PERMIT APPLICATION FOR

SOLID WASTE FACILITY

MOBILE COUNTY SOLID WASTE PLAN JURISDICTION

1.	FACILITY TYPE:	TRASH LANDFILL
		X C & D LANDFILL
		SANITARY LANDFILL
		OTHER (Explain)
2.	APPLICANT:	
	Name	TIGS Holdings, LLC
	Address	9330 Ben Hamilton Road
		Theodore, AL 36582
	Telephone	251-660-1076
	If applicant is a Co	orporation, please list:
	Officers:	Jeremy Hunt , President
	_	

	Principal S	itockholders: _	Jeremy	y Hunt lot		
	If applicant is a P	artnership, plea	ase list pri	ncipals:		
3.	CONTACT PER	<u>SON(S):</u> (if		om No. :	2)	
	Address	Jeremy Hunt 9330 Ben Hamilt		. (2)		
		Theodore, AL 3	86582			
	Telephone	251-660-1076				
4.	LANDOWNER:	(if different fro	om No. 2)			
	Name Address	same				
L	Telephone					
h copy ose.	of agreement from	ı landowner giv	ring permis	ssion to	use site f	or the inter

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5. <u>ADJACENT LANDOWNERS:</u>

 a. Submit a list of all adjacent landowners including name and current mailing address.

see attached

a. _____ Household Solid Waste

 b. Submit a map identifying the proposed disposal site and all adjacent landowners listed in (a) above. State the source of your information.

Industrial Solid Waste

6. WASTE DESCRIPTION:

	X	Other (specify)	Construction/Demolition Waste	
b.	Chemical Analysis (when required)		
C.	Describe and list al	l waste streams	s to be accepted at facility.	
	Be specific (housel	nold solid waste	, wood boiler ash, foundry	
	Waste building materials, p demolition operations on p include, but are not limited paving materials, and wood manufacturing processes the	ackaging, and rubble r avements, houses, co to, masonry materials, products. Clearing, la nat is not a hazardous	e, limbs and stumps, etc.) esulting from construction, remodeling, repair, or mmercial buildings, and other structures. Such waste, sheet rock, roofing waste, insulation, rebar, scrap meandscaping, and storm debris. Solid waste generated waste and is not classified as industrial waste. No acility without prior written approval from ADEM.	etal
d.	What is the estima	ted maximum da	aily volume of waste to be received	
	at the facility? 1500	Cubic Yards/Day	(indicate tons/day or yd³/day)	

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7.

See attached.

е.	What geographic area or specific industry will waste be accepted
	from? (be specific) Mobile County, AL
	Jackson County, MS
f.	Haulage of waste to the facility will be by whom?
	Open to the public - licensed haulers
g.	Describe the principle type of transportation vehicle to be used to transport waste: Trackhoe/Dozers
h.	Approximately 100 vehicles per day (max.) will be generated as additional traffic on the main collector road to this solid waste facility.
i.	Specify all proposed environmental monitoring systems (i.e. groundwater, explosive gas, leachate collection, liner systems). All dirt pits proposed for c&d landfills (others if required by the Environmental Director) are required to have explosive gas and ground water monitoring systems. Monitoring plans and the constituents monitored
<u>s</u>	must be approved by the Environmental Director. As this is NOT a municipal landfill receiving municipal, organic or odiferous wastes, and merely a Construction & Demolition Landfill receiving inert construction phase non-malodorous waste streams, the primary environmental monitoring device that is required is explosive gas monitoring wells as approved by ADEM. These shall be evenly spaced around the perimeter of the facility upon its construction, regularly checked during the lifespan of the landfill and shall follow ADEM rules and regulations. ITE DESCRIPTION:
a.	Attach location map with the site clearly identified. Acceptable maps include a USGS 7.5 or 15 minute series, a county highway map published by the State DOT, or approved equivalent.

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	b.	Location:
		County
		SW 1/4 of Section 7
		Township 6S Range 2W
	C.	Attach a legal property description and boundary plat of the disposal facility prepared by a land surveyor. see attached
	d.	Size of disposal facility (actual area to be utilized) 62 acres.
	e.	Total area of property (if different from d.)acres.
8.	SITIN	IG STANDARDS:
	Note:	When siting C&D landfills, preference will be given to existing dirt pits.
	a.	Is the facility located within the 100-year flood plain?
		YES NOX
		Provide a current flood insurance rate map with the site identified.
	b.	Is the facility located so as to protect surface and groundwater? YES NO
		Explain on an attached sheet.
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C.	Is a discharge to surface water proposed that may require an NPDES Permit? YES X NO Explain on an attached sheet.
d.	Is a discharge of dredged material or fill material into waters of the state proposed which may require a permit under Section 404 of the Clean Water Act? YES NOX
e.	The bottom elevation of solid waste shall be a minimum of five feet above the seasonal high groundwater table or bedrock. The minimum dept to (CIRCLE ONE: Bedrock groundwater) at this site is $\frac{0-40}{}$ feet. (Attach map showing location)
f.	Are any sink holes, ponds, springs, swamps, streams, or drainage courses located within the disposal area? YES NOX
g.	If the answer to (f) is YES, explain. Mobile County Commission or Participating Municipality

