
Small Noncoal/Nonmetallic Mining Best Management Practices Plan

Insert Project Name
Insert Project Site Location/Address
Insert City, State, Zip Code

Permittee:

Insert Company or Organization Name
Insert Responsible Official Name
Insert Address
Insert City, State, Zip Code
Insert Telephone Number
Insert Email

BMP Plan Contact(s)/QCP:

Insert Company or Organization Name
Insert Name
Insert Address
Insert City, State, Zip Code
Insert Telephone Number
Insert Email

BMP Plan Preparation Date:

____/____/____

Estimated Project Dates:

Project Start Date: ____/____/____

Project Completion Date: ____/____/____

Contents

SECTION 1: SITE EVALUATION, ASSESSMENT, AND PLANNING	4
1.1 Project/Site Information.....	4
1.2 Contact Information/Responsible Parties	4
1.3 Nature of Mining Activity	6
1.4 Receiving Waters.....	6
1.5 Potential Sources of Pollution	6
1.6 Maps.....	7
SECTION 2: EROSION AND SEDIMENT CONTROL BMPS.....	8
2.1 Control Stormwater Volume and Velocity within site	8
2.2 Minimize Sediment discharges from site	8
2.3 Minimize the generation of dust	9
2.4 Minimize all Stream Crossings.....	9
2.5 Establish Stabilized Mining Entrance/Exit Roads	10
2.6 Treatment Chemicals.....	10
2.7 Natural Buffers/Additional BMPs	11
SECTION 3: GOOD HOUSEKEEPING (GROUNDS KEEPING) BMPS	12
3.1 Material Handling and Waste Management	12
3.2 Establish Proper Equipment Lay Down/Staging Areas.....	12
3.3 Designate Washout Areas	13
3.4 Establish Proper Equipment/Vehicle Fueling and Maintenance Practices.....	13
3.5 Non-Stormwater Discharge Management	14
3.6 Equipment/Vehicle Washing	14
3.7 Spill Prevention, Control and Management	15
3.8 Sediment Removal	15
3.9 Any Additional BMPs	15
SECTION 4: INSPECTIONS.....	16
4.1 Inspections	16
4.2 Corrective Action Log.....	16
SECTION 5: RECORDKEEPING AND TRAINING.....	17
5.1 Recordkeeping	17
REFERENCE ATTACHMENT(S)	17
5.2 Log of Changes to the BMP Plan	17
5.3 Training	17
SECTION 6: FINAL STABILIZATION	18
SECTION 7: CERTIFICATION AND NOTIFICATION	19
BMP Plan APPENDICES	20

Appendix A - General Location Map

Appendix B - Site Maps

Appendix C - NOI and Copy of Permit

Appendix D - Inspection Reports

Appendix E - Corrective Action Log (or in Part 4.2)

Appendix F - BMP Plan Amendment Log (or in Part 5.2)

Appendix G - Additional Information (i.e., Endangered Species, Historic Preservation and U.S. Corps of Engineers Documentation)

SECTION 1: SITE EVALUATION, ASSESSMENT, AND PLANNING

1.1 Project/Site Information

Project/Site Name: _____

Project Street/Location: _____

City: _____ State: _____ ZIP Code: _____

County: _____

Total Disturbed Acres: _____ Total Project Acres: _____

Latitude/Longitude of the Project Site (front gate).

Latitude:

Longitude:

__ . ____ ° N (decimal)

__ . ____ ° W (decimal)

Method for determining latitude/longitude:

USGS topographic map (specify scale): _____ EPA Web site GPS

Other (please specify): _____

1.2 Contact Information/Responsible Parties

Permittee:

Insert Company or Organization Name:

Insert Name:

Insert Address:

Insert City, State, Zip Code:

Insert Telephone Number:

Insert Email:

Repeat as necessary

Project Manager(s) or Site Supervisor(s):

Insert Company or Organization Name:

Insert Name:

Insert Address:

Insert City, State, Zip Code:

Insert Telephone Number:

Insert Fax/Email:

Repeat as necessary

BMP Plan Contact(s) / QCP:

Insert Company or Organization Name:

Insert Name:

Insert Address:

Insert City, State, Zip Code:

Insert Telephone Number:

Insert Email:

Repeat as necessary

QCI or Qualified Person(s):

Insert Company or Organization Name:

Insert Name:

Insert Address:

Insert City, State, Zip Code:

Insert Telephone Number:

Insert Email:

Repeat as necessary

This BMP Plan was Prepared by:

Insert Company or Organization Name:

Insert Name:

Insert Address:

Insert City, State, Zip Code:

Insert Telephone Number:

Insert Email:

Emergency 24-Hour Contact:

Insert Company or Organization Name:

Insert Name:

Insert Telephone Number:

1.3 Nature of Mining Activity

Specify material to be mined:

Dirt/Chert Sand/Gravel Shale Common Clay Crushed Rock
Dimension Stone

Other (please specify): _____

Other (please specify): _____

Primary SIC Code: _____

Primary NAICS Code: _____

Narrative Description of Activity:

INSERT TEXT HERE

Estimated Project Start Date: ___/___/___

Estimated Project Completion Date: ___/___/___

1.4 Receiving Waters

Description of receiving waters:

Description of storm sewer systems (where applicable):

Description of OAW, ONRW, and TAL waters; waters listed on the most recently EPA approved 303(d) list; or waters subject to TMDLs:

Other:

1.5 Potential Sources of Pollution

Potential sources of sediment to stormwater runoff:

INSERT TEXT OR TABLE HERE

Potential pollutants and known sources, other than sediment, to stormwater runoff:

INSERT TEXT OR USE TABLE BELOW

Table 1. Known Potential Pollutants

Trade Name Material	Potential Known Stormwater Pollutants	Storage Location

1.6 Maps

Include the site maps with the BMP Plan.

SECTION 2: EROSION AND SEDIMENT CONTROL BMPS

2.1 Control Stormwater Volume and Velocity Within Site

<i>Permanent</i>	<i>Temporary</i>
Detailed BMP Description:	
Maintenance:	
Inspection:	
Responsible Staff:	

<i>Permanent</i>	<i>Temporary</i>
Detailed BMP Description:	
Maintenance:	
Inspection:	
Responsible Staff:	

Repeat as needed.

2.2 Minimize Sediment Discharges from Site

<i>Permanent</i>	<i>Temporary</i>
Detailed BMP Description:	
Maintenance:	
Inspection:	
Responsible Staff:	

<i>Permanent</i>	<i>Temporary</i>
Detailed BMP Description:	
Maintenance:	
Inspection:	
Responsible Staff:	

Repeat as needed.

2.3 Minimize the Generation of Dust

<i>Permanent</i>	<i>Temporary</i>
<i>Detailed BMP Description:</i>	
<i>Maintenance:</i>	
<i>Inspection:</i>	
<i>Responsible Staff:</i>	

<i>Permanent</i>	<i>Temporary</i>
<i>Detailed BMP Description:</i>	
<i>Maintenance:</i>	
<i>Inspection:</i>	
<i>Responsible Staff:</i>	

Repeat as needed.

2.4 Minimize All Stream Crossings

<i>Permanent</i>	<i>Temporary</i>
<i>Detailed BMP Description:</i>	
<i>Maintenance:</i>	
<i>Inspection:</i>	
<i>Responsible Staff:</i>	

<i>Permanent</i>	<i>Temporary</i>
<i>Detailed BMP Description:</i>	
<i>Maintenance:</i>	
<i>Inspection:</i>	
<i>Responsible Staff:</i>	

Repeat as needed.

2.5 Establish Stabilized Mining Entrance/Exit Roads

<i>Permanent</i>	<i>Temporary</i>
Detailed BMP Description:	
Maintenance:	
Inspection:	
Responsible Staff:	

<i>Permanent</i>	<i>Temporary</i>
Detailed BMP Description:	
Maintenance:	
Inspection:	
Responsible Staff:	

Repeat as needed.

2.6 Treatment Chemicals

Per *Alabama Handbook for Erosion Control, Sediment Control, and Stormwater Management on Construction Sites and Urban Areas, Volume 2 (Installation, Maintenance, and Inspection), July 2018 for Chemical Stabilization (CHS)*: Site testing for a product should be conducted before application to verify the product performance. Test reports (recommendations) should be supplied to the design professional and contractor before product application. Safety Data Sheets should be added to Appendix I.

