

**ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM)  
NPDES INDIVIDUAL PERMIT APPLICATION**

**SURFACE & UNDERGROUND MINERAL & ORE OR MINERAL PRODUCT MINING, QUARRYING, EXCAVATION,  
BORROWING, HYDRAULIC MINING, STORAGE, PROCESSING, PREPARATION, RECOVERY, HANDLING,  
LOADING, STORING, OR DISPOSING ACTIVITIES AND ASSOCIATED AREAS INCLUDING PRE-MINING SITE  
DEVELOPMENT, CONSTRUCTION, EXCAVATION, CLEARING, DISTURBANCE, RECLAMATION, AND  
ASSOCIATED AREAS**

INSTRUCTIONS: COMPLETE ALL QUESTIONS. RESPOND WITH "N/A" AS APPROPRIATE. INCOMPLETE OR INCORRECT ANSWERS OR MISSING SIGNATURES WILL DELAY PROCESSING. ATTACH ADDITIONAL COMMENTS OR INFORMATION AS NEEDED. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. COMMENCEMENT OF ACTIVITIES APPLIED FOR AS DETAILED IN THIS APPLICATION ARE NOT AUTHORIZED UNTIL PERMIT COVERAGE HAS BEEN ISSUED BY THE DEPARTMENT.

PLEASE TYPE OR PRINT IN INK ONLY.

PURPOSE OF THIS APPLICATION

- |  |  |
|--|--|
| <input type="checkbox"/> Initial Permit Application for New Facility | <input type="checkbox"/> Initial Permit Application for Existing Facility (e.g. facility previously permitted less than 5 acres) |
| <input type="checkbox"/> Modification of Existing Permit             | <input type="checkbox"/> Reissuance of Existing Permit <input type="checkbox"/> Reissuance & Modification Existing Permit        |
| <input type="checkbox"/> Reissuance & Transfer of Existing Permit    | <input type="checkbox"/> Revocation and Reissuance of Existing Permit <input type="checkbox"/> Other _____                       |

I. GENERAL INFORMATION

NPDES Permit Number (Not applicable if initial permit application): <i>AL</i> _____	County(s) in which Facility is Located:
--	---

Company/Permittee Name:		Facility Name (e.g., Mine Name, Pit Name, etc.):	
Mailing Address of Company/Permittee:		Physical Address of Facility (as near as possible to entrance):	
City:	State:	Zip:	City: State: Zip:
Permittee Phone Number:	Permittee Fax Number:	Latitude and Longitude of entrance:	

Responsible Official (as described on page 13 of this application):		Responsible Official Title:	
Mailing Address of Responsible Official:		Physical Address of Responsible Official:	
City:	State:	Zip:	City: State: Zip:
Phone Number of Responsible Official:	Fax Number of Responsible Official:	Email Address of Responsible Official:	

Facility Contact:		Facility Contact Title:	
Physical Address of Facility Contact:		Phone Number of Facility Contact:	Fax Number of Facility Contact:
City:	State:	Zip:	Email Address of Facility Contact:

**II. MEMBER INFORMATION**

A. Identify the name, title/position, and unless waived in writing by the Department, the residence address of every officer, general partner, LLP partner, LLC member, investor, director, or person performing a function similar to a director, of the applicant, and each person who is the record or beneficial owner of 10 percent or more of any class of voting stock of the applicant, or any other responsible official(s) of the applicant with legal or decision making responsibility or authority for the facility:

Name:	Title/Position:	Physical Address of Residence (P.O. Box is Not Acceptable)
_____	_____	_____
_____	_____	_____
_____	_____	_____

B. Other than the "Company/Permittee" listed in Part I., identify the name of each corporation, partnership, association, and single proprietorship for which any individual identified in Part II.A. is or was an officer, general partner, LLP partner, LLC member, investor, director, or individual performing a function similar to a director, or principal (10% or more) stockholder, that had an Alabama NPDES permit at any time during the five year (60 month) period immediately preceding the date on which this form is signed:

Name of Corporation, Partnership, Association, or Single Proprietorship:	Name of Individual from Part II.A.:	Title/Position in Corporation, Partnership, Association, or Single Proprietorship:
_____	_____	_____
_____	_____	_____
_____	_____	_____

