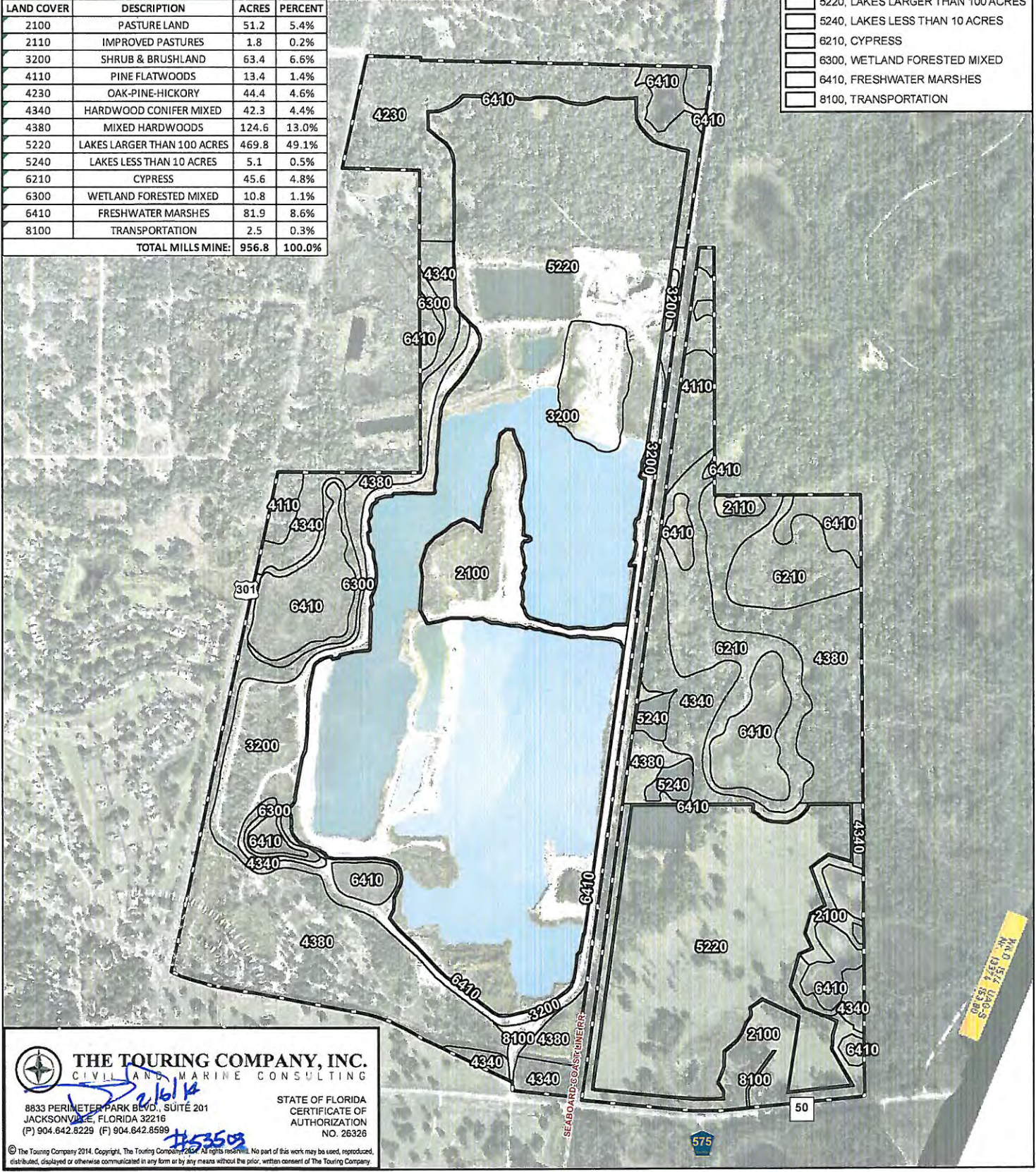
**POST RECLAMATION LAND USE & COVER**

-  2100, PASTURE LAND
-  2110, IMPROVED PASTURES
-  3200, SHRUB & BRUSHLAND
-  4110, PINE FLATWOODS
-  4230, OAK-PINE-HICKORY
-  4340, HARDWOOD CONIFER MIXED
-  4380, MIXED HARDWOODS
-  5220, LAKES LARGER THAN 100 ACRES
-  5240, LAKES LESS THAN 10 ACRES
-  6210, CYPRESS
-  6300, WETLAND FORESTED MIXED
-  6410, FRESHWATER MARSHES
-  8100, TRANSPORTATION

LAND USE AND COVER AS SHOWN IS CONCEPTUAL ONLY AND SUBJECT TO CHANGE BASED UPON MARKET CONDITIONS, ROCK QUALITY, DEPOSIT CHARACTERISTICS AND OTHER FACTORS.

DATA SOURCES: EC&D, FL DOT, FL DOR, SWFWMD, USGS/NHD, USDA/NRCS, FDEP/FNAI, FWC/NWI, US CENSUS (TIGER 2008), PICKETT SURVEYING (2013 AERIAL). DATA ARE PROVIDED "AS IS". ACREAGES ARE APPROXIMATE & GIS DERIVED.

LAND COVER	DESCRIPTION	ACRES	PERCENT
2100	PASTURE LAND	51.2	5.4%
2110	IMPROVED PASTURES	1.8	0.2%
3200	SHRUB & BRUSHLAND	63.4	6.6%
4110	PINE FLATWOODS	13.4	1.4%
4230	OAK-PINE-HICKORY	44.4	4.6%
4340	HARDWOOD CONIFER MIXED	42.3	4.4%
4380	MIXED HARDWOODS	124.6	13.0%
5220	LAKES LARGER THAN 100 ACRES	469.8	49.1%
5240	LAKES LESS THAN 10 ACRES	5.1	0.5%
6210	CYPRESS	45.6	4.8%
6300	WETLAND FORESTED MIXED	10.8	1.1%
6410	FRESHWATER MARSHES	81.9	8.6%
8100	TRANSPORTATION	2.5	0.3%
<b>TOTAL MILLS MINE:</b>		<b>956.8</b>	<b>100.0%</b>



**THE TOURING COMPANY, INC.**  
 CIVIL AND MARINE CONSULTING











8833 PERIMETER PARK BLVD., SUITE 201  
 JACKSONVILLE, FLORIDA 32216  
 (P) 904.642.8229 (F) 904.642.8599

STATE OF FLORIDA  
 CERTIFICATE OF  
 AUTHORIZATION  
 NO. 26326

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**FIGURE 8A: CONCEPTUAL  
POST RECLAMATION  
LAND USE AND COVER  
2013 TRUE COLOR AERIAL  
MILLS MINE ERP  
NORTH (HENLEY) EXPANSION  
HERNANDO COUNTY, FLORIDA**

**LEGEND**

-  MILLS MINE  
NORTH EXPANSION  
+/- 112 AC.
-  MILLS MINE  
EXISTING
- POST RECLAMATION  
LAND USE & COVER**
-  3200, SHRUB & BRUSHLAND
-  4110, PINE FLATWOODS
-  4230, OAK-PINE-HICKORY
-  4340, HARDWOOD  
CONIFER MIXED
-  4380, MIXED HARDWOODS
-  5230, LAKES LARGER THAN  
10 ACRES, LESS THAN  
100 ACRES
-  6300, WETLAND FORESTED  
MIXED
-  6410, FRESHWATER MARSHES



1 INCH EQUALS 400 FEET  
 0 100 200 300 400 500 FEET  
 MAP SCALE IS SET FOR MAPS PRINTED ON 8.5X11 PAPER



**E&C&D**  
 Environmental Consulting & Design, Inc.  
 www.ECDInc.com  
 1731 NW 4<sup>th</sup> Street, Suite D  
 Gainesville, FL 32609  
 Phone: 352.371.4333  
 Fax: 352.371.4335

**DATA SOURCES:**  
 EC&D, FL DOT, FL DOR, SWFWMD,  
 USGS/NHD, USDA/NRCS, FDEP/FNAI,  
 FWC/NMFI, US CENSUS (TIGER 2008),  
 PICKETT SURVEYING (2013 AERIAL)  
 DATA IS PROVIDED 'AS IS'. ACREAGES  
 ARE APPROXIMATE & GIS DERIVED.



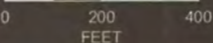
**THE TOURING COMPANY, INC.**  
 CIVIL AND MARINE CONSULTING  
 STATE OF FLORIDA  
 CERTIFICATE OF  
 AUTHORIZATION  
 NO. 26326  
 8833 PENMEETER PARK BLVD., SUITE 201  
 JACKSONVILLE, FLORIDA 32216  
 (P) 904.642.8229 (F) 904.642.8599  
 #53503

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FIGURE 8A: CONCEPTUAL  
 POST RECLAMATION  
 LAND USE AND COVER  
 2011 TRUE COLOR AERIAL  
 MILLS MINE EAST EXPANSION  
 HERNANDO COUNTY, FLORIDA

1 INCH EQUALS 400 FEET



MAP SCALE IS SET FOR MAPS PRINTED ON 8.5X11 PAPER.

**LEGEND**

- MILLS MINE EAST EXPANSION +/- 154 AC.
- MILLS MINE EXISTING

LAND USE AND COVER AS SHOWN IS CONCEPTUAL ONLY AND SUBJECT TO CHANGE BASED UPON MARKET CONDITIONS, ROCK QUALITY, DEPOSIT CHARACTERISTICS AND OTHER FACTORS.

**EXPANSION AREA  
 POST RECLAMATION  
 LAND USE & COVER**

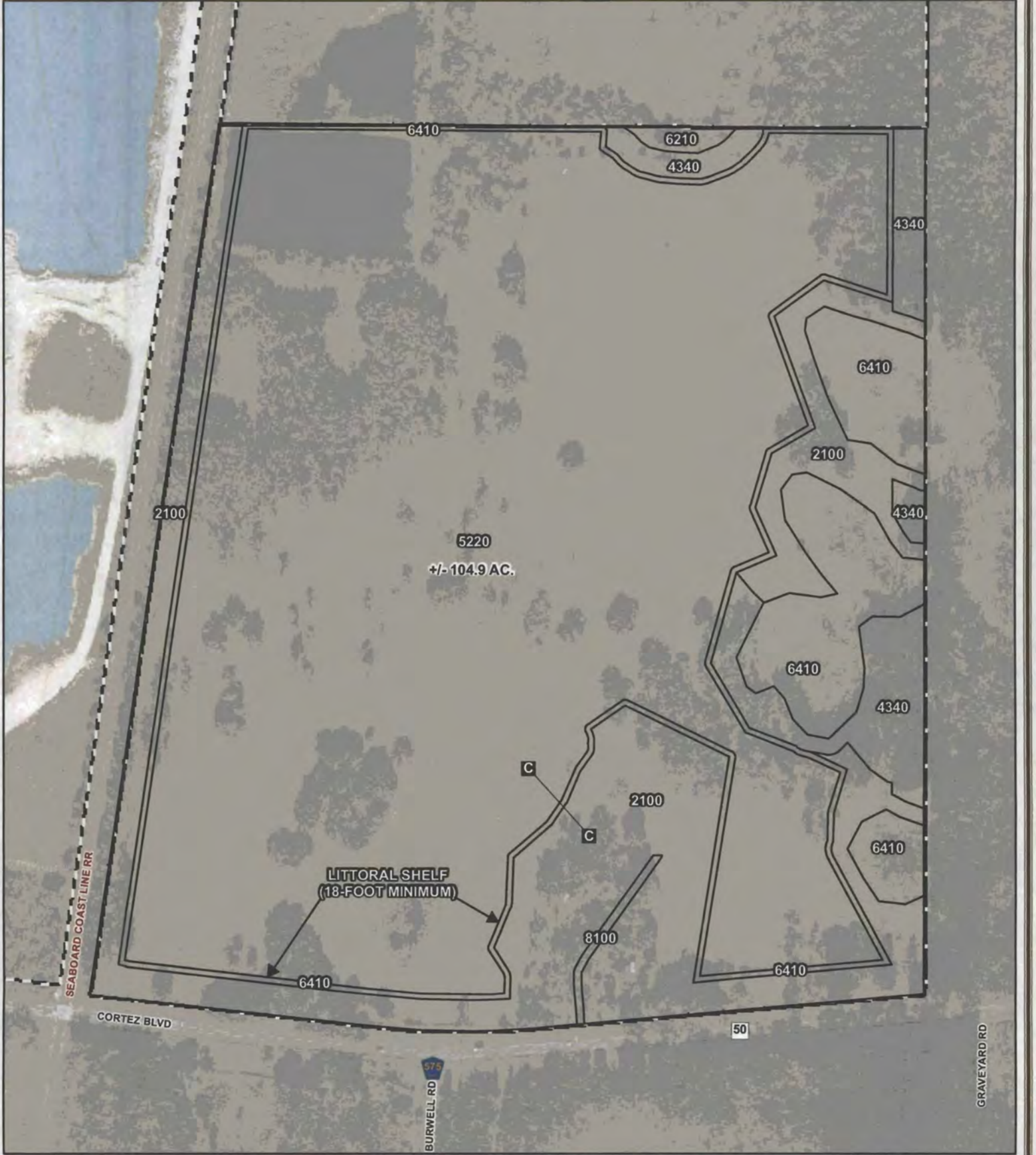
- 1100, RESIDENTIAL LOW DENSITY
- 1600, EXTRACTIVE
- 2100, PASTURE LAND
- 4340, HARWOOD CONIFER MIXED
- 6210, CYPRESS
- 6410, FRESHWATER MARSHES
- 8100, TRANSPORTATION



