# ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM) NOTICE OF INTENT - NPDES GENERAL PERMIT NUMBER ALG850000

Instructions: This form should be used to submit a Notice of Intent for coverage under NPDES General Permit Number ALG850000, which is the general permit authorizing discharges from the mining and processing (wet or dry) of construction sand and gravel, chert, dirt, and/or red clay, and areas associated with these activities. Please complete all questions. Respond with "N/A" as appropriate. Incomplete or incorrect answers, or missing signatures will delay processing. If space is insufficient, continue on an attached sheet(s) as necessary. Attach other information as needed. Commencement of activities for which permit coverage is requested as detailed in this notice of intent are not authorized until permit coverage has been issued by the department. Please type or print legibly in blue or black ink. Mail completed form to:

> ADEM-Water Division Stormwater Management Branch PO Box 301463 Montgomery, Alabama 36130-1463

FOR OFFICE USE ONLY NPDES PERMIT NUMBER

RECEIPT NUMBER

### DISCHARGES NOT COVERED BY GENERAL PERMIT ALG850000

If the facility will have any of the following discharges, please contact the Mining and Natural Resources Section of ADEM before proceeding:

- A. Discharges to a waterbody designated as Outstanding National Resource Water (ONRW), Outstanding Alabama Water (OAW), or Treasured Alabama Lake (TAL);
- B. Discharges to a waterbody that is included on Alabama's current §303(d) list for a pollutant of concern;
- C. Discharges to a waterbody included in an EPA approved or EPA established Total Maximum Daily Load (TMDL) for a pollutant of concern if the discharges are

not consistent with the EPA approved or EPA establish	ned TMDL				
PU	RPOSE OF THI	S NOTICE OF INTENT			
☐ Initial NOI for New Facility	☐ Ini	itial NOI for Existing Facil	l NOI for Existing Facility (Previous NPDES Permit AL)		
Modification of General Permit No. ALG		eissuance of General Permi	uance of General Permit No. ALG		
Transfer of General Permit No. ALG	Ot	her			
I. PERMITTEE INFORMATION					
Permittee Name		Responsible Official	Phone Number		
Responsible Official and Title		Responsible Official	E-Mail Address		
Responsible Official (RO) Street/Physical Address		City, State, and Zip (	Code		
Responsible Official (RO) Mailing Address		City, State, and Zip C	Code		
II. FACILITY INFORMATION					
Facility/Site Name		Facility/Site Contact	and Title		
Facility/Site Street Address or Location Description		City, State, and Zip (	Code		
Facility Front Gate Latitude and Longitude	Facility/Site C	Contact Phone Number	Facility/Site Contact Email Address		
County(s)					
Township(s), Range(s), Section(s)					
Detailed Directions to Site					

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A.	Indicate the legal structure of the "Permittee" listed in Part I:						
	☐ Corporation ☐ Association ☐ Individual ☐ Single Proprietorship ☐ Partnership ☐ LLP ☐ LLC						
	Government Agency: Other:						
В.	If not an individual, single proprietorship, or government agency, is the "Permittee" listed in Part I. properly registered and in good standing with the Alabama Secretary of State's Office? (If the answer is "No," attach a letter of explanation.)						
C.	Parent Corporation and Subsidiary Corporations of Applicant, if any:						
D.	Land Owner(s):						
E.	Mining Sub-contractor(s)/Operator(s), if known:						
IV.	COMPLIANCE HISTORY						
A.	Has the applicant ever had any of the following:						
	Yes No  (1) An Alabama NPDES, SID, or UIC permit suspended or terminated?						
	(2) An Alabama license to mine suspended or revoked?						
	(3) An Alabama or federal mining permit suspended or terminated?						
	Yes No. (4) A reclamation bond, or similar security deposited in lieu of a bond, or portion thereof, forfeited?						
	(5) A bond or similar security deposited in lieu of a bond, or portion thereof, the purpose of which was to secure compliance with any requirement of the Alabama Water Improvement Commission or Alabama Department of Environmental Management, forfeited?  (If the response to any item of Part IV.A. is "Yes," attach a letter of explanation.)						
В.	Identify every Warning Letter, Notice of Violation (NOV), Administrative Action, or litigation issued to the applicant, parent corporation subsidiary, general partner, LLP partner, or LLC member and filed by ADEM or EPA during the three year (36 months) period preceding the dat on which this form is signed. Indicate the date of issuance, briefly describe alleged violations, list actions (if any) to abate alleged violations, and indicate date of final resolution:						
v	OTHER PERMITS/AUTHORIZATIONS						
A.	List any other NPDES or other environmental permits (including permit numbers), authorizations, or certifications that have been applied for or issued within the State by ADEM, EPA, Alabama Department of Labor (ADOL), US Army Corp of Engineers (USACE), or other agency, to the applicant, parent corporation, subsidiary, or LLC member <u>for this facility</u> whether presently effective, expired, suspended, revoked, or terminated:						