**III. LEGAL STRUCTURE OF APPLICANT**

A. Indicate the legal structure of the "Company/Permittee" listed in Part I:

Corporation   
  Association   
  Individual   
  Single Proprietorship   
  Partnership   
  LLP   
  LLC  
 Government Agency: \_\_\_\_\_   
  Other: \_\_\_\_\_

B. If not an individual or single proprietorship, is the "Company/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.)     Yes     No

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?	<input type="checkbox"/>	<input type="checkbox"/>	
(2) An Alabama license to mine suspended or revoked?	<input type="checkbox"/>	<input type="checkbox"/>	
(3) An Alabama or federal mining permit suspended or terminated?	<input type="checkbox"/>	<input type="checkbox"/>	
(4) A reclamation bond, or similar security deposited in lieu of a bond, or portion thereof, forfeited?			Yes    No <input type="checkbox"/> <input type="checkbox"/>
(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?			<input type="checkbox"/> <input type="checkbox"/>

(If the response to any item of Part IV.A. is "Yes," attach a letter of explanation.)

B. 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 date 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 Surface Mining Commission (ASMC), Alabama Department of Industrial Relations (ADIR), or other agency, to the applicant, parent corporation, subsidiary, or LLC member for this facility whether presently effective, expired, suspended, revoked, or terminated:

\_\_\_\_\_

\_\_\_\_\_

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, or ADIR, to the applicant, parent corporation, subsidiary, or LLC member for other facilities whether presently effective, expired, suspended, revoked, or terminated:

\_\_\_\_\_

VI. PROPOSED SCHEDULE

Anticipated Activity Commencement Date: \_\_\_\_\_ Anticipated Activity Completion Date: \_\_\_\_\_

VII. ACTIVITY DESCRIPTION & INFORMATION

A. Proposed Total Area of the Permitted Site: \_\_\_\_\_ acres Proposed Total Disturbed Area of the Permitted Site: \_\_\_\_\_ acres

B. Township(s), Range(s), Section(s): \_\_\_\_\_

C. Detailed Directions to Site: \_\_\_\_\_

D. Is/ will this facility:

	Yes	No
(1) an existing facility which currently results in discharges to State waters?	<input type="checkbox"/>	<input type="checkbox"/>
(2) a proposed facility which will result in a discharge to State waters?	<input type="checkbox"/>	<input type="checkbox"/>
(3) be located within any 100-year flood plain?	<input type="checkbox"/>	<input type="checkbox"/>
(4) discharge to Municipal Separate Storm Sewer?	<input type="checkbox"/>	<input type="checkbox"/>
(5) discharge to waters of or be located in the Coastal Zone?	<input type="checkbox"/>	<input type="checkbox"/>
(6) need/have ADEM UIC permit coverage?	<input type="checkbox"/>	<input type="checkbox"/>
(7) be located on Indian/ historically significant lands?	<input type="checkbox"/>	<input type="checkbox"/>
(8) need/have ADEM SID permit coverage?	<input type="checkbox"/>	<input type="checkbox"/>
(9) need/have ASMC permit coverage?	<input type="checkbox"/>	<input type="checkbox"/>
(10) need/have ADIR permit coverage?	<input type="checkbox"/>	<input type="checkbox"/>
(11) generate, treat, store, or dispose of hazardous or toxic waste ? (If "Yes," attach a detailed explanation.)	<input type="checkbox"/>	<input type="checkbox"/>
(12) be located in or discharge to a Public Water Supply (PWS) watershed or be located within 1/2 mile of any PWS well?	<input type="checkbox"/>	<input type="checkbox"/>

VIII. MATERIAL TO BE REMOVED, PROCESSED, OR TRANSLOADED

List relative percentages of the mineral(s) or mineral product(s) that are proposed to be and/or are currently mined, quarried, recovered, prepared, processed, handled, transloaded, or disposed at the facility. **If more than one mineral is to be mined, list the relative percentages of each mineral by tonnage for the life of the mine.**

