

MSR10 \_\_\_\_\_

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE:  OWNER  PRIME CONTRACTOR

**OWNER CONTACT INFORMATION**

OWNER CONTACT PERSON: Matthew Ames  
OWNER COMPANY LEGAL NAME: Fortson Development Company, LLC  
OWNER STREET OR P.O. BOX: P.O. Box 3256  
OWNER CITY: Jackson STATE: MS ZIP: 39207  
OWNER PHONE #: (601) 948-2053 OWNER EMAIL: \_\_\_\_\_

**PRIME CONTRACTOR CONTACT INFORMATION**

PRIME CONTRACTOR CONTACT PERSON: \_\_\_\_\_  
PRIME CONTRACTOR COMPANY LEGAL NAME: \_\_\_\_\_  
PRIME CONTRACTOR STREET OR P.O. BOX: \_\_\_\_\_  
PRIME CONTRACTOR CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_  
PRIME CONTRACTOR PHONE #: (\_\_\_\_) \_\_\_\_\_ PRIME CONTRACTOR EMAIL: \_\_\_\_\_

**FACILITY SITE INFORMATION**

FACILITY SITE NAME: Hico Hills  
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: Watkins Drive  
CITY: Jackson STATE: MS COUNTY: Hinds ZIP: 39206  
FACILITY SITE TRIBAL LAND ID (N/A if not applicable): n/a  
LATITUDE: 32 degrees 22 minutes 32 seconds LONGITUDE: 90 degrees 11 minutes 33 seconds  
LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): map interpolation  
TOTAL ACREAGE THAT WILL BE DISTURBED <sup>1</sup>: 17.2  
IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT? YES  NO   
IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: \_\_\_\_\_  
AND PERMIT COVERAGE NUMBER: MSR10 \_\_\_\_\_  
ESTIMATED CONSTRUCTION PROJECT START DATE: 2020-07-01  
YYYY-MM-DD  
ESTIMATED CONSTRUCTION PROJECT END DATE: 2025-12-31  
YYYY-MM-DD  
DESCRIPTION OF CONSTRUCTION ACTIVITY: clearing, earthwork & underground utilities  
PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:  
proposed 52 lot single family residential development  
SIC Code \_\_\_\_\_ NAICS Code \_\_\_\_\_

NEAREST NAMED RECEIVING STREAM:   Hanging Moss Creek  

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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](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 1/2 MILE DOWNSTREAM OF PROJECT BOUNDARY THAT MAY BE IMPACTED BY THE CONSTRUCTION ACTIVITY? YES  NO

EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPPP):  
  Loring-Urban and Siwell-Urban Land Complex  

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

IF YES, INDICATE THE TYPE OF FLOCCULANT.       ANIONIC POLYACRYLAMIDE (PAM)  
 OTHER \_\_\_\_\_

IF YES, DOES THE SWPPP DESCRIBE THE METHOD OF INTRODUCTION, THE LOCATION OF INTRODUCTION AND THE LOCATION OF WHERE FLOCCULATED MATERIAL WILL SETTLE? YES  NO

<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 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: MSDH Water

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? YES  NO   
 (If yes, provide appropriate approval documentation from MDEQ Office of Land and Water, Dam Safety.)

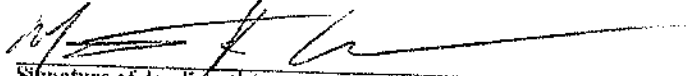
IF THE PROJECT IS A SUBDIVISION OR A COMMERCIAL DEVELOPMENT, HOW WILL SANITARY SEWAGE BE DISPOSED? Check one of the following and attach the pertinent documents.

- 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:

City of Jackson Storm Water 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.

  
Signature of Applicant<sup>1</sup> (owner or prime contractor)

3/12/2020  
Date Signed

Matthew Ames  
Printed Name<sup>1</sup>

Chief operating officer  
Title

- <sup>1</sup>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

# **EROSION, SEDIMENT AND STORMWATER CONTROL PLAN**

## **HICO HILLS**

### **CITY OF JACKSON, MISSISSIPPI**

**MARCH, 2020**

#### **Project Description:**

The purpose of the project is to construct the infrastructure for a 52 lot residential development located in Jackson, Mississippi. The project will encompass approximately 17.2 acres.