<input type="checkbox"/> <i>Permanent</i>	<input type="checkbox"/> <i>Temporary</i>
Detailed BMP Description:	
Maintenance:	
Dosing:	
Application Rates:	
Location:	
Inspection:	
Responsible Staff:	

Repeat as needed.

2.7 Natural Buffers/Additional BMPs

<i>Permanent</i>	<i>Temporary</i>
Detailed BMP Description:	
Maintenance:	
Inspection:	
Responsible Staff:	

<i>Permanent</i>	<i>Temporary</i>
Detailed BMP Description:	
Maintenance:	
Inspection:	
Responsible Staff:	

Repeat as needed.

SECTION 3: GOOD HOUSEKEEPING (GROUNDS KEEPING) BMPS

3.1 Material Handling and Waste Management

<i>Permanent</i>	<i>Temporary</i>
<i>Detailed BMP Description:</i>	
<i>Maintenance:</i>	
<i>Inspection:</i>	
<i>Responsible Staff:</i>	
<i>Detailed BMP Description:</i>	
<i>Maintenance:</i>	
<i>Inspection:</i>	
<i>Responsible Staff:</i>	

Repeat as needed.

3.2 Establish Proper Equipment Lay Down/Staging Areas

<i>Permanent</i>	<i>Temporary</i>
<i>Detailed BMP Description:</i>	
<i>Maintenance:</i>	
<i>Inspection:</i>	
<i>Responsible Staff:</i>	
<i>Detailed BMP Description:</i>	
<i>Maintenance:</i>	
<i>Inspection:</i>	
<i>Responsible Staff:</i>	

Repeat as needed.

3.3 Designate Washout Areas

<i>Permanent</i>	<i>Temporary</i>
<i>Detailed BMP Description:</i>	
<i>Maintenance:</i>	
<i>Inspection:</i>	
<i>Responsible Staff:</i>	

<i>Permanent</i>	<i>Temporary</i>
<i>Detailed BMP Description:</i>	
<i>Maintenance:</i>	
<i>Inspection:</i>	
<i>Responsible Staff:</i>	

Repeat as needed.

3.4 Establish Proper Equipment/Vehicle Fueling and Maintenance Practices

<i>Permanent</i>	<i>Temporary</i>
<i>Detailed BMP Description:</i>	
<i>Maintenance:</i>	
<i>Inspection:</i>	
<i>Responsible Staff:</i>	

<i>Permanent</i>	<i>Temporary</i>
<i>Detailed BMP Description:</i>	
<i>Maintenance:</i>	
<i>Inspection:</i>	
<i>Responsible Staff:</i>	

Repeat as needed.

3.5 Non-Stormwater Discharge Management

Table 2. Non-Stormwater Discharges

Non-Stormwater Discharges	Pollution Prevention Measures

Tab to add additional entries if needed.

3.6 Equipment/Vehicle Washing

<i>Permanent</i>	<i>Temporary</i>
Detailed BMP Description:	
Maintenance:	
Inspection:	
Responsible Staff:	
<i>Permanent</i>	<i>Temporary</i>
Detailed BMP Description:	
Maintenance:	
Inspection:	
Responsible Staff:	

Repeat as needed.

3.7 Spill Prevention, Control, and Management

Insert text here or reference attachment.

3.8 Sediment Removal

Include description(s) and schedule for removal here, or reference attachment.

3.9 Any Additional BMPs

<i>Permanent</i>	<i>Temporary</i>
<i>Detailed BMP Description:</i>	
<i>Maintenance:</i>	
<i>Inspection:</i>	
<i>Responsible Staff:</i>	

<i>Permanent</i>	<i>Temporary</i>
<i>Detailed BMP Description:</i>	
<i>Maintenance:</i>	
<i>Inspection:</i>	
<i>Responsible Staff:</i>	

SECTION 4: INSPECTIONS

4.1 Inspections

- 1. *Inspection Personnel:*** Identify the person(s) who will be responsible for conducting inspections and describe their qualifications:

Weekly Inspections:

Monthly Inspections:

Precipitation Event Inspections:

Comprehensive BMP Plan Evaluation (to be conducted at a minimum of once every 6 months by QCP):

Daily, weekly, and monthly inspections shall be conducted as outlined in the permit.