1731 NW 6<sup>th</sup> Street, Suite D  
 Gainesville, FL 32609  
 352.371.4333

4277 A1A South, Suite 102  
 St Augustine, FL 32080  
 904.495.1001

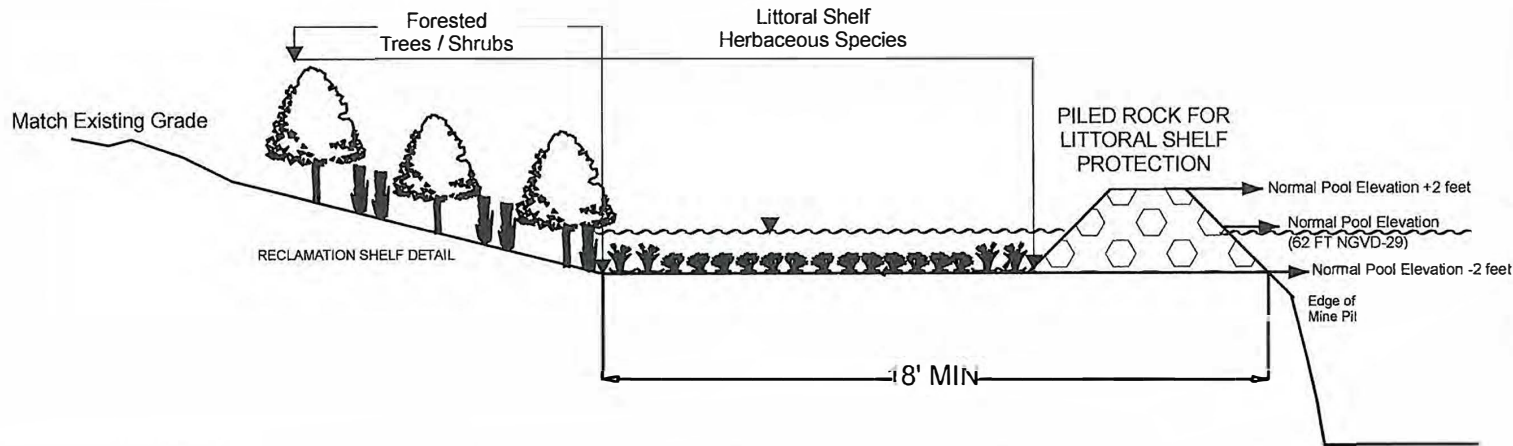
DATA SOURCES: EC&D, FL DOT, FL DOR, SWFWMD, USGS/NHD, USDA/NRCS, FDEP, FNAI, FWC/RWI, US CENSUS (TIGER 2008), PICKETT SURVEYING (2011 AERIAL). DATA IS PROVIDED 'AS IS.' ACRES/AGES ARE APPROXIMATE & GIS DERIVED.





**FIGURE 16B:  
CROSS SECTION:  
LITTORAL SHELF  
(POST RECLAMATION)  
MILLS MINE ERP  
NORTH (HENLEY) EXPANSION  
HERNANDO COUNTY, FL**

**RECLAMATION - DETAIL OF LITTORAL SHELF  
(POST-MINING)**



NOTES: LITTORAL SHELF WILL BE CONSTRUCTED AS PER CHAPTER 62c-36.008 (8) (a) F.A.C. AND HERNANDO COUNTY CODE OF ORDINANCES CHAPTER 19 MINING REGULATIONS, ARTICLE IV RECLAMATION STANDARDS, SECTION 19-72 (b) (3)

**TYPICAL CROSS-SECTION (N.T.S.)**



**THE TOURING COMPANY, INC.**  
CIVIL AND MARINE CONSULTING

8833 PERIMETER PARK BLVD., SUITE 201  
JACKSONVILLE, FLORIDA 32216  
(P) 904.642.8229 (F) 904.642.8599

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NO. 26326

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*[Handwritten signature]*  
2/6/14  
#53503



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1731 NW 6th Street, Suite D Goinesville, FL 32909 6277 A1A South, Suite 102 St Augustine, FL 32080

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© 904.495.5305

# **APPENDIX B**

**Florida Department of  
Environmental Protection**

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

Rick Scott  
Governor

Carlos Lopez-Cantera  
Lt. Governor

Jonathan P. Steverson  
Secretary

**Air General Permit Registration Acknowledgement**

December 17, 2015

Ryan Mitchell  
West Florida Aggregates  
35553 Cortez Blvd  
Webster, Florida 33597 9206

Facility ID: 0530017  
Project No: 0530017-011-AG

This is to acknowledge that your Air General Permit (AGP) change of ownership registration to operate a Nonmetallic Mineral Processing Plant (Crusher) facility under the authority of Rule 62-210.310, Florida Administrative Code (F.A.C.), was received by the Department of Environmental Protection on December 17, 2015. Please save this acknowledgement letter for your records.

Pursuant to Section 403.814, Florida Statutes, the authority to operate under general permits commences thirty (30) days after receipt of the registration unless you have been informed otherwise by the Department. The effective date of this authorization is: January 17, 2016.

Please review and comply with the Nonmetallic Mineral Processing Plant (Crusher) AGP rule conditions under 62-210.310(5)(e), F.A.C. (<http://www.dep.state.fl.us/air/rules/fac/62-210.pdf>).

Additional information and compliance assistance materials for AGP facilities can be found on the Small Business Environmental Assistance Program website at:  
<http://www.dep.state.fl.us/air/emission/sbeap/sbeap.htm>.

Please note that the authority to operate pursuant to Rule 62-210.310, F.A.C., expires after five (5) years. The expiration date of this authorization is: January 16, 2020. A renewal registration must be received by the Department at least thirty (30) days prior to this expiration date if the facility plans to continue operations.

If you have any additional questions, please contact the Small Business Environmental Assistance Program at (800) 722-7457 or by e-mail at [FL.AGP@dep.state.fl.us](mailto:FL.AGP@dep.state.fl.us).

Jimmy Patronis  
CHIEF FINANCIAL OFFICER

Julius Halas  
DIVISION DIRECTOR



Casia Sisco  
BUREAU CHIEF

Keith McCarthy  
SAFETY PROGRAM MANAGER

FLORIDA DEPARTMENT OF FINANCIAL SERVICES

DIVISION OF STATE FIRE MARSHAL

200 East Gaines Street Tallahassee, Florida 32309-0342  
Tel. 850-413-3644 Fax. 850-413-2167

CONSTRUCTION MINING PERMIT  
OFFICIAL COPY

THIS CERTIFIES THAT: West Florida Aggregates, LLC  
35553 Cortez Blvd.  
Webster FL 33597

Has complied with Florida Statutes and is permitted to engage in construction materials mining extracting limestone and sand suitable for production of construction aggregates, sand, cement, and road base materials at:

35553 Cortez Blvd. Webster, FL 33597

Issue Date: 04/05/2019  
Type: 07  
Class: 08  
County: Hernando  
License/Permit #: CMP16-000003  
Expiration Date: 04/04/2020



Handwritten signature of Jimmy Patronis in cursive.

Chief Financial Officer



# Florida Department of Environmental Protection

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

Rick Scott  
Governor

Carlos Lopez-Cantera  
Lt. Governor

Noah Valenstein  
Secretary

July 17, 2017

West Florida Aggregates, LLC  
c/o William McDonald, President  
One Office Park Circle, Suite 300  
Birmingham, AL 35223  
**Via email: [wwmjr@wminvest.com](mailto:wwmjr@wminvest.com)**

**RE: Minor Modification, West Florida Aggregates Mine, West Florida Aggregates, LLC, ERP No. MMR\_231412-007, Hernando County**

Dear Mr. McDonald:

On April 12, 2017, your request to modify the Environmental Resource Permit (ERP) for West Coast Florida Aggregates Mine (Permit No. MMR\_231412-005), was received by the Mining and Mitigation Program and assigned file number MMR\_231412-007. The modification was requested to remove monitoring wells MW-1, MW-2, and MW-3 from the monitoring plan and reposition Piezometer 4 (PZ-4) to a more accessible location.

The activities authorized by this permit are located near the intersection of US-301 and State Road 50, at Cortez Boulevard, in the town of Webster, Florida, in Section 36, Township 22S, Range 21E, and lie within the watershed of the Withlacoochee River drainage basin, Class III waters.

This is a minor modification in accordance with rule 62-330.315, Florida Administrative Code, (F.A.C.). Since the proposed modification is not expected to result in any adverse environmental impact or water quality degradation, the permit is hereby modified as requested. **There will be no increase in wetland impacts as a result of this modification. The other general and specific conditions of the permit are unchanged by this modification and remain in effect. The expiration date of the permit, October 27, 2031, also remains unchanged.**

The following figure shall be included as part of this minor modification:

1. Replace Figure 1 (West Florida Aggregates Mine Site, Wetland & Water Level Monitoring) of ERP No. 232412-005, with the revised Figure 1 (West Florida Aggregates Mine Site, Site Map (Revised)), as submitted on April 12, 2017.

## **NOTICE OF RIGHTS**

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

### Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rule 28-106.201, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, any email address, any facsimile number, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

#### Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who has asked the Department for notice of agency action may file a petition within 21 days of receipt of such notice, regardless of the date of publication. The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

#### Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, before the applicable deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

#### Mediation

Mediation is not available in this proceeding.

#### FLAWAC Review

The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

#### Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Rules

9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, M.S. 35, Tallahassee, Florida 32399-3000; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this action is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

The files associated with this order are available upon request. Please address your email request to [MiningAndMitigation@dep.state.fl.us](mailto:MiningAndMitigation@dep.state.fl.us) and include the file number, or contact our office at 850.245.8366.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION



---

Orlando E. Rivera, PWS  
Program Administrator  
Mining and Mitigation Program

*Prepared by Gustavo Adolfo Rodriquez*

**LIST OF ATTACHMENTS**

The following figure is hereby attached to, and becomes part, of this permit modification:

Figure 1 (West Florida Aggregates Mine Site, Site Map (Revised)), as submitted on April 12, 2017.

