

MAJOR MODIFICATION FORM
FOR LARGE CONSTRUCTION GENERAL PERMIT
Coverage No. MSR10 7 3 6 8 County RANKIN



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

INSTRUCTIONS

Coverage recipients shall notify the Mississippi Department of Environmental Quality at least 30 days in advance of the following activities (check all that apply). This form should be submitted with a modified Storm Water Pollution Prevention Plan (SWPPP), updated USGS topographic map, Corps of Engineers Section 404 documentation and wastewater collection and treatment information, as appropriate.

SWPPP details have been developed and are ready for MDEQ review for subsequent phases of an existing, covered project.

"Footprint" identified in the original LCNOI is proposed to be enlarged.

This form must be signed by the current coverage recipient under Mississippi's Large Construction General Permit. A different developer of new phases of existing subdivisions must apply for separate permit coverage through the submittal of a new complete LCNOI package. Coverage recipients are authorized to discharge storm water associated with proposed expansions of existing subdivisions or subsequent phases, under the conditions of the General Permit, only upon receipt of written notification of approval by MDEQ. All other modifications, such as changes of erosion and sediment controls used, must be in accordance with ACT6, S-1 (4) and (5) of the General Permit.

ALL INFORMATION MUST BE COMPLETED (indicate "N/A" where not applicable)

COVERAGE RECIPIENT INFORMATION

COVERAGE RECIPIENT CONTACT NAME: Robbie Pierce TEL # (601) 201-9265

COMPANY NAME: Rankin County Development Group LLC

STREET OR P.O. BOX: 812 Cotton Creek Trail

CITY: Brandon STATE: MS ZIP: 39047

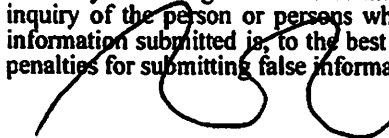
PROJECT INFORMATION

PROJECT NAME: Arbor Landing , Phase 3B & 4

CITY: Brandon (39047) Rankin County

ADDITIONAL ACREAGE TO BE DISTURBED: +/- 2.26 acres TOTAL PROJECT ACREAGE: +/- 32.19 acres

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 (must be signed by coverage recipient)

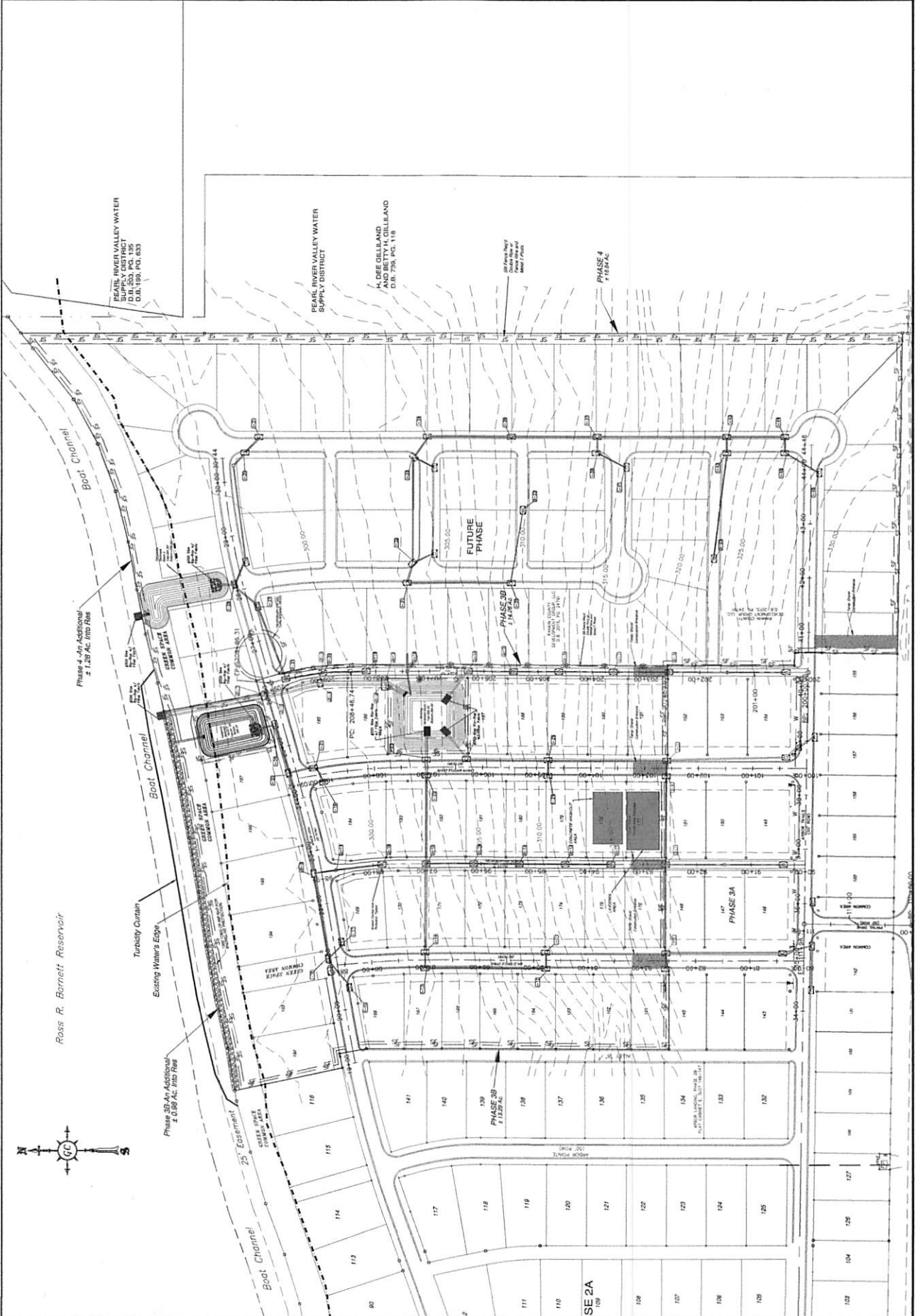
09/27/2021
Date

Robbie Pierce
Printed Name

Owner
Title

Please submit this form to: Chief, Environmental Permits Division
MS Department of Environmental Quality, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225