	ste Plan
l within	For any type facility, identify any airport runway locate
	10,000 feet of the site?
	none
ten (10) mile	How many landfills (or similar type facility) are within a
	radius of this proposed facility?
	Landfill: Dirt, Inc. Schillinger's Road Landfill (Pit #1) (8 miles)
	Esfeller C&D (1.5 miles)
ards for sight n approval of the ruction occurs.	Does the entrance to the facility meet current stand A commercial site plan will be executed and completed up distance? Host Community Approval application and before any cons
	Note: a commercial site plan approved by the County En
jineer's office	
jineer's office	will be required.

GENERAL	. :	:
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a.	Describe how the property boundaries will be clearly and
	permanently marked.
	White posts that are visible from one to another will be installed along all property lines so that the property line will always be obvious to the viewer.
b.	Describe and/or show your planned progression of fill from
	beginning operation through closure.
	In general, the landfill will be filled starting on the northern end of the disposal boundary and progressing southwardly to the southern disposal line to the lower level of fill. The operation will then move back to the north end and again progress to the south for the upper layer. Finally the operation will move to the middle north and progress to the south for the top layer.
c.	The life expectancy of the facility is years.
d.	How will indiscriminate dumping be prevented (gates, fencing,
	etc.)? The site will be secured by a gate that will be locked when the facility is not open.
	During operational hours, all vehicles must pass by the landfill office. Ditches & fences will prevent other access by unauthorized vehicles around the perimeter of the site.
**	see below
e.	Describe what equipment will be utilized in the disposal operation.
	Dump trucks, backhoe and dozer.
areas where a ditch might be piped, a fence we entrance will be closed and locked when the fa	e ditch(s) will be constructed around the entire facility. These ditches will prevent unauthorized vehicular traffic. In other ill be installed. Therefore, the only access to the facility will be through the gated entrance at the landfill office. This acility is not open. As part of the weekly inspection (see Weekly Work Report in the Operational Plan), all perimeters and or unauthorized dumping or entry will be noted and corrected.
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- f. Describe what personnel will be utilized in the disposal operation.

 At a minimum, the facility will have one entrance office staff member, and two equipment operators.
- g. The applicant is responsible for compliance with all other requirements identified by applicable statutes and the ADEM Administrative Code.
- h. Special requirements for existing dirt pits proposed for c&d landfills:
 - 1. Groundwater monitoring plan.
 - 2. Explosive gas monitoring plan.
 - No air space is allowed. The top elevation cannot exceed natural adjacent ground elevation.
 - 4. Final grading plan.
 - 5. Closure plan.

Not all of these items apply to simple C&D Landfills. When this application is submitted to ADEM, all state level permit compliance riders that are made a part of the final ADEM permit shall be adhered to.

- 1. Groundwater monitoring plan: Since the landfill will be a C&D Landfill and will receive no household or municipal waste streams, is not required by ADEM regulations to have groundwater monitoring thus none is being proposed herein.
 - 2. A detailed explosive gas monitoring plan is included in the attached Operational Plan.
 - 3. Closure Plan: Upon the total filling and closure of the C&D Landfill, the site will be capped with a low permeability clay layer to prevent water infiltration and topped with topsoil to promote grass growth atop it. The final layer will be hydroseeded at first to jumpstart the vegetative cover of the closed facility. A more detailed plan and post-clsoure plan is included in the attached Operational Plan.

10. Alabama Code § 22-27-48:

A legal ad publication in the Mobile Press is one of the requirements of holding a host community approval public hearing and this ad will be handled by the Approving Jurisdiction.

Additionally, Act Nos. 86-480 and 87-500, Acts of Alabama Regular Sessions 1986 and 1987 provide certain requirements for the public hearing regarding a request for host community approval of any solid waste facility in Mobile County. These two Local Acts require that at least two competent representatives of the business entity that is to serve as the primary contractor for the solid waste facility project shall be present at the public hearing.

