

A1:3019

MSR10 8483

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: OWNER PRIME CONTRACTOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Randy Wrigley
 OWNER COMPANY LEGAL NAME: Randall Corp. of MS
 OWNER STREET OR P.O. BOX: P. O. Box 930
 OWNER CITY: Ocean Springs STATE: MS ZIP: 39566
 OWNER PHONE #: (228) 324-4453 OWNER EMAIL: randywrigley@aol.com

PRIME CONTRACTOR CONTACT INFORMATION

PRIME CONTRACTOR CONTACT PERSON: TBD
 PRIME CONTRACTOR COMPANY LEGAL NAME: _____
 PRIME CONTRACTOR STREET OR P.O. BOX: _____
 PRIME CONTRACTOR CITY: _____ STATE: _____ ZIP: _____
 PRIME CONTRACTOR PHONE #: (____) _____ PRIME CONTRACTOR EMAIL: _____

FACILITY SITE INFORMATION

FACILITY SITE NAME: The Reserve at Carr Bridge Subdivision, Phases 1 & 4
 FACILITY SITE ADDRESS (If the physical address is not available, please indicate the nearest named road. For linear projects indicate the beginning of the project and identify all counties the project traverses.)
 STREET: S Carr Bridge Road
 CITY: Biloxi STATE: MS COUNTY: Harrison ZIP: 39532
 FACILITY SITE TRIBAL LAND ID (N/A If not applicable): n/a
 LATITUDE: 30 degrees 33 minutes 8.1 seconds LONGITUDE: 88 degrees 59 minutes 42.0 seconds
 LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): Google Earth
 TOTAL ACREAGE THAT WILL BE DISTURBED ¹: 50 acres
 IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT? YES NO
 IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: The Reserve at Carr Bridge
 AND PERMIT COVERAGE NUMBER: MSR107792
 ESTIMATED CONSTRUCTION PROJECT START DATE: 2022-06-01
 YYYYY-MM-DD
 ESTIMATED CONSTRUCTION PROJECT END DATE: 2024-06-31
 YYYYY-MM-DD
 DESCRIPTION OF CONSTRUCTION ACTIVITY: Single-family residential subdivision
 PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:
Single-family residential subdivision
 SIC Code 1 6 0 0 NAICS Code 2 3 7

Received via email 4.21.22

NEAREST NAMED RECEIVING STREAM: Hog Branch to Tuxachanie Creek

IS RECEIVING STREAM ON MISSISSIPPI'S 303(d) LIST OF IMPAIRED WATER BODIES? (The 303(d) list of impaired waters and TMDL stream segments may be found on MDEQ's web site: http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section) YES NO

HAS A TMDL BEEN ESTABLISHED FOR THE RECEIVING STREAM SEGMENT? YES NO

ARE THERE RECREATIONAL STREAMS, PRIVATE/PUBLIC PONDS OR LAKES WITHIN 1/2 MILE DOWNSTREAM OF PROJECT BOUNDARY THAT MAY BE IMPACTED BY THE CONSTRUCTION ACTIVITY? YES NO

EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPPP):
sandy clay

WILL FLOCCULANTS BE USED TO TREAT TURBIDITY IN STORM WATER? YES NO

IF YES, INDICATE THE TYPE OF FLOCCULANT. ANIONIC POLYACRYLAMIDE (PAM)
 OTHER _____

IF YES, DOES THE SWPPP DESCRIBE THE METHOD OF INTRODUCTION, THE LOCATION OF INTRODUCTION AND THE LOCATION OF WHERE FLOCCULATED MATERIAL WILL SETTLE? YES NO

¹Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft² per lot (entire lot, if smaller) shall be included in calculating acreage disturbed.

DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS

COVERAGE UNDER THIS PERMIT WILL NOT BE GRANTED UNTIL ALL OTHER REQUIRED MDEQ PERMITS AND APPROVALS ARE SATISFACTORILY ADDRESSED

IS LCNOI FOR A FACILITY THAT WILL REQUIRE OTHER PERMITS?

