Construction Best Management Practices Plan (CBMPP) Template Instructions

To help you develop the narrative portion of your CBMPP, the Alabama Department of Environmental Management (ADEM) has created an electronic CBMPP template. The template is designed to help guide you through the CBMPP development process and help ensure that your CBMPP addresses all the necessary requirements of the Construction General Permit.

You should use this template (available at https://adem.alabama.gov/sites/default/files/2026-06/2026ADEMWordCBMPPTemplate.pdf) in conjunction with the *Alabama Handbook for Erosion Control, Sediment Control, and Stormwater Management on Construction Sites and Urban Areas, Volume 1 (Design) and Volume 2 (Installation, Maintenance, and Inspection), July 2022*. The Alabama Handbook and other resources are available at 1Erosion&SedimentBluebook - Alabama Soil & Water Conservation Committee

You are required by Part III.F. of the Construction General Permit, ALR100000, (hereinafter, CGP) to develop a CBMPP which reflects the requirements of the permit as well as the conditions at your site. The template is intended to be used as a guide in development of your site's CBMPP.

Include only documents required for the permit coverage request. Copies of the State NDPES permit and any unapproved or draft Notice of Intent (NOI) applications shall not be included in the CBMPP until these documents have been approved and finalized by the Department.

Using the CBMPP Template

Below are instructions for each section of the CBMPP template. You should read the instructions prior to providing information for each section. The template is available in Word format if requested. Please send your request to cswmail@adem.alabama.gov.

The header can be customized to allow you to insert your own company logo. Some sections may require only a brief description while others may require several pages of explanation. Prior to saving and submitting your CBMPP ensure the following items are met:

- Modify this CBMPP template so that it addresses the requirements of the CGP and meets the needs of your project. Consider adding permit citations in the CBMPP when you address a specific permit requirement(s).
- In accordance with Part III.A of the permit, the Permittee is required to implement measures or requirements to achieve the pollutant reductions consistent with a TMDL finalized or approved by EPA. Applicable TMDLs are located and/or can be accessed at http://adem.alabama.gov/programs/water/tmdl.cnt
- In accordance with Part III.A of the permit, sediment control measures, erosion control measures, and other site management practices must be properly selected based on site-specific conditions and must meet or exceed the technical standards outlined in the Alabama Handbook and the site-specific CBMPP prepared in accordance with Part III.F.
- In accordance with Part III.A of the permit, sediment control measures, erosion control measures, and other site management practices are required to be properly selected based on site-specific conditions and installed and maintained to effectively minimize discharges for storm events up to and including a 2-year, 24-hour storm event.
- In accordance with Part III.A of the permit, the Permittee is encouraged to design the site, the erosion prevention measures, sediment controls measures, and other site management practices with

consideration of minimizing stormwater runoff, both during and following construction, including facilitating the use of low-impact development (LID) and green technologies. The Alabama Low Impact Development Handbook for the State of Alabama (LID Handbook) can be found at the following link: http://adem.alabama.gov/programs/water/waterforms/LIDHandbook.pdf

Section 1.1- Project/Site Information- Provide a general description of the construction site activity including the function and identification of all known operators.

- Provide basic site information (i.e., residential, commercial, linear, etc.).

Section 1.2- Contact Information/Responsible Parties:

- List the permittee, project managers, stormwater contact(s), and person or organization that prepared the CBMPP. Indicate respective responsibilities where appropriate.

Section 1.3- Nature and Sequence of Construction Activity - A description of the intended sequence of major activities which disturb soils, including but not limited to, grubbing, excavation, and/or grading. The sequence shall be accomplished in a manner which minimizes the area disturbed at any one time and minimizes the duration that the areas are disturbed. Provide estimates of the total area expected to be disturbed by grubbing, excavation, and/or grading, including offsite borrow and fill areas (if areas are to be included in permit coverage).

Section 1.4- Receiving Waters:

- List the waterbody(s) that would receive stormwater from your site, including streams, rivers, lakes, coastal waters, and wetlands. Describe each as clearly as possible, such as *Mill Creek, an unnamed tributary to Mill Creek, etc.*
- Note any stream crossings, if applicable.
- List the storm sewer system or drainage system that stormwater from your site could discharge to and the waterbody(s) that it will ultimately discharge into.
- If any of the waterbodies above are impaired and/or subject to Total Maximum Daily Loads (TMDLs) for siltation, sedimentation, and/or turbidity, your CBMPP should specifically include all reasonable measures to prevent the discharge of these pollutants. For a list of TMDLs and 303(d) impaired waters see: http://adem.alabama.gov/programs/water/303d.cnt and http://adem.alabama.gov/programs/water/approvedTMDLs.htm.
- If any of the waterbodies are Outstanding Alabama Waters (OAW), Outstanding National Resource Waters (ONRW), or a Treasured Alabama Lake (TAL) your CBMPP should specifically include all reasonable measures to ensure the discharges from your site will not interfere with the waterbody's designated use.
- For a list of OAW waterbodies see: http://adem.alabama.gov/programs/water/waterforms/OAWClassifiedWaters.pdf. For a list of ONRW and TAL waterbody classifications see: https://adem.alabama.gov/sites/default/files/legacyfiles/programs/water/waterforms/SpecialDesignations.pdf.