#### **Site Description before Construction:**

The site has generally hilly terrain with slopes ranging from approximately 2 to 15 percent. The site generally drains to the northeast.

The site will drain to a detention pond that will be used as a sediment basin during the construction phase of the project. The sediment basin will have a minimum storage capacity for sediment of 62,000 cubic feet.

All other areas will be controlled by the use of silt fences and straw wattles.

#### **Site Description after Construction:**

After construction of the infrastructure, there will exist approximately 1.8 acres of impervious surface (streets). Upon full buildout of the 52 lots, it is estimated that the impervious area will increase to 3 acres (roofs, drives, etc.) for a total of 4.8 acres of impervious area, more or less.

#### **Adjacent Property:**

The project is surrounded by residential lots along the north and west of the property and undeveloped land to the south and east.

#### **Soils:**

The predominant soil on the project site is Loring-Urban and Siwell-Urban land complex. Topsoil removed during the grading operations will be used for backfill and top dressing behind the curb and gutter along the streets.

**Planned Erosion, Sediment and Stormwater Control Practices:**

- 1. Storm Drain Inlet Protection – Temporary straw wattle and silt fence combinations will be installed at all curb inlet and grate inlet locations.**
- 2. Land Grading - Excess excavation from the street right-of-ways will be placed on the lots of lowest elevation. All fill materials will be compacted and slopes will not exceed 3:1. All areas will receive seeding for stabilization of the fill material until permanent vegetation is established after the construction of the individual houses. When a disturbed area will be left undisturbed for fourteen days or more, the appropriate temporary or permanent vegetative practices shall be implemented immediately.**
- 3. Grassed Waterway - Grass lined waterways will be provided as indicated on the construction plan to serve as secondary drainage swales.**
- 4. Rock Outlet Protection – A rip rap apron will be located at the outlet of all culverts to prevent scour.**
- 5. Permanent Seeding - All disturbed areas will be permanently seeded and mulched once final grade is established. The land grading areas previously mentioned will receive temporary seeding as stated.**
- 6. Should equipment maintenance be necessary, a designated area shall be provided adjacent to the construction activities to prevent the runoff of pollutants, such as fuel and oils, from the site into surface waters. Paints, solvents, fertilizers, or any other potentially toxic materials will not be stored on site.**
- 7. Designated area, or areas, shall be provided for washing down delivery chutes on concrete trucks. This area shall be located such that no wash off will leave the site and be introduced into surface waters. Under no circumstances shall wash off be discharged into culverts, inlets or ditches.**
- 8. Receptacles shall be provided, as needed, for the collection of solid waste. Receptacles shall be serviced and emptied as needed.**
- 9. Adequate sanitary sewer facilities such as port-o-lets, shall be provided and maintained on site.**
- 10. The builders and/or lot owners shall agree by terms of their deeds, to implement any and all erosion control measures necessary to prevent sediment from leaving individual lots during construction of the dwelling and to maintain such measures until the establishment of permanent vegetation. When a lot is sold, the developer will execute the registration form for residential lot coverage in accordance with the regulations for Mississippi's Large Construction Storm Water General Permit.**

**11. Prohibited Non-Storm Water Discharges:**

- a. wastewater from washout of concrete (unless managed by an appropriate control)
- b. wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials
- c. fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance
- d. soaps or solvents used in vehicle and equipment washing
- e. wastewater from sanitary sewer facilities, including portable toilets

12. Covered trash bins shall be stored on site as needed. Trash bins shall be serviced, emptied and maintained as needed.

13. If fuels, oils or other pollutants are to be stored on site, they shall be stored in a covered area.

On site storage shall meet all local, state and federal rules regarding secondary containment. Additionally, local ordinances may require fencing and security measures for storage of these products.

