

AI: 70125

MSR109474

Rec'd via email:  
01/22/2025



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
- Antidegradation report for disturbance within Waters of the State

ALL QUESTIONS MUST BE ANSWERED (Answer "NA" if the question is not applicable)

O.C

MSR10 9474

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE:  OWNER  PRIME CONTRACTOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Larry Britt
OWNER COMPANY LEGAL NAME: C. B. Holdings, LLC
OWNER STREET OR P.O. BOX: 300 Fazio Drive
OWNER CITY: Oxford STATE: MS ZIP: 38655
OWNER PHONE #: (662) 816-9008 OWNER EMAIL: lb@elliottbritt.com

PREPARER CONTACT INFORMATION

IF NOI WAS PREPARED BY SOMEONE OTHER THAN THE APPLICANT
CONTACT PERSON: Andy Clemmer/Elliott&Britt Engineering
COMPANY LEGAL NAME: Elliott & Britt Engineering, P.A.
STREET OR P.O. BOX: P.O. Box 308
CITY: Oxford STATE: MS ZIP: 38655
PHONE # ( ) 662-234-1763 EMAIL: andy@elliottbritt.com

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: Grove Lake Dam
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: Bolt Blvd.
CITY: Oxford STATE: MS 0024678 COUNTY: Lafayette ZIP: 38655
FACILITY SITE TRIBAL LAND ID (N/A If not applicable): N/A
LATITUDE: 34 degrees 19 minutes 46 seconds LONGITUDE: 89 degrees 30 minutes 18 seconds
LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): GPS
TOTAL ACREAGE THAT WILL BE DISTURBED +/-: +/-30.0 Ac.

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

IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: PUD- The Grove of Grand Oaks  
 AND PERMIT COVERAGE NUMBER: MSR106405

ESTIMATED CONSTRUCTION PROJECT START DATE: 2025-03-03  
 YYYY-MM-DD

ESTIMATED CONSTRUCTION PROJECT END DATE: 2026-03-03  
 YYYY-MM-DD

DESCRIPTION OF CONSTRUCTION ACTIVITY: Clearing of trees to normal pool elevation and the construction of an earthen dam.

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:  
 To provide storm water management for the City of Oxford, irrigation source for the Country Club of Oxford golf course and recreational boating and fishing.

SIC Code: 1629 NAICS Code 237990

NEAREST NAMED RECEIVING STREAM: Burney Branch

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

FOR WHICH POLLUTANT: Sediment

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):  
 Smithdale sandy loam and Lexington silt loam Class B. Engineering classification varies with topography and depth - SC-SM, CI, ML

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?

IS A SDS SHEET INCLUDED FOR THE FLOCCULATE? YES  NO

WILL THERE BE A 50 FT BUFFER BETWEEN THE PROJECT DISTURBANCE AND THE WATERS OF THE STATE? YES  NO

IF NOT, PROVIDE EQUIVALENT CONTROL MEASURES IN THE SWPPP.

<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: Dam Construction, 404 & 401

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 THE PROJECT REROUTING, FILLING OR CROSSING A STATE WATER CONVEYANCE OF ANY KIND? (If yes, please provide an antidegradation report.) YES  NO

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 (I.E. MS4) WITH WHICH THE PROJECT MUST COMPLY:

City of Oxford 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)

1/21/25  
Date Signed

Larry L. Britt  
Printed Name<sup>1</sup>

Managing Member  
Title  
C.B. Holdings, LLC

<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

Electronically:

<https://www.mdeq.ms.gov/construction-stormwater/>

Revised 3/23/22

Design of Sediment basins.

NW basin surface area 52000 SF, SE basin area = 55000 SF

From surface area and cross section of basin, volume available with top of basin at elevation 381.0, bottom is natural ground. Available volume computed to be 3.2 acre feet at elevation 380.0, bottom elevation = 376.0, dimensions 115 LF by 350 LF

Using NRCS software WinTR-55, Small Watershed Hydrology and WEB Soil Survey, the drainage parameters are:

Drainage area of disturbed area is 11-12 acres, 15 acres used.

Soils Type C. newly graded area so Curve number = 91, slopes varying from 5 to 14%, TC = 0.1 hr

Drainage set equal for each basin, add note on drawings to direct flow using drainage berms.

From TR-55 run using 2 year storm and 5 year storm, the required Storage volume at elevation 380.0 is 1.4 and 1.8 acre feet using a 10 feet wide spillway.

Available acre feet = 3.2 acre feet

Storage needed = 1.4 Acre feet



01-21-2025

WinTR-55 Current Data Description

--- Identification Data ---

User: JSW Date: 1/21/2025  
Project: Grove Lake Units: English  
SubTitle: NW Sediment Basin Areal Units: Acres  
State: Mississippi  
County: Lafayette  
Filename: C:\Users\jswil\OneDrive\Documents\1A BUSINESS\Grand Oaks Oxford\Grand Oaks Lake\SWPPP\NW Sedime

--- Sub-Area Data ---

Name	Description	Reach	Area (ac)	RCN	Tc
Disturbed	NW basin	Sediment B	15	91	0.1

Total area: 15 (ac)

--- Storm Data ---

Rainfall Depth by Rainfall Return Period

2-Yr (in)	5-Yr (in)	10-Yr (in)	25-Yr (in)	50-Yr (in)	100-Yr (in)	1-Yr (in)
4.1	5.1	5.8	6.8	7.4	8.2	3.5

Storm Data Source: Lafayette County, MS (NRCS)  
Rainfall Distribution Type: Type II  
Dimensionless Unit Hydrograph: <standard>