Section 1.5- Buffer Zone Requirements- Part III. B: Buffer zone requirements apply to all waters of the State adjacent to construction sites or contained within their overall project boundary.

- Explain how the 25-foot or the extended (50 foot for priority construction sites) buffer zone will be maintained or how the sediment load reduction equivalent will be supplemented if the minimum buffer requirement is not feasible.

Section 1.6- Potential Sources of Pollution - Part III. E: The Permittee must design, install, implement, and maintain effective pollution prevention measures to minimize the discharge of pollutants including, but not limited to washout of concrete, paint, stucco, or other compounds/materials and other wash waters.

Section 2- Erosion and Sediment Controls & Construction Stormwater Management- Part III. A: Requires the Permittee to design, install, and maintain effective stormwater controls, erosion controls, and sediment controls appropriate for site conditions.

- Describe the BMPs that will be implemented to minimize pollutants necessary to maintain water quality standards for each major activity identified;
- Clearly describe appropriate control measures;
- Describe the general sequence during the construction process in which the BMP measures will be implemented;
- Describe the maintenance and inspection procedures that will be used for each specific BMP;
- Include protocols, thresholds, and schedules for cleaning, repairing, or replacing damaged or failing BMPs;
- Identify staff responsible for maintaining BMPs; and
- You must submit Safety Data Sheets (SDS) for any chemical treatment, such as polymers or polyacrylamides (PAM), before application.

For all BMPs, you should provide design installation specifications and details. Attach them as appendices to the CBMPP or within the text of the CBMPP.
DO NOT COPY THE ALABAMA HANDBOOK AND ATTACH TO CBMPP.

Categorize each BMP under one of the 11 areas of BMP activity as described below:

2.1 Phase Construction Activity
2.2 Minimize Disturbed Area and Protect Natural Features
2.3 Control Stormwater Volume and Velocity
2.4 Stabilize Soils
2.5 Stabilize Slopes
2.6 Protect Storm Drain Inlets
2.7 Establish Perimeter Controls and Sediment Barriers
2.8 Retain Sediment On-Site
2.9 Establish Stabilized Construction Exits
2.10 Treatment Chemicals
2.11 Dust Suppression
2.12 Construction Dewatering Controls and BMPs
2.13 Additional BMPs

Section 3- Material Storage, Waste Management, and Washout Controls- A description of the procedures for handling and disposing of wastes. Describe applicable construction-related BMPs that will be implemented to control pollutants from entering stormwater. Please consider pollution prevention- ADEM encourages you to exercise pollution prevention practices and alternatives at your facility. Pollution prevention will assist you in complying with permit regulations.

Categorize each applicable construction-related BMP under one of the following seven categories:

3.1 Material Handling and Waste Management
3.2 Establish Proper Material Staging Areas
3.3 Designate Washout Areas
3.4 Establish Proper Equipment/Vehicle Fueling and Maintenance Practices
3.5 Control Equipment/Vehicle Washing
3.6 Spill Prevention, Control, and Management
3.7 Non-Stormwater Discharge Management

Section 4- Post Construction BMPs- A description of the best management practices to be installed during site construction and operated and maintained following final stabilization at sites where the post-construction volumes or velocities of stormwater runoff are significantly different from conditions existing prior to the construction activity.

Examples of post-construction BMPs/LIDS include, but are not limited to, the following (http://adem.alabama.gov/programs/water/waterforms/LIDHandbook.pdf):

- Biofilters
- Bioretention
- Detention/retention devices
- Earth dikes, drainage swales, and lined ditches
- Green roofs
- Infiltration basins
- Porous pavement
- Other proprietary permanent structural BMPs
- Outlet protection/velocity dissipation devices
- Slope protection
- Vegetated strips and/or swales

For any structural BMPs, you should have design specifications and details. Attach them as appendices to the CBMPP or within the text of the CBMPP.

Section 5- Final Stabilization- Final stabilization of disturbed areas must, at a minimum, be initiated immediately whenever any clearing, grading, excavating, or other earth disturbing activities have permanently ceased on any portion of the site.

- **Established vegetation will be considered final if 100% of the soil surface is uniformly covered in permanent vegetation with a density of 85% or greater.**

Section 6- Voluntary Termination- Submit voluntary termination via the Alabama Environmental Permitting and Compliance System: https://aepacs.adem.alabama.gov/nviro/ncore/external/home

Section 7- Certify and sign the CBMPP document.