

STATE WELL REPORT

145

County: TALLAHATCHIE
 Permit #: GW-51220
 Driller: CHAD MATTOX
 Date drilling completed: 11/20/20

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)

For Office Use Only:

Well #: E 93
 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.

Well Owner Information <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>MALLARD LAKE LLC</u>	Latitude: <u>34 01 11N</u> Longitude: <u>90 12 09W</u>
Mailing Address: _____ <u>12340 QUITMAN MERIDIAN HWY</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>MERIDIAN</u> MS 39301	<u>NE ^{NW} ¼ SW ¼, Sec 21 T 25N R 01E</u>
City State Zip Code	_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)
Telephone No. (____) _____	

Well / Borehole Data

Date drilling started: 11/20/20 Date drilling completed: 11/20/20 Hole depth: 87' Hole diameter: 19"

Location of the source of any surface water used for drilling: _____

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: 21 feet above below land surface Date measured: _____
(select one)

Method of measurement (select one): Steel tape Electric tape Air line Other (describe): _____

Well depth: 87 Well grouted to a depth of: 10 feet Type of grout (select one): Neat Cement Bentonite Mix

Casing length: 47 feet Casing diameter: 12 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 12 inches Type of screen: PVC

Screen slot size: .032 inches Setting depth: From 47 feet to 87 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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STATE OF MISSISSIPPI
Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2309
Jackson, Mississippi 39225

20-0492

emailed
Chad 11-30-20

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 obligations 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 limitations:

Permit Number: MS-GW-51220 **Total Permitted Acreage:** 26

Landowner Name: MALLARD LAKE LLC
Landowner Address: 12340 QUITMAN MERIDIAN HWY
MIKE CASTLE
MERIDIAN, MS 39301

Source of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use(s): WILDLIFE MANAGEMENT

Diversion/Withdrawal Location: NE 1/4 of the SW 1/4 **Section:** 21 **Township:** 25N **Range:** 01E
County: TALLAHATCHIE **Quad:** FISHHOOK LAKE
Permitted Acreage: **Irrigation:** 0 **Fish Culture:** 0 **Wildlife Management:** 26
Maximum Volume: See Special Terms And Conditions (attachment I)

Applicant Name: MALLARD LAKE LLC
Applicant Address: 12340 QUITMAN MERIDIAN HWY
MIKE CASTLE
MERIDIAN, MS 39301

Date Permit Issued: 07/21/2020

Date Permit Expires: 07/21/2025

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:

See Attachment I which is hereby declared part of this permit.

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Kay Whittington

Kay Whittington, Director
Office of Land and Water Resources

County: TALLAHATCHIE
 Permit #: GW-51220

For Office Use Only:
 Well #: _____

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level ↙

7	CASING
27	CASING
47	CASING
67	SCREEN
87	SCREEN

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

Description of Formations Encountered	From (depth)	To (depth)
	Ground level	10
CLAY/ MEDIUM SAND	10	20
MEDIUM SAND & PEA	20	30
MEDIUM SAND & PEA & GRAVEL	30	40
MEDIUM SAND & PEA & GRAVEL	40	50
MEDIUM SAND & PEA & GRAVEL	50	60
MEDIUM SAND & PEA & GRAVEL	60	70
MEDIUM SAND & PEA & GRAVEL	70	80
MEDIUM SAND & PEA & GRAVEL	80	87

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

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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 2/3/21 Chad Mattox
 Print Name of Responsible Licensee and License No. Date Signature of Licensee

STATE WELL REPORT

Part 2

Pump Installer's Completion Report

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: <u>TALLAHATCHIE</u>
Permit #: <u>GW-51220</u>
Driller: <u>CHAD MATTOX</u>
Date completed: _____
Copy information from block on Part 1

For Office Use Only:
Well #: <u>E 93</u>
Aquifer: _____

This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.

Well Owner Information	Well Location
Owner Name: <u>MALLARD LAKE LLC</u>	Latitude: <u>34 01 11N</u> Longitude: <u>90 12 09W</u>
Mailing Address: _____ <u>12340 QUITMAN MERIDIAN HWY</u>	Method of Lat/Long (select one): Conventional Survey <input type="radio"/> , USGS quad <input type="radio"/> , Hand-held GPS <input checked="" type="radio"/> , Survey-grade GPS <input type="radio"/>
<u>MERIDIAN</u> <u>MS</u> <u>39301</u>	<u>NE 1/4</u> <u>SW 1/4</u> , Sec <u>21</u> T <u>25N</u> R <u>01E</u>
City State Zip Code	_____ Miles _____ of _____
Telephone No. (____) _____	(Distance) (Direction) (Nearest Town)

Pump Type (select one)
<input type="radio"/> Submersible <input type="radio"/> Turbine <input type="radio"/> Air Lift <input type="radio"/> Centrifugal <input type="radio"/> Flowing Well <input type="radio"/> Jet <input type="radio"/> Piston <input type="radio"/> Rotary <input type="radio"/> Other (describe): _____
Date Pump Installed: _____ Rated Pump Capacity: _____ Gallons Per Minute
Is This Pump (select one): <input type="radio"/> New <input type="radio"/> Repaired <input type="radio"/> Replacement

Power Type (select one)
<input type="radio"/> Electric <input type="radio"/> Diesel <input type="radio"/> Gasoline <input type="radio"/> Natural Gas <input type="radio"/> Tractor PTO <input type="radio"/> Windmill <input type="radio"/> Other (describe): _____
Horse Power Rating of Motor: _____ Setting Depth: _____ feet Number of Stages: _____

Pump Test Data for Non Flowing Well
Date Well Tested: _____ Duration of Pump Test (minimum 4 hours): _____ hours
Static Water Level (A): <u>21</u> Feet Below Land Surface Pumping Water Level (B): _____ Feet Below Land Surface
Drawdown [(B) - (A)]: _____ Feet Below Land Surface Test Pumping Rate: _____ Gallons Per Minute
Method of measurement (select one): <input checked="" type="radio"/> Steel tape <input type="radio"/> Electric tape <input type="radio"/> Air line <input type="radio"/> Other (describe): _____

Pump Test Data for Flowing Well
Measured shut in head: _____ feet.
Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping

Meter Installation
Meter Manufacturer: _____ Meter Serial Number: _____
Meter Model Number/Name: _____ Type of Meter: _____
Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): _____
Installation Date: _____ Meter installed by: _____
Is This Meter (circle one): <input type="radio"/> New <input type="radio"/> Repaired <input type="radio"/> Replacement
Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.	
<u>David P. Holt</u> <u>0-752P</u>	
Print Name of Pump Installer and License No. (if applicable)	Date Signature of Pump Installer

12/15/2020

420 Rain St, Clarksdale, MS to 5860-6288 White Lake Rd, Tutwiler, MS 38963 - Google Maps

Google Maps

420 Rain St, Clarksdale, MS to 5860-6288 White Lake Rd, Tutwiler, MS 38963

Drive 30.8 miles, 38 min

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Imagery ©2020 Maxar Technologies, State of Arkansas, USDA Farm Service Agency, Map data ©2020

200 ft



via US 49 S

38 min

Fastest route

30.8 miles

20-0492
Malheur Lake



via MS-322 E and MS-321 S

42 min

<https://www.google.com/maps/dir/420+Rain+St,+Clarksdale,+MS/34+01+11N+90+12+09W/@34.0209064,-90.2028048,725m/data=!3m1!1e3!4m1!14m10!1ms1!1ms1!1s0x862ade4e7f594b05:0x5e139ee...>