JSW

Grove Lake  
NW Sediment Basin  
Lafayette County, Mississippi

Storm Data

Rainfall Depth by Rainfall Return Period

2-Yr (in)	5-Yr (in)	10-Yr (in)	25-Yr (in)	50-Yr (in)	100-Yr (in)	1-Yr (in)
4.1	5.1	5.8	6.8	7.4	8.2	3.5

Storm Data Source: Lafayette County, MS (NRCS)  
Rainfall Distribution Type: Type II  
Dimensionless Unit Hydrograph: <standard>



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Grove Lake  
NW Sediment Basin  
Lafayette County, Mississippi

Watershed Peak Table (Trial #1)

Sub-Area or Reach Identifier	Peak Flow by Rainfall Return Period	
	2-Yr (cfs)	5-Yr (cfs)
-----		
SUBAREAS		
Disturbed	69.41	89.62
REACHES		
Sediment B	69.41	89.62
Down	24.52	35.04
OUTLET	24.52	35.04

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Grove Lake  
NW Sediment Basin  
Lafayette County, Mississippi

Watershed Peak Table (Trial #2)

Sub-Area or Reach Identifier	Peak Flow by Rainfall Return Period	
	2-Yr (cfs)	5-Yr (cfs)
-----		
SUBAREAS		
Disturbed	69.41	89.62
REACHES		
Sediment B	69.41	89.62
Down	30.86	42.07
OUTLET	30.86	42.07

JSW

Grove Lake  
NW Sediment Basin  
Lafayette County, Mississippi

Hydrograph Peak/Peak Time Table (Trial #1)

Sub-Area or Reach Identifier	Peak Flow and Peak Time (hr) by Rainfall Return Period	
	2-Yr (cfs) (hr)	5-Yr (cfs) (hr)

-----  
SUBAREAS

Disturbed	69.41	89.62
	11.93	11.93

REACHES

Sediment B	69.41	89.62
	11.93	11.93
Down	24.52	35.04
	12.09	12.09

OUTLET	24.52	35.04
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JSW

Grove Lake  
NW Sediment Basin  
Lafayette County, Mississippi

Hydrograph Peak/Peak Time Table (Trial #2)

Sub-Area or Reach Identifier	Peak Flow and Peak Time (hr) by Rainfall Return Period	
	2-Yr (cfs) (hr)	5-Yr (cfs) (hr)

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SUBAREAS		
Disturbed	69.41	89.62
	11.93	11.93

REACHES		
Sediment B	69.41	89.62
	11.93	11.93
Down	30.86	42.07
	12.08	12.07

OUTLET	30.86	42.07
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JSW

Grove Lake  
NW Sediment Basin  
Lafayette County, Mississippi

Structure Output Table

Reach Identifier      Peak Flow (PF), Storage Volume (SV), Stage (STG)  
Structure Identifier      by Rainfall Return Period  
Identifier      2-Yr      5-Yr

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Reach: Sediment B

Weir : Pond

10(ft)

PF (cfs)      24.52      35.04

SV (ac ft)      1.40      1.78

STG (ft)      .90      1.14

15(ft)

PF (cfs)      30.86      42.07

SV (ac ft)      1.23      1.55

STG (ft)      .79      1.00

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Grove Lake  
NW Sediment Basin  
Lafayette County, Mississippi

Sub-Area Summary Table

Sub-Area Identifier	Drainage Area (ac)	Time of Concentration (hr)	Curve Number	Receiving Reach	Sub-Area Description
Disturbed	15.00	0.100	91	Sediment	BNW basin
Total Area:		15 (ac)			



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Grove Lake  
NW Sediment Basin  
Lafayette County, Mississippi

Reach Summary Table

Reach Identifier	Receiving Reach Identifier	Reach Length (ft)	Routing Method
Sediment B	Outlet		STRUCTURE (Pond)



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Grove Lake  
NW Sediment Basin  
Lafayette County, Mississippi

Sub-Area Land Use and Curve Number Details

Sub-Area Identifier	Land Use	Hydrologic Soil Group	Sub-Area Area (ac)	Curve Number
Disturbed	Newly graded area (pervious only)	C	15	91
Total Area / Weighted Curve Number			15	91

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Grove Lake  
NW Sediment Basin  
Lafayette County, Mississippi

Reach Channel Rating Details

Reach Identifier	Reach Length (ft)	Reach Manning's n	Friction Slope (ft/ft)	Bottom Width (ft)	Side Slope
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Sediment B (This reach is a structure: Pond)

Reach Identifier	Stage (ft)	Flow (cfs)	End Area (sq ft)	Top Width (ft)	Friction Slope (ft/ft)
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Sediment B (This reach is a structure: Pond)

JSW

Grove Lake  
NW Sediment Basin  
Lafayette County, Mississippi

Structure Description - User Entered

Reach Identifier	Surface Area @ Crest (ac)	Height Above Crest (ft)	Surface Area @ Ht Above (ac)	Pipe Diameter (in)	Head on Pipe (ft)	Weir Length (ft)
Sediment B	1.5	1	1.6			10 15

JSW

Grove Lake  
NW Sediment Basin  
Lafayette County, Mississippi

Structure Rating Details - Computed

Reach Identifier	Stage (ft)	Pool Storage (ac ft)	Flows (cfs) @ Weir Length		
			Length #1 10ft	Length #2 15ft	Length #3 ft
Pond	0	0.00	0.000	0.000	
	0.5	0.76	9.899	14.849	
	1	1.55	28.000	42.000	
	2	3.20	79.196	118.794	
	5	8.75	313.050	469.574	
	10	20.00	885.438	1328.157	
	20	50.00	2504.396	3756.594	