____ Dirt &/or Chert	____ Sand &/or Gravel	____ Chalk	____ Talc	____ Crushed rock (other)
____ Bentonite	____ Industrial Sand	____ Marble	____ Shale &/or Common Clay	____ Sandstone
____ Coal	____ Kaolin	____ Coal fines/refuse recovery	____ Coal product, coke	____ Slag, Red Rock
____ Fire clay	____ Iron ore	____ Dimension stone	____ Phosphate rock	____ Granite
____ Bauxitic Clay	____ Bauxite Ore	____ Limestone, crushed limestone and dolomite		
____ Gold, other trace minerals: _____			____ Other: _____	
____ Other: _____			____ Other: _____	
____ Other: _____			____ Other: _____	

**IX. PROPOSED ACTIVITY TO BE CONDUCTED**

A. Type(s) of activity presently conducted at applicant's existing facility or proposed to be conducted at facility (check all that apply):

<input type="checkbox"/> Surface mining	<input type="checkbox"/> Underground mining	<input type="checkbox"/> Quarrying	<input type="checkbox"/> Auger mining	<input type="checkbox"/> Hydraulic mining
<input type="checkbox"/> Within-bank mining	<input type="checkbox"/> Solution mining	<input type="checkbox"/> Mineral storing	<input type="checkbox"/> Lime production	<input type="checkbox"/> Cement production
<input type="checkbox"/> Synthetic fuel production	<input type="checkbox"/> Alternative fuels operation	<input type="checkbox"/> Mineral dry processing (crushing & screening)	<input type="checkbox"/> Mineral wet preparation	
<input type="checkbox"/> Other beneficiation & manufacturing operations	<input type="checkbox"/> Mineral loading	<input type="checkbox"/> Chemical processing or leaching		
<input type="checkbox"/> Construction related temporary borrow pits/areas	<input type="checkbox"/> Mineral transportation ___rail ___barge ___truck			
<input type="checkbox"/> Preparation plant waste recovery	<input type="checkbox"/> Hydraulic mining, dredging, instream or between stream-bank mining			
<input type="checkbox"/> Grading, clearing, grubbing, etc.	<input type="checkbox"/> Pre-construction ponded water removal	<input type="checkbox"/> Excavation		
<input type="checkbox"/> Pre-mining logging or land clearing	<input type="checkbox"/> Waterbody relocation or other alteration	<input type="checkbox"/> Creek/stream crossings		
<input type="checkbox"/> Onsite construction debris or equipment storage/disposal	<input type="checkbox"/> Onsite mining debris or equipment storage/disposal			
<input type="checkbox"/> Reclamation of disturbed areas	<input type="checkbox"/> Chemicals used in process or wastewater treatment (coagulant, biocide, etc.)			
<input type="checkbox"/> Adjacent/associated asphalt/concrete plant(s)	<input type="checkbox"/> Low volume sewage treatment package plant			
<input type="checkbox"/> Other: _____				

B. Primary SIC Code: \_\_\_\_\_ Description: \_\_\_\_\_  
 Secondary SIC Code(s): \_\_\_\_\_ Description: \_\_\_\_\_

C. Narrative Description of the Activity: \_\_\_\_\_  
 \_\_\_\_\_

**X. FUEL – CHEMICAL HANDLING, STORAGE & SPILL PREVENTION CONTROL & COUNTERMEASURES (SPCC) PLAN**

A. Will fuels, chemicals, compounds, or liquid waste be used or stored onsite?  Yes  No

B. If "Yes," identify the fuel, chemicals, compounds, or liquid waste and indicate the volume of each:

Volume	Contents	Volume	Contents	Volume	Contents
_____ gallons	_____	_____ gallons	_____	_____ gallons	_____
_____ gallons	_____	_____ gallons	_____	_____ gallons	_____

C. If "Yes," a detailed SPCC Plan with acceptable format and content, including diagrams, must be attached to application in accordance with ADEM Admin. Code R. 335-6-6-.12(r). Unless waived in writing by the Department on a programmatic, categorical, or individual compound/chemical basis, Material Safety Data Sheets (MSDS) for chemicals/compounds used or proposed to be used at the facility must be included in the SPCC Plan submittal.