YES NO

IF YES, CHECK ALL THAT APPLY: AIR HAZARDOUS WASTE PRETREATMENT
 WATER STATE OPERATING INDIVIDUAL NPDES OTHER: COE Wetlands Permit

IS THE PROJECT REROUTING, FILLING OR CROSSING A WATER CONVEYANCE OF ANY KIND? (If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for permitting requirements.) YES NO

IF THE PROJECT REQUIRES A CORPS OF ENGINEER SECTION 404 PERMIT, PROVIDE APPROPRIATE DOCUMENTATION THAT:

- The project has been approved by individual permit, or
- The work will be covered by a nationwide permit and NO NOTIFICATION to the Corps is required, or
- The work will be covered by a nationwide or general permit and NOTIFICATION to the Corps is required

IS A LAKE REQUIRING THE CONSTRUCTION OF A DAM BEING PROPOSED? YES NO
(If yes, provide appropriate approval documentation from MDEQ Office of Land and Water, Dam Safety.)

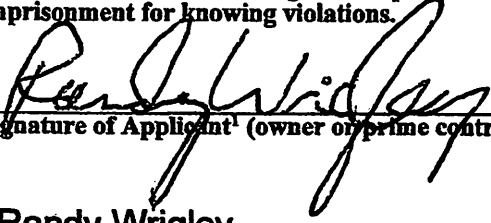
IF THE PROJECT IS A SUBDIVISION OR A COMMERCIAL DEVELOPMENT, HOW WILL SANITARY SEWAGE BE DISPOSED? Check one of the following and attach the pertinent documents.

- Existing Municipal or Commercial System. Please attach plans and specifications for the collection system and the associated "Information Regarding Proposed Wastewater Projects" form or approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties. If the plans and specifications can not be provided at the time of LCNOI submittal, MDEQ will accept written acknowledgement from official(s) responsible for wastewater collection and treatment that the flows generated from the proposed project can and will be transported and treated properly. The letter must include the estimated flow.
- Collection and Treatment System will be Constructed. Please attach a copy of the cover of the NPDES discharge permit from MDEQ or indicate the date the application was submitted to MDEQ (Date: _____.)
- Individual Onsite Wastewater Disposal Systems for Subdivisions Less than 35 Lots. Please attach a copy of the Letter of General Acceptance from the Mississippi State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.
- Individual Onsite Wastewater Disposal Systems for Subdivisions Greater than 35 Lots. A determination of the feasibility of installing a central sewage collection and treatment system must be made by MDEQ. A copy of the response from MDEQ concerning the feasibility study must be attached. If a central collection and wastewater system is not feasible, then please attach a copy of the Letter of General Acceptance from the State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.

INDICATE ANY LOCAL STORM WATER ORDINANCE WITH WHICH THE PROJECT MUST COMPLY:

n/a

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 fine and imprisonment for knowing violations.


Signature of Applicant¹ (owner or prime contractor)

Randy Wrigley
Printed Name¹

3/25/2022
Date Signed

Owner
Title

¹This application shall be signed 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

Please submit the LCNOI form to:

Chief, Environmental Permits Division
MS Department of Environmental Quality, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225

PRIME CONTRACTOR CERTIFICATION

LARGE CONSTRUCTION GENERAL PERMIT

Coverage No. MSR10 _____ County Harrison
(Fill in your Certificate of Coverage Number and County)



By completing and submitting this form to MDEQ, the prime contractor is certifying that (1) they have operational control over the erosion and sediment control specifications (including the ability to make modifications to such specifications) or (2) they have day-to-day operational control of those activities at the site necessary to ensure compliance with the SWPPP and applicable permit conditions.

The owner(s) of the property and the prime contractor associated with regulated construction activity on the property have joint and severable responsibility for compliance with the permit. Notwithstanding any permit condition to the contrary, the coverage recipient and any person who causes pollution of waters of the state or places waste in a location where they are likely to cause pollution of any waters of the state shall remain responsible under applicable federal and state laws and regulations and applicable permits.