14. Extreme care shall be given to the servicing and fueling of vehicles and equipment using methods for spill prevention.

15. All vehicles kept on site shall be monitored for leaks and receive regular preventative maintenance to reduce any opportunity of leakage.

A Spill Prevention Control and Countermeasures (SPCC) plan should be developed for the facility to address the safe storage, handling and cleanup of petroleum products and other chemicals.

Petroleum products should be stored in tightly sealed containers that are clearly labeled. If petroleum products are stored on site, a secondary containment facility will be required if the cumulative storage capacity of all tanks greater than 55 gallons at the site exceeds 1,320 gallons.

**Implementation Sequence of Erosion Control Measures:**

1. Prior to land clearing, silt fences shall be installed at areas of natural drainage concentration.

The storm water general permit requires the following be addressed, if applicable:

For drainage locations (a drainage point at boundary of land disturbing activity) that serves an area with 10 or more disturbed areas at one time, a temporary (or permanent) sediment basin providing at least 3,600 cubic feet (133 cubic yards) of storage per acre drained shall be provided until final stabilization of the site. Sediment basins must be installed before major site grading.

2. After land clearing, silt fences and straw wattles (where straw wattles are designated) shall be installed prior to land grading operations and the granular construction entrance shall be installed.
3. As storm sewer is installed, silt fence and straw wattles shall be installed around the upstream end of each culvert and rock outlets shall be installed at the free discharge outlet of each culvert.
4. After the installation of sanitary sewer and water distribution, temporary seeding shall be applied to all disturbed areas.
5. After completion paving and fine dress up grading, permanent seeding and mulch shall be applied to all disturbed areas.

#### Maintenance Plan:

##### Short Term:

1. All erosion and sediment control practices will be checked for stability and operation following every runoff producing rainfall, but in no case less than once every week. Any needed repairs will be made immediately to maintain all practices as designed.
2. Except for the sediment basins, all accumulated sediment shall be removed from structural controls when sediment deposits reach one-third to one-half of the height of the control.

For sediment basins, accumulated sediment shall be removed when capacity has been reduced by fifty percent (50%). All sediment deposits removed shall be properly disposed.