**XI. POLLUTION ABATEMENT & PREVENTION (PAP) PLAN**

A. For non-coal mining facilities, a PAP Plan in accordance with ADEM Admin. Code r. 335-6-9-.03 has been completed and is attached as part of this application.  Yes  No

B. For coal mining facilities, a detailed PAP Plan has been submitted to ASMC according to submittal procedures for ASMC regulated facilities.  Yes  No

(1) If "Yes" to Part XI.B., provide the date that the PAP Plan was submitted to ASMC: \_\_\_\_\_

(2) If "No" to Part XI.B., provide the anticipated date that the PAP Plan will be submitted to ASMC: \_\_\_\_\_

**XII. ASMC REGULATED ENTITIES**

A. Is this coal mining operation regulated by ASMC?  Yes  No

B. If "Yes", provide copies as part of this application of any pre-mining hydrologic sampling reports and Hydrologic Monitoring Reports which have been submitted to ASMC within the 36 months prior to submittal of this application.







XVIII. PROPOSED NEW OR INCREASED DISCHARGES

A. Pursuant to ADEM Admin. Code Chapter 335-6-10-.12(9), responses to the following questions must be provided by the applicant requesting NPDES permit coverage for new or expanded discharges of pollutant(s) to Tier 2 waters (except discharges eligible for coverage under general permits). As part of the permit application review process, the Department is required to consider, based on the applicant's demonstration, whether the proposed new or increased discharge to Tier 2 waters is necessary for important economic or social development in the area in which the waters are located.

- Yes. New/increased discharges of pollutant(s) or discharge locations to Tier 2 waters are proposed.
- No. New/increased discharges of pollutants(s) or discharge locations to Tier 2 waters are not proposed.

B. If "Yes," complete Items 1 through 6 of this Part (XVII.B.), ADEM Form 311-Alternative Analysis, and either ADEM Form 312 or ADEM Form 313-Calculation of Total Annualized Project Costs (Public-Section or Private-Sector, whichever is applicable). ADEM Form 312 or ADEM Form 313, whichever, is applicable, should be completed for each technically feasible alternative evaluated on ADEM Form 311. ADEM Forms can be found on the Department's website at [www.adem.alabama.gov/DeptForms](http://www.adem.alabama.gov/DeptForms). **Attach additional sheets/documentation and supporting information as needed.**

(1) What environmental or public health problem will the discharge be correcting?

---

---

---

---

---

(2) How much will the discharger be increasing employment (at its existing facility or as a result of locating a new facility)?

---

---

---

---

---

(3) How much reduction in employment will the discharger be avoiding?

---

---

---

---

---

(4) How much additional state or local taxes will the discharger be paying?

---

---

---

---

---

(5) What public service to the community will the discharger be providing?

---

---

---

---

---

(6) What economic or social benefit will the discharger be providing to the community?

---

---

---

---

---



XX. POLLUTION ABATEMENT PLAN (PAP) REVIEW CHECKLIST

Y	N	N/A

PE Seal with License #  
 Name and Address of Operator  
 Legal Description of Facility

**General Information:**


Name of Company  
 Number of Employees  
 Products to be Mined  
 Hours of Operation  
 Water Supply and Disposition

**Topographic Map:**


Mine Location  
 Location of Prep Plant  
 Location of Treatment Basins  
 Location of Discharge Points  
 Location of Adjacent Streams

**1" - 500' or Equivalent Facility Map:**


Drainage Patterns  
 Mining Details  
 All Roads, Structures Detailed  
 All Treatment Structures Detailed

**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

**Schematic Diagram:**


Points of Waste Origin  
 Collection System  
 Disposal System

**Post Treatment Quantity and Quality of Effluent:**


Flow  
 Suspended Solids  
 Iron Concentration  
 pH

**Description of Waste Treatment Facility:**


Pre-Treatment Measures  
 Recovery System  
 Expected Life of Treatment Basin  
 Schedule of Cleaning and/or abandonment

**Other:**


Precipitation/Volume Calculations/Diagram Attached  
 BMP Plan for Haul Roads  
 Measures for Minimizing Impacts to Adjacent Stream i.e., Buffer Strips, Berms, etc.  
 Methods for Minimizing Nonpoint Source Discharges  
 Facility Closure Plans  
 PE Rationale(s) For Alternate Standards, Designs or Plans

**IDENTIFY AND PROVIDE DETAILED EXPLANATION FOR ANY "N" OR "N/A" RESPONSE(s):**


**Contact the Department prior to submittal with any questions or to request acceptable alternate content/format. Be advised that you are not authorized to commence regulated activity until this application can be processed, publicly noticed, and approval to proceed is received in writing from the Department.**

EPA Form(s) 1 and 2F need not be submitted unless specifically required by the Department. EPA Form(s) 2C and/or 2D are required to be submitted unless the applicant is eligible for a waiver and the Department grants a waiver.

