# MSR10 8 7 1 0 (NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: X OWNER PRIME CONTRAC	CTOR		
OWNER CONTACT INFORMATION			
OWNER CONTACT PERSON: David Goodwin			
OWNER COMPANY LEGAL NAME: Payne Lane Development, LLC			
OWNER STREET OR P.O. BOX: 214 Ridgefiled Road			
OWNER CITY: Memphis STATE: TN	ZIP: <u>38111</u>		
OWNER PHONE #: ( 901 ) 320-9039 OWNER EMAIL: david	d@davidgoodwinjr.com		
PRIME CONTRACTOR CONTACT INFO	RMATION		
PRIME CONTRACTOR CONTACT PERSON:			
PRIME CONTRACTOR COMPANY LEGAL NAME:			
PRIME CONTRACTOR STREET OR P.O. BOX:			
PRIME CONTRACTOR CITY:STATE:			
PRIME CONTRACTOR PHONE #: ( PRIME CONTRACTO	R EMAIL:		
FACILITY SITE INFORMATIO	N		
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 of Knight's Bridge, approx. 2000' east of Cer	iter Hill Rd.		
FACILITY SITE TRIBAL LAND ID (N/A If not applicable): n/a			
LATITUDE: 34 degrees 55 minutes 57 seconds LONGITUDE: -89 d			
LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Into	erpolation):		
TOTAL ACREAGE THAT WILL BE DISTURBED 1: 14.1			
IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT?	YES□ N	0 🛛	
IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: AND PERMIT COVERAGE NUMBER: MSR10			
ESTIMATED CONSTRUCTION PROJECT START DATE:	2022-06-20 YYYY-MM-DD		
ESTIMATED CONSTRUCTION PROJECT END DATE:	2023-07-30 YYYY-MM-DD		
DESCRIPTION OF CONSTRUCTION ACTIVITY: Clearing & mass grad			
PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION			
SIC Code 1 5 2 1 NAICS Code			

NEAREST NAMED RECEIVING STREAM: Unnamed tributary to the Coldwater 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 Mhttp://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section)	YESDA	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 IMPACTE ACTIVITY?	YES□ D BY THE CONS	NO 🗵 TRUCTION	
EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPPP):			
•			
WILL FLOCCULANTS BE USED TO TREAT TURBIDITY IN STORM WATER?	YES□	NO	
WILL FLOCCULANTS BE USED TO TREAT TURBIDITY IN STORM WATER?  IF YES, INDICATE THE TYPE OF FLOCCULANT.   ANIONIC POLYACRY  OTHER	LIMIDE (PAM)	NO[2]	

<sup>&</sup>lt;sup>1</sup>Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft<sup>2</sup> 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 LC	NOI FOR A FACILITY THAT WILL REQUIRE OTHER PERMITS?	YES □	NO 🖾	
IF YI	ES, CHECK ALL THAT APPLY:   AIR HAZARDOUS WASTE	□ PRETREATMEN	<b>T</b>	
	□ WATER STATE OPERATING □ INDIVIDUAL NPDES	□ <b>OTHER</b> :		
IS TH OF A	IE PROJECT REROUTING, FILLING OR CROSSING A WATER CONVEYAN NY KIND? (If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch	ICE YES   of for permitting requirem	NO 🗵 ents.)	
	HE PROJECT REQUIRES A CORPS OF ENGINEER SECTION 404 PERMIT, PUMENTATION THAT:	PROVIDE APPROPRIAT	TE.	
•	The project has been approved by individual permit, or			
•	The work will be covered by a nationwide permit and NO NOTIFICATION to th	e Corps is required, or		
•	The work will be covered by a nationwide or general permit and NOTIFICATIO	N to the Corps is required	i	
IS A l	LAKE REQUIRING THE CONSTRUCTION OF A DAM BEING PROPOSED? s, provide appropriate approval documentation from MDEQ Office of Land and V	YES □ Vater, Dam Safety.)	NO 🛛	
IF TH BE D	HE PROJECT IS A SUBDIVISION OR A COMMERCIAL DEVELOPMENT, HO ISPOSED? Check one of the following and attach the pertinent documents.	OW WILL SANITARY S	EWAGE	
D <b>X</b>	Existing Municipal or Commercial System. Please attach plans and specifications associated "Information Regarding Proposed Wastewater Projects" form or appr Hancock, Harrison, Jackson, Pearl River and Stone Counties. If the plans and specifica of LCNOI submittal, MDEQ will accept written acknowledgement from official(s collection and treatment that the flows generated from the proposed project can a properly. The letter must include the estimated flow.	oval from County Utility A tions can not be provided responsible for wastewa	Authority in I at the time ter	
	Collection and Treatment System will be Constructed. Please attach a copy of the permit from MDEQ or indicate the date the application was submitted to MDEQ	cover of the NPDES disc (Date:	harge )	
	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.			
	CATE ANY LOCAL STORM WATER ORDINANCE WITH WHICH THE PRO Soto County	JECT MUST COMPLY:		
	Ook 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 penaltics for submitting false information, including the possibility of fine and
imprisonment for knowing visitations
The Mark that I have the