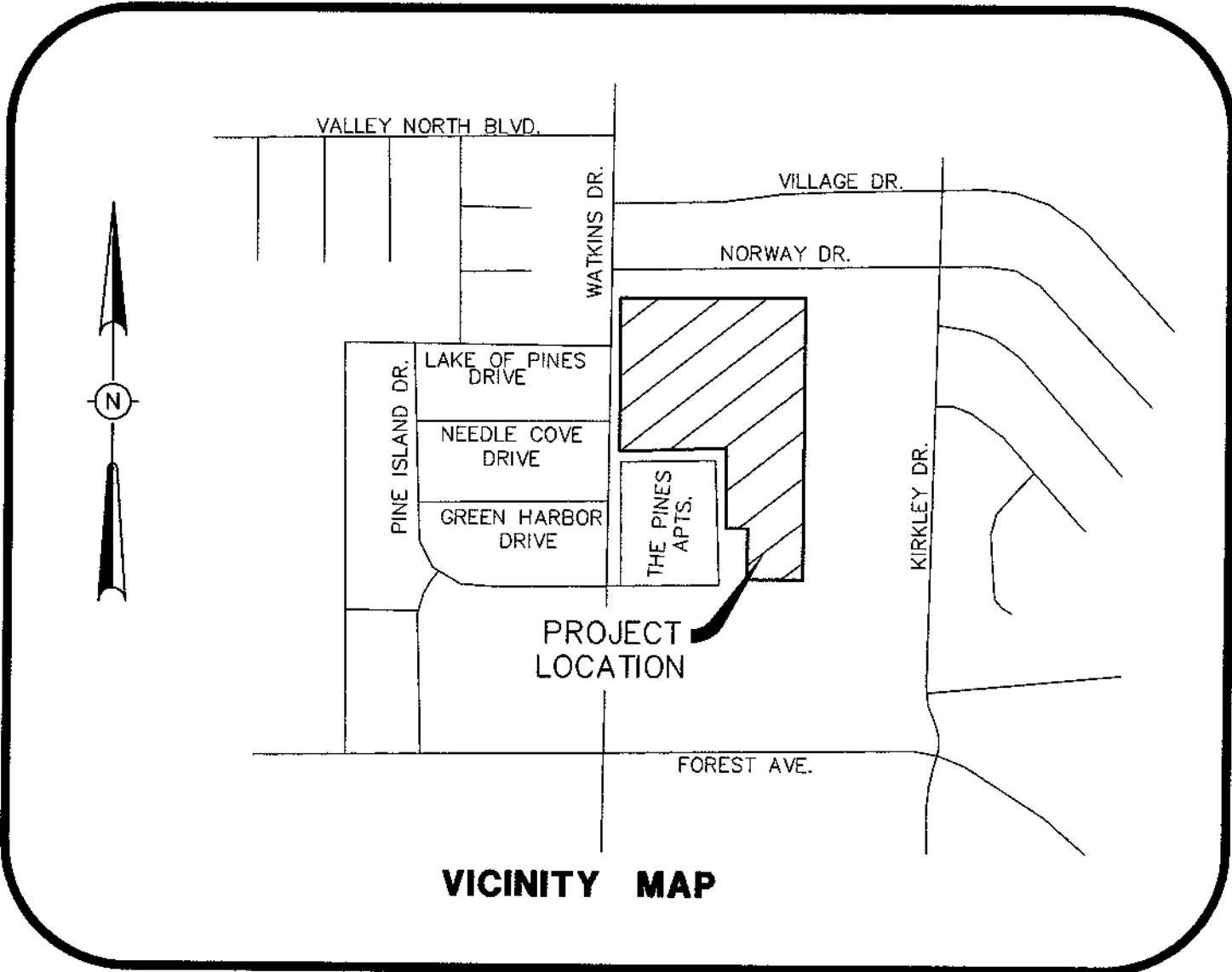
3. All seeded areas will be fertilized and reseeded as necessary to maintain a dense vegetative cover.