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Anticipated Activity Completion Date:

B. List any other NPDES or other ADEM permits (including permit numbers), authorizations, or certifications that have been applied for or issued within the State by ADEM, EPA, ASMC, ADOL, or USACE, to the applicant, parent corporation, subsidiary, or LLC member <u>for other</u>

<u>facilities</u> whether presently effective, expired, suspended, revoked, or terminated:

VI. PROPOSED SCHEDULE

Anticipated Activity Commencement Date:

## VII. ACTIVITY DESCRIPTION

	that are proposed to be and/or are currently mined, prepared, processed, handled, l is to be mined, list the relative percentages of each mineral by tonnage for the
Dirt and/or Chert	Sand and/or Gravel
Red Clay	Other:
Other:	Other:
Area of the permitted site: Total site area in acres:	
Primary SIC Code: NAICS Code:	Description:
Secondary SIC Code(s): NAICS Code:	Description:
Narrative Description of Activity:	
I	
VIII. MINING ACTIVITY TO BE CONDUCTED	
Type(s) of activity presently conducted at applicant's existing facil	tity or proposed to be conducted at facility (check all that apply):
☐ Surface mining ☐ Auger mining	☐ Hydraulic mining ☐ Mineral storing
☐ Mineral dry processing (crushing & screening)	☐ Mineral wet preparation ☐ Mineral loading
☐ Construction related temporary borrow pits/areas	☐ Mineral transportationrailbargetruck
Grading, clearing, grubbing, etc.	☐ Excavation
☐ Pre-mining logging or land clearing	☐ Waterbody relocation or other alteration ☐ Creek/stream crossings
Onsite construction debris or equipment storage/disposal	☐ Onsite mining debris or equipment storage/disposal
☐ Reclamation of disturbed areas	☐ Chemicals used in process or wastewater treatment (coagulant, biocide, etc.)
☐ Mining a portion of a larger unreclaimed area	
Other:	
Other:	
The state of the s	
	LL PREVENTION CONTROL & COUNTERMEASURES (SPCC) PLAN
A. Will fuels, chemicals, compounds, or liquid waste be used or	
B. If "Yes," identify the fuel, chemicals, compounds, or liquid w	/aste and indicate the volume of each:
Volume Contents Volume	Contents Volume Contents
	onsgallons
	ons gallons
C. If "Yes," a detailed SPCC Plan with acceptable format and conceptable Admin. Code R. 335-6-612(r).	ontent, including diagrams, must be attached to this NOI in accordance with ADEM
X. TOPOGRAPHIC MAP SUBMITTAL	
	o larger than 11 by 17 inches (several pages may be necessary), of the area extending
	map(s) must include a caption indicating the name of the topographic map, name of n(s) where the facility is located. The topographic map(s), at a minimum, must show:
(a) An accurate outline of the area to be covered by the Permit	(e) Proposed and existing discharge points
<ul><li>(b) An outline of the facility</li><li>(c) All existing and proposed disturbed areas</li></ul>	(f) Perennial, intermittent, and ephemeral streams
<ul><li>(c) All existing and proposed disturbed areas</li><li>(d) All known facility roads and surrounding unimproved/improv</li></ul>	(g) Lakes, springs, water wells, wetlands ved roads (h) Any other pertinent or significant feature