1. Come son		
Signature of Applicant <sup>1</sup> (owner of prime contractor)	Date Signed	
David Goodwin		
Printed Name <sup>1</sup>	Title	

- 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



December 14, 2021

Mr. David Goodwin Payne Lane Development, LLC. 414 Ridgefield Rd. Memphis, TN 38111

Re:

Kyle's Creek Subdivision - Section F

Letter of Intent to Provide Public Services

Dear Mr. Goodwin:

The City of Olive Branch is willing to provide sewer, gas, and water services to the above referenced development provided the construction is completed in a satisfactory manner and in compliance with said approved plans.

Sincerely,

Andy D. Swims, P.E.

City Engineer

# STORM WATER POLLUTION PREVENTION PLAN For Kyle's Creek, Section F DeSoto County

#### SITE DESCRIPTION

Section F of Kyle's Creek is located south of Knight's Bridge, approximately 2000 feet east of Center Hill Road in DeSoto County. (See map attached to the CNOI application.) Approximately 14 acres will be cleared and grubbed by a single site contractor performing the construction activity. Currently the site is covered with brush and field grasses, with slopes ranging between 1% and 6%, and the storm water runoff coefficient is approximately 0.2. Currently, the site drains predominantly to the south towards an existing unnamed tributary flowing southeast to the Coldwater River. The properties adjacent to the site are zoned R20 to the west (Chappell Creek Estates), R20 to the north (Section E. Kyle's Creek Subdivision), and AR to the south and east. The existing soils on the site consist mainly of Grenada silt loam (Gf) and Collins (Cg), according to the Web Soil Survey of the USDA Natural Resources Conservation Service. completion of the clearing and grubbing operation on the site, the runoff coefficient will be approximately 0.25. Upon completion of the development of the subdivision, the runoff coefficient will be approximately 0.4. Since the site discharge eventually flows into the Coldwater River, the erosion and prevention and sediment control measures are designed for a 2 year, 24 hour rainfall (4" in the Memphis area).

Erosion control measures to be implemented include the installation of stabilized construction exit off existing Abby Road to prevent the tracking or flowing of sediment off the site onto the right of way of Abby Road and silt fence will be installed as shown on the Erosion Control Plans to control discharge off the site onto the adjoining properties. Sediment log inlet barriers will be used around proposed storm drain structures and will be maintained around the inlets until the area drained by the inlet is either paved or stabilized with vegetative growth or landscaping. Any 3:1 slopes will be sodded where not planted. One sediment basin will be constructed on the site, which will become a post-construction storm water detention basin. Approximately 30.1 acres drain towards the sediment basin, of which approximately 14.1 will be disturbed. The basin has a storage capacity of 323,006 cu ft.

Areas of stabilization include but are not limited to sod or landscaped areas. Riprap pads with filter fabric will be placed at headwalls for permanent outlet protection. See erosion control plans for placement of all erosion control measures.

Whenever and wherever on-site maintenance and repair of equipment occurs, appropriate measures shall be taken to prevent possible pollutants from entering storm water; for example, spill kits with absorbent pads shall be used and disposed of in spill-proof containers that are then hauled off-site. Materials and equipment necessary for spill

cleanup will be kept on site; including, but not limited to, brooms, dust pans, mops, gloves, sand, and spill-proof containers. Concrete chutes shall be washed off in designated washout areas, where the concrete may be broken up and removed once it has hardened. Use a minimum amount of water to wash the chute. Waste receptacles shall be provided at convenient locations throughout the site; lids shall be secured to prevent trash from blowing or falling out. Frequent, routine collection of the individual receptacles as well as any dumpsters shall occur. No on-site storage of toxic materials is expected to occur on this site. If storage becomes necessary, materials will be stored in tightly sealed, clearly labeled containers with spill kits nearby. Sanitary facilities on-site shall be maintained by outside contractors, who will also dispose of any generated wastes.

Prior to any activity, the following information will be posted on site: the name and telephone number of the local contact person, a copy of the Notice of Coverage, a brief description of the project and the location of the SWPPP, if it cannot be kept on site.

#### INTENDED CONSTRUCTION SEQUENCE

The proposed construction activities will likely be sequenced as follows (see plans for locations):

#### **BMP Placement**

- 1. Install stabilized construction exit (SCE),
- 2. Install the silt fence as shown on the plan.
- 3. Construct the sediment basin.

