

AI: 73174



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

RECEIVED  
APR 19 2022  
Dept. of Environmental Quality

# LARGE CONSTRUCTION GENERAL PERMIT FOR LAND DISTURBING ACTIVITIES OF FIVE (5) OR MORE ACRES RE-COVERAGE FORM

FOR COVERAGE UNDER MISSISSIPPI'S REISSUED  
LARGE CONSTRUCTION STORM WATER GENERAL PERMIT MSR10  
GENERAL NPDES COVERAGE NO. MSR10 71629

## INSTRUCTIONS

The submittal of this form is required to receive coverage under the reissued Large Construction General Permit. This form must be completed and returned to the address printed at the bottom of the back page of this form by April 30, 2022.

The signatory of this form must be the owner or operator (prime contractor) who is the current coverage recipient (rather than the project manager or environmental consultant).

If the company seeking coverage is a corporation, a limited liability company, a partnership, or a business trust, attach proof of its registration with the Mississippi Secretary of State and/or its Certificate of Good Standing. This registration or Certificate of Good Standing must be dated within twelve (12) months of the date of the submittal of this coverage form. Permits will be issued in the company name as it is registered with the Mississippi Secretary of State.

Amendments to the Storm Water Pollution Prevention Plan (SWPPP) are required to be attached if the plan is not current or is ineffective in controlling storm water pollutants. SWPPP amendments with the sole intent of incorporating new permit conditions do not need to be submitted to MDEQ for review and/or approval.

If the project is complete and final stabilization has been achieved, please request termination of coverage by completing the Request for Termination (RFT) Form found in the Large Construction Forms Package. Projects that continue to discharge storm water associated with construction activity without applicable permit coverage are in violation of state law.

Do not submit this form if submitting a Request for Termination (RFT) Form.

**ALL INFORMATION REQUESTS MUST BE ANSWERED** (Answer "NA" if not applicable)

## COVERAGE RECIPIENT INFORMATION

CONTACT NAME & POSITION: Stephen Fairley

COMPANY LEGAL NAME: Castlewoods, LLC / Fairley Construction Co. Inc

STREET OR P.O. BOX: 828 Hwy 11

CITY: Petal STATE: MS ZIP: 39465

PHONE NUMBER: (601) 583-3778 E-MAIL: stephen@fairleyconstruction.com

m

**FACILITY SITE INFORMATION**

FACILITY SITE NAME: Castlewoods

CONTACT NAME & POSITION: Stephen Fairley, President

CONTACT PHONE NUMBER: ( 601 ) 583-3778

FACILITY PHYSICAL SITE ADDRESS (IF NOT AVAILABLE INDICATE NEAREST NAMED ROAD):

STREET: Twin Lakes Rd / Castlewood Way

CITY: Petal COUNTY: Forrest ZIP: 39465

PROVIDE THE COORDINATES OF THE PROJECT ENTRANCE OR START POINT:

LATITUDE: 31 degrees 21 minutes 30 seconds LONGITUDE: 89 degrees 11 minutes 47 seconds

LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): Google Earth

TOTAL ACREAGE DISTURBED: 40 ESTIMATED CONSTRUCTION PROJECT END DATE: 2025-03-01  
YYYY-MM-DD

**STORM WATER POLLUTION PREVENTION PLAN (SWPPP)**

THE GENERAL PERMIT REQUIRES THE SWPPP TO BE ONSITE, UP-TO-DATE AND EFFECTIVE IN CONTROLLING STORM WATER POLLUTANTS. ACCORDINGLY, THE FOLLOWING QUESTIONS MUST BE ANSWERED YES or N.A. TO RECEIVE RECOVERY.