Finally, the Approving Jurisdiction will consider your proposal and will determine whether to approve or disapprove the site based on all information provided including the following considerations set forth in <u>Alabama Code</u> § 22-27-48:

 The consistency of the proposal with the jurisdiction's solid waste management need as identified in the Mobile County Solid Waste

Management Plan;

This C&D landfill will fill a need as there are a few existing C&D landfills south of I-10. This landfill will reduce C&D disposal costs by reducing the traffic length and time to dispose of C&D waste streams and be a local, southern and convenient source of natural disaster vegetative debris disposal.

2. The relationship of the proposal to local plans or existing development or the absence thereof, to major transportation arteries and to existing state primary and secondary road;

The site has and will have easy access to U.S. Highway 90, I-10. As far as is known there are no existing or proposed plan to alter, close, relocate or modify the existing location or route of U.S. Highway 90 or I-10 through this area. An amply sufficient roadway network exists to serve this landfill. There may be plans for significant development in South Mobile County that this landfill can serve including developments along Rangeline Road and the surrounding area.

> The location of the proposed facility in relationship to existing industries in the state that generate large volumes of solid waste, or the relationship to the areas projected for development of industries that will generate

solid waste;
This facility will be available to all industries, especially industries south of I-10, that generate inert wastes that are allowed to be disposed of in a C&D landfill. While not all industrial wastes are permitted to be interred in a C&D landfill, any business sector that generates C&D acceptable wastes will be welcome to use the landfill, Additionally, the landfill will be available for use during natural disasters for the disposal of vegetative debris and other inert wastes needing disposal after a hurricane or some such natural disaster. 4.

Cost and availability of public services, facilities and improvements required to support the proposed facility and protect public health, safety and the environment:

All utilities are currently readily available. Additionally, emergency services are readily available and easily accessible at this site,

5. The impact of proposed facility on public safety and provisions made to minimize the impact on public health and safety; and

It is the intent of the owner and operator of the landfill that the landfill will be well signed with "No Trespassing" signs, and that the site will be identified as an active landfill. The intent is for there to ultimately be a gated entrance with a gate attendant who will be in charge of monitoring traffic coming and going and for security. Scavengers and scavenging at the landfill will not be allowed as is not in the best interest of the landfill owner and operator for many reasons therefore efforts will be made to eliminate this opportunity. 6. The social and economic impacts of the proposed facility on the affected

community, including changes in property values, and social or community perception.

The owner/operator of the proposed landfill intends a public campaign to educate the public about the innocuous nature of C&D Landfills since they do not receive noxious, odiferous household waste or waste streams, for example, that attract vectors. Additionally, the public will be welcome to come to the local public hearing and make comments during the public comment period at the ADEM state level. The owner has already in fact engaged in these public outreach and education actions.

The applicant is required to complete all the information and submit the package with the \$6,000.00 fee payable to the Approving Jurisdiction with a formal written request for host community approval to locate a solid waste facility within the legal boundaries of the Approving Jurisdiction.

Please be reminded that the information you submit will be the criteria used to judge the merits of approval.

The burden of satisfying the Approving Jurisdiction as to each of the above criteria falls squarely on the applicant. Failure to so satisfy the Approving Jurisdiction regarding each of these criteria may result in denial of your request for approval of the solid waste facility site.

CERTIFICATION:

l,	Jeremy Hunt	, certify under penalty of law
that	t this document and all at	tachments submitted are to the best of
my	knowledge and belief, tru	ue, accurate, and complete.

SIGNATURE (Corporate Officer, Partner, Mayor, Chairman, etc.):

