

**STORM WATER POLLUTION
PREVENTION PLAN**

FOR

***Maison Bleu Subdivision
Phase II***

Prepared for

Mississippi Department of Environmental Quality

Prepared by

ALFORD AND ASSOCIATES
CONSULTING ENGINEERS

May 2024

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1.0 SITE INFORMATION

This Storm Water Pollution Prevention Plan (SWPPP) has been prepared to obtain a *State of Mississippi Stormwater Construction General Permit* for use during the construction of a proposed residential subdivision in Ridgeland, Mississippi. The site is located on East Jackson St, near the intersection of E. Jackson St. and Hwy 51. The project will be located in the SE ¼ of Section 19, T7N, R2E Ridgeland, Mississippi. The development will involve general grading and excavation for construction of streets, water, sewer and drainage. The total acreage of the property is 16.6 acres. Approximately 8.0 acres will be disturbed during this construction of Phase II. It is anticipated that construction will begin summer 2024. Completion is estimated December 2025. A copy of this SWPPP shall remain at the permitted Site throughout construction activities.

2.0 VEGETATIVE CONTROLS

Vegetative controls will be implemented to preserve existing trees and other vegetation along property lines where possible. All excavated areas will be seeded with a permanent cover of perennial grasses after completion of construction. Depending on the time of year, if a permanent vegetative cover may not be suited for seeding, then a temporary cover (annual grasses) may be seeded to protect disturbed areas from erosion until a permanent cover can be applied. Some topsoil may be stockpiled for placement after excavation.

3.0 STRUCTURAL CONTROLS

Silt Fences will be constructed according to the enclosed exhibit. The silt fence will collect sediment and reduce storm water runoff. An existing detention basin is currently in place as shown on the attached drawing. Storm water will be transported to this basin by earthen swales and ditches initially, then by storm water piping as development progresses. All proposed inlets will be protected by silt fencing with staked hay bales during construction. The existing U-notch weir overflow structure will allow sediment to settle during construction.

4.0 OTHER CONTROLS

All construction waste materials will be collected and disposed of in proper trash containers. These containers will be placed at convenient locations throughout the site. These containers will be emptied at regular intervals. All equipment maintenance and repair will be performed offsite. Oils, diesel fuel, fertilizers, or any other toxic materials will not be stored onsite. All spills will be cleaned up immediately after discovery and reported to the proper state or local governmental agency.

Portable sanitary facilities will be provided for construction workers. All sanitary waste will be collected as required by local regulation.

5.0 POST CONSTRUCTION CONTROLS

Upon the completion of construction, the remaining unpaved areas will be seeded, sodded or landscaped to establish permanent vegetation. The existing detention basin will be cleaned of all deposited sediment after construction. Riprap will be placed at concentrated storm water discharge points to prevent erosion from high runoff velocities.

6.0 INSPECTIONS

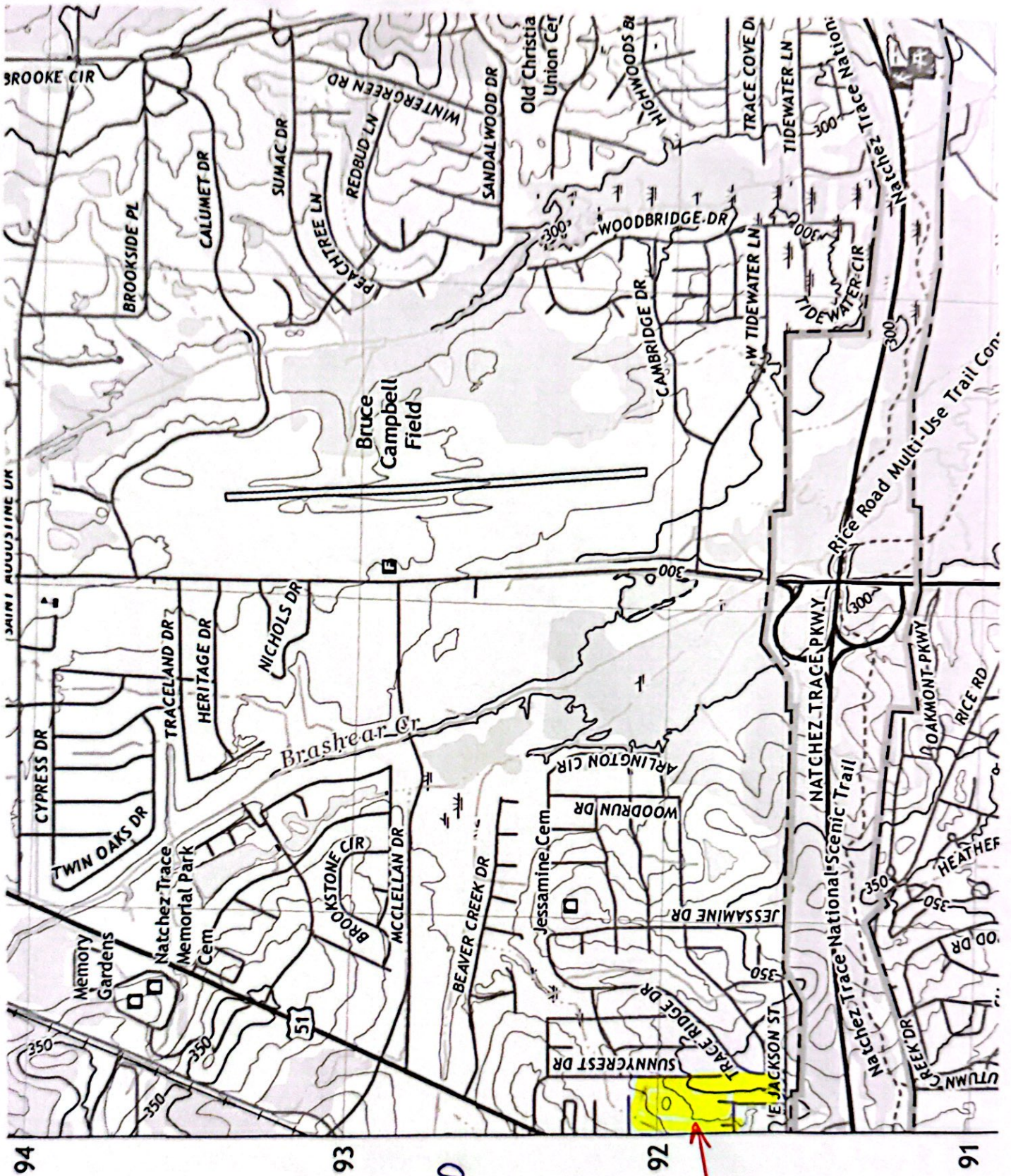
Visual site inspections will be performed once a week at the site. Records of these inspections will be maintained. If any problems are noted during the inspections, corrective actions should be implemented immediately. Any spills or other discharges must be recorded.