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy clerk hereby certifies that this permit and all copies were sent on the filing date below to the following listed persons:

DEP, FL Div. of Recreation & Parks, Bureau of Natural and Cultural Resources –  
[Cheri.Albin@dep.state.fl.us](mailto:Cheri.Albin@dep.state.fl.us)  
DEP, FL Div. of Recreation & Parks, District IV Administration – [Chris.Becker@dep.state.fl.us](mailto:Chris.Becker@dep.state.fl.us)  
DEP, GIS – [Angela.Bozeman@dep.state.fl.us](mailto:Angela.Bozeman@dep.state.fl.us)  
DEP, Southwest District, Environmental Resource Permitting – [sw\\_erp@dep.state.fl.us](mailto:sw_erp@dep.state.fl.us)  
Karen Miller – TCC-FPSI – [MillerKA@tcc.fl.edu](mailto:MillerKA@tcc.fl.edu)



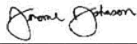
West Florida Aggregates, LLC  
West Florida Aggregates Mine  
Permit No. MMR\_231412-007  
Page 5 of 5

**CERTIFICATE OF SERVICE (continued):**

Kim Allen – TCC-FPSI – [AllenK@tcc.fl.edu](mailto:AllenK@tcc.fl.edu)  
Hernando County Office of Planning and Development – [Planning@hernandocounty.us](mailto:Planning@hernandocounty.us)  
Scott Evanson, E Sciences, Inc. – [sevanson@esciencesinc.com](mailto:sevanson@esciencesinc.com)  
Southwest Florida Water Management District, ERP Bureau –  
[Michelle.Hopkins@watermatters.org](mailto:Michelle.Hopkins@watermatters.org)  
USACOE, North Permits Branch – [SAJ-RD-N@usace.army.mil](mailto:SAJ-RD-N@usace.army.mil)

**FILING AND ACKNOWLEDGMENT**

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



\_\_\_\_\_  
**Clerk**

July 17, 2017

\_\_\_\_\_  
**Date**



**E Sciences**  
 E Sciences, Incorporated  
 FL Engineering Lic. #8691  
 34 East Pine Street  
 Orlando, Florida, 32801  
 www.esciencesinc.com  
 Phone: 407-481-9006  
 Fax: 407-481-9627

**West Florida Aggregates  
 Mine Site**  
 Ridge Manor  
 Hernando County, Florida

Site Map (Revised)  
 SCALE: 1"=800'  
 DATE: 3/8/2017

FIGURE  
**1**

DRAWN BY: DMM  
 CHECKED BY: JSB  
 PROJECT NUMBER: 1-2044-002

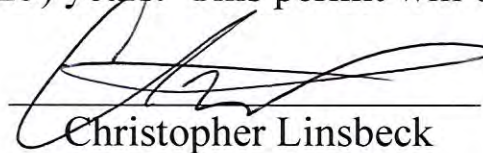


HERNANDO COUNTY DEVELOPMENT DEPARTMENT  
MASTER MINING PLAN APPROVAL (MAMPA)

E.R. JAHNA INDUSTRIES, INC.

MILLS MINE

In accordance with the Hernando County Mining Ordinance 93-13, this Master Mining Plan Approval # M-15-3 has met the provisions of Section 19-31 in chapter 19 of the Hernando County Code of Ordinances. The Hernando County Board of County Commissioners approved this MAMPA on October 27, 2015 for a period of twenty-five (25) years. This permit will expire on October 27, 2040.



Christopher Linsbeck  
Zoning Official

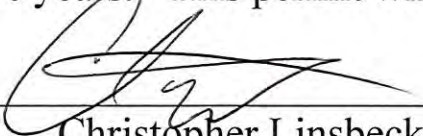


HERNANDO COUNTY DEVELOPMENT DEPARTMENT  
MINING OPERATION PLAN APPROVAL (MOPA)

WEST FLORIDA AGGREGATES LLC

WEST FLORIDA AGGREGATES MINE

West Florida Aggregates LLC have met the provisions of Section 19-32 of Chapter 19 and Master Mining Plan M-15-3. In accordance with the Hernando County Mining Ordinance 93-13, this Mining Operation Plan Approval number 15-05 has been approved by Hernando County on August 23, 2016 for a period of five years. This permit will expire on August 23, 2021.



Christopher Linsbeck  
Zoning Official



**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STORAGE TANK REGISTRATION PLACARD  
2019-2020**

STCM ACCOUNT: 72103

PLACARD NO: 568780

FACILITY ID: 8841105

PLACARD ISSUED: 07/25/2019

FACILITY: WEST FLORIDA AGGREGATES LLC  
35553 CORTEZ BLVD  
WEBSTER FL 33597 9110 HERNANDO COUNTY

PLACARD EXPIRES: 06/30/2020

FACILITY TYPE: Fuel user/Non-retail

TANK SYSTEMS REGISTERED: 1

ACCOUNT OWNER: WEST FLORIDA AGGREGATES LLC  
35553 CORTEZ BLVD  
WEBSTER FL 33597

HASH: B11R33VEET1J1V

The Storage Tank Registration placard must be posted at the facility.  
It must be placed out of the weather and in plain view of inspectors entering the facility.

Under Section 376.3077, Florida Statutes, it is unlawful to deposit motor fuel into a stationary storage tank system that requires registration unless proof of valid registration is displayed at the facility.

Acceptance of this placard constitutes agreement to operate the registered tanks in compliance with applicable Statutes and Department Rules.

DEPARTMENT OF ENVIRONMENTAL PROTECTION IS ON THE INTERNET

The Web address for DEP is <https://floridadep.gov>

You can access the Storage Tank Website by using <https://floridadep.gov/waste/permitting-compliance-assistance/content/storage-tank-compliance>.  
Look under the "Storage Tank Compliance Quick Links" section to find the links to storage tank rules, forms, database reports and program information.

CONTACT TANK REGISTRATION BY:

EMAIL - [TankRegistration@dep.state.fl.us](mailto:TankRegistration@dep.state.fl.us)  
PHONE - (850) 245-8839



Florida Department of Agriculture and Consumer Services  
 Division of Consumer Services  
 2005 Apalachee Pkwy  
 Tallahassee, Florida 32399-6500

June 21, 2019

WEST FLORIDA AGGREGATES, LLC  
 MR. DAVE JONES  
 35553 CORTEZ BLVD  
 WEBSTER, FL 33597-9206

SUBJECT: Weighing and Measuring Device Permit WM14820

The weighing and measuring device permit at the bottom of this form is valid ONLY for the business located at the address on the permit. All weighing and measuring device permits must be renewed annually. Any permit allowed to expire shall become inoperative because of failure to renew. A late fee of \$100 in addition to the permit fee must be paid for any permits not renewed prior to expiration.

IN THE EVENT OF AN OWNERSHIP CHANGE AT THIS BUSINESS LOCATION: This permit may be transferred to any person, firm or corporation for the remainder of the current permit year upon written request to the department by the new owner. If you need additional information, please contact the Bureau of Compliance at (850) 921-1590.

Pursuant to Chapter 531, Florida Statutes, weighing and measuring device permittees must present proof of permit.

For future correspondence, please make any needed corrections or changes to your business mailing address and/or your permitted location address and return the UPPER PORTION with corrections.

Cut Here



State of Florida  
 Department of Agriculture and Consumer Services  
 Division of Consumer Services  
 2005 Apalachee Pkwy  
 Tallahassee, Florida 32399-6500

Registration No.: WM14820  
 Issue Date: June 20, 2019  
 Expiration Date: June 8, 2021

POST CERTIFICATE  
 CONSPICUOUSLY

## Weighing and Measuring Device Permit

2 - SCALES - Greater than 20,000 lb

WEST FLORIDA AGGREGATES, LLC  
 35553 CORTEZ BLVD  
 WEBSTER, FL 33597-9206

*Nicole Fried*

NICOLE "KIKI" FRIED  
 COMMISSIONER OF AGRICULTURE

This is to certify that the Location whose name and address are shown above is permitted and has paid the prescribed fee (based on the declared types and number of devices) as required by s. 531.60 F.S..



An Equal  
Opportunity  
Employer

# Southwest Florida Water Management District

2379 Broad Street, Brooksville, Florida 34604-6899

(352) 796-7211 or 1-800-423-1476 (FL only)

WaterMatters.org

#### **Bartow Service Office**

170 Century Boulevard  
Bartow, Florida 33830-7700  
(863) 534-1448 or  
1-800-492-7862 (FL only)

#### **Sarasota Service Office**

6750 Fruitville Road  
Sarasota, Florida 34240-9711  
(941) 377-3722 or  
1-800-320-3503 (FL only)

#### **Tampa Service Office**

7601 U.S. 301 North (Fort King Highway)  
Tampa, Florida 33637-6759  
(813) 985-7481 or  
1-800-836-0797 (FL only)

May 08, 2017

West Florida Aggregates, LLC/Attn: Dave Jones, General Manager  
35553 Cortez Blvd  
Webster, FL 33597

Subject: **Notice of Intended Agency Action Letter - Approval**  
Letter Modification  
Water Use Permit No.: 20007822.008  
Project Name: West Florida Aggregates  
County: Hernando

Dear Permittee:

The Southwest Florida Water Management District (District) has completed its review of the application for Water Use Permit No. 20007822.008. Based upon a review of the information you have submitted, the District hereby gives notice of its intended approval of the application.

The File of Record associated with this application can be viewed at <http://www18.swfwmd.state.fl.us/search/search/searchwupsimple.aspx> and is also available for inspection Monday through Friday, except for District holidays, from 8:00 a.m. through 5:00 p.m. at the District's Tampa Service Office, 7601 U.S. Highway 301 North, Tampa, Florida 33637.

If you have any questions or concerns regarding your permit or any other information, please contact the Water Use Permit Bureau in the Tampa Service Office.

Sincerely,

Darrin Herbst  
Bureau Chief  
Water Use Permit Bureau  
Regulation Division

cc: E Sciences, Inc./Attn: Scott Evanson  
Dave Jones  
West Florida Aggregates, LLC



An Equal  
Opportunity  
Employer

# Southwest Florida Water Management District

2379 Broad Street, Brooksville, Florida 34604-6899

(352) 796-7211 or 1-800-423-1476 (FL only)

WaterMatters.org

#### **Bartow Service Office**

170 Century Boulevard  
Bartow, Florida 33830-7700  
(863) 534-1448 or  
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6750 Fruitville Road  
Sarasota, Florida 34240-9711  
(941) 377-3722 or  
1-800-320-3503 (FL only)

#### **Tampa Service Office**

7601 U.S. 301 North (Fort King Highway)  
Tampa, Florida 33637-6759  
(813) 985-7481 or  
1-800-836-0797 (FL only)

May 08, 2017

West Florida Aggregates, LLC/Attn: Dave Jones, General Manager  
35553 Cortez Blvd  
Webster, FL 33597

Subject: **Notice of Agency Action - Approval**  
Letter Modification  
Water Use Permit No.: 20007822.008  
Project Name: West Florida Aggregates  
County: Hernando

Dear Permittee:

The Southwest Florida Water Management District (District) is in receipt of your application for Water Use Permit No. 20007822.008. Based upon a review of the information you submitted, the permit is approved. Please refer to the attached Notice of Rights to determine any legal rights you may have concerning the District's agency action on the petition described in this letter. The specific modifications are listed in Attachment A and are considered a part of your Water Use Permit.

The District's action in this matter only becomes closed to future legal challenges from members of the public if such persons have been properly notified of the District's action and no person objects to the District's action within the prescribed period of time following the notification. The District does not publish notices of agency action. If you wish to limit the time within which a person who does not receive actual written notice from the District may request an administrative hearing regarding this action, you are strongly encouraged to publish, at your own expense, a notice of agency action in the legal advertisement section of a newspaper of general circulation in the county or counties where the activity will occur. Publishing notice of agency action will close the window for filing a petition for hearing. Legal requirements and instructions for publishing notices of agency action, as well as a noticing form that can be used, are available from the District's website at [www.WaterMatters.org/permits/noticing](http://www.WaterMatters.org/permits/noticing). If you publish notice of agency action, a copy of the affidavit of publication provided by the newspaper should be sent to the District's Tampa Service Office for retention in this permit's File of Record.

Please be advised that the Governing Board has formulated a water shortage plan referenced in a Standard Water Use Permit Condition (Exhibit A) of your permit, and will implement such a plan during periods of water shortage. You will be notified during a declared water shortage of any change in the conditions of your Permit or any suspension of your Permit, or of any restrictions on your use of water for the duration of the declared water shortage. Please further note that water conservation is a condition of your Permit and should be practiced at all times.



If you have any questions or concerns regarding your permit or any other information, please contact the Water Use Permit Bureau in the Tampa Service Office.

Sincerely,

Darrin Herbst  
Bureau Chief  
Water Use Permit Bureau  
Regulation Division

Enclosures: Attachment A  
Notice of Rights  
[Previous Permit](#)  
Exhibit B

cc: E Sciences, Inc./Attn: Scott Evanson  
Dave Jones  
West Florida Aggregates, LLC

**LETTER MODIFICATION**  
**Water Use Permit No: 20007822.008**  
**Attachment A**

**MODIFICATIONS**

The following constitutes modifications to the terms and conditions of Water Use Permit No. 20007822.008, effective May 08, 2017. This letter modification is to modify piezometer and staff gauge locations on the permit based on the final surveyed locations.

