AI 79806

Rec'd Via email 8/5/2022

MSR108844

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)

MSR10 8 8 4 4

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: ☑ **OWNER** ☑ **PRIME CONTRACTOR**

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Bennett Properties, LLC

OWNER COMPANY LEGAL NAME: N/A

OWNER STREET OR P.O. BOX: 5811 Shiloh Forest Dr.

OWNER CITY: Midlowthian **STATE:** TX **ZIP:** 76065

OWNER PHONE #: (228) **OWNER EMAIL:** N/A

PRIME CONTRACTOR CONTACT INFORMATION

PRIME CONTRACTOR CONTACT PERSON: Randy Ellis

PRIME CONTRACTOR COMPANY LEGAL NAME: N/A

PRIME CONTRACTOR STREET OR P.O. BOX: 803 Hwy 90

PRIME CONTRACTOR CITY: Bay St. Louis **STATE:** MS **ZIP:** 39520

PRIME CONTRACTOR PHONE #: (228) **PRIME CONTRACTOR EMAIL:** Randy@ecologicalasset.com

FACILITY SITE INFORMATION

FACILITY SITE NAME: Autumn Lake Subdivision - Phase 1 - 23 Residential Lots

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: South Swan Rd.

CITY: Gulfport STATE: MS COUNTY: Harrison ZIP: 39503

FACILITY SITE TRIBAL LAND ID (N/A If not applicable): N/A

LATITUDE: 30 **degrees** 29 **minutes** 19.9N **seconds** **LONGITUDE:** 89 **degrees** 4 **minutes** 6.9W **seconds**

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

TOTAL ACREAGE THAT WILL BE DISTURBED [1]:

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

IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: Phase 2 (7 Residential Lots)
AND PERMIT COVERAGE NUMBER: MSR10____

ESTIMATED CONSTRUCTION PROJECT START DATE: 10-15-22 (YYYY-MM-DD)

ESTIMATED CONSTRUCTION PROJECT END DATE: 1-15-23 (YYYY-MM-DD)

DESCRIPTION OF CONSTRUCTION ACTIVITY: Clearing,Grubbing,Water/Sewer Install; Sub-Surf. Drainage

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:
23 Lot Residential Subdivision - Phase 1

SIC Code ___ ___ ___ ___ **NAICS Code** _____

NEAREST NAMED RECEIVING STREAM: Biloxi River

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 ½ 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):
Hydric Soil

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

IF YES, INDICATE THE TYPE OF FLOCCULANT.
☐ **ANIONIC POLYACRYLIMIDE (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☐

[1]Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft^2 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 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 WITH WHICH THE PROJECT MUST COMPLY:

Harrison County Stormwater Ordinance

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.

Bridget Johnson

Signature of Applicant[1] (owner or prime contractor)

7/15/22

Date Signed

Bridget Johnson

Printed Name[1]

Member

Title

[1]This 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 _____

(Fill in your Certificate of Coverage Number and County)

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

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: Randy Ellis **PHONE NUMBER:** (228) 216-7450

PRIME CONTRACTOR COMPANY: N/A

PRIME CONTRACTOR STREET (P.O. BOX): 803 Hwy. 90

PRIME CONTRACTOR CITY: Bay St. Louis **STATE:** MS **ZIP:** 39520

E-MAIL ADDRESS: Randy@ecologicalasset.com

OWNER INFORMATION

OWNER CONTACT PERSON: Bridget Johnson **PHONE NUMBER:** (228) 896-6768

OWNER COMPANY NAME: Bennett Properties, LLC

PROJECT INFORMATION

PROJECT NAME: Autumn Lake Subdivision - Phase 1- 23 Lot Residential Subdivision

DESCRIPTION OF CONSTRUCTION ACTIVITY: Clearing, Grubbing, Water/Sewer Installation, Sub-Surface Drainage, and Detention Pond.

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: South Swan Rd.

CITY: Gulfport **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.

Randy Ellis

Prime Contractor Signature[1]

7-15-22

Date Signed

RANDY ELLIS

Printed Name[1]

Title

[1]This 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

Revised: 10/25/16

HEINRICH & ASSOCIATES
RESIDENTIAL & COMMERCIAL DESIGN

August 4, 2022

Mississippi State Department of Environmental Quality
Stormwater Division
515 East Amite Street
Jackson, Mississippi 39201

RE: Request for LCNOI Approval
Autumn Lake Subdivision – Phase 1 – 23 Residential Lots
Gulfport, Harrison County, MS

To Whom It May Concern:

For your review, please find delivered the LCNOI application, construction plans and specifications, SWPPP, and drainage calculations for the above referenced project.

If you have any questions or need any additional information, please contact me at (228) 896-6768.

Sincerely,

Robert Heinrich
Heinrich & Associates

22-009

attachments

Autumn Lake Subdivision – Phase 1

South Swan Rd.
Gulfport, Harrison, Mississippi

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

Prepared for

Bennett Properties
5811 Shiloh Forest Dr.
Midlothian, TX 76065
(228) 896-6768

By:

Terry Moran Engineering
with Heinrich and Associates
1806 23rd. Ave., Ste. B
Gulfport, Mississippi 39501
PH (228) 896-6768

Project No. 22-009

STORMWATER POLLUTION PREVENTION PLAN

Table of Contents

Project Narrative

Project Description

The proposed project consists of a 23 lot residential subdivision in Gulfport, MS (see attached drawings). The proposed project consists of approximately 18.53 +/- acres. Construction of the project will require site clearing, grubbing, utility installation, and roadwork.

Location

The proposed project will be located at South Swan Rd. and Three Rivers Rd., in Gulfport, Harrison County, Mississippi, as shown in the attached exhibits.

Access

There will be one means of access to the subject development off South Swan Rd. as depicted in the drawings.

Planned Work

The proposed project shown will be constructed in one (1) phase. The total development, including neutral ground, is planned to be approximately 18.53 +/- acres.

Soils

Existing sandy soil and hydric soil.

Construction Implementation Sequence

The following construction implementation sequence is planned to minimize the amount of sediment movement on site and sediment loss from the project site. Property line and construction boundary silt fence, silt-protection of the drainage system and double silt fencing along existing sensitive areas such as wetlands, ditches, etc. will be placed during construction to maintain project erosion control. Installation and maintenance of these measures are considered critical for controlling sediment movement at this project site. Activities will not begin until all permits have been obtained and the work is authorized. Construction is expected to take 4 to 6 months, weather permitting. It is important that appropriate construction workers are aware of

the SWPPP and have ready access to it. The owner or prime contractor must inspect and maintain controls, recording damages or deficiencies and corrective measures, and complete monthly inspection reports using the form provided by MDEQ. All non-functioning controls shall be repaired, replaced, or supplemented with functional controls within twenty-four (24) of discovery or as soon as field conditions allow. Changes to correct deficiencies in the SWPPP should also be made as soon as practicable after the inspection. The SWPPP must accurately reflect the site and construction and be corrected if it does not.

Construction Activities Sequence

Major construction activities will be scheduled and carried out in a manner consistent with routine construction practices per approved plans and specifications. The following list provides a general schedule of the events that will occur during construction as well as the sequence in which the events are proposed:

1. Install erosion control measures in areas to be disturbed in accordance with the erosion control plan such as construction entrance and silt fencing
2. Clear and grub the site as per plan
3. Stabilize excavated areas
4. Install underground utilities
5. Construct roadway base and surface courses
6. Plant grass seed and provide permanent stabilization
7. Remove temporary erosion control measures after construction approval

Site Preparation

Prior to actual clearing and grubbing and stripping of any type of construction, a silt fence shall be placed along the perimeter of the development, in particular the down-slope edges of the area being developed and along the any protected wetland boundary if applicable.