#### Clearing, Grading and Underground

- 1. Grade site as required encouraging flows to the sediment basin.
- 2. Trench and install storm, sanitary and water pipes and associated structures. As each structure is constructed, place inlet protection and sediment log inlet barriers as required at storm drain inlets and any manholes where pollutant bearing runoff may enter the system,
- 3. Stabilize disturbed areas as soon as practical. The disturbed area needs to be stabilized immediately if it will not be disturbed within 14 days.
- 4. Add silt fence as required.

Proper maintenance and inspection of all erosion control measures are required throughout the construction operation. Inspection should occur in accordance with the requirements of the general permit.

#### Final Work and BMP Removal

- 1. Grade site to final grade,
- 2. Construct the paved areas and curb & gutter,
- 3. Seed/stabilize all disturbed areas with seasonal perennial vegetation that are not stabilized by sod or pavement. Slopes greater than 4:1 shall be sodded.
- 4. Once all areas of the site have been stabilized, remove stabilized construction exit, inlet protections and silt fence.

The stabilized construction exits will be maintained until such time as the majority of the site has been stabilized and the potential for the tracking of sediment offsite has been essentially eliminated. At such time as the stabilized construction exit is removed, the area where it is located will be immediately stabilized. The silt fence will remain in place until the areas are stabilized. Vegetative stabilization measures must be initiated 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 purposes of the permit, "immediately" is interpreted to mean no later than the next work day.

#### **INSPECTION AND MAINTENANCE**

Inspections will be documented and include the scope of the inspection, name(s) and title(s) or qualifications of personnel making the inspection, the date(s) of the inspection, major observations relating to the escape of any storm water pollutants from the site and of any control device that failed to operate as designed (or proved inadequate for a particular location), and actions taken based on the results of the inspection. Any inadequate control measures or control measures in disrepair will be repaired, replaced, or supplemented with functional controls, within 24 hours of discovery, or as soon as field conditions allow. If maintenance prior to the next anticipated storm event is impractical, maintenance will be scheduled and accomplished as soon as possible.

Inspections will be performed at least once every week for a minimum of 4 inspections per month and as often as necessary to endure that proper erosion controls have been properly constructed and maintained and determine if additional or alternative control measures are required. All control measures will be inspected before anticipated storm events, daily during prolonged events, and within 24 hours after the end of any rain event that produces a discharge. A rain gauge and daily rainfall records will be maintained on the site.

Sediment will be removed from the silt fences when the design capacity has been reduced by 50%. Sediment will also be removed from the sediment basin when the capacity has been reduced by 50%. Sediment removal will be monitored to avoid damage to the silt fence or the basins. Any litter and construction debris will be picked up prior to anticipated

storm events to eliminate pollution into any downstream systems. Also, once the sediment control measures are no longer needed, they will be removed from the site to prevent any possible pollution by those materials.

#### **RECORDS AND REPORTING**

The inspections will be made as required by the N.P.D.E.S. permit and reported on copies of the Division of Water Pollution Control form provided for that purpose. The report forms will be submitted upon request to the Division. The following records will be maintained on site: the date(s) when major grading activities occur, the date(s) when construction activities temporarily or permanently cease on a portion of the site, the date(s) when stabilization measures are initiated, and inspection records. Permittees will maintain a rain gauge and daily rainfall records at the site, or use a reference site for a record of daily amount of precipitation. The permittees will also certify on a weekly basis that the biweekly inspections were performed and whether or not all planned and designed sediment control measures are installed and in working order. The permittees will retain copies of the Storm Water Pollution Prevention Plan and all reports required by the permit, including inspection and rainfall records, and records of all data used to complete the Notice of Intent to be covered by this permit for a period of at least three years from the date the Notice of Termination is filed.

#### **DRAWINGS**

**Erosion Control Plan & Details** 

#### REFERENCE

MS Erosion Control, Sediment Control and Stormwater Management on Construction Sites and Urban Areas (Three Volumes)

#### **NOTICE OF TERMINATION**

When the site has been finally stabilized and all storm water discharges from construction activities authorized by the permit are eliminated, the permittee will submit a Notice of Termination in accordance with the requirements of the NPDES permit.

0060/8E

0960785

34° 57' 2" N

0990/98

0080785

USDA

M .91 .tt .68

00/0/86

34° 56' 52" N

09/0/90

#### MAP LEGEND

#### Area of Interest (AOI)

Area of Interest (AOI)

#### Solls

Soil Map Unit Polygons



Soil Map Unit Lines

a

Soil Map Unit Points

#### **Special Point Features**

(c) Blowout

Borrow Pit

Clay Spot

. Gravelly Spot

Landfill

A Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Saline Spot

•.• Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

#### \_\_\_\_\_

Spoil Area

♠ Stony Spot

M

Very Stony Spot

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Wet Spot

△ Other

Special Line Features

#### Water Features

Streams and Canals

#### Transportation

+++

Rails

Interstate Highways

**US Routes** 

resi

Major Roads Local Roads

#### Background

1.