President

Emerald Coast Construction/Demolition Landfill

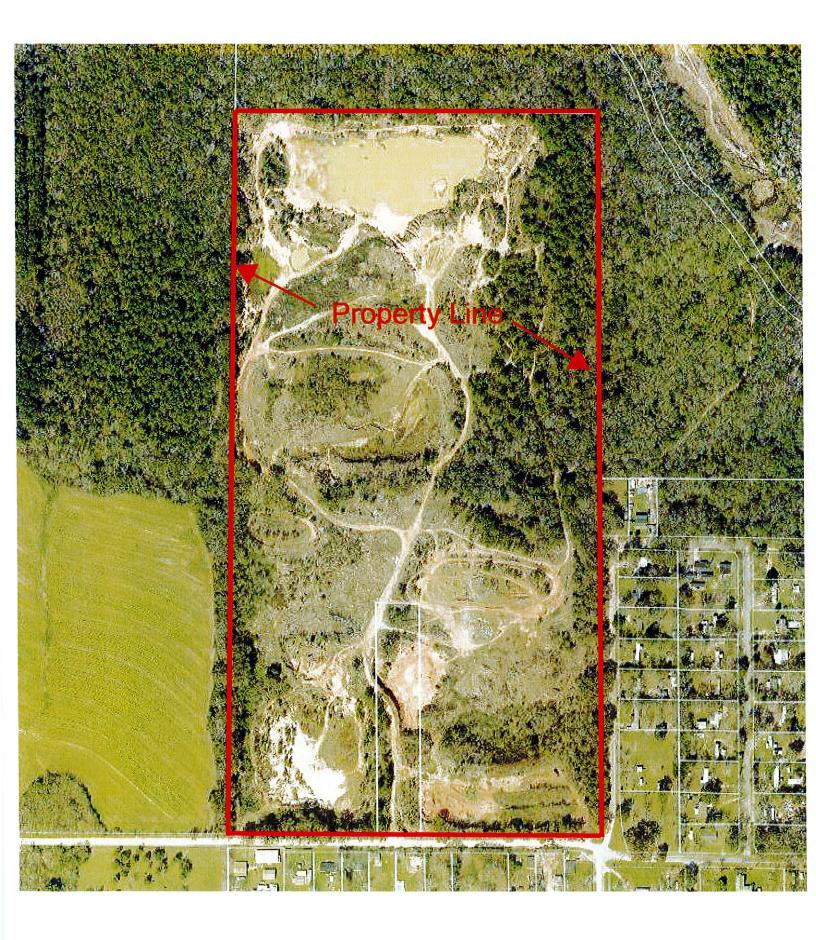
Section 8: Siting Standards

Item B:

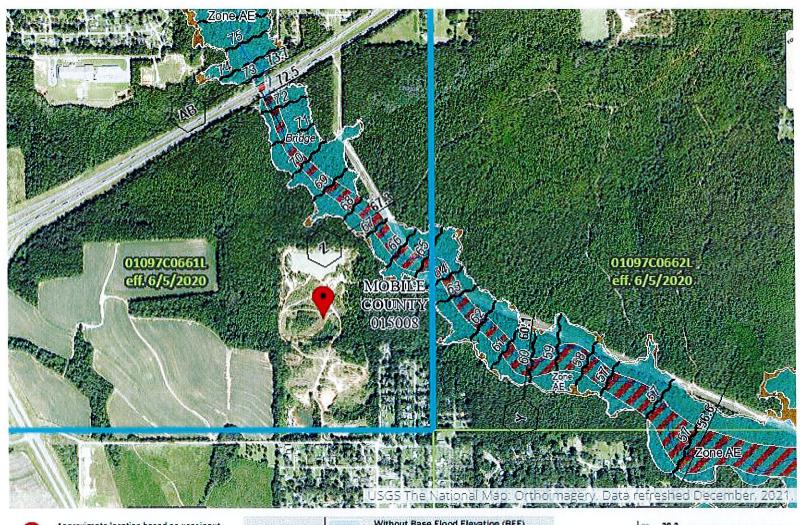
Runoff generated from the finished site will be directed to one of two proposed on-site detention ponds that will store and detain the surface runoff and discharge them across rip-rap flumes before the rainwater is discharged to the surrounding receiving streams or pre-existing natural low points. The direction of off-site discharge is not being altered from its pre-existing conditions. The detention ponds shall serve as to improve stormwater quality and the rip-rap flumes shall serve to aerate the discharge as well as attenuate the energy of the discharging flows.

Item C:

The disturbed acreage will be well over the 1 acre minimum that the Alabama Department of Environmental Management (ADEM) uses. As such a construction phase ADEM Notice of Intent (NOI) shall be applied for and obtained to cover construction phase activities. Aside from the future ADEM NPDES permit, the existing dirt pit has open State level permits that allow it to operate and function as a working dirt pit. Copies of those existing open permits are attached. The current working dirt pit is currently fully compliant with all applicable ADEM regulations and permits. There are no known endangered species on-site, no existing wetlands on the parcel.









Effective LOMRs
Area of Undetermined Flood Hazard Zone D

Otherwise Protected Area

Coastal Barrier Resource System Area

Without Base Flood Elevation (BFE)

Zond A. V. A99

With BFE or Depth

Regulatory Floodway Zond AE, AO, AH, VE, AR

0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zond X

Future Conditions 1% Annual
Chance Flood Hazard Zond X

Area with Reduced Flood Risk due to Levee. See Notes. Zond X

Area with Flood Risk due to Levee Zond D

20.2 Cross Sections with 1% As

17.5 Water Surface Elevation

(3) — — Coastal Transect
Base Flood Elevation Line
Limit of Study
Jurisdiction Boundary
— Coastal Transect Baseline
Profile Baseline
Hydrographic Feature

GENERAL
STRUCTURES

Cross Sections with 1% As
Water Surface Elevation
(3) — — Coastal Transect
Himit of Study
— United Baseline
Hydrographic Feature

Channel, Culvert, or Storm
Levee, Dike, or Floodwall