Construction Access

Access to the development shall consist of one entrance off South Swan Rd. as shown. This ingress/egress point shall be stabilized with crushed limestone, to a minimum thickness of eight inches (8”). The limestone shall be graded smooth, and maintained in that condition, for the

duration of construction. The area of the limestone surface shall be a minimum of 20 feet wide by 50+/- feet long. Accumulated mud and debris shall be regularly removed from the entrance areas to prevent tracking onto public roads.

Sediment Control Measures

This project will be constructed utilizing associated sediment control measures. Silt fences, hay bales, and energy dissipation devices will be utilized and shall be installed in the following sequence to minimize soil movement and loss off the site:

1) Silt Fence: Silt fence shall be installed according to the manufacturer's recommendations.
    a. Install a single line of silt fence barrier around the project perimeter property lines and install a double line of silt fence along the down slope sides of all environmentally sensitive areas such as delineated wetlands, existing ditches, and waterways, etc. prior to the clearing and grubbing operation.
    b. Silt fence shall be removed no sooner than 30 days after work is completed and established with a good stand of grass vegetation.

Vegetation

Site development will proceed in a planned sequence and every attempt will be made to preserve existing vegetation to reduce erosion. All disturbed sites will be managed and re-vegetated as soon as practicable after final grading. Where applicable, disturbed areas will be stabilized by temporarily seeding, permanent seeding, and/or mulching or by leaving the existing forest floor intact. Contractor shall initiate vegetative stabilization measures whenever any clearing, grading, grubbing, excavating, or other land disturbing activities have temporarily or permanently ceased on any portion of the site and will not resume for a period of fourteen (14) calendar days or more. The appropriate temporary or permanent vegetative practices shall be initiated immediately. For the purposes of this permit, "immediately" is interpreted to mean no later than the next workday. The use of heavy equipment in those areas are to be re-vegetated.

Maintenance Plan

Both the short-term (during construction) and long-term (after construction) maintenance needs are addressed herein.

Short Term (During Construction)

These areas will be seeded in accordance with planting schedule, rate of application, and planting preparation outlined in the MDEQ seeding chart, or shall be lined with an erosion and sediment control blanket or shall be mulched per MDEQ requirements.

All erosion and sediment control practices will be checked for stability and operation following every runoff producing rainfall, but not less than once per week. Any needed repairs and/or replacement shall be made immediately to maintain the performance as designed.

Permanent seeding will be established on disturbed areas. This may include mulching or hydro-seeding. Biodegradable erosion control matting may be used to assist in establishing permanent stabilization on steep slopes.

Sediment shall be removed from the upstream side of the silt fence when it accumulates to approximately six inches (6") deep at the fence. The silt fence shall then be replaced as necessary to maintain a continuous barrier.

All vegetated areas will be fertilized, and re-vegetated as necessary to maintain a dense plant establishment.

Certain structural erosion control measures shall be implemented as necessary. The measures include diverting flows from exposed soils and/or otherwise limiting runoff from exposed areas. Other structural methods will include silt fence, earth dikes, drainage swales, outlet protection, and equivalent sediment controls.

Silt fencing and a sediment barrier may be utilized to intercept and retain sediment from disturbed areas during construction activities. Silt fencing will consist of synthetic fabric attached to supporting posts and shall be entrenched. Sediment barriers will be constructed of filter fabric, natural stone, concrete rip-rap, or other acceptable materials. These structures will be installed downslope of the disturbed areas or in minor swales or ditch lines that have been constructed the sole purpose of facilitating stormwater drainage. Silt fencing and sediment barriers will not be installed in live streams or in areas where surface flow is anticipated t exceed one (1) cubic foot per second (cfs). These structures will be installed as necessary and will be maintained until

other permanent erosion control methods can be installed. Structures will be cleaned out when it has reached 1/3 to 1/2 height of the control.
Sediment barriers, such as silt fencing, block and gravel, etc., or excavated impoundment areas will be constructed around storm drain inlets located within the project boundaries.

Sediment basins consist of a depression created in the earth suitably located to collect sediment laden surface water to allow settlement of suspended soil partials before storm water is allowed to exit the site. The basin shall include a flat bottom, lined emergency spillway, interior porous baffles, and a floating skimmer. The flat bottom and baffles will spread the flow across the basin and increase deposition of sediment in the basin. The skimmer dewaters the basin from the top of the water column where the water is cleanest and increases the amount of sediment captured. The skimmer also allows the basin to fill and then slowly drain over several days. Structures will be cleaned out when it has reached 50% capacity of the control.

Ditch checks shall consist of straw wattles designed to control concentrated flows of water in a ditch or swale. They are normally constructed in a series spaced such that the top elevation of the downstream wattle is at the same elevation as the ground at the nearest upstream wattle. Ditch checks will slow the flow of water which will help establish vegetation and will also trap sediment.

Wattles may be used to minimize erosion by shortening the slope lengths, reducing water flow velocities and trapping sediment on site. Wattles are made of either weed-free certified straw or excelsior and encased in the UV degradable plastic netting or 100% biodegradable burlap with a standard size of 12” in diameter and 25’ in length, weighting approximately 35#. On slopes, installation should be o the contour with a slight downslope to prevent ponding behind the wattle. Wattles should always be installed in shallow trenches constructed on the contour. Anchoring the wattles is necessary and can be accomplished using 1”x1”x18”-24” wood stakes penetrating through the center of the wattle and in the soil approximately 6”. The frequency of anchoring should be a minimum of 4-5 stakes, equally spaced, per 25’ of the wattle installation.

Long Term

Long Term (After Construction)

All vegetated areas will be maintained in an adequate condition to provide proper ground cover and to reduce to potential for erosion and soil loss, until taken over by the City/County. Where vegetation is lost, the area shall be fertilized, re-mulched and re-seeded as necessary to restore proper ground cover.

In order to ensure the effectiveness of the erosion and sediment control practices incorporated into this erosion control plan, the contractor will regularly inspect and maintain the stormwater control devices referenced above throughout the construction of the project.

As needed, new employees and/or parties responsible for maintaining the site will be informed about the requirements of the Maintenance Plan.

All measures will be maintained in good working order and repaired within 24 hours of any rain event or reported problem. Permanent corrective measures shall be implemented within 5 days of the inspections. If permanent corrective measures cannot be implemented within the time frame provided, the Owner/Contractor shall contact MDEQ. Silt barriers and sediment traps will be inspected for depth of sediment, tears, breaches, and general integrity of a weekly basis. Sediment buildup behind silt barriers and in sediment traps will be removed when it has reached one half of the height of the barrier or one half of the volume of the sediment trap. A maintenance inspection report will be made after each weekly inspection and will be filed and retained on the jobsite by the contractor.

Good Housekeeping

The following good housekeeping practices will be practiced at the site throughout the construction project:

- All onsite materials shall be stored in a neat, orderly manner in their appropriate containers
- Products will be kept in their original containers with the original manufacture’s label
- Manufacturer’s recommendations for the proper use and disposal of materials will be followed
- The site superintendent will inspect the site daily to ensure proper onsite use and disposal of all materials

- The Contractor shall clearly indicate on a site map within the SWPPP a designated area for concrete truck washout. The location shall be approved by the Owner or their authorized representative prior to its usage. The washout area must be in a location that captures the residual concrete and prevents it from migrating to natural or manmade drainage ways and/or to surface waters. It is the responsibility of the Contractor to monitor this area and to ensure that all residual concrete is captured and handled appropriately and/or as directed by the Owner or their authorized representative. During final site cleanup, the Contractor shall remove from the project site all residual concrete produced by the washout operations.