PRIME CONTRACTOR INFORMATION

PRIME CONTRACTOR CONTACT PERSON: TBD PHONE NUMBER: () _____
PRIME CONTRACTOR COMPANY: _____
PRIME CONTRACTOR STREET (P.O. BOX): _____
PRIME CONTRACTOR CITY: _____ STATE: _____ ZIP: _____
E-MAIL ADDRESS: _____

OWNER INFORMATION

OWNER CONTACT PERSON: _____ PHONE NUMBER: () _____
OWNER COMPANY NAME: _____

PROJECT INFORMATION

PROJECT NAME: The Reserve at Carr Bridge Subdivision
DESCRIPTION OF CONSTRUCTION ACTIVITY: Single-family residential subdivision
PHYSICAL SITE ADDRESS (If the physical address is not available indicate the nearest named road. For linear projects, indicate the beginning of the project and identify all counties the project traverses.)
STREET: S Carr Bridge Road
CITY: Biloxi COUNTY: Harrison

I certify that I am the prime contractor for this project and will comply with all the requirements in the above referenced general NPDES permit. I further 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 fine and imprisonment for knowing violations.

Prime Contractor Signature¹

Date Signed

Printed Name¹

Title

- ¹This application shall be signed 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.

This Prime Contractors Certification form shall be submitted to:
Chief, Environmental Permits Division
MS Department of Environmental Quality, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225



March 25, 2022

Carrie Barefoot, P.E.
Mississippi Office Of Pollution Control
Municipal Permit Compliance Section
P.O. Box 2261
Jackson, MS 39225-2261

Re: The Preserve at Carr Bridge, Phases 1 & 4
Harrison County
COE No. SAM-2019-00956-MLF
WQC No. WQC2022008

Gentlemen:

This is in response to your comment letter dated March 24, 2022, and to provide supporting documentation for purposes of securing MDEQ Water Quality Certification for the above referenced. Enclosed for reference is one (1) set of the drainage construction plans of the above referenced which includes the post-construction elevations, design grades and outfall structure details along with the drainage analysis, detention basin calculations, run-off rates and return time calculations in Appendix A of the detention basin calculations. While the numerous grass swales incorporated into the design of the project will certainly function to enhance the quality of the surface drainage run-off, the primary source of treatment are the oversized detention basins.

The detention basins are sized based on an average estimated 3,500 sf of impervious surface area per lot. Note that the basin volumes well exceed the minimum required volume for the first 1 1/2" rain as seen in the attached Detention Basin Geometrics Table. Additionally, Appendix A of the detention basin calculations shows that the outfall structures drain half of the first 1 1/2" volume within 48 to 72 hours with no more than half the volume being discharged within 48 hours.

The construction plans have been carefully designed to incorporate measures to minimize potential secondary impacts to the avoided wetlands. The construction plans provide, to the maximum extent practicable, for virtually all preserved non-impacted wetlands to be situated outside of the individual privately owned lots. Significant portions, if not all, of the preserved wetland areas will be designated as 'common areas' and dedicated as 'drainage easements' to the local municipality. This simple but sure solution should virtually eliminate any potential 'meddling' with wetlands that could eventually result in adversely affecting the quantity of surface drainage in the avoided wetlands and, hence, maintain the integrity of the surface and subsurface hydrology of the

avoided wetlands.

The potential of individual lot owners causing secondary impacts to the avoided wetlands is only associated with a small portion of the lots in the proposed development. Certain mechanisms will be implemented in an effort to prevent the individual owners of these lots from potentially causing secondary impacts to the avoided wetlands. These consist of specifying in the covenants of the Home Owners Association that areas of avoided and preserved wetlands are to remain undisturbed and providing physical demarcation on the ground not only in the form of property corners and fencing but also with the installation of 'Warning Wetlands' placards to be placed along the edge of the avoided wetlands.