##### Long Term:

1. All vegetated areas will be maintained in adequate condition to provide proper ground cover.



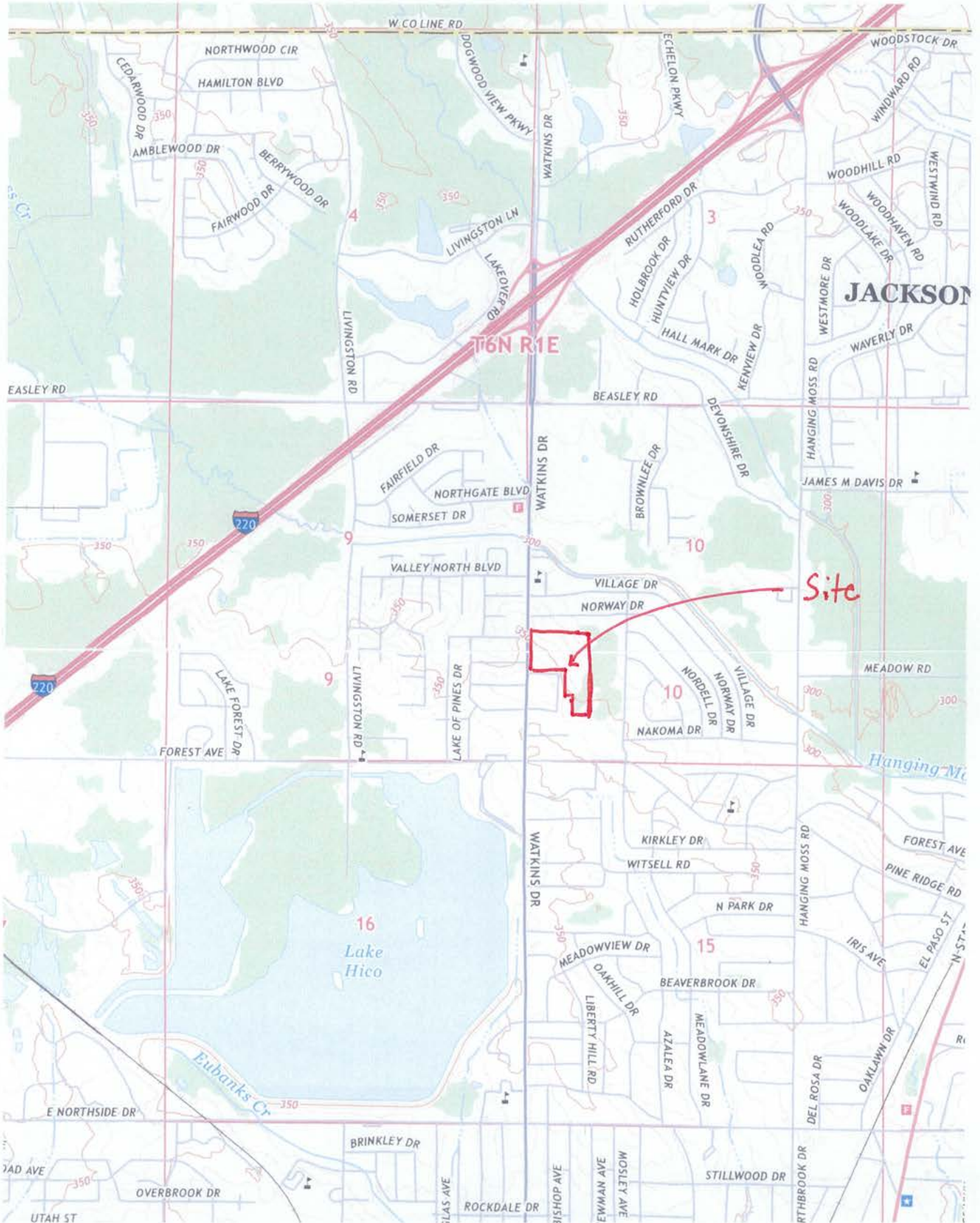
2. Areas where vegetation is lost will be fertilized, seeded and maintained as necessary to restore proper ground cover.
3. Structural measures will be examined at least annually and maintenance performed as needed.



**VICINITY MAP**

1" = 2000'

# Quad Maps: Jackson + Ridgeland





# Michael Watson

SECRETARY OF STATE

This is not an official certificate of good standing.

## Name History

<b>Name</b>	<b>Name Type</b>
FORTSON DEVELOPMENT COMPANY, LLC	Legal

## Business Information

<b>Business Type:</b>	Limited Liability Company
<b>Business ID:</b>	915674
<b>Status:</b>	Good Standing
<b>Effective Date:</b>	07/13/2007
<b>State of Incorporation:</b>	Mississippi
<b>Principal Office Address:</b>	

## Registered Agent

**Name**  
Fortson, Robert N, Sr  
2384 Hwy 80 West;  
Jackson, MS 39204

## Officers & Directors

<b>Name</b>	<b>Title</b>
Matthew Ames 2384 HWY 80 W JACKSON, MS 39204	Manager
Robert N Fortson 299 WEST LEVON OWENS DRIVE TERRY, MS 39170	Manager
Chiquita M Fortson P.O. BOX 3256 JACKSON, MS 39207	Member
Robert N. Fortson Sr 2384 HWY 80 W Jackson, MS 39204	

Matthew Ames  
2384 HWY 80 W  
Jackson, MS 39204

<b>FOR OPC USE ONLY</b> AI NO. _____ PLA NO. _____
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**INFORMATION REGARDING PROPOSED WASTEWATER PROJECTS  
TO: THE MISSISSIPPI OFFICE OF POLLUTION CONTROL**