Additional SWPPP Notes and/or Recap

- Contractor shall stockpile topsoil for use in landscaping
- Contractor shall line all proposed swales and detention pond slopes with erosion and sediment control blankets as shown
- Contractor shall roughen all 4:1 cut slopes by disking prior to seeding
- Contractor shall be responsible for seeding with permanent seed any disturbed areas within (see owner for type of landscape to be used)
- All equipment maintenance and repair shall be done in area shown on erosion control plan
- Trash receptacles shall be placed at convenient locations through the site
- The main metal trash collection bin shall be placed near the corner of the construction entrance. Contractor shall coordinate pickup with the County or refuse disposal providers and shall ensure that collection is done with a minimum of once a week. No construction waste sill be burned or buried on the construction site. All hazardous waste materials will be disposed of in the manner specified by the local and/or State regulations. All sanitary waste will be collected from the portable units as required. once the project is completed, all sanitary waste generated on the site will be removed and disposed of properly.
- All spills will be cleaned up immediately!!!
- Spills of toxic or hazardous materials will be reported to the appropriate governmental agency.
- Materials and equipment necessary for spill cleanup will be kept onsite within the material storage area. Equipment and materials will include but not necessarily be

limited to brooms, dustpan, mops, rags, safety equipment, gloves, goggles, absorbent material, sand, sawdust, and plastic/metal trash containers.

- All equipment repair and maintenance shall be done in an area designated on the stormwater management plan or off-site.
- Contractor shall initiate vegetative stabilization measures whenever any clearing, grading, grubbing, excavating, or other land disturbing activities have temporarily or permanently ceased on any portion of the site and will not resume for a period of fourteen (14) calendar days or more. The appropriate temporary or permanent vegetative practices shall be initiated immediately. For the purposes of this permit, "immediately" is interpreted to mean no later than the next workday.
- All non-functioning controls shall be repaired, replaced, or supplemented with functional controls withing twenty-four (24) hours or discovery or as soon as field conditions allow.
- Contractor shall remove any sediment from silt fence, check points, and inlet protection devices whenever sediment is accumulated when it has reached 1/3 to 1/2 height of the control and 50% capacity of the sediment basins. Contractor shall maintain all vegetated areas to provide proper ground cover by reseeding, fertilization, or mulching.
- A temporary office and portable toilet buildings shall be located at the or near the job trailer or lay-down yard and at locations so that no part of the project is more than 1,000 feet from a toilet facility if possible. These structures shall be maintained on a regular schedule by a licensed disposal company.
- The owner's intention is to balance the dirt on the property in order to fill in low areas and to install gravity sewer where possible in order to eliminate a sewer pump station.

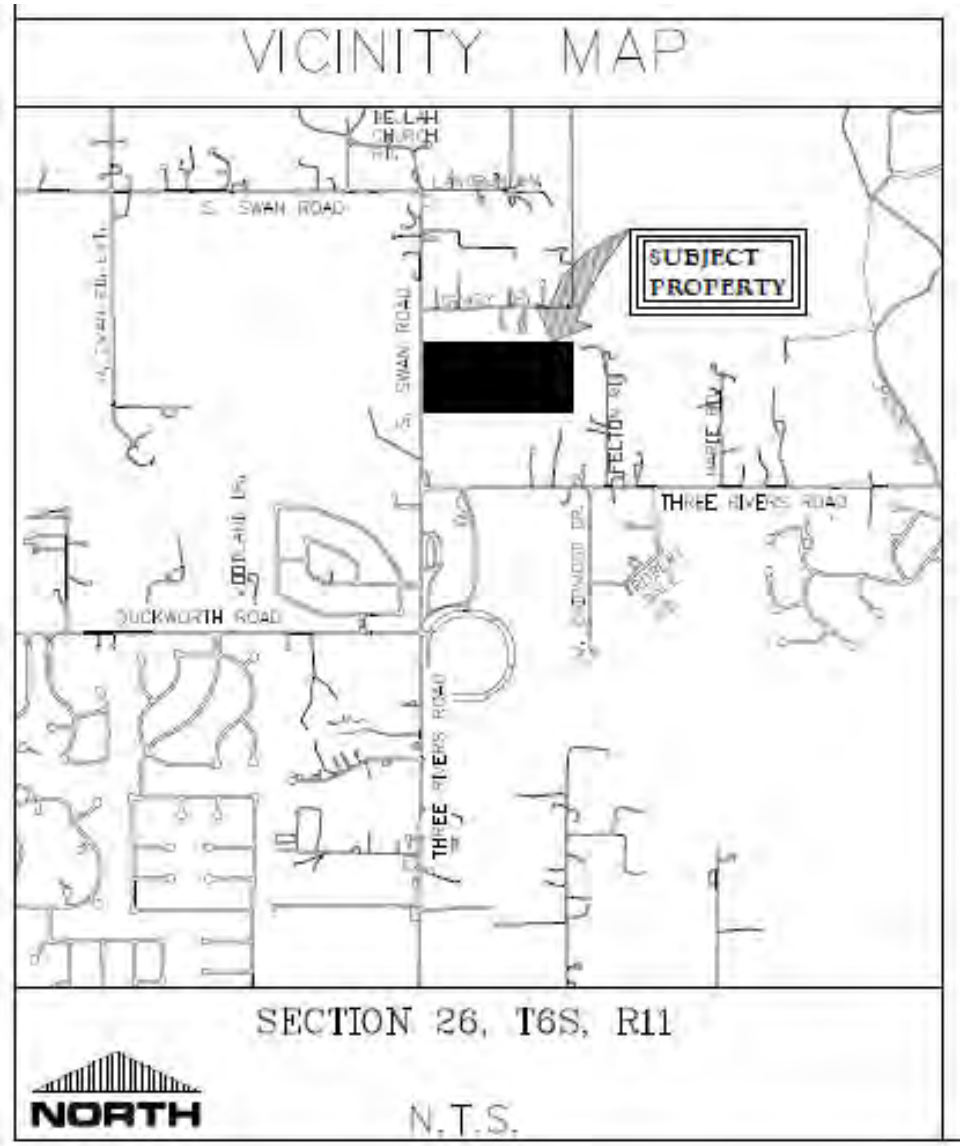
Seeding Chart for the State of Mississippi