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toxic materials will not be stored on site. Portable sanitary facilities will be provided for construction workers. Regular collection of waste from trash cans, and regular maintenance of sanitary facilities will be provided. A designated area for concrete chute wash-off will be provided.

Post Construction/Storm Water Management Measures: Wattles will be placed at concentrated storm water discharge points to prevent erosion from high velocities until permanent ground cover is established.

Controls for individual lots in subdivisions and commercial

developments: The coverage holder will be responsible for construction stormwater activities on the individual lots until the time of sale. At the time of sale, the new owner will be responsible for these activities by taking the appropriate action as outlined in the reissued Large Construction General Permit (MSR10).

Implementation Sequence

1/ build gravel construction entrance/exit. 2/ install needed wattles and silt fence. 3/ construct temporary sediment basins. 4/ install turbidity barrier. 5/ rough grade site, construct diversions and drainage ways, stockpile topsoil and install silt fence around stockpile, install culverts with inlet/outlet protection, and level spreader. 6/ plant needed temporary vegetation on disturbed areas. 7/ construct roads. 8/ move turbidity barrier further out into water to place fill material in reservoir 9/ construct pads and place fill material in Ross Barnett Reservoir to reclaim true property line. 10/ construct residential homes/buildings 11/ finish slopes around buildings, roughen slopes and vegetate. 12/ after site stabilization, remove all temporary measures, re-grade and vegetate these areas.

Maintenance Plan

Inspection of all disturbed areas, erosion and sediment controls will be made weekly with a minimum of 4 each month, and after rainfall events that produce a discharge. Make needed repairs within 24 hours. Remove sediment from the inlet protection devices, silt fences, and sediment basins, when accumulated sediment has reached 1/3 to 1/2 the height of the control and 50% capacity of the basin. Replace non-functional silt fences. Maintain all vegetated areas to provide proper ground cover – reseed, fertilize, and mulch as needed.

Arbor Landing, Phase 3B & 4, SWPPP

Site Information

This project includes clearing and grading, construction of streets, storm drain system, sanitary sewer system, and water distribution system for future residential development off of Fannin Landing Circle in Rankin County, Mississippi. This project is located on approximately 14.27 acres (Phase 3B) and 17.92 acres (Phase 4) of land in the Southwest ¼ of the Northwest ¼, and the Northwest ¼ of the Southwest ¼, of Section 29, Township 7 North, Range 3 East, Rankin County, Mississippi. According to the USDA Soil Survey of Rankin County, the majority of soil on site is Falkner silt loam, which is deep, somewhat poorly drained, gently sloping to steep soils on broad ridges and at the base of hillsides on uplands and stream terraces. Natural drainage from the site runs into the Ross Barnett Reservoir. The Ross Barnett Reservoir is not on the 303 (d) list for siltation, turbidity, or habitat alterations; therefore, additional controls that are warranted for a site discharging to listed receiving streams are not required.

Controls

Vegetative Controls: Existing trees will be preserved where possible. All diversions will be seeded and topsoil will be stockpiled for use in landscaping. All 3:1 cut slopes will be roughened by disks prior to seeding. Any disturbed areas that will be left for 14 days or more will be seeded with temporary seeding within seven calendar days. After final grading, all disturbed areas will be seeded with permanent seeding within seven calendar days.

Structural Controls: Upslope waters will be diverted around disturbed areas where possible. All cut slopes will be at or below a 3:1 grade. A gravel construction entrance will be built and any accumulation of mud on vehicle tires will be washed, if needed, during muddy conditions. Double runs of silt fence reinforced with wire fence and wattles, will be used along the project side that borders the Ross Barnett Reservoir. Inlet protection (block and gravel sediment filters) will be installed at all storm drain inlets as shown on the erosion control plans. Riprap will be placed at all culvert outlet aprons. Floating turbidity barrier will be installed along shoreline to contain sediment while construction activities are occurring along the shoreline. The turbidity barrier will be installed in advance of work beginning near the shoreline. The turbidity barrier will be moved as work progresses and conditions require. Temporary sediment basins, equipped with outlet structures that discharge only from the surface of the basin, will be constructed where necessary to adequately contain sediment.

Housekeeping Practices: All equipment maintenance and repair will be done offsite. Trash cans will be placed at convenient locations throughout the site. Potentially

**Storm Water Pollution Prevention Plan
Arbor Landing, Phase 3B & 4**

Rankin County, Mississippi

**Rankin County Development Group
812 Cotton Creek Trail
Brandon, MS 39047**

Submitted By:

**Guest Consultants, Inc.
P.O. Box 1225
Brandon, MS 39043**

(601) 825-8341

September 2021