7.0 MAINTENANCE PLAN

Proper maintenance practices will be to check all disturbed areas after each rainfall. Inspect all erosion and sediment controls after each rainfall event but not less than once per week. Remove sediment from silt fences when accumulated sediment has reached 50 percent capacity. Replace non-functional silt fences. Maintain all vegetated areas to provide proper ground cover reseed, fertilize, and mulch as needed. Make needed repairs within 24 hours.

8.0 IMPLEMENTATION SEQUENCE

- Build construction entrance
- Construct silt fencing
- Strip topsoil for stockpiling
- Proceed with general construction/grading
- Plant permanent vegetation
- Remove temporary stormwater structures



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N

MADISON MS QUAD

SITE

AI: 63358

MSR109289

Rec'd via email:
05/21/2024



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
- Antidegradation report for disturbance within Waters of the State

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

O.C

APPLICANT IS THE: OWNER PRIME CONTRACTOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Nick Gullette
 OWNER COMPANY LEGAL NAME: MS Developers LLL
 OWNER STREET OR P.O. BOX: 105 Spann Dr
 OWNER CITY: Brandon STATE: MS ZIP: 39047
 OWNER PHONE #: (601) 506 2502 OWNER EMAIL: Nick@MSHomesLLC.com

PREPARER CONTACT INFORMATION

IF NOI WAS PREPARED BY SOMEONE OTHER THAN THE APPLICANT

CONTACT PERSON: Mac Alford
 COMPANY LEGAL NAME: Alford & Associates
 STREET OR P.O. BOX: 7112 S. Siwell Rd., Suite B
 CITY: Byram STATE: MS ZIP: 39272
 PHONE # () 601-506-1854 EMAIL: mac.alford@alford-associates.com

PRIME CONTRACTOR CONTACT INFORMATION

PRIME CONTRACTOR CONTACT PERSON: TBO
 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: Maison Bleu Subdivision, Phase II
 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: E. Jackson St.
 CITY: Ridgeland STATE: MS COUNTY: Madison ZIP: 39157
 FACILITY SITE TRIBAL LAND ID (N/A if not applicable): _____
 LATITUDE: 32 degrees 25 minutes 42 seconds LONGITUDE: 90 degrees 07 minutes 26.5 seconds
 LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): Map Interp.
 TOTAL ACREAGE THAT WILL BE DISTURBED !: 8

IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT? YES NO

IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: _____
 AND PERMIT COVERAGE NUMBER: MSR10 _____

ESTIMATED CONSTRUCTION PROJECT START DATE: 2024-7
 YYYY-MM-DD

ESTIMATED CONSTRUCTION PROJECT END DATE: 2025-12
 YYYY-MM-DD

DESCRIPTION OF CONSTRUCTION ACTIVITY: Grading, Excavation, Street Construction, Utility Construction

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:
Residential SF

SIC Code: _____ NAICS Code _____

NEAREST NAMED RECEIVING STREAM: Brashear 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

FOR WHICH POLLUTANT:

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

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

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?

IS A SDS SHEET INCLUDED FOR THE FLOCCULATE? YES NO

WILL THERE BE A 50 FT BUFFER BETWEEN THE PROJECT DISTURBANCE AND THE WATERS OF THE STATE? YES NO

IF NOT, PROVIDE EQUIVALENT CONTROL MEASURES IN THE SWPPP.

¹ Acreage 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: _____

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 THE PROJECT REROUTING, FILLING OR CROSSING A STATE WATER CONVEYANCE OF ANY KIND? (If yes, please provide an antidegradation report.) YES NO

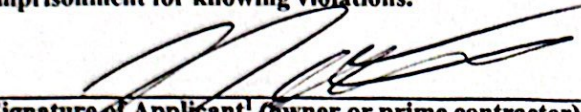
IS A LAKE REQUIRING THE CONSTRUCTION OF A DAM BEING PROPOSED? (If yes, provide appropriate approval documentation from MDEQ Office of Land and Water, Dam Safety.) YES NO

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 (I.E. MS4) WITH WHICH THE PROJECT MUST COMPLY:

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)

5-6-24
Date Signed

Nick Gulth
Printed Name¹

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

Electronically:

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

Revised 3/23/22