SPECIES	SEEDING RATE/ACRE	PLANTING TIME	DESIRED pH RANGE	FERTILIZATION RATE/ACRE	METHOD OF ESTABLISHMENT	ZONE OF ADAPT-ABILITY[1]
Common Bermuda	15 lbs. alone 10 lbs. mixture	311 - 7115 911 - 11/30	6.0 - 7.0	600 lbs. 13-13-13	seed or sod	All
Bahia	40 lbs. alone 30 lbs. mixture	3/1 - 7115 911 - 11130	6.0 - 7.0	600 lbs. 13-13-13	seed	Central South
Fescue	40 lbs. alone 30 lbs. mixture	911 - 11130	6.0 - 7.0	600 lbs. 13-13-13	seed	North Central
Saint Augustine	--	311 - 7115	6.0 - 7.0	600 lbs. 13-13-13	sod only	Central South
Centipede	4 lbs. alone 2.5 lbs. mix	311 - 7115	6.0 - 7.0	600 lbs. 13-13-13	seed or sod	All
Carpet Grass	15 lbs. alone 10 lbs. mixture	311 - 7115	6.0 - 7.0	600 lbs. 13-13-13	seed or sod	All
Oysia Grass	--	3/1 - 7115	6.0 - 7.0	600 lbs. 13-13-13	sod only	All
Creeping Red Fescue	30 lbs. alone 22.5 lbs. mix	911 - 11/30	6.0 - 7.0	600 lbs. 13-13-13	seed	All
Weeping Lovegrass	10 lbs. alone 5 lbs. mix	3/1 - 7/15	6.0 - 7.0	600 lbs. 13-13-13	seed	All
Sericca Lcspedeza	40 lbs.	311 - 7115 911 - 11130	6.0 - 7.0	400 lbs. 6-24-24	seed	All
*Wheat	90 lbs. alone	9/1 - 11130	6.0 - 7.0	600 lbs. 13-13-13	seed	All
Ryegrass	30 lbs.	911 - 11/30	6.0 - 7.0	600 lbs. 13-13-13	seed	All
*White Clover	5 lbs.	9/1 - 11130	6.0 - 7.0	400 lbs. 6-24-24	seed	All
*Crimson Clover	25 lbs. alone 15 lbs. mix	9/1 - 11130	6.0 - 7.0	400 lbs. 6-24-24	seed	All
*Hairy Vetch	30 lbs.	9/1 - 11130	6.0 - 7.0	400 lbs. 6-24-24	seed	All
*Browntop Millet	40 lbs. alone 15 lbs. mix	4/1 - 8/30	6.0 - 7.0	600 lbs. 13-13-13	seed	All

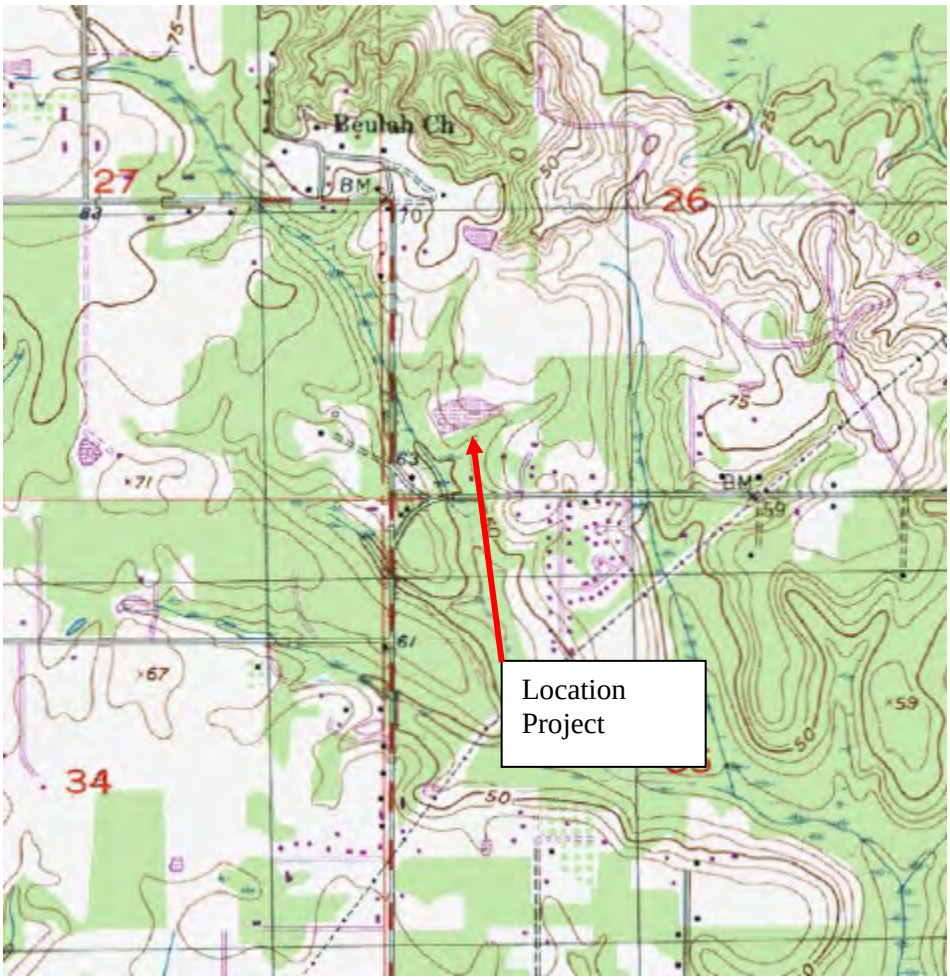
* Annuals. For permanent seeding, annuals can only be used in a mixture with perennials.

Site Location Map

Vicinity Map



USGS 7.5 Minute Quadrangle Map



Erosion Control Plan and Details

(see attached Sediment Control Plan and Details)

Appendix A – Drainage Calculations

See Attached

MISSISSIPPI DEPARTMENT OF
ENVIRONMENTAL QUALITY

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

LARGE CONSTRUCTION FORMS PACKAGE

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.

Revised: 12/06/16

Keep a Copy at the Construction Site and Also Submit this Page to:
Chief, Environmental Permits Division
MS Department of Environmental Quality, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225-2261

Registration Form for Residential Lot Coverage

under Mississippi's Large Construction Storm Water General Permit

INSTRUCTIONS

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Coverage recipients for residential subdivision construction that do not retain responsibility for permit compliance for individual lots are to furnish this Registration to buyers of individual lots at the time of purchase. In addition, the attached Requirements for Individual Lots in Residential Subdivisions, the Site Inspection and Certification Form and the Large Construction Storm Water General Permit shall also be given to buyers of individual lots at the time of purchase. This form is providing notification to buyers of lots in residential developments, that being part of a "larger common plan of development or sale," coverage is required under Mississippi's Large Construction Storm Water General Permit. To comply with the permit, **the Registration Form must be submitted to MDEQ** at the address listed above and a Storm Water Pollution Prevention Plan (SWPPP) must be developed and implemented to reduce pollutants in storm water discharges during construction activity. **The SWPPP is <u>not</u> required to be submitted to MDEQ**. A copy of the SWPPP and Registration Form must be kept at the construction site or locally available (i.e., able to be produced within an hour of being requested by a state or local inspector). See the following attachments for information on SWPPP development. In addition, **a copy of the completed Registration Form(s) must be retained by the developer and submitted to the MDEQ when requesting termination of permit coverage**. If the buyer or homebuilder sells the lot before a house is built, they must provide this form to the new owner. All questions must be answered. Answer "NA" if the question is not applicable. For further information, contact MDEQ at 601/961-5171 or access our website address: www.deq.state.ms.us/MDEQ.nsf/page/epd_epdgeneral.

ORGINAL COVERAGE RECIPIENT NAME: _____

COMPANY NAME: _____

STREET OR P.O. BOX: _____

CITY: _____ **STATE:** _____ **ZIP:** _____

PHONE # (INCLUDE AREA CODE): _____

BUYER / HOMEBUILDER: _____

COMPANY NAME (IF APPROPRIATE): _____

STREET OR P.O. BOX: _____

CITY: _____ **STATE:** _____ **ZIP:** _____

BUYER PHONE # (INCLUDE AREA CODE): _____

RESIDENTIAL SUBDIVISON NAME: _____

LARGE CONSTRUCTION STORM WATER PERMIT COVERAGE NUMBER: MSR10: ___ ___ ___ ___

LOT NUMBER(s) (attach an additional sheet if necessary): _____ **LOT SIZE(s):** _____

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

STREET: _____

CITY: _____ **COUNTY:** _____ **ZIP:** _____

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 persons 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. As a buyer / homebuilder, I further certify that I have read and understand the terms and conditions of Mississippi's Large Construction Storm Water General Permit and that I am responsible for installing and maintaining the appropriate pollution control measures for the purchased lot(s) identified.