1. The quantities authorized by this permit are unchanged and are as follows: 27,000 gpd annual average and 40,500 gpd peak month.

2. The following Special Conditions have been modified:

a. Special Condition No. 10, which requires monitoring of piezometers is modified as follows:

By February 1, 2017, the Permittee shall record water levels referenced to North American Vertical Datum 1988 (NAVD88) and report them to the District at the frequency listed for the interval, aquifer system, or geologic formation listed. The monitor well(s) or piezometer(s) shall be surveyed by a surveyor licensed in the State of Florida and referenced to NAVD88, and a certified survey indicating the datum reference shall be submitted with the first water level data report. To the maximum extent possible, water levels shall be recorded on a regular schedule: same time each day, same day each week, same week each month as appropriate to the frequency noted. The readings shall be reported online via the Permit Information Center at the District website, ([www.watermatters.org/permits/epermitting/](http://www.watermatters.org/permits/epermitting/)), or mailed in hardcopy on District-provided forms to the address given in this permit for mailing data and reports on or before the tenth day of the following month. The frequency of recording may be modified by the Water Use Permit Bureau Chief, as necessary to ensure the protection of the resource.

District ID No. 11, Permittee ID No. PZ-1, to monitor the surficial aquifer on a bi-weekly basis at Lat. 28° 30' 43.97"; Long. 82° 8' 59.65".

District ID No. 12, Permittee ID No. PZ-2, to monitor the surficial aquifer on a bi-weekly basis at. Lat. 28° 30' 36.30"; Long. 82° 9' 0.97".

District ID No. 13, Permittee ID No. PZ-3, to monitor the surficial aquifer on a bi-weekly basis at Lat. 28° 31' 57.78"; Long. 82° 9' 17.44".

District ID No. 14, Permittee ID No. PZ-4, to monitor the surficial aquifer on a bi-weekly basis at Lat. 28° 31' 36.63"; Long. 82° 9' 39.74".  
(755)

b. Special Condition No. 11, which requires installation, maintenance, and monitoring of staff gauges is modified as follows:

By February 1, 2017, the Permittee shall install and maintain a District-approved staff gauge in the water bodies at the location(s) specified by latitude and longitude below and report measurements of water levels referenced to the North American Vertical Datum 1988, at the frequency indicated. Instructions for installation of the staff gauge, and for recording and reporting the data are given in Exhibit B, Water Level Instructions, attached to and made part of this permit.

District ID No. 15, Permittee ID No. SG-5 by February 1, 2017 on a bi-weekly basis at Lat. 28° 30' 37.73" North; Long. 82° 9' 2.70"

District ID No. 16, Permittee ID No. SG-3 by February 1, 2017 on a bi-weekly basis at Lat. 28° 30' 45.09" North; Long. 82° 8' 58.06"

District ID No. 17, Permittee ID No. SG-6 by February 1, 2017 on a bi-weekly basis at Lat. 28° 31' 57.95" North; Long. 82° 9' 18.90"

District ID No. 18, Permittee ID No. SG-4 by February 1, 2017 on a bi-weekly basis at Lat. 28° 31' 34.20" North; Long. 82° 9' 43.97"  
(761)

All other terms and conditions of this permit shall remain unchanged unless specifically modified by this Letter Modification, and this permit will expire on November 22, 2036.

## **Notice of Rights**

### **Administrative Hearing**

1. You or any person whose substantial interests are or may be affected by the District's intended or proposed action may request an administrative hearing on that action by filing a written petition in accordance with Sections 120.569 and 120.57, Florida Statutes (F.S.), Uniform Rules of Procedure Chapter 28-106, Florida Administrative Code (F.A.C.) and District Rule 40D-1.1010, F.A.C. Unless otherwise provided by law, a petition for administrative hearing must be filed with (received by) the District within 21 days of receipt of written notice of agency action. "Written notice" means either actual written notice, or newspaper publication of notice, that the District has taken or intends to take agency action. "Receipt of written notice" is deemed to be the fifth day after the date on which actual notice is deposited in the United States mail, if notice is mailed to you, or the date that actual notice is issued, if sent to you by electronic mail or delivered to you, or the date that notice is published in a newspaper, for those persons to whom the District does not provide actual notice.
2. Pursuant to Subsection 373.427(2)(c), F.S., for notices of intended or proposed agency action on a consolidated application for an environmental resource permit and use of sovereignty submerged lands concurrently reviewed by the District, a petition for administrative hearing must be filed with (received by) the District within 14 days of receipt of written notice.
3. Pursuant to Rule 62-532.430, F.A.C., for notices of intent to deny a well construction permit, a petition for administrative hearing must be filed with (received by) the District within 30 days of receipt of written notice of intent to deny.
4. Any person who receives written notice of an agency decision and who fails to file a written request for a hearing within 21 days of receipt or other period as required by law waives the right to request a hearing on such matters.
5. Mediation pursuant to Section 120.573, F.S., to settle an administrative dispute regarding District intended action is not available prior to the filing of a petition for hearing.
6. A request or petition for administrative hearing must comply with the requirements set forth in Chapter 28-106, F.A.C. A petition for a hearing must: (1) explain how the substantial interests of each person requesting the hearing will be affected by the District's intended action or proposed action, (2) state all material facts disputed by the person requesting the hearing or state that there are no material facts in dispute, and (3) otherwise comply with Rules 28-106.201 and 28-106.301, F.A.C. Chapter 28-106, F.A.C., can be viewed at [www.flrules.org](http://www.flrules.org) or at the District's website at [www.WaterMatters.org/permits/rules](http://www.WaterMatters.org/permits/rules).
7. A petition for administrative hearing is deemed filed upon receipt of the complete petition by the District Agency Clerk at the District's Tampa Service Office during normal business hours, which are 8:00 a.m. to 5:00 p.m., Monday through Friday, excluding District holidays. Filings with the District Agency Clerk may be made by mail, hand-delivery or facsimile transfer (fax). The District does not accept petitions for administrative hearing by electronic mail. Mailed filings must be addressed to, and hand-delivered filings must be delivered to, the Agency Clerk, Southwest Florida Water Management District, 7601 US Hwy 301, Tampa, FL 33637-6759. Faxed filings must be transmitted to the District Agency Clerk at (813) 367-9776. Any petition not received during normal business hours shall be filed as of 8:00 a.m. on the next business day. The District's acceptance of faxed petitions for filing is subject to certain conditions set forth in the District's Statement of Agency Organization and Operation, available for viewing at [www.WaterMatters.org/about](http://www.WaterMatters.org/about).

## **Judicial Review**

1. Pursuant to Sections 120.60(3) and 120.68, F.S., a party who is adversely affected by District action may seek judicial review of the District's action. Judicial review shall be sought in the Fifth District Court of Appeal or in the appellate district where a party resides or as otherwise provided by law.
2. All proceedings shall be instituted by filing an original notice of appeal with the District Agency Clerk within 30 days after the rendition of the order being appealed, and a copy of the notice of appeal, accompanied by any filing fees prescribed by law, with the clerk of the court, in accordance with Rules 9.110 and 9.190 of the Florida Rules of Appellate Procedure (Fla. R. App. P.). Pursuant to Fla. R. App. P. 9.020(h), an order is rendered when a signed written order is filed with the clerk of the lower tribunal.

# Exhibit B

## WATER LEVEL INSTRUCTIONS

The staff gauge(s) shall be surveyed according to instructions given on the District website and referenced to the North American Vertical Datum 1988, and a copy of the survey indicating the datum reference shall be submitted with the first water level data report. The staff gauge(s) shall be scaled in one-tenth foot increments and shall be sized and placed so as to be clearly visible from an easily accessible point of land. Water levels shall be recorded on a frequency as indicated in the table provided in the special condition and reported to the Water Use Permit Bureau, online via the WUP Portal at the District website or in hardcopy on District-provided forms on or before the tenth day of the following month. To the maximum extent possible, water levels shall be recorded on a regular schedule as indicated in the recording timetable below. The frequency of recording may be modified by the Water Use Permit Bureau Chief, as necessary to ensure the protection of the resource.

### Water Level Recording Timetable

<b>Frequency</b>	<b>Recording Schedules</b>
Daily	Same time of each day
Weekly	Same day of each week
Monthly	Same week of each month
Quarterly	Same week of months specified



**ENGINEERING  
ENVIRONMENTAL  
ECOLOGICAL**

**HERNANDO COUNTY DEVELOPMENT DEPARTMENT**  
**789 Providence Blvd.**  
**Brooksville, FL 34601-2893**

**Mining Operation Plan Approval (MOPA) Modification Application**

Date August 2, 2019

This application, with all exhibits attached, must be completed and filed with this office and approved as sufficient prior to staff notification as required in Section 19-32 of the Hernando County Ordinance 93-13.

1. Mining company and address: West Florida Aggregates  
35553 Cortez Blvd.  
Webster, FL 33597
  
2. Designated responsible person: Brandell Campbell
  - a. Address: 35553 Cortez Blvd. Webster, FL 33597
  - b. Telephone: 813-714-9850
  
3. Date of Existing Master Mining Plan Approved: M-15-3 approved October 27, 2015
  
4. The following information must be attached:
  - a. Copy of the approved existing mining operation plan.
  - b. Proposed MOPA modification plan with information including:
    1. North arrow, date and scale;
    2. Property lines and ownership, using bearings and distances where available;
    3. Existing natural and manmade features, including streets, utility lines, and other physical features;
    4. Location of any right-of-way lines and easement lines;
    5. Actual size, shape and location of proposed modifications;
    6. Other required information necessary to show compliance with the requirements in article III of this chapter;
  
5. This application will be reviewed for sufficiency within thirty (30) days and written notification will follow. Any insufficient items will result in notification and the application due date will be extended to afford the opportunity to submit sufficient information.



6. This application and all supporting documentation offered for review are true and bona fide copies. All information contained herein is correct to the best of my knowledge.

  
\_\_\_\_\_  
Signature of Applicant

STATE OF FLORIDA  
COUNTY OF HERNANDO

The foregoing instrument was acknowledged before me this 13<sup>th</sup> day of August, 2019, by James S. Bassett, Personally Known X OR Produced Identification \_\_\_\_\_ Type of Identification Produced \_\_\_\_\_



LAURA MALDRIDGE  
Commission # GG 222870  
Expires June 3, 2022  
Bonded Three Budget Notary Services

  
\_\_\_\_\_  
(Signature of Notary Public)

Laura M. Aldridge  
\_\_\_\_\_  
(Print, Type, or Stamp Commissioned  
Name of Notary Public)

**HERNANDO COUNTY DEVELOPMENT DEPARTMENT**  
**789 Providence Blvd.**  
**Brooksville, FL 34601-2893**

**Mining Operation Plan Approval (MOPA) Modification Application**

Date August 2, 2019

This application, with all exhibits attached, must be completed and filed with this office and approved as sufficient prior to staff notification as required in Section 19-32 of the Hernando County Ordinance 93-13.

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    2. Property lines and ownership, using bearings and distances where available;
    3. Existing natural and manmade features, including streets, utility lines, and other physical features;
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6. This application and all supporting documentation offered for review are true and bona fide copies. All information contained herein is correct to the best of my knowledge.