Centralized water and wastewater utility service is being provided by the Harrison County Utility Authority (HCUA). Additionally, the utility infrastructure installed for this project will be owned, operated and maintained by the HCUA, perpetually. A copy of the 'Will Serve' letter is also attached for your records.

Finally, submitted as an attachment hereto is the Large Construction Notice of Intent (LCNOI) Form for review and approval to procure the necessary Large Construction Storm Water General Permit (NPDES Permit MSR10) approval.

Thank you for your assistance in this matter and please let us know if you have any additional questions or if any additional information is needed.

Yours very truly,

A handwritten signature in black ink, appearing to read "Dennis Stieffel", written in a cursive style.

Dennis Stieffel, P.E.
President



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY (MDEQ)
Large Construction Storm Water General Permit
NPDES Permit MSR10**

LARGE CONSTRUCTION FORMS PACKAGE

- LARGE CONSTRUCTION NOTICE OF INTENT (LCNOI) FORM..... 2
- PRIME CONTRACTOR CERTIFICATION FORM..... 7
- REGISTRATION FORM FOR RESIDENTIAL LOT COVERAGE..... 8
- SITE INSPECTION AND CERTIFICATION FORM..... 12
- MAJOR MODIFICATION FORM..... 13
- REQUEST FOR TRANSFER OF PERMIT, GENERAL PERMIT COVERAGE AND/OR NAME CHANGE 14
- INSPECTION SUSPENSION FORM..... 16
- REQUEST FOR TERMINATION OF COVERAGE 17

These standard forms are used to apply for permit coverage under the Large Construction Storm Water General Permit and for submittals and record keeping required by permit conditions after coverage has been granted. The forms are on our website at www.deq.state.ms.us/MDEQ.nsf/page/epd_epdgeneral. Required information can be completed on screen, printed and signed.



MISSISSIPPI DEPARTMENT OF
ENVIRONMENTAL QUALITY

LARGE CONSTRUCTION NOTICE OF INTENT (LCNOI) FOR COVERAGE UNDER THE LARGE CONSTRUCTION STORM WATER GENERAL NPDES PERMIT

INSTRUCTIONS

The Large Construction Notice of Intent (LCNOI) is for coverage under the Large Construction General Permit for land disturbing activities of five (5) acres or greater; or for land disturbing activities, which are part of a larger common plan of development or sale that are initially less than five (5) acres but will ultimately disturb five (5) or more acres. Applicant must be the owner or operator. For construction activities, the operator is typically the prime contractor. The owner(s) of the property and the prime contractor associated with regulated construction activity on the property have joint and severable responsibility for compliance with the Large Construction Storm Water General Permit MSR10.

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. Coverage will be issued in the company name as it is registered with the Mississippi Secretary of State.

Completed LCNOIs should be filed at least thirty (30) days prior to the commencement of construction. Discharge of storm water from large construction activities without written notification of coverage is a violation of state law.

Submittals with this LCNOI must include:

- A site-specific Storm Water Pollution Prevention Plan (SWPPP) developed in accordance with ACT5 of the General Permit
- A detailed site-specific scaled drawing showing the property layout and the features outlined in ACT5 of the General Permit
- A United States Geological Survey (USGS) quadrangle map or photocopy, extending at least one-half mile beyond the facility property boundaries with the site location and outfalls outlined or highlighted. The name of the quadrangle map must be shown on all copies. Quadrangle maps can be obtained from the MDEQ, Office of Geology at 601-961-5523.

Additional submittals may include the following, if applicable:

- Appropriate Section 404 documentation from U.S. Army Corps of Engineers
- Appropriate documentation concerning future disposal of sanitary sewage and sewage collection system construction
- Appropriate documentation from the MDEQ Office of Land & Water concerning dam construction and low flow requirements
- Approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties

ALL QUESTIONS MUST BE ANSWERED (Answer "NA" if the question is not applicable)