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### XI. RECEIVING WATERS

List the requested permit action for each outfall (issue, reissue, delete, move, etc), outfall point number and designation denoting "E" for existing and "P" for proposed outfalls (ex. 001E or 002P), name of receiving water(s), latitude and longitude of location(s) of each discharge point, distance of receiving water from outfall in feet, and the waterbody use classification. If this NOI is for a modification to an existing permit do not change the numbering sequence of the permitted outfalls.

Action	Outfall E/P	Receiving Water(s)	Latitude	Longitude	Distance to Rec. Water	Waterbody Use Classification

### XII. DISCHARGE STRUCTURE DESCRIPTION & ORIGIN

List the outfall point number and designation denoting "E" for existing and "P" for proposed outfalls (ex. 001E or 002P), as it appears on the map(s) required by this NOI, describe each discharge structure (*e.g.*, pipe, spillway, channel, tunnel, conduit, well, discrete fissure, or container), and identify the method of discharge.

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Outfall	Discharge Structure Description	Surface	Groundwater	Wet Prep -Other	Pumped or
E/P		Discharge	Discharge	Production Plant	Controlled
					Discharge
					Discharge
		1	1	1	

## XIII. POLLUTION ABATEMENT & PREVENTION (PAP) PLAN

A PAP Plan in accordance with Part III.C of the general permit, and ADEM Admin. Code r. 335-6-9-.03, including Appendices A & B, must be completed and attached as part of this NOI.

## XIV. GENERAL INFORMATION

This NOI and the appropriate fees must be submitted concurrently. The fee for Mineral/Resource Extraction Mining, Storage, Transloading, and/or Dry Processing facilities and Wet Preparation, Processing, and/or Beneficiation facilities are in Fee Schedule D of ADEM Admin. Code div.335-1. An additional Greenfield Site fee must be submitted for the initial operation of a new facility or a facility or operation not previously permitted.

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# XV. POLLUTION ABATEMENT & PREVENTION (PAP) PLAN SUMMARY (must be completed for all outfalls)

Y	N	N/A	Outfall(s):		
			Runoff from all areas of disturbance is controlled		
			Drainage from pit area, stockpiles, and spoil areas directed to a sedimentation pond		
			Drainage from haul roads and other minor disturbed areas treated before discharge		
			Sedimentation basin at least 0.25 acre/feet for every acre of disturbed drainage		
			Sedimentation basin cleaned out when sediment accumulation is 60% of design capacity		
			Trees, boulders, and other obstructions removed from pond during initial construction		
			Width of top of dam greater than 12'		
			Side slopes of dam no steeper than 3:1		
			Cutoff trench at least 8' wide		
			Side slopes of cutoff trench no less than 1:1		
			Cutoff trench located along the centerline of the dam		
			Cutoff trench extends at least 2' into bedrock or impervious soil		
			Cutoff trench filled with impervious material		
			Embankments and cutoff trench 95% compaction standard proctor ASTM		
			Embankment free of roots, tree debris, stones >6" diameter, etc.		
			Embankment constructed in lifts no greater than 12"		
			Spillpipe sized to carry peak flow from a one year storm event		
			Spillpipe will not chemically react with effluent		
			Subsurface withdrawal used		
			Anti-seep collars extend radially at least 2' from each joint in spillpipe		
			Splashpad at the end of the spillpipe		
			Emergency Spillway sized for peak flow from 25-yr 24-hr event if discharge not into PWS classified stream		
			Emergency spillway sized for peak flow from 50-yr 24-hr event if discharge is into PWS classified stream		
			Emergency overflow at least 20' long		
			Side slopes of emergency spillway no steeper than 2:1		
			Emergency spillway lined with riprap or concrete		
			Minimum of 1.5' of freeboard between normal overflow and emergency overflow		
			Minimum of 1.5' of freeboard between max. design flow of emergency spillway and top of dam		
			All emergency overflows are sized to handle entire drainage area for ponds in series		
			Dam stabilized with permanent vegetation		
			Sustained grade of haul road <10%		
			Maximum grade of haul road <15% for no more than 300'		
			Outer slopes of haul road no steeper than 2:1		
			Outer slopes of haul road vegetated or otherwise stabilized		
			Detail drawings supplied for all stream crossings		
			Short-Term Stabilization/Grading and Temporary Vegetative Cover Plans		
			Long-Term Stabilization/Grading and Permanent Reclamation or Water Quality Remediation Plans		
IDEN	יחדרנ	VAND	DDAVIDE DETAILED EVDLANATION EAD ANV "N" AD "N/A" DESDANSE(a).		
WEI	11II.	1 AND	PROVIDE DETAILED EXPLANATION FOR ANY "N" OR "N/A" RESPONSE(s):		
<b>—</b>					