  
\_\_\_\_\_  
Signature of Applicant

STATE OF FLORIDA  
COUNTY OF HERNANDO

The foregoing instrument was acknowledged before me this 13<sup>th</sup> day of August, 2019, by James S. Bassett, Personally Known X OR Produced Identification \_\_\_\_\_ Type of Identification Produced \_\_\_\_\_



LAURA MALDRIDGE  
Commission # GG 222870  
Expires June 3, 2022  
Bonded Three Budget Notary Services

  
\_\_\_\_\_  
(Signature of Notary Public)

Laura M. Aldridge  
\_\_\_\_\_  
(Print, Type, or Stamp Commissioned Name of Notary Public)



September 6, 2019

Ms. Kandice McCorkel  
Hernando County  
Engineering Department  
1525 E Jefferson St.  
Brooksville, FL 34601

**Subject: 2019 MOPA Modification Engineering Department RAI Response  
Hernando County MAMPA No. M-15-3  
West Florida Aggregates – Ridge Manor Mine  
Hernando County, Florida  
E Sciences Project No. 1-2044-001**

Dear Ms. McCorkel:

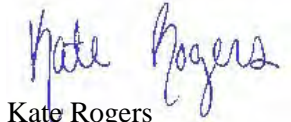
On behalf of West Florida Aggregates (WFA), E Sciences, Incorporated (E Sciences) is pleased to provide responses to the Hernando County – Engineering Planning Department Application Review Comments letter dated August 27, 2019 (**Attachment 1**) for the Mining Operation Plan Approval (MOPA) Modification Application submitted on August 9, 2019. Our responses to the County's comments (in italics) are provided below:

**Comment 1:** *There is a drainage system area of concern on the westerly edge of the mine area. A map extracted showing the location of this system will be sent by separate email. The intent of providing this information is to bring this to the attention of the mine management to ensure that the existing drainage system is maintained, and that no future actions compromise the drainage through the mine area.*

**Response:** Comment noted. The drainage system of concern shown on the figure (**Attachment 1**) provided by Hernando County is in an area that is not proposed to be mined and therefore future mining activities for the proposed southwest expansion area will not compromise the existing drainage system.

E Sciences sincerely appreciates your assistance in this matter. If you have any questions or require additional information, please feel free to contact the undersigned at (407) 481-9006.

Sincerely,  
**E SCIENCES, INCORPORATED**



Kate Rogers  
Project Scientist



James S. Bassett, P.E.  
Principal Engineer

CC: Mr. Brandell Campbell, Mine Manager, West Florida Aggregates

Attachments:

Attachment 1 – Hernando County Application Review Comments Letter and Drainage Figure

# **ATTACHMENT**

# Board of County Commissioners

Hernando County, Florida

Visit Us on the Internet: [www.co.hernando.fl.us](http://www.co.hernando.fl.us)



Development Services	352-754-4050	Health Department	352-540-6800
Engineering	352-754-4062	H. C. Utilities	352-754-4757
Hernando Co. Fire:	352-540-6405	Planning	352-754-4057
City of Brooksville Utiliti	352-540-3810		

**Date:** 08/27/2019

**Application:** 1380527 WEST FLA AGGREGATES-MOPA MODIFICATION

**Department:** ENGINEERING

## APPLICATION REVIEW COMMENTS

### APPLICATION REVIEW COMMENTS

Your application has been distributed to the following reviewing agencies for compliance with development codes and regulations: ENGINEERING, PLANNING DEPARTMENT, ZONING DEPT

You will receive separate notification of each agency's comments. Please be sure you have received all comments from all agencies before you resubmit. Please contact the reviewer listed below for questions on their review.

To facilitate completion of the review and issuance of your permit, please provide:

- (1) A written response letter addressing each comment
- (2) Revised plans addressing any necessary changes.
- (3) Any additional documentation as requested in review comments

Comments of the most current plan review are listed below.

---

**Review Agency:** ENGINEERING

**Reviewed By:** MCCORKEL KANDICE  
KMCCORKEL@CO.HERNANDO.FL.US

**Phone #:** (352) 754-4060 Ext: 17030

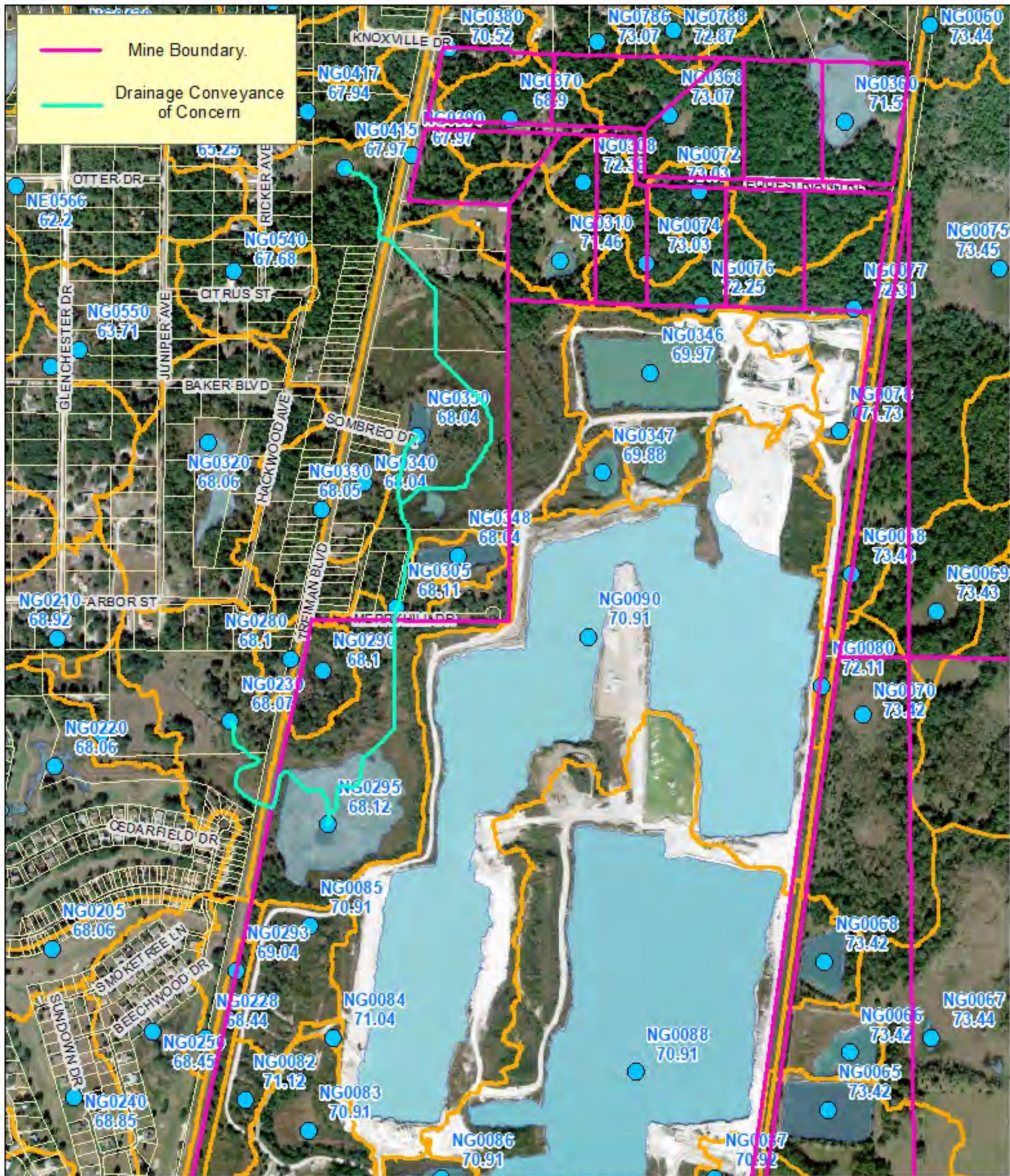
**Fax #:** (000) 000-0000

### Comments:

Reported on: 08/27/2019

There is a drainage system area of concern on the westerly edge of the mine area. A map extract showing the location of this system will be sent by separate email. The intent of providing this information is to bring this to the attention of the mine management to ensure that the existing drainage system is maintained, and that no future actions compromise the drainage through the mine area.

---



**West Florida Aggregates, 2019 MOPA Area of drainage concern.**

Hernando County is aware of a drainage system on the westerly edge of the mine property that is essential to the drainage of the Whispering Oaks Community. A portion of this system is within the old Redden Prairie area. The northerly end of this system may drain into the old drainage ditch which crosses from the mine towards Treiman Blvd. (U.S. 301). Assistance to keep these systems open would be appreciated.

Scale - As shown  
 Mapped By - Parsons  
 Map Date - 1/20/2019

Hernando County Geographic Information System (GIS)  
 Standard Legal Disclaimer

"The information in this database or as represented upon a digital or hard copy thereof is compiled and/or generated for internal County purposes, is not necessarily official, and may or may not reflect the most recent changes. Accordingly, use of the information is at the user's own risk, and Hernando County hereby disclaims any liability for claims, damages, injury, or loss of any kind based upon use of, or reliance upon, the information therein for any purpose whatsoever."





September 6, 2019

Ms. Dawn Velsor  
Hernando County  
Environmental Planning Department  
20 N Main St. #262  
Brooksville, FL 34601

**Subject: 2019 MOPA Modification  
Hernando County Planning Department Response to Comments  
Hernando County MAMPA No. M-15-3  
West Florida Aggregates – Ridge Manor Mine  
Hernando County, Florida  
E Sciences Project No. 1-2044-001**

Dear Ms. Velsor:

On behalf of West Florida Aggregates (WFA), E Sciences, Incorporated (E Sciences) is pleased to provide responses to the Hernando County – Environmental Planning Department Application Review Comments letter dated August 27, 2019 (**Attachment 1**) for the Mining Operation Plan Approval (MOPA) Modification Application submitted on August 9, 2019. Our responses to the County's comments (in italics) are provided below:

**Comment 1:** *Reclamation: Using standards within Chapter 19, sec 19-72 (Hernando County Code), a conceptual reclamation plan using same scale/size of previously required drawings is to be supplied with the MOPA for these expansion areas if they were not included in the previous MOPA.*

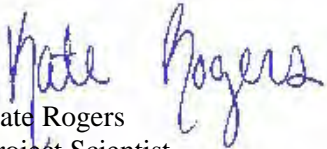
**Response:** Please refer to **Figure 6 in Attachment 2** for the conceptual reclamation plan for the proposed southwest expansion mining area. Figure 16B Cross Section: Littoral Shelf dated February 6, 2014 approved by the Florida Department of Environmental Protection (FDEP) in the Environmental Resource Permit (ERP) dated May 2, 2014 and submitted a part of the previous MOPA Application approved by Hernando county on March 28, 2016 remains applicable for the proposed southwest expansion mining area.

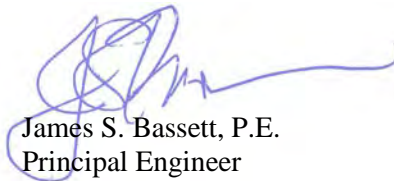
**Comment 2:** *Listed Species: Please provide wildlife survey information and any FWC permits, prior to mining activities, stockpile areas, or berm construction areas that have not been previously cleared or mined, or areas with habitat that haven't been mined for an extended period.*

**Response:** Comment noted. Wildlife survey information and any associated FWC permits will be forwarded to the County prior to commencement of mining activities, stockpile areas, or berm construction areas that have not been previously cleared or mined, or areas with habitat that haven't been mined for an extended period.

E Sciences sincerely appreciates your assistance in this matter. If you have any questions or require additional information, please feel free to contact the undersigned at (407) 481-9006.

Sincerely,  
**E SCIENCES, INCORPORATED**

  
Kate Rogers  
Project Scientist

  
James S. Bassett, P.E.  
Principal Engineer

CC: Mr. Brandell Campbell, Mine Manager, West Florida Aggregates

Attachments:

Attachment 1 – Hernando County Application Review Comments Letter

Attachment 2 – Figure 6

# **ATTACHMENT 1**

# Board of County Commissioners

Hernando County, Florida

Visit Us on the Internet: [www.co.hernando.fl.us](http://www.co.hernando.fl.us)



Development Services	352-754-4050	Health Department	352-540-6800
Engineering	352-754-4062	H. C. Utilities	352-754-4757
Hernando Co. Fire:	352-540-6405	Planning	352-754-4057
City of Brooksville Utiliti	352-540-3810		

**Date:** 08/27/2019

**Application:** 1380527 WEST FLA AGGREGATES-MOPA MODIFICATION

**Department:** PLANNING DEPARTMENT

## APPLICATION REVIEW COMMENTS

### APPLICATION REVIEW COMMENTS

Your application has been distributed to the following reviewing agencies for compliance with development codes and regulations: ENGINEERING, PLANNING DEPARTMENT, ZONING DEPT

You will receive separate notification of each agency's comments. Please be sure you have received all comments from all agencies before you resubmit. Please contact the reviewer listed below for questions on their review.

To facilitate completion of the review and issuance of your permit, please provide:

- (1) A written response letter addressing each comment
- (2) Revised plans addressing any necessary changes.
- (3) Any additional documentation as requested in review comments

Comments of the most current plan review are listed below.