Original Coverage Recipient Signature[1] _____ **Date Signed** _____

Printed Name _____ **Title** _____

Buyer / Homebuilder Signature[1] _____ **Date Signed** _____

Printed Name _____ **Title** _____

[1]**This application shall be signed according to ACT11, T-7 of the Large Construction General Permit.**

Revised: 12/12/16

REQUIREMENTS FOR LOTS IN RESIDENTIAL SUBDIVISION WHICH ARE COVERED BY THE LARGE CONSTRUCTION STORM WATER GENERAL PERMIT

As a homebuilder on a lot that is part of a regulated subdivision, you are also regulated under the State's storm water regulations and are required to take steps to keep soil and sediment from leaving the lot. When rain falls on exposed soil it can wash away valuable topsoil. It also carries sediment, nutrients and other pollutants into streets, gutters and ditches, where it then travels to lakes, rivers, streams or wetlands. Polluted runoff can cause excessive growth of aquatic weeds and algae and reduce recreational opportunities such as swimming and fishing. Sediment laden runoff can also destroy fish habitat reducing productive fishing opportunities. In addition, sediment-laden runoff can also clog pipes, ditches, streams and basins resulting in increased flooding and maintenance cost. Therefore, the homebuilder is required to minimize off-site damage from soil erosion, sediment leaving the construction site, and poor "housekeeping" practices. This requirement must be accomplished by developing and implementing a Storm Water Pollution Prevention Plan (SWPPP). Some examples of individual lot SWPPPs are attached for your convenience. Sketch the controls on a copy of your site plan. Narrative notes on the site plan may also be used in addition to the erosion control symbols.

In developing and implementing the SWPPP, controls must be used from each control group (vegetative, structural, housekeeping) to prevent erosion and sediment and other pollutants from leaving the site. Commonly used controls include:

Vegetative Controls

Temporary vegetation includes annual grasses that sprout quickly such as annual rye, browntop millet, oats, and winter wheat. These grow quickly with little care and can protect the soil from rainfall and act as a filter. They will not provide permanent cover. Permanent cover must be established as indicated below. When a disturbed area will be left undisturbed for fourteen (14) days or more, the appropriate temporary or permanent vegetative practices shall be implemented immediately.

Mulching is the placement of hay grass, woodchips, straw, or synthetic material on the soil to provide temporary cover to protect the soil from rain. Mulching may be the only option during the winter when seeding or sodding is not possible. Mulch must stay in place to be effective. Netting, stakes or chemical binders are used to anchor some types of mulch. Be sure to reinstall washed-out mulch and anchor if necessary until permanent cover is established.

Permanent stabilization is the establishment of a permanent vegetative cover on disturbed areas using either sod, perennial seed, trees or shrubs. When a disturbed area will be left undisturbed for fourteen (14) days or more, the appropriate temporary or permanent vegetative practices shall be implemented immediately. Silt fences, and other temporary measures must be removed following permanent stabilization.

Vegetative buffer zones are undisturbed or planted vegetated areas that are between construction activities and water bodies.

Structural Controls

Silt fences are temporary sediment barriers made of filter fabric buried at the bottom, stretched, and supported by stakes. The silt fence slows runoff and allows it to puddle or pond, so soil and sediment can settle out before leaving the site. The bottom eight to twelve inches of fence must either be sliced in or buried in a trench about four to six inches deep by four to six inches wide. **Silt fences that are not buried are improperly installed. They have no useful function, are a waste of money, and may result in enforcement action**. Stakes must be on the downstream side of the fence and spaced about 3 feet apart. Silt fence must not be installed across streams, ditches, waterways, or other concentrated flow areas. Place fences on the contour or perpendicular to the slope of the hill so that water and sediment will pond behind the fence. **Turn ends uphill** to prevent water going around the end. Install on the downslope, downhill, downstream, or low side of your lot. Keep the fence/barrier in place until grass is established.

Slope drains are piping or lined channels that carry storm water downslope without erosion. A good example would be a downspout extender. Extenders may be used to protect temporarily stabilized areas from roof runoff. Extenders can direct water from roof gutters to paved or grassed areas. Remove extenders following permanent stabilization.

Construction entrance/exits are stone stabilized site entrances which reduce sediment tracked onto public roads. Apply gravel or crushed rock to the driveway area and restrict traffic to this one route. Use 3 to 6 inch gravel over a geotextile fabric. At the end of each day sweep or scrape up any soil tracked onto the street. Limit "standard" vehicle access (including workers' vehicles) to only streets and roads, keep vehicles off of future yard areas; limit tracking of mud onto streets by requiring any required vehicles to use designated access drives. Streets are conduits for storm water, it is important to keep mud and sediment off the streets.

Stockpiles of sand or soil should be covered with plastic or tarps at the end of each workday, or surrounded with silt fence or haybales. Do not locate a stockpile near a street, storm drain inlet, or ditch.

Erosion control blankets or mats are machine-produced mats of straw or other fibers held together with netting that provide temporary or permanent stabilization in critical areas, such as slopes or channels, so that vegetation may be established.

Storm Drain Inlets on the lot must be protected by surrounding or covering with a filter material until final stabilization has been achieved.

Additional Controls: The above controls are the more common practices used at small construction sites. There are a number of other controls, techniques and manufactured product available. A few examples include hydro seeding, diversion berms, silt dikes and fiber logs. Even something as simple as a tarp or plastic may provide temporary cover for small exposed areas. You may wish to contact an erosion and sediment control specialist, local building official, or MDEQ for further information. In addition, MDEQ has several guidance manuals that may be of assistance and the internet has abundant guidance on construction BMPs.

Housekeeping Controls: Pollutants that may enter storm water from construction sites because of poor housekeeping include oils, grease, paints, gasoline, solvents, litter, debris, and sanitary waste. Good housekeeping practices include:

- Frequent cleaning of trash and debris, providing waste receptacles at convenient locations and providing regular collection of waste;
- Directing concrete trucks to the subdivision's designated wash-off area(s) or back to the Ready-Mix facility;
- Providing protected storage areas for chemicals, paints, solvents, fertilizers, and other potentially toxic materials; and
- Providing adequately maintained sanitary facilities.

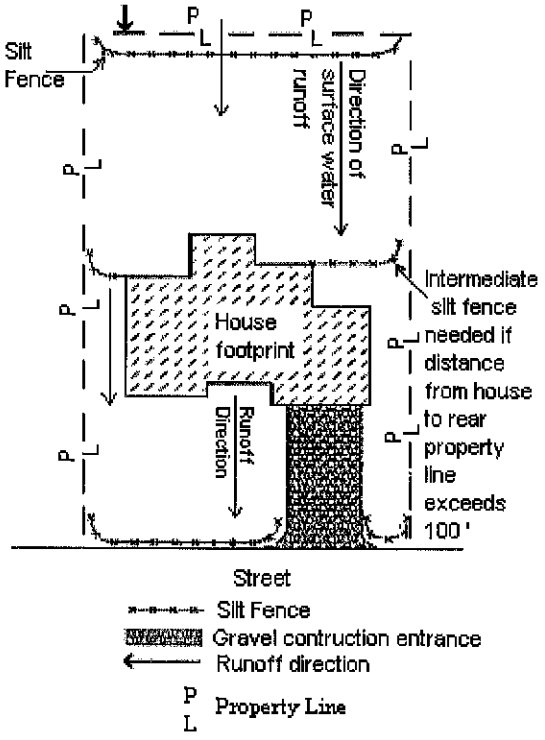
In addition, you should be aware that State air regulations prohibit the open burning of residential solid waste.