Aerial Photography

#### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: DeSoto County, Mississippi Survey Area Data: Version 20, Sep 8, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 1, 2020—May 9, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

#### **Map Unit Legend**

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Cg	Collins silt loam (adler)	3.8	20.9%
Ga	Grenada silt loam, eroded, very gently sloping phase	2.2	12.1%
Gf	Grenada silt loam, severely eroded sloping phase (loring)	9.3	51.3%
U	Loring silty clay loam, severely eroded gently sloping phase	2.8	15.3%
Rd Richland silt loam, eroded very gently sloping phase (loring)		0.1	0.5%
Totals for Area of Interest		18.1	100.0%

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 \_\_\_\_\_)



#### INSTRUCTIONS

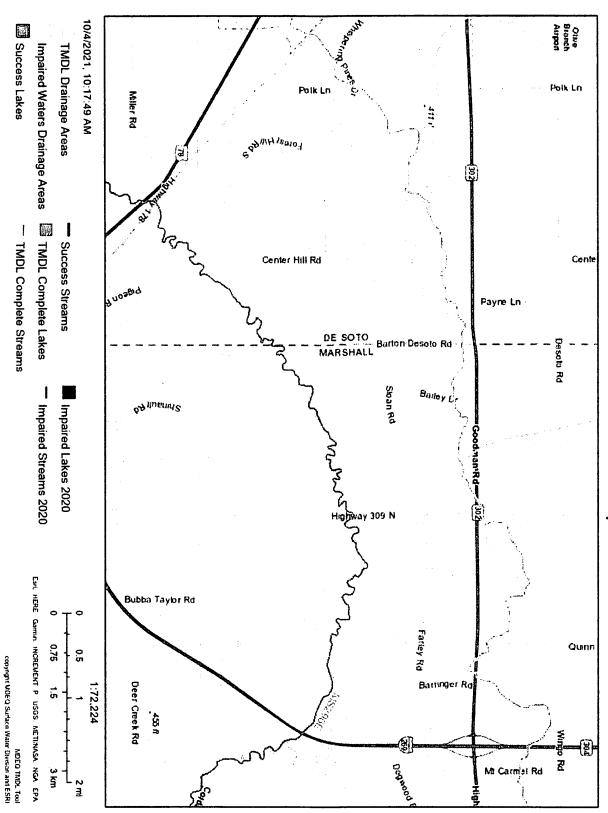
Results of construction storm water inspections required by ACT6 of this permit shall be recorded on this report form and kept with the Storm Water Pollution Prevention Plan (SWPPP) in accordance with the inspection documentation provisions of ACT9 of the this permit. Inspections shall be performed at 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.

	CON	ERAGE RECIPIENT IN	FURNIATIO		
OWNER/PRIME CONT	FRATOR NAME:				
PROJECT NAME:	wasah 11900 1190 1190 1190 1190 1190 1190 11				
PROJECT STREET AL	DDRESS:				
PROJECT CITY:	**************************************	PROJE	CT COUNTY:		
OWNER/PRIME CONT	FRACTOR MAILING AD	DRESS:	Ve see		
MAILING CITY:		STATI	E:	ZIP:	
CONTACT PERSON: _	7 12 7 12 13 14 methyraen meneden (************************************	CONT	ACT PHONE N	NUMBER: ()	
EMAIL ADDRESS:	·				
	II	SPECTION DOCUMEN	TATION		
DATE (mo/day/yr)	TIME (hr:min AM/PM)	ANY DEFICIENCIES? (CHECK IF YES)		INSPECTOR(S)	
(mo/day/yr)	(III:IIIII AIVDFIVI)	(CHECKIF TES)		INSPECTOR(S)	
				· · · · · · · · · · · · · · · · · · ·	
Deficiencies Nets I Deci				\	
Deficiencies Noted Duri	ing any inspection (give d	ate(s); attach additional she	eets if necessar	y):	
# ************************************					
G	DI 1/1 1 //		· · · · · · · · · · · · · · · · · · ·		
Corrective Action Taken or Planned (give date(s); attach additional sheets if necessary):					
			***************************************		
D. I. dirical	1.1.7				
maintained, except for those	deficiencies noted above, in ac		Pollution Prevent	sion and sediment controls have been implemented and ion Plan (SWPPP) and sound engineering practices as	
qualified personnel properly g information submitted is, to t	ather and evaluate the informat	ion submitted. Based on my inque belief, true, accurate and complete	iry of the person of	sion in accordance with a system designed to assure that or persons responsible for gathering the information, the that there are significant penalties for submitting false	
Authorized Signature Date					

Title

Printed Name

# MDEQ TMDL Waters Tool MapView





#### 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)