---

**Review Agency:** PLANNING CONCURRENCY

**Reviewed By:** MILLER MICHELLE L  
MLMILLER@CO.HERNANDO.FL.US

**Phone #:** (352) 754-4057 Ext: 28027

**Fax #:** (352) 754-4420

**Comments:**

Reported on: 08/26/2019

08/25/2019 Review: No comments. MOPA amendment does not propose mining in areas covered by the Comprehensive Plan Amendment.

---

**Review Agency:** ENVIRONMENTAL PLANNING

**Reviewed By:** VELSOR DAWN (PLANNING)  
DAWNV@CO.HERNANDO.FL.US

**Phone #:** (352) 754-4057 Ext: 28019

**Fax #:** (352) 754-4420

**Comments:**

Reported on: 08/27/2019

8/27/19 West Florida Aggregates MOPA Comments:  
Reclamation: Using standards within Chapter 19, sec 19-72 (Hernando County Code), a conceptual reclamation plan using same scale/size of previously required drawings is to be supplied with the MOPA for these expansion areas if they were not included in the previous MOPA.

Listed Species:

Please provide wildlife survey information and any FWC permits, prior to mining activities, stockpile areas, or berm construction areas that have not been previously cleared or mined, or areas with habitat that haven't been mined for an extended period.

---

## **Attachment 2**

Year 1	2016 - 2017
Year 2	2017 - 2018
Year 3	2018 - 2019
Year 4	2019 - 2020
Year 5	2020 - 2021



Background Source: BING

Legend	
	Mine Property
	18ft Littoral Zone
	Major Access Road
	Active Mining
	Proposed Mining
	Areas of Limerock Mining
	Avoided Upland/Wetland
	Fixed Processing Areas
	Setback*

\*The setback is based on the Hernando County Code Chapter 19, Section 19-51(a). The setback is 500 feet from residential areas, 300 feet from commercial areas, and 100 feet from utilities and roadways.





September 6, 2019

Ms. Terri Stokes  
Hernando County  
Commercial Zoning Department  
789 Providence Blvd.  
Brooksville, FL 34601

**Subject: 2019 MOPA Modification  
Hernando County Zoning Department Response to Comments  
Hernando County MAMPA No. M-15-3  
West Florida Aggregates – Ridge Manor Mine  
Hernando County, Florida  
E Sciences Project No. 1-2044-001**

Dear Ms. Stokes:

On behalf of West Florida Aggregates (WFA), E Sciences, Incorporated (E Sciences) is pleased to provide responses to the Hernando County – Zoning Department Application Review Comments letter dated August 27, 2019 (**Attachment 1**) for the Mining Operation Plan Approval (MOPA) Modification Application submitted on August 9, 2019. Our responses to the County's comments (in italics) are provided below:

**Comment 1:** *On MOPA Modification Map Figure 1, include the setback distances in the legend key and include any berms.*

**Response:** **Figure 1** provided in **Attachment 2** has been revised accordingly to include the setback distances in the legend and includes berms.

**Comment 2:** *Identify any new blasting areas with distances shown to existing residential structures within 500 feet.*

**Response:** New blasting areas are proposed for the mine pits located within the southwest expansion area. **Figure 3A** included in **Attachment 2** depicts the 500-foot blasting setback for residential areas.

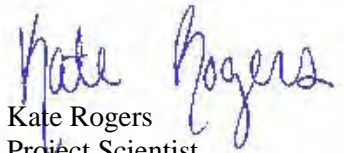
**Comment 3:** *Confirm if reclamation plan for modification area is the same as previously provided under current MOPA. Any changes would require an updated plan.*

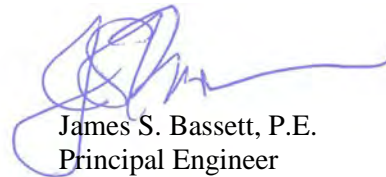


**Response:** Please refer to **Figure 6 in Attachment 2** for the conceptual reclamation plan for the proposed southwest expansion mining area. Figure 16B Cross Section: Littoral Shelf dated February 6, 2014 approved by the Florida Department of Environmental Protection (FDEP) in the Environmental Resource Permit (ERP) dated May 2, 2014 and submitted a part of the previous MOPA Application approved by Hernando county on March 28, 2016 remains applicable for the proposed southwest expansion mining area.

E Sciences sincerely appreciates your assistance in this matter. If you have any questions or require additional information, please feel free to contact the undersigned at (407) 481-9006.

Sincerely,  
**E SCIENCES, INCORPORATED**

  
Kate Rogers  
Project Scientist

  
James S. Bassett, P.E.  
Principal Engineer

CC: Mr. Brandell Campbell, Mine Manager, West Florida Aggregates

Attachments:  
Attachment 1 – Hernando County Application Review Comments Letter  
Attachment 2 – Figures

# **ATTACHMENT 1**

# Board of County Commissioners

Hernando County, Florida

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Development Services	352-754-4050	Health Department	352-540-6800
Engineering	352-754-4062	H. C. Utilities	352-754-4757
Hernando Co. Fire:	352-540-6405	Planning	352-754-4057
City of Brooksville Utiliti	352-540-3810		

**Date:** 08/27/2019

**Application:** 1380527 WEST FLA AGGREGATES-MOPA MODIFICATION

**Department:** ZONING DEPT

## APPLICATION REVIEW COMMENTS

### APPLICATION REVIEW COMMENTS

Your application has been distributed to the following reviewing agencies for compliance with development codes and regulations: ENGINEERING, PLANNING DEPARTMENT, ZONING DEPT

You will receive separate notification of each agency's comments. Please be sure you have received all comments from all agencies before you resubmit. Please contact the reviewer listed below for questions on their review.

To facilitate completion of the review and issuance of your permit, please provide:

- (1) A written response letter addressing each comment
- (2) Revised plans addressing any necessary changes.
- (3) Any additional documentation as requested in review comments

Comments of the most current plan review are listed below.

**Review Agency:** COMMERCIAL ZONING

**Reviewed By:** STOKES TERRI  
TSTOKES@CO.HERNANDO.FL.US

**Phone #:** (352) 754-4050 Ext: 29107

**Fax #:** (352) 754-4416

### Comments:

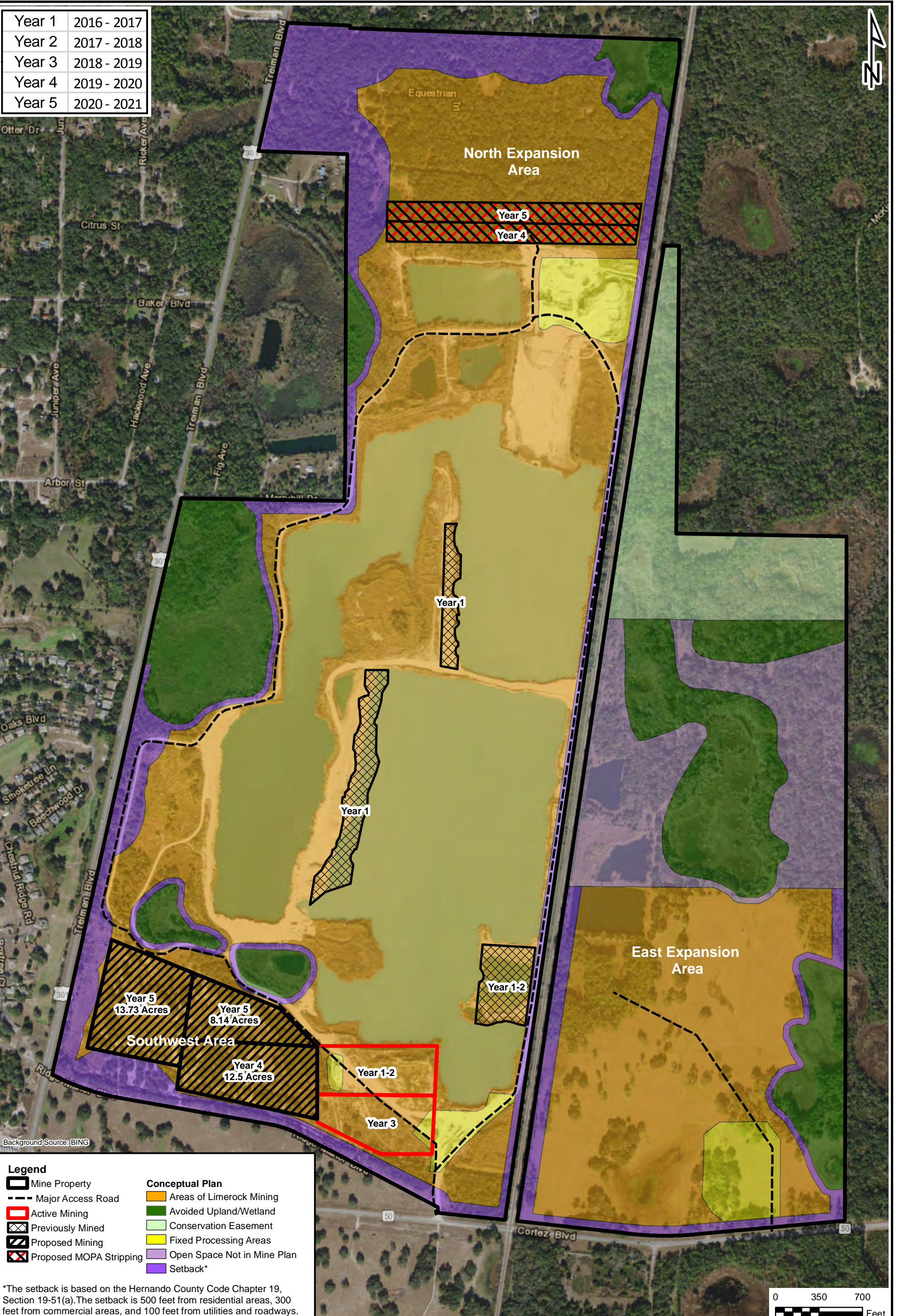
Reported on: 08/27/2019

#### ZONING COMMENTS:

1. ON MOPA MODIFICATION MAP FIGURE 1, INCLUDE THE SETBACK DISTANCES IN THE LEGEND KEY AND INCLUDE ANY BERMS.
2. IDENTIFY ANY NEW BLASTING AREAS WITH DISTANCES SHOWN TO EXISTING RESIDENTIAL STRUCTURES WITHIN 500 FEET.
3. CONFIRM IF RECLAMATION PLAN FOR MODIFICATION AREA IS THE SAME AS PREVIOUSLY PROVIDED UNDER CURRENT MOPA. ANY CHANGES WOULD REQUIRE AN UPDATED PLAN.

## **Attachment 2**

Year 1	2016 - 2017
Year 2	2017 - 2018
Year 3	2018 - 2019
Year 4	2019 - 2020
Year 5	2020 - 2021



Background Source: BING

Legend		Conceptual Plan	
	Mine Property		Areas of Limerock Mining
	Major Access Road		Avoided Upland/Wetland
	Active Mining		Conservation Easement
	Previously Mined		Fixed Processing Areas
	Proposed Mining		Open Space Not in Mine Plan
	Proposed MOPA Stripping		Setback*

\*The setback is based on the Hernando County Code Chapter 19, Section 19-51(a). The setback is 500 feet from residential areas, 300 feet from commercial areas, and 100 feet from utilities and roadways.

