

STATE WELL REPORT

Part 1

Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2309
Jackson, MS 39225-2309
(601)961-5210
(601)360-0535 (fax)

County: TUNICA
Permit #: GW-51464
Driller: CHAD MATTOX
Date drilling completed: 4/7/21

For Office Use Only.
Well #: F44
Aquifer: _____
E-Log #: _____

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

<p>Well Owner Information (Landowner if borehole is not for a water well)</p> <p>Owner Name: <u>LIMERICK FARMS</u> Mailing Address: <u>1100 EVANSVILLE COVE</u> <u>TUNICA</u> MS <u>38676</u> City State Zip Code Telephone No. (____) _____</p>			<p>Well or Borehole Location</p> <p>Latitude: <u>34.634</u> Longitude: <u>-90.428</u> Method of Lat/Long (check one): Conventional Survey <input type="radio"/>, USGS quad <input type="radio"/>, Hand-held GPS <input type="radio"/>, Survey-grade GPS <input type="radio"/> <u>SW</u> $\frac{1}{4}$ <u>NW</u> $\frac{1}{4}$, Sec. <u>24</u> T <u>05S</u> R <u>12W</u> _____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)</p>		
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Well / Borehole Data

Date drilling started: 4/7/21 Date drilling completed: 4/7/21 Hole depth: 115 Hole diameter: 24
Location of the source of any surface water used for drilling: BEAVERDAM LAKE
Method of dosing and volume of Chlorine used in drilling and development: _____
Logs run (check all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____
Name of organization running log(s): _____
Purpose of borehole (circle one): Water Well Geotechnical/Geological Investigation Ground Source Heat Pump
 Seismic Survey Other (describe) _____
If drilling is not related to water well construction, skip the remainder of this block

Purpose of Well (check all applicable): Home Industrial Public Supply Irrigation Fish Culture
Other (describe): _____
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: 12 feet above / below land surface Date measured: 4/7/21
(select one)
Method of measurement (select one): Steel tape Electric tape Air line Other (describe): _____
Well depth: 115 Well grouted to a depth of: 10 feet Type of grout (select one): Neat Cement Bentonite Mix
Casing length: 75 feet Casing diameter: 16 inches Type of casing: PVC
Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC
Screen slot size: .032 inches Setting depth: From 70 feet to 115 feet
Type of completion (check all applicable): Gravel packed Underreamed Open hole Natural Development
Other (describe): _____
Top of lap pipe or reduction in casing: _____ feet
If telescoped or more than one screen, describe on next page

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BY OLWR

County: TUNICA
Permit #: GW-51464

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The sketch below only required for water wells

Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

If well telescopes, show depths on sketch.

Ground Level	
15	CASING
20	CASING
20	CASING
20	CASING
20	SCREEN
20	SCREEN

Description of Formations Encountered	From (depth) To (depth)	
	Ground level	10
MED SAND	10	20
MED SAND & PEA GRAVEL	20	70
COURSE SAND & PEA GRAVEL	70	80
COURSE SAND	80	90
MED SAND & PEA GRAVEL	90	115

If more than one screen, show location of each on sketch

Sketch the property layout and include the following:

- 1) the well location
- 2) any permanent structures on the property that may aid in locating the well
- 3) any roads, power lines, or other items that may aid in locating the property and the well
- 4) north arrow

Landowner Name: _____

I HEREBY CERTIFY that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

CHAD MATTOX UNR 8243

Print Name of Responsible Licensee and License No.

6/1/21
Date

(Signature)
Signature of Licensee

CIRCLE S IRRIGATION INC. TO INSTALL PUMP

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Untitled Map
Write a description for your map.

34°38'3.84"N 90°26'41.52"W

Legend
34.63440 N 90.4172 W
Feature 1

Google Earth

© 2021 Google

400 ft





STATE OF MISSISSIPPI
Department of Environmental Quality
Office of Land and Water Resources
P.O.Box 2309
Jackson, Mississippi 39225

21-0018

PERMIT
TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

This permit is issued to the landowner named below in accordance with the provisions of the Mississippi Water Laws, Mississippi Code Sections 51-3-1, et seq.(1972, as amended), and the regulations and standards as promulgated thereunder. Whether or not specifically named in this permit or in the applications for this permit, anyone using water from the diversion/withdrawal point described below shall do so in compliance with the provisions of this permit. Neither this permit, nor any authority conferred hereby, may be sold, conveyed, encumbered, assigned or otherwise aliened, for any period of time or under any conditions whatsoever. This permit may not be modified, transferred, or revoked without prior action by the Permit Board. Any attempts to modify, transfer or revoke this permit, or to take any other action on this permit, shall be invalid and unenforceable and may result in immediate revocation or suspension of this permit. The holder of this permit shall at all times be responsible for adherence to the terms and conditions of this permit. No agreement between the permit holder and any other party shall affect the obligation, and liabilities of the permit holder. Water use under this permit is allowed only when the streamflow or lake level elevation (whichever, if any, is applicable) is above the established minimum, pursuant to Mississippi Code Section 51-3-7. Authorization is hereby granted to divert withdraw water for the beneficial use designated herein, and for no other purpose, subject to the following terms, conditions, and limitation.

Permit Number: MS-GW-51464 Total Permitted Acreage: 120

Landowner Name: LIMERICK FARMS
Landowner Address: 1100 EVANSVILLE COVE
WILL OWEN
TUNICA, MS 38676

Source of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use(s): IRRIGATION

Diversion/Withdrawal Location: SW 1/4 of the NW 1/4 Section: 24 Township: 05S Range: 12W

County: TUNICA Quad: TUNICA MS

Permitted Acreage: Irrigation: 120 Fish Culture: 0 Wildlife Management: 0

Maximum Volume: See Special Terms And Conditions (attachment 1)

Applicant Name: LIMERICK FARMS
Applicant Address: 1100 EVANSVILLE COVE
WILL OWEN
TUNICA, MS 38676

Date Permit Issued: 03/04/2021

Date Permit Expires: 03/04/2026

Date Permit Modified:

Date Permit Reissued:

This permit shall be deemed null and void if construction has not begun within one (1) year of the permit issue date.

SPECIAL TERMS AND CONDITIONS 1:

The permitted water volume must be reduced by the amount of water applied to the same acreage from other permitted point(s): MS-GW-11780, MS-GW-11781

SPECIAL TERMS AND CONDITIONS 2:

See Attachment 1 which is hereby declared part of this permit

Handwritten signature of Kay White