- |   |   |                             |
|---|---|-----------------------------|
| 1. IS A COPY OF THE SWPPP AT THE PERMITTED SITE OR LOCALLY AVAILABLE?   | <input checked="" type="checkbox"/> YES         | <input type="checkbox"/> NO |
| 2. DOES SWPPP CONTAIN AN UP-TO-DATE ASSESSMENT OF POTENTIAL STORM WATER POLLUTANT SOURCES AND IDENTIFY BMPS TO EFFECTIVELY CONTROL THEM?                    | <input checked="" type="checkbox"/> YES         | <input type="checkbox"/> NO |
| 3. IF A SEDIMENT BASIN IS A PROJECT BMP, IS IT EQUIPPED WITH AN OUTLET STRUCTURE THAT DISCHARGES <u>ONLY</u> FROM THE SURFACE OF THE BASIN (ACT5, T-6 (A))? | <input checked="" type="checkbox"/> YES or N.A. | <input type="checkbox"/> NO |
| 4. DOES SWPPP PROHIBIT THE DISCHARGES LISTED IN ACT2, T-3 (3) OF THE PERMIT?  | <input checked="" type="checkbox"/> YES         | <input type="checkbox"/> NO |

I certify under penalty of law that this document and all 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 person or persons 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 fines and imprisonment for knowing violations.

I further certify that the project continues as described in the original notice of intent. Also, I certify that I understand when coverage is terminated I am no longer authorized to discharge storm water associated with construction activity under this general permit. I understand that discharging pollutants associated with construction activity to waters of the State without proper permit coverage is in violation of state law.

I am aware of the significant changes in the renewed Large Construction Storm Water General Permit and certify the SWPPP for this project has been modified to incorporate these changes.

Stephen Fairley  
 Signature  
Stephen Fairley  
 Printed Name<sup>1</sup>

4/15/22  
 Date Signed  
President  
 Title

<sup>1</sup>This application for re-coverage shall be signed according to ACT11, T-7 of the General Permit, as follows:

- For a corporation, by a responsible corporate officer.
- For a partnership, by a general partner.
- For a sole proprietorship, by the proprietor.
- For a municipal, state or other public facility, by principal executive officer, mayor, or ranking elected official.

After signing please mail to: Chief, Environmental Permits Division,  
 MS Department of Environmental Quality, Office of Pollution Control  
 P.O. Box 2261  
 Jackson, Mississippi 39225

Electronically: <https://www.mdeq.ms.gov/construction-stormwater/>





# State of Mississippi

TATE REEVES

Governor

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

CHRIS WELLS, EXECUTIVE DIRECTOR

February 28, 2022

Mr. Stephen Fairley  
Castlewoods  
Fairley Construction, 828 Highway 11  
Petal, MS 39465

Dear Mr. Fairley:

Re: Castlewoods  
Letter of Instruction for Large Construction Re-Coverage  
Forrest County

The Permit Board on Environmental Quality has reissued the general permit that authorizes the discharge of storm water associated with construction activity. The Large Construction Storm Water General Permit (MSR10) was reissued on February 4, 2022. This general permit authorizes the discharge of storm water from construction sites that disturb five (5) or more acres by clearing, grading, excavating, or other land-disturbing activities. This permit replaces the previous general permit that expired on December 31, 2021. The permit is reissued for a five-year period that will expire on January 31, 2027.

A regulated activity that was granted coverage under the previous general permit may seek recoveage under the reissued general permit. To remain covered under a valid general permit, the coverage recipient must complete the enclosed "Re-Coverage Form" and send it to the indicated address by April 30, 2022. A re-submittal of the Storm Water Pollution Prevention Plan (SWPPP) is not required, even if amendments must be added to meet new permit conditions. However, amendments to the SWPPP must be submitted with the "Re-Coverage Form" if there has been a change in design which may increase the discharge of pollutants to waters of the State or the current SWPPP proves to be ineffective in controlling storm water pollutants.

Forms to transfer the coverage to a new owner or to terminate the coverage if construction activities are completed and the site has achieved final stabilization can be found at: <https://www.mdeq.ms.gov/construction-stormwater/>.

A new Certificate of Permit Coverage will not be mailed to the coverage recipient. Coverage recipients should access and print their Certificate of Coverage from the MDEQ website. Additional information can be found at: <https://www.mdeq.ms.gov/construction-stormwater/>. If a coverage recipient does not have access to the internet, MDEQ will mail a certificate of coverage only upon request. Please keep a copy of the signed and completed "Re-Coverage Form" as proof of coverage until the certificate of coverage can be obtained. The Large Construction Storm Water General Permit and associated forms are available on MDEQ's website at: <https://www.mdeq.ms.gov/construction-stormwater/>.