E Sciences, Incorporated  
 FL Engineering Lic. #8691  
 34 East Pine Street  
 Orlando, Florida, 32801  
 www.esciencesinc.com  
 Phone: 407-481-9006  
 Fax: 407-481-9627

DRAWN BY: LG	CHECKED BY: KR	PROJECT NUMBER: 1-2044-001
--------------	----------------	----------------------------

## West Florida Aggregates Mine Site

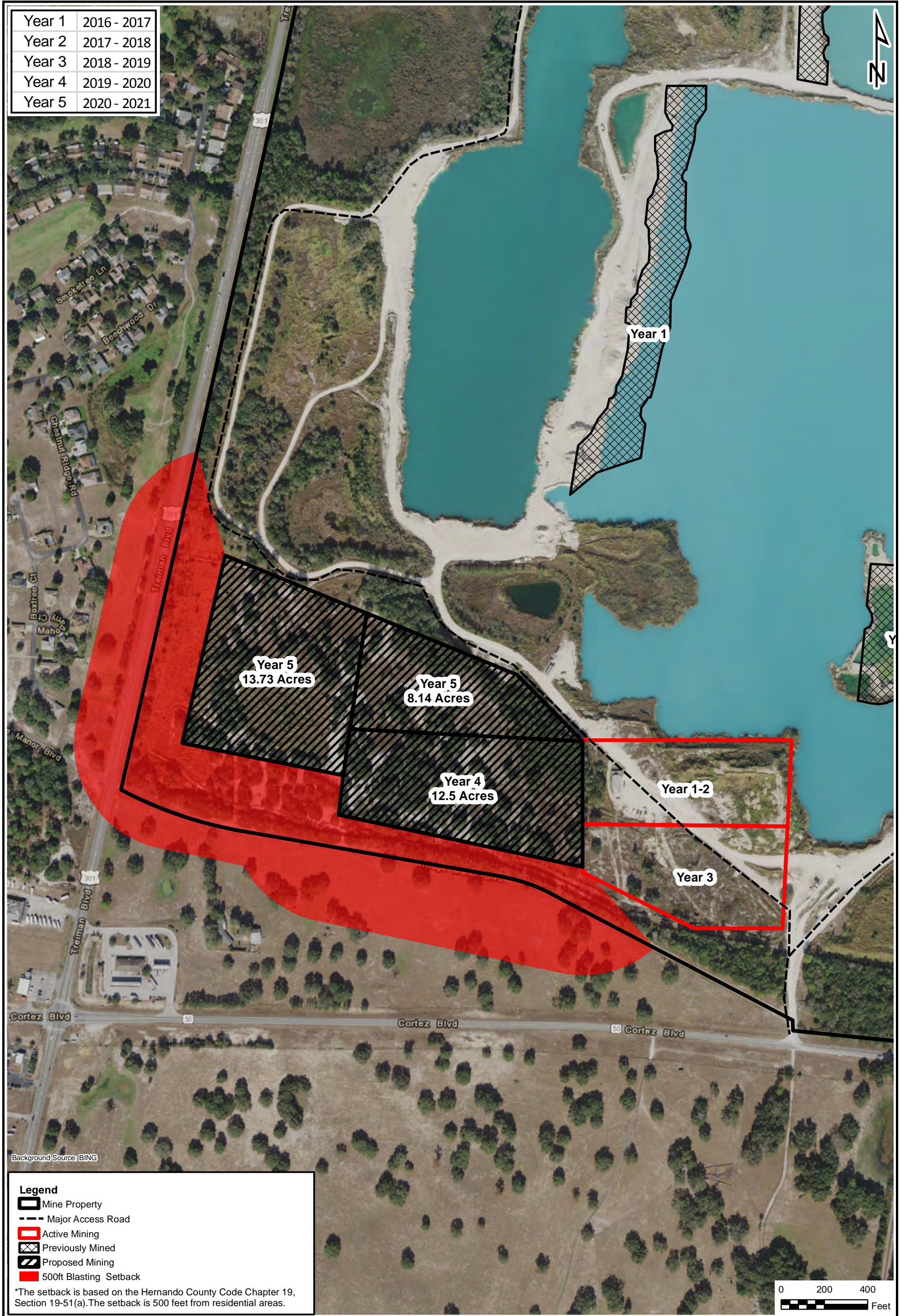
Ridge Manor  
Hernando County, Florida

2019 MOPA Modification

SCALE: 1"=700'      DATE: 9/6/2019

FIGURE  
**1**

Year 1	2016 - 2017
Year 2	2017 - 2018
Year 3	2018 - 2019
Year 4	2019 - 2020
Year 5	2020 - 2021

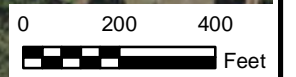


Background Source: BING

**Legend**

- Mine Property
- Major Access Road
- Active Mining
- Previously Mined
- Proposed Mining
- 500ft Blasting Setback

\*The setback is based on the Hernando County Code Chapter 19, Section 19-51(a). The setback is 500 feet from residential areas.



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**West Florida Aggregates  
 Mine Site**  
 Ridge Manor  
 Hernando County, Florida

The Blasting Setback  
 2019 MOPA  
 Modification

SCALE: 1"=400'    DATE: 9/6/2019

FIGURE  
**3A**

DRAWN BY: LG    CHECKED BY: KR    PROJECT NUMBER: 1-2044-001

Year 1	2016 - 2017
Year 2	2017 - 2018
Year 3	2018 - 2019
Year 4	2019 - 2020
Year 5	2020 - 2021



Background Source: BING

Legend	
Mine Property	Areas of Limerock Mining
18ft Littoral Zone	Avoided Upland/Wetland
Major Access Road	Fixed Processing Areas
Active Mining	Setback*
Proposed Mining	

\*The setback is based on the Hernando County Code Chapter 19, Section 19-51(a). The setback is 500 feet from residential areas, 300 feet from commercial areas, and 100 feet from utilities and roadways.





October 4, 2019

Ms. Terri Stokes  
Hernando County  
Commercial Zoning Department  
789 Providence Blvd.  
Brooksville, FL 34601

**Subject: 2019 MOPA Modification  
Hernando County Zoning Department 2<sup>nd</sup> Response to Comments  
Hernando County MAMPA No. M-15-3  
West Florida Aggregates – Ridge Manor Mine  
Hernando County, Florida  
E Sciences Project No. 1-2044-001**

Dear Ms. Stokes:

On behalf of West Florida Aggregates (WFA), E Sciences, Incorporated (E Sciences) is pleased to provide responses to the Hernando County – Zoning Department Application 2<sup>nd</sup> Review Comments letter dated October 1, 2019 (**Attachment 1**) for the Mining Operation Plan Approval (MOPA) Modification Application submitted on August 9, 2019. Our responses to the County's comment (in italics) are provided below:

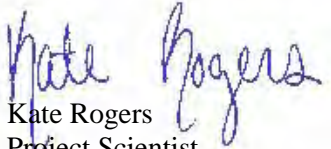
**Comment 1:** *For clarification on Figure 1 of MOPA modification Plan, depict and label each setback line showing compliance with the distances required from commercial, residential, utilities & roadways areas as identified in legend. Also, include a color code to legend representing the required 100' wide buffer along perimeter of property and delineate on plan. Note that it will remain undisturbed.*

**Response:** **Figure 1, Figure 1A, and Figure 1B** provided in **Attachment 2** have been revised accordingly to include the buffer distance and setback distances within the map and legend.

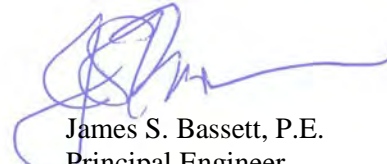


E Sciences sincerely appreciates your assistance in this matter. If you have any questions or require additional information, please feel free to contact the undersigned at (407) 481-9006.

Sincerely,  
**E SCIENCES, INCORPORATED**



Kate Rogers  
Project Scientist



James S. Bassett, P.E.  
Principal Engineer

CC: Mr. Brandell Campbell, Mine Manager, West Florida Aggregates

Attachments:

Attachment 1 – Hernando County Application Review Comments Letter

Attachment 2 – Figures

# **ATTACHMENT 1**

# Board of County Commissioners

Hernando County, Florida

Visit Us on the Internet: [www.co.hernando.fl.us](http://www.co.hernando.fl.us)

Development Services	352-754-4050	Health Department	352-540-6800
Engineering	352-754-4062	H. C. Utilities	352-754-4757
Hernando Co. Fire:	352-540-6405	Planning	352-754-4057
City of Brooksville Utiliti	352-540-3810		



**Date:** 10/01/2019

**Application:** 1380527 WEST FLA AGGREGATES-MOPA MODIFICATION

**Department:** ZONING DEPT

## APPLICATION REVIEW COMMENTS

### APPLICATION REVIEW COMMENTS

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You will receive separate notification of each agency's comments. Please be sure you have received all comments from all agencies before you resubmit. Please contact the reviewer listed below for questions on their review.

To facilitate completion of the review and issuance of your permit, please provide:

- (1) A written response letter addressing each comment
- (2) Revised plans addressing any necessary changes.
- (3) Any additional documentation as requested in review comments

Comments of the most current plan review are listed below.

**Review Agency:** COMMERCIAL ZONING

**Reviewed By:** STOKES TERRI  
TSTOKES@CO.HERNANDO.FL.US

**Phone #:** (352) 754-4050 Ext: 29107

**Fax #:** (352) 754-4416

### Comments:

Reported on: 09/30/2019 \*\*PRINTED\*\*

2ND REVIEW DONE 9/30/19

#### ZONING COMMENTS:

1. FOR CLARIFICATION ON FIGURE 1 OF MOPA MODIFICATION PLAN, SHOW AND LABEL EACH SETBACK LINE MATCHING THE DISTANCES REQUIRED FROM COMMERCIAL, RESIDENTIAL, UTILITY & ROADWAYS AREAS AS IDENTIFIED IN LEGEND. ALSO, WITHIN LEGEND, INCLUDE LABEL FOR THE REQUIRED 100' WIDE BUFFER AT 80 % OPACITY ALONG THE SOUTH & WEST MINING BOUNDARIES AND DELINEATE ON PLAN. DISTANCE FROM DELINEATE & LABEL THE INDIVIDUAL SETBACK LINES WITH DISTANCES FOR COMMERCIAL, RESIDENTIAL, UTILITY AND ROADWAY AREA SETBACKS. WITHIN THE COLORED AREA LABELED SETBACKS, DELINEATE EACH OF THE DISTANCES REQUIRED FROM COMMERCIAL, RESIDENTIAL AND UTILITY/ROADWAYS REQUIRED SETBACK LINES AND DISTANCES

Reported on: 10/01/2019

REVISED 2ND REVIEW ZONING COMMENTS

1. FOR CLARIFICATION ON FIGURE 1 OF MOPA MODIFICATION PLAN, DEPICT AND

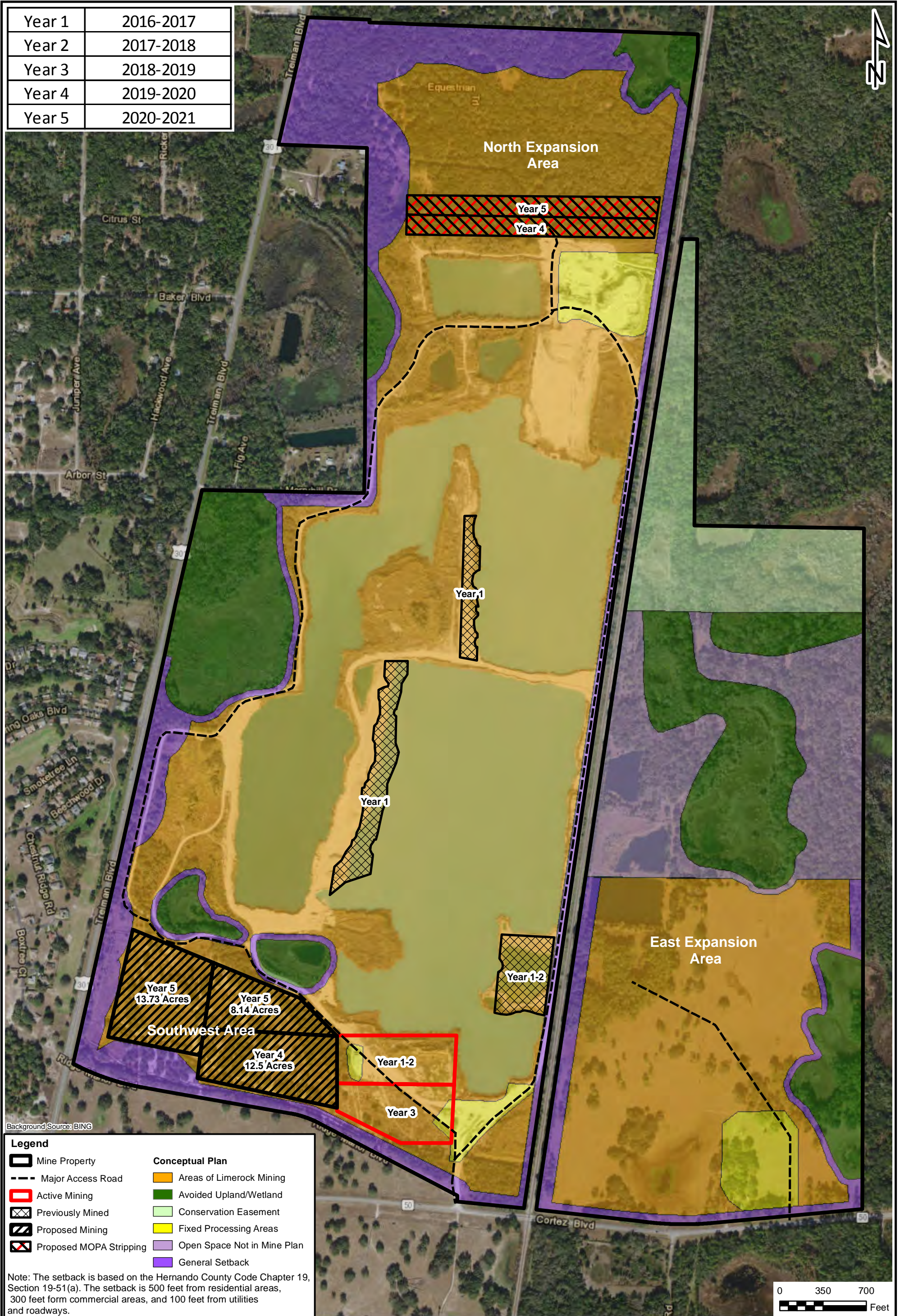
LABEL EACH SETBACK LINE SHOWING COMPLIANCE WITH THE DISTANCES REQUIRED FROM COMMERCIAL, RESIDENTIAL, UTILITIES & ROADWAY AREAS AS IDENTIFIED IN LEGEND.