Planned/proposed mining sites that are greater than 5 acres, that mine/process coal or metallic mineral/ore, or that have wet or chemical processing, must apply for and obtain coverage under and Individual NPDES Permit prior to commencement of any land disturbance. Such coverage may be requested via this ADEM Form 315.

The applicant is advised to contact:

- (1) The Alabama Surface Mining Commission (ASMC) if coal, coal fines, coal refuse, or other coal related materials are mined, transloaded, processed, *etc.*;
- (2) The Alabama Department of Industrial Relations (ADIR) if conducting non-coal mining operations;
- (3) The Alabama Historical Commission for requirements related to any potential historic or culturally significant sites;
- (4) The Alabama Department of Conservation and Natural Resources (ADCNR) for requirements related to potential presence of threatened/endangered species; and
- (5) The US Army Corps of Engineers, Mobile or Nashville Districts, if this project could cause fill to be placed in federal waters or could interfere with navigation.

The Department must be in receipt of a completed version of this form, including any supporting documentation, and the appropriate processing fee (including Greenfield Fee and Biomonitoring & Toxicity Limits fee(s), if applicable), prior to development of a draft NPDES permit. Send the completed form, supporting documentation, and the appropriate fees to:

Water Division  
Alabama Department of Environmental Management  
Post Office Box 301463  
Montgomery, Alabama 36130-1463  
Phone: (334) 271-7823  
Fax: (334) 279-3051  
h2omail@adem.state.al.us  
www.adem.alabama.gov

XXII. PROFESSIONAL ENGINEER (PE) CERTIFICATION

A detailed, comprehensive Pollution Abatement/Prevention Plan (PAP) must be prepared, signed, and certified by a professional engineer (PE), registered in the State of Alabama as follows:

"I certify on behalf of the applicant, that I have completed an evaluation of discharge alternatives (Item XVIII) for any proposed new or increased discharges of pollutant(s) to Tier 2 waters and reached the conclusions indicated. I certify under penalty of law that technical information and data contained in this application, and a comprehensive PAP Plan including any attached SPCC plan, maps, engineering designs, etc. acceptable to ADEM, for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff has been prepared under my supervision 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. If the PAP plan is properly implemented and maintained by the Permittee, discharges of pollutants can reasonably be expected to be effectively minimized to the maximum extent practicable and according to permit discharge limitations and other permit requirements. The applicant has been advised that appropriate pollution abatement/prevention facilities and structural & nonstructural management practices or Department approved equivalent management practices as detailed in the PAP plan must be fully implemented and regularly maintained as needed at the facility in accordance with good sediment, erosion, and other pollution control practices, permit requirements, and other ADEM requirements to ensure protection of groundwater and surface water quality."

Address \_\_\_\_\_ PE Registration # \_\_\_\_\_  
Name and Title (type or print) \_\_\_\_\_ Phone Number \_\_\_\_\_  
Signature \_\_\_\_\_ Date Signed \_\_\_\_\_

XXIII. RESPONSIBLE OFFICIAL SIGNATURE\*

This application must be signed by a Responsible Official of the applicant pursuant to ADEM Admin. Code Rule 335-6-6-.09 who has overall responsibility for the operation of the facility.

"I certify under penalty of law that this document, including technical information and data, the PAP plan, including any SPCC plan, maps, engineering designs, and all other attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the PE and other person or persons under my supervision who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine or imprisonment for knowing violations.

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 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 subject the Permittee to appropriate enforcement action.

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

Name (type or print) \_\_\_\_\_ Official Title \_\_\_\_\_  
Signature \_\_\_\_\_ Date Signed \_\_\_\_\_

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

- (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.