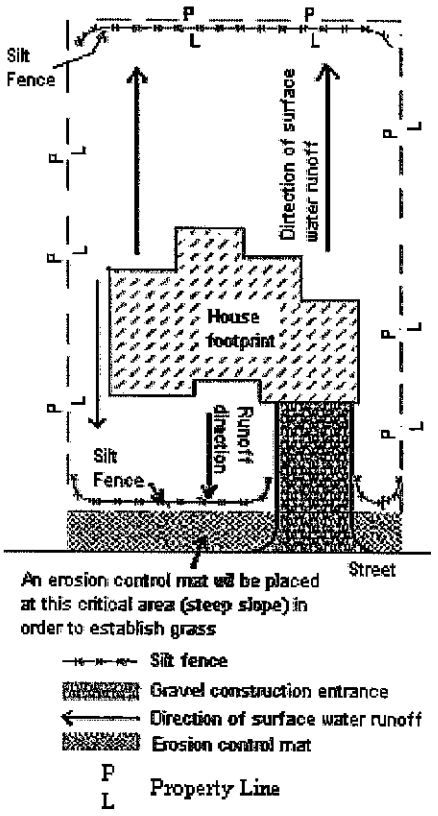
Inspection Requirements. Homebuilders shall inspect all erosion controls as often as is necessary, but no less than weekly, to ensure that appropriate erosion and sediment controls have been properly constructed and maintained to prevent erosion and sediment from leaving the site and determine if additional or alternative control measures are required. The inspection results shall be recorded on the Site Inspection and Certification Form contained in the Large Construction Forms Package. MDEQ strongly recommends that homebuilders perform "walk through" inspections daily. It is a responsibility of the homebuilder to install additional and/or alternative erosion and sediment controls when existing controls prove to be ineffective in preventing sediment from leaving the site.

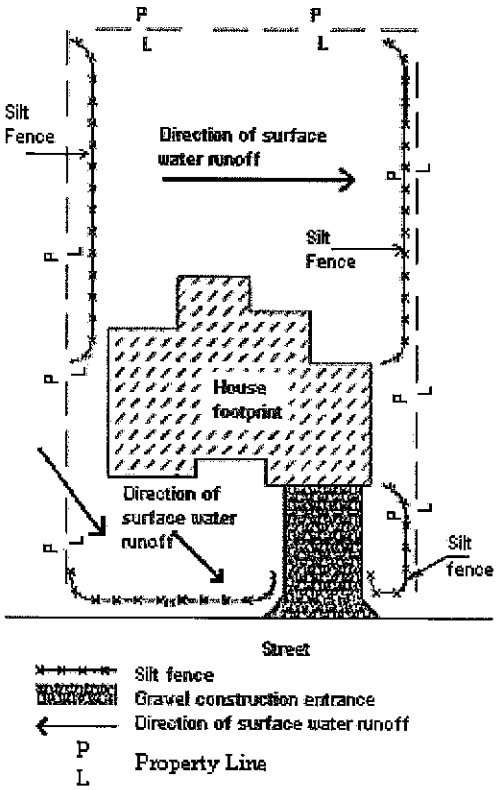
Retention of Records. All records, reports, forms and information resulting from activities required by this permit shall be retained for a period of at least three years from the date of the document origin.

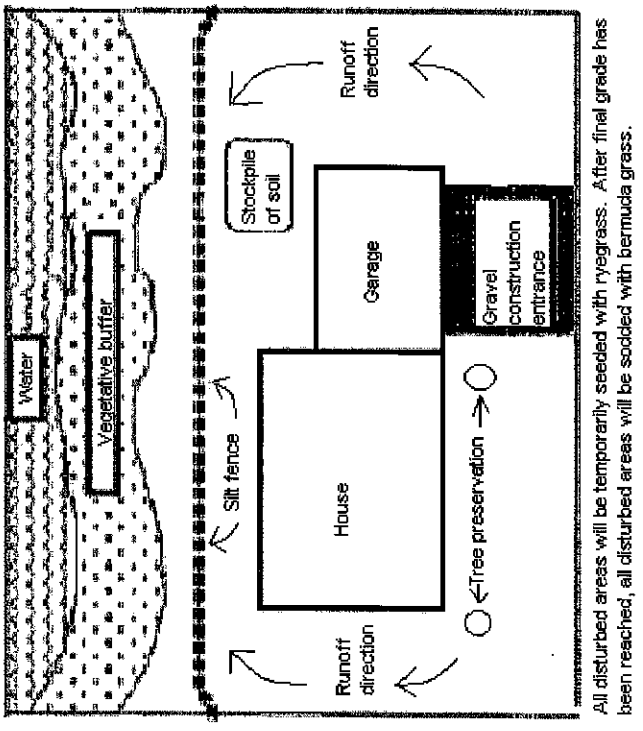
Duty to Comply. Lot owners must comply with the applicable permit conditions. See Activities 3, 5, 6, 7, 10 and 11 in the Large Construction Storm Water General Permit for applicable conditions. Any noncompliance with the applicable permit conditions and aforementioned conditions including sediment leaving the lot constitutes a violation of the Mississippi Water Pollution Control Law and is grounds for enforcement action. It shall not be an acceptable defense that controls were not installed because subsequent activities would require their replacement or cause their destruction.

EXAMPLE INDIVIDUAL LOT EROSION AND SEDIMENT CONTROL PLANS









Keep a Copy Available at the Permitted Facility or Locally Available
Submit the Inspection Reports Only if Requested by the Mississippi Department of Environmental Quality (MDEQ)

LARGE CONSTRUCTION GENERAL PERMIT
SITE INSPECTION AND CERTIFICATION FORM
COVERAGE NUMBER (MSR10 _ _ _ _)

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

INSTRUCTIONS

Results of construction storm water inspections required by ACT6 of this permit shall be recorded on this report form and kept with the Storm Water Pollution Prevention Plan (SWPPP) in accordance with the inspection documentation provisions of ACT9 of the this permit. Inspections shall be performed at least weekly for a minimum of four inspections per month. The coverage number must be listed at the top of all Inspection and Certification Forms.

COVERAGE RECIPIENT INFORMATION

OWNER/PRIME CONTRATOR NAME: Bennett Properties, LLC

PROJECT NAME: Autumn Lake Subdivision Phase 1

PROJECT STREET ADDRESS: South Swan Rd.

PROJECT CITY: Gulfport **PROJECT COUNTY:** Harrison

OWNER/PRIME CONTRACTOR MAILING ADDRESS: 5811 Shiloh Forest Dr.

MAILING CITY: Midlothian **STATE:** TX **ZIP:** 76065

CONTACT PERSON: Bridget Johnson **CONTACT PHONE NUMBER:** (228) 896-6768

EMAIL ADDRESS: N/A

INSPECTION DOCUMENTATION

DATE (mo/day/yr)	TIME (hr:min AM/PM)	ANY DEFICIENCIES? (CHECK IF YES)	INSPECTOR(S)
		☐	
		☐	
		☐	
		☐	
		☐	
		☐	

Deficiencies Noted During any Inspection (give date(s); attach additional sheets if necessary): _____

Corrective Action Taken or Planned (give date(s); attach additional sheets if necessary): _____

Based upon this inspection, which I or personnel under my direct supervision conducted, I certify that all erosion and sediment controls have been implemented and maintained, except for those deficiencies noted above, in accordance with the Storm Water Pollution Prevention Plan (SWPPP) and sound engineering practices as required by the above referenced permit. I further certify that the LCNOI and SWPPP information is up to date.

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 gather and evaluate the information submitted. Based on my inquiry of the person or persons 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.