If you do not have access to the internet or require additional assistance, please contact personnel in the 401/Stormwater Branch at (601) 961-5171.

Sincerely,

A handwritten signature in cursive script that reads "Florance Bass".

Florance Bass, P.E., BCEE  
Environmental Permits Division

Enclosures  
73176 GNP20220001



THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 311

1. A particle of mass  $m$  moves in a circular path of radius  $r$  with constant angular velocity  $\omega$ . The angular displacement is  $\theta = \omega t$ . The position vector is  $\mathbf{r} = r(\cos\theta \mathbf{i} + \sin\theta \mathbf{j})$ . The velocity is  $\mathbf{v} = \dot{\mathbf{r}} = r\omega(-\sin\theta \mathbf{i} + \cos\theta \mathbf{j})$ . The acceleration is  $\mathbf{a} = \dot{\mathbf{v}} = -r\omega^2(\cos\theta \mathbf{i} + \sin\theta \mathbf{j}) = -\omega^2 \mathbf{r}$ . The magnitude of the acceleration is  $a = r\omega^2$ .

2. A particle moves in a straight line with constant acceleration  $a$ . The initial velocity is  $v_0$  and the initial position is  $x_0$ . The velocity is  $v = v_0 + at$ . The position is  $x = x_0 + v_0 t + \frac{1}{2}at^2$ . The displacement is  $\Delta x = v_0 t + \frac{1}{2}at^2$ .

3. A particle moves in a circular path with constant speed  $v$ . The angular displacement is  $\theta = \omega t$ . The position vector is  $\mathbf{r} = r(\cos\theta \mathbf{i} + \sin\theta \mathbf{j})$ . The velocity is  $\mathbf{v} = v(-\sin\theta \mathbf{i} + \cos\theta \mathbf{j})$ . The acceleration is  $\mathbf{a} = -\frac{v^2}{r}(\cos\theta \mathbf{i} + \sin\theta \mathbf{j}) = -\frac{v^2}{r} \hat{\mathbf{r}}$ .

4. A particle moves in a straight line with constant acceleration  $a$ . The initial velocity is  $v_0$  and the initial position is  $x_0$ . The velocity is  $v = v_0 + at$ . The position is  $x = x_0 + v_0 t + \frac{1}{2}at^2$ . The displacement is  $\Delta x = v_0 t + \frac{1}{2}at^2$ .

5. A particle moves in a circular path with constant speed  $v$ . The angular displacement is  $\theta = \omega t$ . The position vector is  $\mathbf{r} = r(\cos\theta \mathbf{i} + \sin\theta \mathbf{j})$ . The velocity is  $\mathbf{v} = v(-\sin\theta \mathbf{i} + \cos\theta \mathbf{j})$ . The acceleration is  $\mathbf{a} = -\frac{v^2}{r}(\cos\theta \mathbf{i} + \sin\theta \mathbf{j}) = -\frac{v^2}{r} \hat{\mathbf{r}}$ .

6. A particle moves in a straight line with constant acceleration  $a$ . The initial velocity is  $v_0$  and the initial position is  $x_0$ . The velocity is  $v = v_0 + at$ . The position is  $x = x_0 + v_0 t + \frac{1}{2}at^2$ . The displacement is  $\Delta x = v_0 t + \frac{1}{2}at^2$ .

7. A particle moves in a circular path with constant speed  $v$ . The angular displacement is  $\theta = \omega t$ . The position vector is  $\mathbf{r} = r(\cos\theta \mathbf{i} + \sin\theta \mathbf{j})$ . The velocity is  $\mathbf{v} = v(-\sin\theta \mathbf{i} + \cos\theta \mathbf{j})$ . The acceleration is  $\mathbf{a} = -\frac{v^2}{r}(\cos\theta \mathbf{i} + \sin\theta \mathbf{j}) = -\frac{v^2}{r} \hat{\mathbf{r}}$ .

8. A particle moves in a straight line with constant acceleration  $a$ . The initial velocity is  $v_0$  and the initial position is  $x_0$ . The velocity is  $v = v_0 + at$ . The position is  $x = x_0 + v_0 t + \frac{1}{2}at^2$ . The displacement is  $\Delta x = v_0 t + \frac{1}{2}at^2$ .