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## XVI. POLLUTION ABATEMENT & PREVENTION (PAP) PLAN REVIEW CHECKLIST

			_
Y	N	N/A	
			PE Seal with License #
			Name and Address of Operator
			Legal Description of Facility
			General Information:
			Name of Company
			Products to be Mined
			Hours of Operation
			Water Supply and Disposition
	1		
	1		Maps: Tonographic Maninglyding Information from Part V (a) (b) of this NOI
			Topographic Map including Information from Part X (a) – (h) of this NOI
			1"- 500' or Equivalent Facility Map including Locations of Plant, Treatment Basins, Discharge Points, Streams, etc.
			Detailed Design Diagrams:
			Plan Views
			Cross-section Views
			Method of Diverting Runoff to Treatment Basins
			Narrative of Operations:
			Raw Materials Defined
			Processes Defined
			Products Defined
	I .		
		1	Schematic Diagram:
			Points of Waste Origin
			Collection System
			Disposal System
			Post Treatment Quantity and Quality of Effluent:
			Flow
			Suspended Solids
			pH
			Description of Waste Treatment Facility:
			Pre-Treatment Measures
			Recovery System
			Expected Life of Treatment Basin
			Measures for Ensuring Access to All Treatment Structures and Related Appurtenances including Outfall Locations
			Schedule of Cleaning and/or abandonment
			_
	1		Other:
			Precipitation/Volume Calculations/Diagram Attached
			BMP Plan for Haul Roads  Magyara for Minimizing Impacts to Adiagont Stroom is Ruffer String Rounds at a
			Measures for Minimizing Impacts to Adjacent Stream i.e., Buffer Strips, Berms, etc.
			Measures for Ensuring Appropriate Setbacks are Maintained at All Times
			Methods for Minimizing Nonpoint Source Discharges  If Chamical Treatment Head MSDS Shorts Included and Methods for Enguring Appropriate Decade
			If Chemical Treatment Used, MSDS Sheets Included and Methods for Ensuring Appropriate Dosage
			Facility Closure Plans  DE Pationala(s) For Alternate Standards, Designs or Plans
			PE Rationale(s) For Alternate Standards, Designs or Plans
IDEN	JTIF	VANI	PROVIDE DETAILED EXPLANATION FOR ANY "N" OR "N/A" RESPONSE(s):
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### XVII. PROFESSIONAL ENGINEER (PE) CERTIFICATION