Authorized Signature

Bridget Johnson
Printed Name

Date

Member
Title

Revised: 12/10/16

MAJOR MODIFICATION FORM
FOR LARGE CONSTRUCTION GENERAL PERMIT
Coverage No. MSR10 __ __ __ __ County _____

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 (6) and S-2 (7) of the General Permit.

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

COVERAGE RECIPIENT INFORMATION

COVERAGE RECIPIENT CONTACT NAME: _____ TEL # (_____) _____

COMPANY NAME: _____

STREET OR P.O. BOX: _____

CITY: _____ STATE: _____ ZIP: _____ E-MAIL: _____

PROJECT INFORMATION

PROJECT NAME: _____

CITY: _____

ADDITIONAL ACREAGE TO BE DISTURBED: _____ TOTAL PROJECT ACREAGE: _____

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) Date

_____ _____
Printed Name 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

Revised: 12/12/16

Environmental Permits for Industrial Facilities
Request for Transfer of Permit, General Permit Coverage and/or Name Change

Instructions: For Ownership Change-Complete all Items on Page 1 (except Item VIII) and Page 2 (reverse side).
For Name Change Only-Complete Items I, II, V, VI, VII, VIII, and Page 2 (reverse side).
Note-This form should be submitted to MDEQ when a transferal date is finalized but prior to the actual transfer.

Item I.

Facility Name: _____

Location: (Do Not Use P.O. Box)

Street: _____

City: _____ State: MS Zip: _____

County: _____

Telephone: (_____)_____

Item II.

Responsible official after transfer or name change:

Name: _____

Title: _____

Mailing Address:
Street/P.O. Box: _____

City: _____ State: _____ Zip: _____

Telephone (_____)_____

Item III.

Previous Permittee[1]: _____

Mailing Address:

Street/P.O. Box:_____

City: _____ State: _____ Zip: _____

Telephone: (_____)_____

Item IV.

New Permittee[1]: _____

Mailing Address:

Street/P.O. Box:_____

City: _____ State: _____ Zip: _____

Telephone: (_____)_____

Item V.

Industrial Activity SIC Code: _____

Brief Description:

Item VI.

Will Facility Operations Change? Yes _____ No _____

If yes, the appropriate applications and permits may require modification prior to change.

Item VII.

Will Facility Name Change? Yes_____ No_____

If Yes, Provide New Name for Permit Coverage.

New Name:_____

Item VIII.

Signature for Name Change

Print Name: _____

Authorized Signature[2]: _____

Title: _____ Date: _____

Item IX.

We the undersigned request transfer of permit(s) and/or permit coverage(s) listed on the backside of this form.

From:_____

To:_____ Acquisition Date:_____

By signature below, the recipient certifies that: 1) they are aware of the requirements of the permit(s), 2) the applicant can demonstrate to the Permit Board it has the financial resources and operational expertise and 3) agrees to accept responsibility and liability for the permit(s) listed on the back of this document. By signature below, the previous permittee is requesting that the permit(s) and/or permit coverage(s) be transferred to the recipient. The transfer of the permit(s) or permit coverage(s) will be by written notification from the Office of Pollution Control (OPC). The OPC may require submittal of information regarding financial capability and past compliance history of the recipient.

_____ _____

Print New Permittee[1] Name Print Previous Permittee[1] Name

_____ _____

New Authorized Signature[2] Previous Authorized Signature[2]

_____ _____ _____ _____

Title Date Title Date

[1]A Permittee is a company or individual that has been issued an individual permit or coverage under a general permit.
[2]Authorized Signature must be owner or in the case of a corporation, a corporate officer as defined in Regulations 11 Miss. Admin. Code Pt. 2, Ch. 2. and 11 Miss. Admin. Code Pt. 6, Ch. 1.

Mississippi Department of Environmental Quality/Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225
(601) 961-5171

Item X. Storm Water

(Check One)

☐ A Storm Water Pollution Prevention Plan (SWPPP) is not required for the site.

☐ The recipient certifies that they have received a copy of the Office of Pollution Control approved SWPPP from the original owner.

☐ The recipient is submitting a new SWPPP, which is attached to this form.

☐ A copy of the SWPPP cannot be obtained from the original owner.

Item XI. Hazardous Waste ID Number

EPA ID No. ______________________________

(Check One)

☐ An EPA Hazardous Waste ID Number is not required for the site.

☐ The site's EPA ID Number is listed above and a Notification of Regulated Waste Activity Form is attached.

Item XII. Permit(s) and/or Coverage(s) to be Transferred

Permit Type: ______________________
Permit/Coverage No.: ______________________
Permit Issuance Date: ______________________
Date of General Permit Coverage: ______________
Permit Expiration Date: ______________________

Permit Type: ______________________
Permit/Coverage No.: ______________________
Permit Issuance Date: ______________________
Date of General Permit Coverage: ______________
Permit Expiration Date: ______________________

Permit Type: ______________________
Permit/Coverage No.: ______________________
Permit Issuance Date: ______________________
Date of General Permit Coverage: ______________
Permit Expiration Date: ______________________

Permit Type: ______________________
Permit/Coverage No.: ______________________
Permit Issuance Date: ______________________
Date of General Permit Coverage: ______________
Permit Expiration Date: ______________________

Permit Type: ______________________
Permit/Coverage No.: ______________________
Permit Issuance Date: ______________________
Date of General Permit Coverage: ______________
Permit Expiration Date: ______________________

Permit Type: ______________________
Permit/Coverage No.: ______________________
Permit Issuance Date: ______________________
Date of General Permit Coverage: ______________
Permit Expiration Date: ______________________

Permit Type: ______________________
Permit/Coverage No.: ______________________
Permit Issuance Date: ______________________
Date of General Permit Coverage: ______________
Permit Expiration Date: ______________________

OTHER INFORMATION:

INSPECTION SUSPENSION FORM

UNDER LARGE CONSTRUCTION STORM WATER GENERAL NPDES PERMIT MSR10

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

INSTRUCTIONS

Coverage recipients under Mississippi's Large Construction Storm Water General Permit may temporarily suspend required weekly inspections of erosion and sediment controls and monthly record keeping by submission of this form. Inspections may be suspended only when land disturbing activities have ceased, no further land disturbing activities are planned for a period of at least six (6) months, the site is stable with no active erosion, and vegetative cover has been established (see ACT9, S-1). The coverage recipient is responsible for all permit conditions during the suspension period and nothing in this condition shall limit the rights of MDEQ to take enforcement or other actions against the coverage recipient. Once land disturbing activities resume MDEQ must be notified and all inspections and record keeping required by the permit must also resume. Color photographs, representative of the construction site, must be submitted with this inspection form.

COVERAGE RECIPIENT INFORMATION

COVERAGE RECIPIENT CONTACT PERSON: _____

COMPANY NAME: _____

STREET OR P.O. BOX: _____

CITY: _____ STATE: _____ ZIP: _____

PHONE # (INCLUDE AREA CODE): _____ E-MAIL: _____

PROJECT INFORMATION

CONSTRUCTION STORM WATER GENERAL PERMIT COVERAGE NUMBER: MSR10 _ _ _ _

PROJECT NAME: _____

CITY: _____ COUNTY: _____

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. **I further certify that: land disturbing activities have ceased, no further land disturbing activities are planned for a period of at least six (6) months, the site is stable with no active erosion, and vegetative cover has been established**.

_____ _____

Signature (must be signed by coverage recipient) Date Signed

_____ _____

Printed Name 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

Revised: 12/10/2016

Request for Termination (RFT) of Coverage

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

LARGE CONSTRUCTION GENERAL PERMIT

Coverage No. MSR10 __ __ __ __ County _____

(Fill in your Certificate of Coverage Number and County)

This form must be submitted within thirty (30) days of achieving final stabilization (see ACT10, S-1 of general permit). Failure to submit this form is a violation of permit conditions.