Inspections must also be conducted according to the permit as a result of a precipitation event or corrective action.

4.2 Corrective Action Log

Corrective Action Log:

INSERT LOG HERE or REFERENCE ATTACHMENT

SECTION 5: RECORDKEEPING AND TRAINING

5.1 Recordkeeping

Records shall be retained for a minimum period of at least 3 years after the permit is terminated.

REFERENCE ATTACHMENT(S)

5.2 Log of Changes to the BMP Plan

Log of changes and updates to the BMP Plan

INSERT LOG HERE or REFERENCE ATTACHMENT

5.3 Training

1. Each individual holding a QCI Certification need not be on-site continuously and they may conduct site inspections at multiple sites permitted by them or their employer.
2. Each individual holding QCI certification shall obtain annual certification of satisfactory completion of formal refresher education or training regarding general erosion controls and sediment controls, the requirements of this permit, and the general operation of a turbidity meter or similar device intended for the measurement of turbidity. The refresher training requirements, including but not limited to, appropriate curricula, course content, course length, and any participant testing, shall be subject to acceptance by the Director prior to use.

Individual(s) Responsible for Training:

INSERT TEXT or TABLE HERE

Describe Training Conducted:

- General stormwater and BMP awareness training for staff and subcontractors:
- Detailed training for staff and subcontractors with specific stormwater responsibilities:

SECTION 6: FINAL STABILIZATION

<i>Permanent</i>	<i>Temporary</i>
<i>Detailed BMP Description:</i>	
<i>Maintenance:</i>	
<i>Inspection:</i>	
<i>Responsible Staff:</i>	

<i>Permanent</i>	<i>Temporary</i>
<i>Detailed BMP Description:</i>	
<i>Maintenance:</i>	
<i>Inspection:</i>	
<i>Responsible Staff:</i>	

<i>Permanent</i>	<i>Temporary</i>
<i>Detailed BMP Description:</i>	
<i>Maintenance:</i>	
<i>Inspection:</i>	
<i>Responsible Staff:</i>	

Repeat as needed.

SECTION 7: CERTIFICATION AND NOTIFICATION

I certify under penalty of law that the technical information and data contained in this application, and a comprehensive Best Management Practices Plan (BMP Plan) 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 and associated regulated areas/activities. The BMP Plan meets the requirements of this permit and if properly implemented and maintained by the permittee, discharges of pollutants in stormwater runoff can reasonably be expected to be effectively minimized to the maximum extent practicable according to the requirements of ADEM Administrative Code Chapter 335-6-6-.23 and this Permit. The permittee has been advised that appropriate best management practices, pollution abatement/prevention facilities and structural & nonstructural management practices or Department approved equivalent management practices as detailed in the BMP Plan must be fully implemented and regularly maintained as needed at the facility in accordance with sound sediment, erosion, and other pollution control practices, permit requirements, and other ADEM requirements to ensure protection of groundwater and surface water quality.

Additionally, all BMPs discussed in this BMP Plan were designed/selected and will be implemented and maintained in accordance with the *Alabama Handbook for Erosion Control, Sediment Control and Stormwater Management on Construction Sites and Urban Areas*.

Name: _____ Title: _____
QCP Designation/Description: _____ Registration/Certification: _____
Address: _____ Phone Number: _____

Signature: _____ Date: _____

BMP Plan APPENDICES

Attach the following documentation to the BMP Plan:

Appendix A – General Location Map Appendix B – Site Maps

Appendix C – NOI and Copy of Permit

Appendix D – Inspection Reports

Appendix E – Corrective Action Log (or in Part 4.2)

Appendix F – BMP Plan Amendment Log (or in Part 5.2)

Appendix G – Additional Information (i.e., Endangered Species, Historic Preservation, and U.S. Corps of Engineers Documentation)

Appendix A – General Location Map

[INSERT MAP HERE]

Appendix B – Site Maps

[INSERT MAPS HERE]

Appendix C – NOI and Copy of Permit

[INSERT DOCUMENTS HERE]

Appendix D – Inspection Reports

[INSERT REPORTS HERE]