A detailed, comprehensive Pollution Abatement & Prevention (PAP) Plan must be pregistered in the State of Alabama, and the PE must certify as follows:	epared, signed, and certified by a professional engineer (PE),		
"I certify under penalty of law that the technical information and data contained in the Prevention (PAP) Plan, including any attached SPCC plan, maps, engineering designs, of all sources of pollution in stormwater and authorized related process wastewater rutilizing effective, good engineering and pollution control practices and in accordance Division 335-6, including Chapter 335-6-9 and Appendices A & B. If the PAP Pladischarges of pollutants can reasonably be expected to be effectively minimized to the limitations and other permit requirements. The applicant has been advised that approping nonstructural management practices or Department approved equivalent management pand regularly maintained as needed at the facility in accordance with good sediment, ero, and other ADEM requirements to ensure protection of groundwater and surface water of	etc. acceptable to ADEM, for the prevention and minimization anoff has been prepared under my supervision for this facility with the provisions of this Permit, and ADEM Admin. Code an is properly implemented and maintained by the Permittee, maximum extent practicable and according to permit discharge riate pollution abatement/prevention facilities and structural & practices as detailed in the PAP Plan must be fully implemented sion, and other pollution control practices, permit requirements,		
Address	PE Registration #		
Name & Title (type or print)	Phone Number		
Signature	Date Signed		
XVIII. OPERATOR - RESPONSIBLE OFFICIAL* SIGNATURE			
This NOI must be signed and initialed by a Responsible Official of the applicant pursuresponsibility for the operation of the facility.	ant to ADEM Admin. Code Rule 335-6-609 who has overall		
"I certify under penalty of law that this document, including technical information and d designs, and all other attachments were prepared under my direction or supervision is personnel properly gathered and evaluated the information submitted. Based on my inquivalent manage the system or those persons directly responsible for gathering the information and belief, true, accurate, and complete. I am aware that there are significant penalties for imprisonment for knowing violations."	in accordance with a system designed to assure that qualified uiry of the PE and other person or persons under my supervision tion, the information submitted is, to the best of my knowledge		
"A comprehensive PAP Plan to prevent and minimize discharges of pollution to the maximum extent practicable has been prepared at my direction by a PE for this facility utilizing effective, good engineering and pollution control practices and in accordance with the provisions of ADEM Admin. Code Division 335-6, including Chapter 335-6-9 and Appendices A & B, and information contained in this application, including any attachments. I understand that regular inspections must be performed by, or under the direct supervision of, a PE and all appropriate pollution abatement/prevention facilities and structural & nonstructural management practices or Department approved equivalent management practices identified by the PE must be fully implemented prior to and concurrent with commencement of regulated activities and regularly maintained as needed at the facility in accordance			

"I acknowledge my understanding that if the proposed activities will be conducted in or potentially impact waters of the state or waters of the US

with good sediment, erosion, and other pollution control practices and ADEM requirements. I understand that the PAP Plan must be fully implemented and regularly maintained so that discharges of pollutants can reasonably be expected to be effectively minimized to the maximum extent practicable and according to permit discharge limitations and other requirements to ensure protection of groundwater and surface water quality. I understand that failure to fully implement and regularly maintain required management practices for the protection of groundwater and surface water quality may

"I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form."

"I further certify that the discharges described in this application have been tested or evaluated for the presence of non-stormwater discharges and any

(including wetlands), that I may be required to obtain a permit from the USACE."

"I acknowledge my understanding that I may be required to obtain a permit from the ADOL."

non-mining associated beneficiation/process pollutants and wastewaters have been fully identified."

e state or waters of the \_\_\_\_\_ (initial here)

\_\_\_\_\_ Date Signed \_\_\_\_\_

\_\_ (initial here)

\_\_\_\_ (initial here)

\_\_\_\_ (initial here)

\_\_\_\_ (initial here)

Name (type or print) \_\_\_\_\_ Official Title \_\_\_\_

\*335-6-6-.09 Signatories to Permit Applications and Reports.

Signature

subject the Permittee to appropriate enforcement action."

- (1) The application for an NPDES permit shall be signed by a responsible official, as indicated below:
  - (a) In the case of a corporation, by a principal executive officer of at least the level of vice president, or a manager assigned or delegated in accordance with corporate procedures, with such delegation submitted in writing if required by the Department, who is responsible for manufacturing, production, or operating facilities and is authorized to make management decisions which govern the operation of the regulated facility;
  - (b) In the case of a partnership, by a general partner;
  - (c) In the case of a sole proprietorship, by the proprietor; or
  - (d) In the case of a municipal, state, federal, or other public entity by either a principal executive officer, or ranking elected official.

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