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).

(Please Print or Type)

Project Name: _____

Physical Site Street Address (if not available, indicate nearest named road): _____

City: _____ **County:** _____ **Zip:** _____

Coverage Recipient Company Name: _____

Street Address / P.O. Box: _____

City: _____ **State:** _____ **Zip:** _____

Coverage Recipient Contact Name and Position: _____ **Tel. #:** (____) _____

Has another owner(s) or operator(s) assumed control over all areas of the site that have not reached final stabilization?

RESIDENTIAL SUBDIVISIONS:

☐ **YES. A copy of the Registration Form for Residential Lot Coverage for each lot or out parcel that has been sold and a site map, indicating which lots have been sold, are attached.**

☐ **NO. Coverage may not be terminated until all areas have reached final stabilization.**

COMMERCIAL DEVELOPMENT:

☐ **YES. A copy of the site map, indicating which out-parcels have been sold, is attached.**

☐ **NO. Coverage may not be terminated until all areas have reached final stabilization.**

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 understand that by submitting this Request for Termination and receiving written confirmation, I will no longer be authorized to discharge storm water associated with construction activity under this general permit. Discharging pollutants associated with construction activity to waters of the State without proper permit coverage is a violation of state law. I also understand that the submittal of this Request for Termination does not release an owner or operator from liability for any violations of this permit or the Clean Water Act.

_____	_____	_____	_____
Authorized Name (Print)	Telephone	Signature	Date Signed

[1]This application shall be signed according to the General Permit, ACT11, T-7 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

25 - Year Pre Development Calculation

Rainfall Data

SN	Element ID	Data Source	Rainfall Type	Rain Units	State	County	Return Period (years)	Rainfall Depth (inches)	Rainfall Distribution
1	25 Year Storm	Time Series	Cumulative	inches	Mississippi	Harrison	25	10.5	SCS Type III 24-hr

Basin Data

SN	Element ID	Area (acres)	Weighted Curve Number	Rain Gage ID	Total Precipitation (inches)	Total Runoff (inches)	Peak Runoff (cfs)	Time of Concentration (days hh:mm:ss)
1	Sub-01	1.72	60.00	Rain Gage-01	10.50	5.31	3.35	0 01:31:05
2	Sub-02	5.90	60.00	Rain Gage-01	10.50	5.31	11.71	0 01:27:52

25 YEAR POST DEVELOPMENT CALCULATION

PIPE DATA

SN	Element ID	Length	Average Slope	Pipe Shape	Pipe Diameter or Height	Manning's Roughness	Peak Flow	Design Flow Capacity	Max Flow / Design Flow Ratio	Max Flow Depth / Total Depth Ratio	Max Flow Depth
		(ft)	(%)		(inches)		(cfs)	(cfs)			(ft)
1	Link-01	20.96	0.2900	CIRCULAR	24.0	0.0130	1.28	12.10	0.11	0.65	1.30
2	Link-02	37.94	0.6900	Arch	11.0	0.0130	4.84	4.33	1.12	1.00	0.92
3	Link-03	12.92	0.7000	CIRCULAR	24.0	0.0150	4.84	16.36	0.30	0.42	0.85
4	Link-04	54.56	1.1900	Arch	18.0	0.0130	2.71	20.88	0.13	0.24	0.36
5	Link-05	23.31	0.3400	CIRCULAR	15.0	0.0130	6.59	3.78	1.74	1.00	1.25
6	Link-06	164.94	1.4800	CIRCULAR	18.0	0.0130	10.84	12.78	0.85	1.00	1.50
7	Link-07	27.13	0.3700	CIRCULAR	15.0	0.0130	6.01	3.92	1.53	1.00	1.25
8	Link-08	342.29	1.3800	CIRCULAR	15.0	0.0130	10.18	7.59	1.34	1.00	1.25
9	Link-09	171.17	0.0000	Dummy	0.0	0.0150	2.71		1.34	1.00	1.25
10	Link-10	30.98	0.8100	CIRCULAR	15.0	0.0130	9.62	5.80	1.66	1.00	1.25

OUTFALL DATA

SN	Element ID	Invert Elevation	Boundary Type	Peak Inflow	Maximum HGL Elevation Attained
		(ft)		**(cfs)**	**(ft)**
1	Outfall-01	54.95	NORMAL	9.62	56.20
2	Outfall-02	56.80	NORMAL	5.25	57.63
			Total:	**14.87**	

DETENTION BASIN DATA

SN	Element ID	Invert Elevation	Max (Rim) Elevation	Peak Outflow
		(ft)	(ft)	(cfs)
1	DETENTION BASIN - 1	57.00	61.00	5.25

DRAINAGE INLET DATA

SN	Element ID	Invert Elevation (ft)	Ground/Rim (Max) Elevation (ft)	Peak Inflow (cfs)	Maximum HGL Elevation Attained (ft)
1	A2-SS2-1	55.50	57.48	4.85	56.83
2	A1-SS2-1	55.24	57.50	4.84	56.19
3	B3-SS2-1	57.77	59.25	14.15	59.25
4	B2-SS2-1	57.69	59.94	22.40	59.94
5	C1-SS2-1	62.41	70.00	10.18	69.51
6	C2-SS2-1	62.51	70.00	7.00	70.00
7	Outfall Structure #1	55.20	58.25	9.62	57.84
9	A3-FES	55.56	57.50	1.28	56.83
10	D1-FES	56.65	59.65	2.71	57.32
11	D0-FES	56.00	59.00	2.71	56.04

WEIR DATA

SN	Element ID	From (Inlet) Node	To (Outlet) Node	Type	Crest Elevation	Length	Weir Total Height	Discharge Coefficient	Peak Flow
					(ft)	(ft)	(ft)		(cfs)
1	Weir-01	DETENTION BASIN - 1	DET1-FES	TRAPEZOIDAL	57.25	3.00	0.50	3.33	7.92

ORIFICE DATA

SN	Element ID	From (Inlet) Node	To (Outlet) Node	Orifice Type	Orifice Shape	Circular Orifice Diameter	Orifice Invert Elevation	Orifice Invert Offset	Orifice Coefficient	Peak Flow
						(inches)	(ft)	(ft)		(cfs)
1	Orifice-01	DETENTION BASIN - 1	DET1-FES	SIDE	CIRCULAR	8.00	55.25	0.00	0.6140	2.09

RAINFALL DATA

SN	Element ID	Data Source	Rainfall Type	Rain Units	State	County	Return Period (years)	Rainfall Depth (inches)	Rainfall Distribution
1	25 Year Storm	Time Series	Cumulative	inches	Mississippi	Harrison	25	10.5	SCS Type III 24-hr

BASIN DATA

SN	Element ID	Area	Weighted Curve Number	Total Precipitation	Peak Runoff
		(acres)		(inches)	(cfs)
1	Sub-01	0.58	75.00	10.50	4.32
2	Sub-02	1.03	75.00	10.50	7.64
3	Sub-04	0.30	75.00	10.50	1.28
4	Sub-05	0.85	75.00	10.50	2.71
5	Sub-06	0.55	75.00	10.50	4.03
6	Sub-07	1.16	75.00	10.50	8.31
7	Sub-08	0.65	75.00	10.50	4.84
8	Sub-09	0.27	75.00	10.50	1.13
9	Sub-11	1.28	75.00	10.50	4.33
10	Sub-13	0.95	75.00	10.50	7.07