



STATE OF MISSISSIPPI

PHIL BRYANT
GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

GARY C. RIKARD, EXECUTIVE DIRECTOR

October 23, 2017

Certified Mail No. 7010 3090 0001 4286 6540

Mr. Scott May
S & S Builders of MS, Inc.
540 White Oak Road
Florence, Mississippi 39073

Dear Mr. May:

Re: Speers Crossing, Part V
Rankin County
COE No. MVK2017231
WQC No. WQC2017079

Pursuant to Section 401 of the Federal Water Pollution Control Act (33 U. S. C. 1251, 1341), the Office of Pollution Control (OPC) issues this Certification, after public notice and opportunity for public hearing, to S & S Builders of MS, Inc., an applicant for a Federal License or permit to conduct the following activity:

Speers Crossing, Part V: Construct a residential development that consists of 68 single-family residential lots. The total acreage of the planned development would be approximately 32.17 acres with each lot size with an average of 14,590 square feet. The impacts would include .80 acres of forested wetlands and 100 linear feet of an unnamed intermittent stream. Storm water would be conveyed through the curb and gutter system into two off-line detention basins located within the west and south portions of the property. The proposed detention basins would be managed as wet detention basins. To grant access across the unnamed intermittent stream, one culverted crossing would be constructed. The culverted crossing includes the placement of three 56-foot long by 66-inch diameter reinforced concrete pipes with headwalls. To further stabilize the stream crossing, approximately 94 square feet of 200lb rip rap with filter fabric would be placed on the upstream and downstream opening of the culvert. Mitigation for the unavoidable impacts has been proposed by the purchasing of mitigation credits from an approved mitigation bank. The site is located in Brandon, Rankin County, Mississippi. [MVK2017231, WQC2017079].

The Office of Pollution Control certifies that the above-described activity will be in compliance with the applicable provisions of Sections 301, 302, 303, 306, and 307 of


the Federal Water Pollution Control Act and Section 49-17-29 of the Mississippi Code of 1972, if the applicant complies with the following conditions:

1. The development shall connect to an Office of Pollution Control approved wastewater collection and treatment system. **No construction shall begin until all wastewater approvals are obtained.**
2. All fill material and excavation areas shall have side slopes of at least 3:1 (horizontal: vertical) and shall be immediately seeded, stabilized and maintained.
3. Appropriate best management practices (BMPs) shall be properly installed and maintained to prevent the movement of sediment off-site and into adjacent drainage areas and/or waters. Special care shall be taken to prevent the movement of sediment into adjacent wetland areas. In the event of any BMP failure, corrective actions shall be taken immediately.
4. For projects with ground disturbances that total five acres or more including clearing, grading, excavating or other construction activities, the applicant shall obtain the necessary coverage under the State of Mississippi's Large Construction Storm Water General NPDES Permit. **No construction activities shall begin until the necessary approvals and /or permits have been obtained.**
5. The final post-construction Stormwater Management Plan, submitted on October 19, 2017 by Blake Alford of Benchmark Engineering & Surveying, LLC on behalf of S & S Builders of MS, Inc. shall be implemented concurrent with project construction and properly maintained.
6. Mitigation for the loss of .80 acres of forested wetlands, and 100 linear feet of intermittent stream, shall be provided by the purchase of mitigation credits from an approved mitigation bank. The purchasing credits must be in accordance with the banking prospectus and should be based upon that required for impacting .80 acres of wetlands, and 100 linear feet of intermittent stream. **Written verification of credit purchase must be provided to the Office of Pollution Control prior to the commencement of any work in the wetland areas.**
7. Turbidity outside the limits of a 750-foot mixing zone shall not exceed the ambient turbidity by more than 50 Nephelometric Turbidity Units.
8. No sewage, oil, refuse, or other pollutants shall be discharged into the watercourse.

The Office of Pollution Control also certifies that there are no limitations under Section 302 nor standards under Sections 306 and 307 of the Federal Water Pollution Control Act which are applicable to the applicant's above-described activity.

This certification is valid for the project as proposed. Any deviations without proper modifications and/or approvals may result in a violation of the 401 Water Quality Certification. If we can be of further assistance, please contact us.

Sincerely,



Krystal Rudolph, P.E., BCEE
Chief, Environmental Permits Division

HMW: JP

cc: Samantha Thompson, U.S. Army Corps of Engineers, Vicksburg District
David Felder, U.S. Fish and Wildlife Service
Molly Martin, Environmental Protection Agency
Clay Cromwell, Headwaters, Incorporated
Blake Alford, Benchmark Engineering & Surveying, LLC