The Fortson Development Company, LLC  
 (Name of Body Making Application, i.e. Individual, Corporation, Municipality, Developer, etc.)

whose mailing address is P.O. Box 3256, Jackson, MS, 39207  
 (Street and Number) (City) (State) (Zip)

whose responsible official is Matthew Ames, COO  
 (Name) (Title)

and whose phone number is ( 601 ) 948 - 2053

Herewith submits for consideration of the OPC plans, specifications, and other necessary data prepared by

H D Lang and Associates, Inc.  
 (Engineer or Firm)

Jason B. Horton, P.E.  
 (Firm's Project Contact Person, if applicable)

P.O. Box 16085  
 (Mailing Address)

Jackson, MS 39236-6085  
 (City, State, Zip)

( 601 ) 362 - 4886  
 (Phone Number)

who is hereby authorized to represent the applicant in the engineering features of this project for the construction of an extension of an existing sanitary sewer system

(Clearly Describe Project: New System, Modification, Extension, Rehabilitation, Treatment, etc.)

to serve Hico Hills  
 (Subdivision, Plant, School, Other)

located at the Southwest 1/4 of Section 10, T6N-R1E, City of Jackson  
 (Approximate Location, Including Section, Township, and Range)

in ~~the~~ the City of Jackson in the County of Hinds, State of Mississippi, as required by the regulations of the OPC and herewith make application to the OPC for the approval of this project. We understand through the regulations of the OPC that this approval is required prior to the initiation of construction activities.

Upon construction, these facilities will be owned and maintained by \_\_\_\_\_  
the City of Jackson  
(Name of Utility Company, Municipality, Owner, Developer, etc.)

whose mailing address is P.O. Box 17, Jackson, MS, 39205  
(Street and Number) (City) (State) (Zip)

**NOTE: IF THIS PROJECT DOES NOT ADD ANY NEW CONNECTIONS OR ADDITIONAL FLOWS TO THE COLLECTION SYSTEM, YOU MAY OMIT SECTIONS A. THROUGH E. BELOW.**

**A. EXISTING SEWAGE COLLECTION SYSTEM**

1. The facilities collecting the sewage from this proposed project are owned by \_\_\_\_\_  
the City of Jackson  
(Utility Company, Municipality, etc.)
2. The number of connections existing are \_\_\_\_\_
3. The length of sanitary sewers existing are \_\_\_\_\_
4. The number of existing lift stations are \_\_\_\_\_
5. Additional facilities that collect sewage from this proposed project, i.e. a regional wastewater authority, are owned by \_\_\_\_\_

**B. CERTIFICATION(S) FROM COLLECTION ENTITIES**

The official(s) responsible for the wastewater collection facilities denoted in Section A. above, that will serve the proposed project, do hereby certify that we agree to transport the wastewater flows generated from the proposed project. We also hereby certify that we have determined that our collection system(s) have the capacity available to transport properly the wastewater flows generated from the proposed project.

Mary D. Carter  
Signature **Mary D. Carter**  
**Deputy Director of Public Works**  
\_\_\_\_\_  
Title  
City of Jackson  
Entity

\_\_\_\_\_  
Signature  
\_\_\_\_\_  
Title  
\_\_\_\_\_  
Entity

**C. EXISTING SEWAGE TREATMENT WORKS**

1. The facilities responsible for treatment of the sewage from this proposed project are owned by the City of Jackson  
(Utility Company, Municipality, etc.)
2. The OPC Permit Number for this wastewater facility is MS0024295
3. The capacity for this wastewater treatment facility is 46 mgd
4. The treatment type of this wastewater treatment facility is activated sludge  
(Activated Sludge, Aerated Lagoon, etc.)
5. The present population served by the treatment facility is +400,000
6. The operator in charge will be Veolia North America, who is a Class 4 wastewater operator, holding certificate number 4784

**D. CERTIFICATION FROM WASTEWATER TREATMENT ENTITY**

The official responsible for the wastewater treatment facility denoted in Section C. above, that will serve the proposed project, does hereby certify that we agree to treat the wastewater flows generated from the proposed project. We also hereby certify that we have determined that our treatment facility has the capacity available to treat properly the wastewater flows generated from the proposed project.