ALSO, INCLUDE A COLOR CODE TO LEGEND REPRESENTING THE REQUIRED 100' WIDE BUFFER ALONG PERIMETER OF PROPERTY AND DELINEATE ON PLAN. NOTE THAT IT WILL REMAIN UNDISTURBED.

---

# **Attachment 2**

Year 1	2016-2017
Year 2	2017-2018
Year 3	2018-2019
Year 4	2019-2020
Year 5	2020-2021



Background Source: BING

Legend	
	Mine Property
	Major Access Road
	Active Mining
	Previously Mined
	Proposed Mining
	Proposed MOPA Stripping
	Areas of Limerock Mining
	Avoided Upland/Wetland
	Conservation Easement
	Fixed Processing Areas
	Open Space Not in Mine Plan
	General Setback

Note: The setback is based on the Hernando County Code Chapter 19, Section 19-51 (a). The setback is 500 feet from residential areas, 300 feet from commercial areas, and 100 feet from utilities and roadways.

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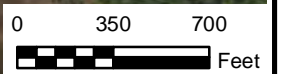
**West Florida Aggregates  
 Mine Site**  
 Ridge Manor  
 Hernando County, Florida

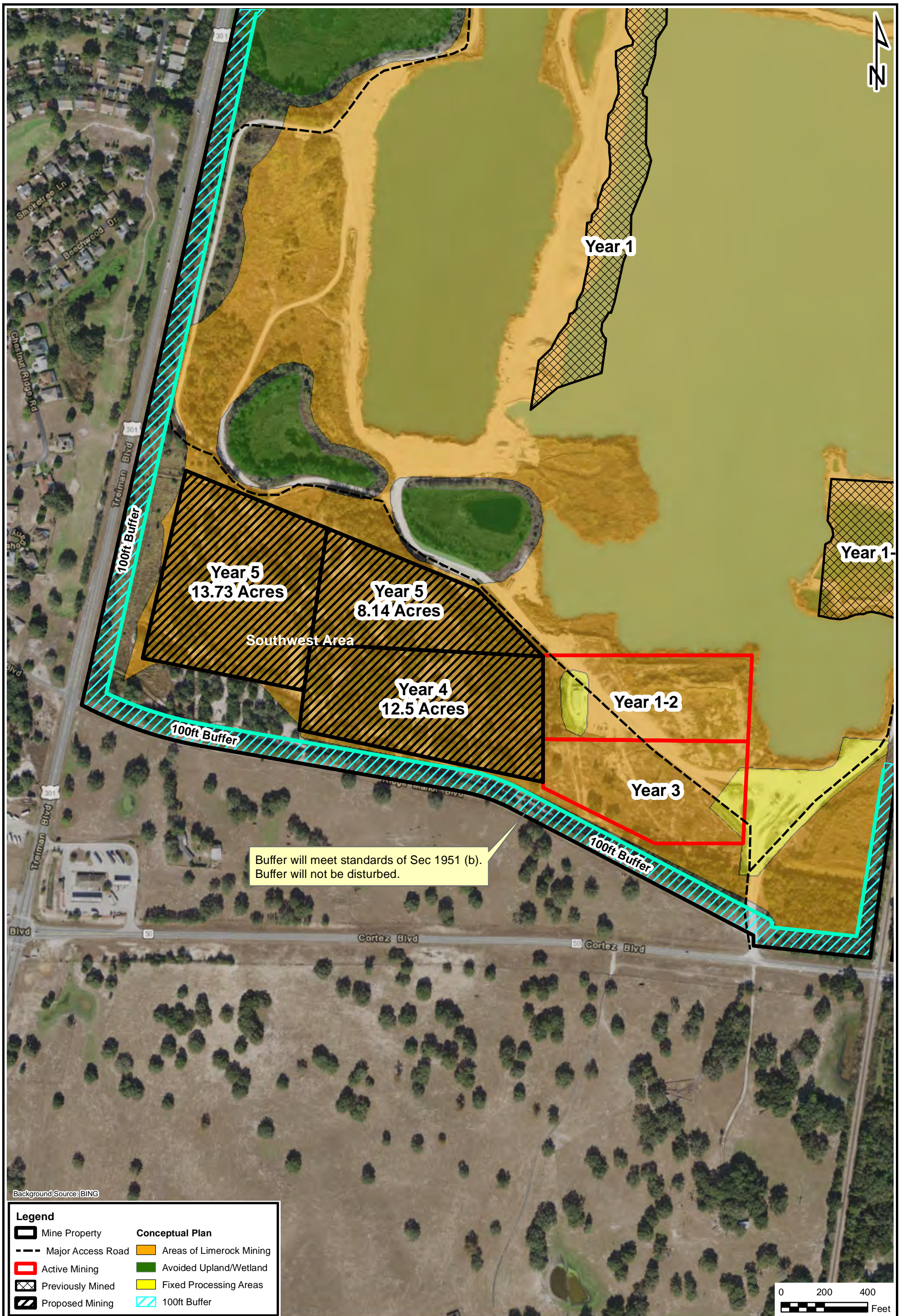
2019  
 Mining  
 Operation Plan (MOPA)  
 Modification

FIGURE  
**1**

DRAWN BY: LG	CHECKED BY: RM	PROJECT NUMBER: 1-2044-001
--------------	----------------	----------------------------

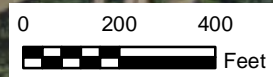
SCALE: 1"=700'	DATE: 10/4/2019
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Background Source: BING

Legend	
	Mine Property
	Major Access Road
	Active Mining
	Previously Mined
	Proposed Mining
	Conceptual Plan Areas of Limerock Mining
	Avoided Upland/Wetland
	Fixed Processing Areas
	100ft Buffer



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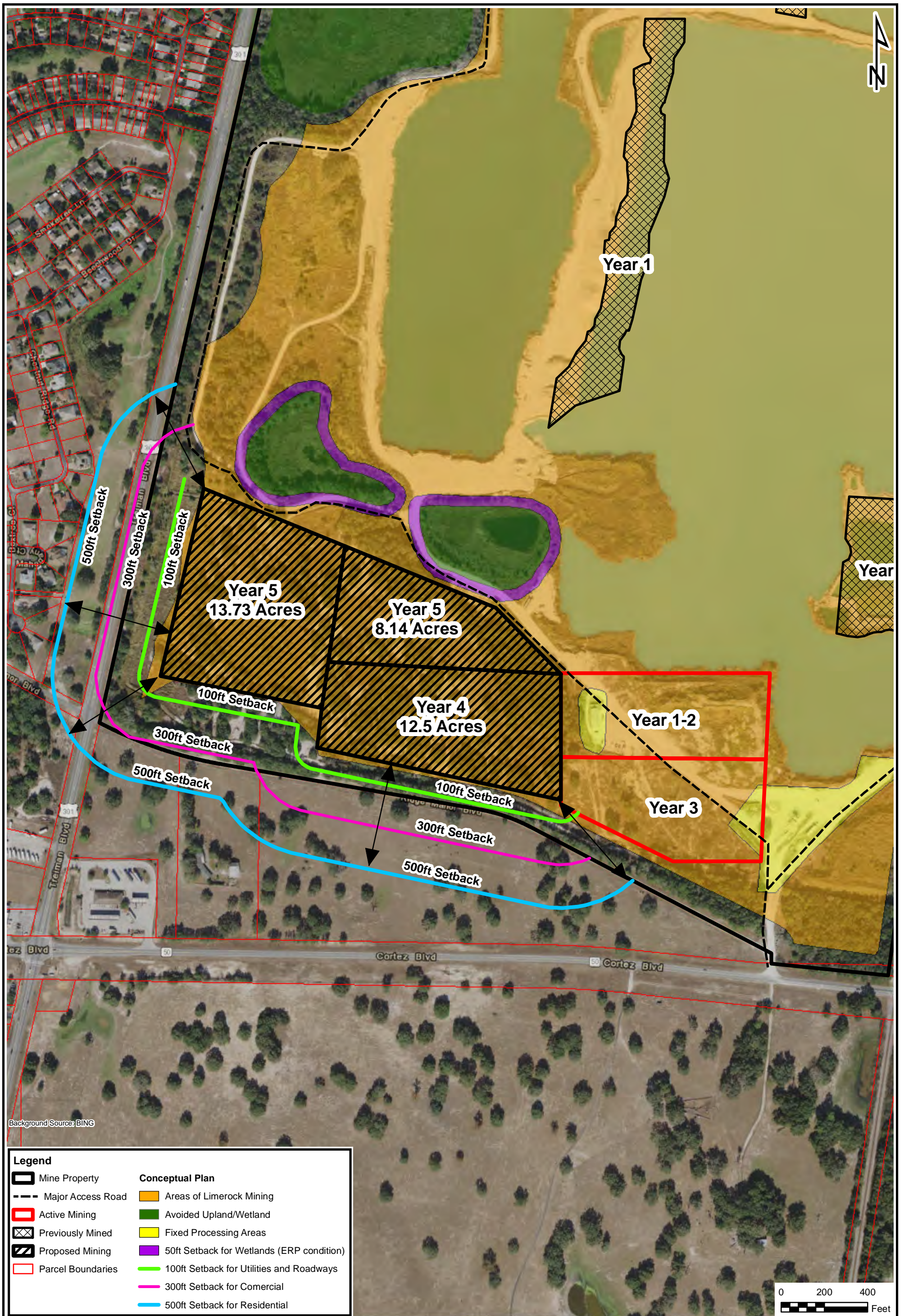
**West Florida Aggregates  
 Mine Site**  
 Ridge Manor  
 Hernando County, Florida

2019 MOPA Modification  
 100ft Buffer

FIGURE  
**1A**

DRAWN BY: LG  
 CHECKED BY: KR  
 PROJECT NUMBER: 1-2044-001

SCALE: 1"=400'  
 DATE: 10/4/2019



Background Source: BING

Legend	
Mine Property	<b>Conceptual Plan</b>
Major Access Road	Areas of Limerock Mining
Active Mining	Avoided Upland/Wetland
Previously Mined	Fixed Processing Areas
Proposed Mining	50ft Setback for Wetlands (ERP condition)
Parcel Boundaries	100ft Setback for Utilities and Roadways
	300ft Setback for Commercial
	500ft Setback for Residential

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### West Florida Aggregates Mine Site

Ridge Manor  
 Hernando County, Florida

2019 MOPA  
 Modification Setbacks

SCALE: 1"=400' DATE: 10/4/2019

FIGURE

# 1B

DRAWN BY: LG CHECKED BY: RM PROJECT NUMBER: 1-2044-001