



## State of Mississippi



### WATER POLLUTION CONTROL PERMIT

To Operate a Wastewater Disposal System with No Discharge

#### **THIS CERTIFIES**

Sienna Utilities LLC, Sienna Fields Subdivision  
Piney Woods Lane  
Sumrall, MS  
Lamar County

has been granted permission to operate a wastewater disposal system in accordance with the limitations and conditions set forth in this permit. This permit is issued in accordance with the provisions of the Mississippi Water Pollution Control Law (Section 49-17-1 et seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

**Mississippi Environmental Quality Permit Board**

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**Mississippi Department of Environmental Quality**

Issued/Modified:

Expires:

Permit No. MSU070059

Agency Interest # 35872

\*\*\* Draft Permit \*\*\*

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**To Operate a Wastewater Disposal System with No Discharge**

Sienna Utilities LLC, Sienna Fields Subdivision

Subject Item Inventory

Permit Number:MSU070059

Activity ID No.: PER20180001

**Subject Item Inventory:**

<b>ID</b>	<b>Designation</b>	<b>Description</b>
AI35872		
RPNT1	MSU070059	No Discharge Facility

**Receiving Stream Relationships:**

<b>Subject Item</b>	<b>Relationship</b>	<b>Receiving Stream</b>
AI 35872	Discharges Into	Unnamed Tributary of
	Then Into	Black Creek

**KEY**

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

MAFO = Animal Feeding Operation

RPNT = Release Point

WDPT = Withdrawal Point

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

IMPD = Impoundment

PCS = PCS

TRMT = Treatment

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## To Operate a Wastewater Disposal System with No Discharge

Sienna Utilities LLC, Sienna Fields Subdivision

Facility Requirements

Permit Number:MSU070059

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**AI0000035872:**

### Limitation Requirements:

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Condition No.	Parameter	Condition
L-1		<p>The wastewater treatment and disposal system for this project must protect water quality. This permit is subject to modification if future evidence, monitoring results, or other information indicates that surface water quality is being adversely affected. This permit may be modified to require monitoring of surface water if needed to ensure that water quality is being protected.</p> <p>Operation of the wastewater treatment and disposal system for this project shall cease and connection made to a regional or municipal sewer system when available in the area.</p> <p>The volume of flow (GPD) for the influent to the on-site disposal system for this project shall not exceed 5950 gallons per day (initial 17 lots proposed). Any increase in flow for the influent from 5950 gallons per day (initial 17 lots) must be approved by the Office of Pollution Control.</p> <p>This system may not be put into operation until certification is obtained from the Public Service Commission. [WPC-1 Chapter One]</p>

### Narrative Requirements:

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Condition No.	Condition
T-1	The Office of Pollution Control (OPC) must concur with required engineering plans and specifications for the on-site disposal system prior to the commencement of construction. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
T-2	The on-site disposal system must be installed in accordance with the Department of Health standards by a person licensed by the Department of Health or a registered engineer. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]

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Sienna Utilities LLC, Sienna Fields Subdivision

Facility Requirements

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### AI0000035872 (continued):

#### Narrative Requirements:

Condition No.	Condition
T-3	<p>Facility Expansion and/or Modification</p> <p>Any expansion or modification resulting in increased wastewater flow and/or strength must receive prior approval of system expansion and a permit modification from the Environmental Quality Permit Board. Prior approval from OPC must be obtained before making any alterations to the approved disposal system. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(14).]</p>
T-4	<p>No Discharge of Wastewater to Surface Water</p> <p>There shall be no discharge of wastewater to waters of the State, as defined in the Mississippi Water Pollution Control Law, 49-17-5(f), except as provided in the bypassing condition in this permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.B.]</p>
T-5	<p>Bypassing</p> <p>Any diversion from or bypass of the on-site disposal system is prohibited, except where unavoidable to prevent loss of life or severe property damage. The permittee shall notify the Mississippi Environmental Quality Permit Board in writing of each such diversion or bypass in advance where practicable but in any case, within 72 hours of the diversion or bypass, and shall submit to the permit Board a plan to prevent recurrence of the diversion or bypass within thirty (30) days of the incident. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(20).]</p>
T-6	<p>Proper Operation, Maintenance and Replacement</p> <p>The permittee shall at all times maintain in good working order and operate as efficiently as possible all parts of the disposal system and other equipment installed or used to comply with this permit. Should part of the disposal system fail, the permittee must immediately make needed repairs and/or system modifications. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(18).]</p>
T-7	<p>If the disposal system includes an aerobic mechanical plant, the plant and disposal system must be inspected once every six-(6) months by a certified Mississippi Wastewater Operator or by an authorized and trained representative of the mechanical plant manufacturer. Inspection reports shall be submitted to OPC in January and July of each year. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]</p>
T-8	<p>Septic tanks must be cleaned out when necessary, about every 3 to 5 years. The septic tank pumper must be licensed by the Department of Health. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]</p>

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Facility Requirements

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### AI0000035872 (continued):

#### Narrative Requirements:

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Condition No.	Condition
T-9	There shall be no vehicular traffic allowed over any part of the on-site disposal system unless that part of the system is designed and constructed to support the weight. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
T-10	Connection shall be made to a sanitary sewer system when a system is available in the area. Upon such connection, use of the on-site disposal system shall be terminated. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
T-11	Closure Requirements  Should the permittee decide to permanently close the premises that generates the wastewater, he shall notify the Permit Board no later than 90 days prior to doing so. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(18).]
T-12	Transfer of Ownership or Control  This permit is non-transferable except by Permit Board action. [11 Miss. Admin. Code Pt. 6, R. 1.1.5.C.]

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## GENERAL INFORMATION

Sienna Utilities LLC, Sienna Fields Subdivision  
 Piney Woods Lane  
 Sumrall, MS  
 Lamar County

### Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
35872	Sienna Utilities, LLC	Official Site Name	11/28/2007	
35872	Sienna Fields Subdivision	Historic Site Name	6/25/2007	11/28/2007
MSU070059	Sienna Utilities LLC, Sienna Fields Subdivision	Water - SOP	6/19/2008	5/15/2013
MSR104702	Vision Home Builders, LLC, Sienna Fields Subdivision, Phase I	GP-Construction	6/30/2008	3/31/2011
MSR104702	Sienna Utilities LLC, Sienna Fields Subdivision	GP-Construction	3/31/2011	5/28/2013
MSU070059	Sienna Utilities LLC, Sienna Fields Subdivision	Water - SOP	5/15/2013	4/30/2018
MSR104702	Sienna Utilities LLC, Sienna Fields Subdivision, Phase I and Phase II Lots 1 & 2	GP-Construction	5/28/2013	12/31/2015
	Branch	Branches Group - Stormwater-401	7/18/2017	
	Branch	Branches Group - Municipal	8/15/2017	

**Basin:** Pascagoula River Basin

**Location Description:**

**General Facility Description:** Sienna Utilities LLC, Sienna Fields Subdivision

**Relevant Documents:** Cover Page, Commercial SOP Application, Plans and Specs.

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