  
Signature Mary D. Carter

Deputy Director of Public Works

Title

City of Jackson

Entity

**E. PROPOSED PROJECT DETAILS**

1. The ultimate population to be served by this proposed project is 182
2. The number of connections to be added are 52
3. Per capita discharge 100 gpcd: Infiltration 10 gpcd. (Estimate, if unknown)
4. Area Served in Acres 17.2 Design Population Per Acre 10.6
5. The area water is supplied by the City of Jackson  
P.O. Box 17, Jackson, MS 39205-0017  
(Name and Address of Water Utility)



6. Proposed Sewage Pumping Stations

Location or Number	Units Served	Pump Capacity (gpm)	Influent Flow (gpm)	
			Avg.	Peak
n/a				

F. ADDITIONAL CLEARANCES

**NOTE: APPROVAL OF THIS PROJECT SHALL NOT BE GRANTED UNTIL ALL THE MDEQ PERMITS, COVERAGES, AND APPROVALS DENOTED BELOW ARE SATISFACTORILY ADDRESSED.**

- The total area of ground disturbance by clearing, grading, and excavating for utilities, roadways, lots, etc. is 17.2 acres.
- For construction projects disturbing five or more acres, have you applied to MDEQ or an MDEQ approved local authority for construction stormwater permit coverage?  
 Yes       Not applicable

If not applicable, why? \_\_\_\_\_

**NOTE: IF YOU ARE DISTURBING MORE THAN ONE ACRE BUT LESS THAN FIVE ACRES AFTER MARCH 10, 2003, YOU MUST FOLLOW THE REQUIREMENTS OF MDEQ'S SMALL CONSTRUCTION STORM WATER GENERAL PERMIT. ALSO, AFTER MARCH 10, 2003, IF YOU ARE IN AN AREA THAT HAS AN MDEQ APPROVED LOCAL AUTHORITY YOU MUST APPLY FOR APPROVAL FOR 1-5 ACRE CONSTRUCTION PROJECTS. SOME LOCAL AUTHORITIES MAY REQUIRE APPROVAL FOR DISTURBANCE LESS THAN ONE ACRE.**

- Have determinations/authorizations been received from the Corps of Engineers regarding the need for a Section 404 Permit, General Permit or Nationwide Permit for stream or intermittent drain crossings, stream re-routing, or for placing fill material into wetlands?  
 Yes       Pending       Not applicable

If not applicable, why? upland property

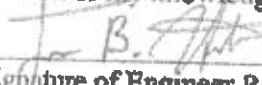
**G. ADDITIONAL CERTIFICATIONS**

We hereby certify that we are the applicants for this project, that we are familiar with the information contained in this form, and that, to the best of our knowledge and belief, such information is true, complete, and accurate.

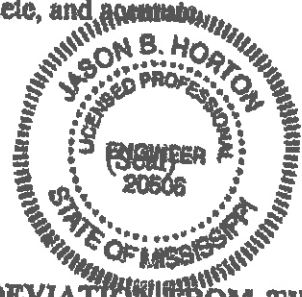
  
Signature of Responsible Official for Body Making Application

Matthew Ames, COO  
Printed Name and Title of Above

I hereby certify that the engineering documents for this project were prepared by myself or under my direct supervision, that I am familiar with the information contained in this form, and that, to the best of my knowledge and belief, such information is true, complete, and accurate.

  
Signature of Engineer Registered Under Mississippi Laws

Jason B. Horton, P.E. #20506  
Typed Name and Registration Number



**THE APPLICANTS AGREE THAT NO CHANGES IN OR DEVIATION FROM THE PLANS AND SPECIFICATIONS APPROVED BY THE OPC WILL BE MADE EXCEPT WITH THE PRIOR CONSENT AND APPROVAL OF THE OPC.**

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_