

County: Carroll
 Permit #: GW-51398
 Driller: Chicot Irrigation, Inc.
 Date drilling completed: 7-28-21

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)

For Office Use Only:
 Well #: L 55
 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 <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name: <u>ZPD Farms LLC c/o Land Mgt Group</u>	Latitude: <u>33° 21' 33.9"N</u> Longitude: <u>90° 10' 2.1"W</u>
Mailing Address: <u>P.O. Box 1720</u>	Method of Lat/Long (check one): <input type="checkbox"/> Conventional Survey, <input type="checkbox"/> USGS quad, <input checked="" type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS
<u>Collierville</u> <u>TN</u> <u>38027</u> City State Zip code	<u>SE</u> ¼ <u>SW</u> ¼, Sec <u>2</u> T <u>17N</u> R <u>1E</u>
Telephone No. <u>() -</u>	<u>SE</u> of <u>Sidon</u> (Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 7-28-21 Date drilling completed: 7-28-21 Hole depth: 116' Hole diameter: 24"

Location of the source of any surface water used for drilling: Surface Water

Method of dosing and volume of Chlorine used in drilling and development: 50 PPM

Logs run (check all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): _____

Purpose of borehole (check 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: _____ feet [above or below] land surface Date measured: _____
(check one)

Method of Measurement (check one) Steel tape Electric tape Air line Other: (describe) _____

Well depth: 116' Well grouted to a depth of: 10 feet Type of grout (check one): Neat Cement Bentonite Mix

Casing length: 96 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 16 inches Type of screen: Stainless Steel

Screen slot size: .050 inches Setting depth: From 77 feet to 96 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

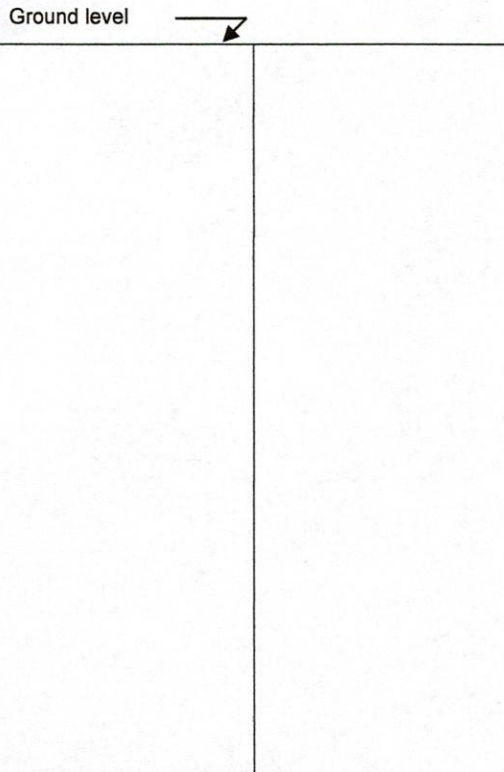
If telescoped or more than one screen, describe on next page

RECEIVED
 OCT 11 2021
 BY OLWR

County: Carroll
Permit #: GW-51398

For Office Use Only:
Well #: _____

The sketch below only required for water wells
If well telescopes, show depths on sketch.



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)
Clay	Ground level	32
Fine Sand	33	39
Fine Sand & Gravel	40	74
Med. Sand & Gravel	75	96
Fine Sand	97	116

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) a north arrow

RECEIVED
OCT 11 2021
BY OLWR

Landowner Name: _____

Form: OLWR-SWR-1A (04/08)

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.

John Newcome - 0773 9.22.21 [Signature]
Print Name of Responsible Licensee and License No. Date Signature of Licensee

Form: OLWR-SWR-1A (4/13)

County: Carroll
 Permit #: GW-51398
 Driller: Chicot Irrigation, Inc.
 Date drilling completed: 7-28-21
Copy information from block on Part 1

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)

For Office Use Only:

Well #: L 55
 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>ZPD Farms LLC c/o Land Mgt Group</u>	Latitude: <u>33° 21' 33.9"N</u> Longitude: <u>90° 10' 2.1"W</u>
Mailing Address: <u>P.O. Box 1720</u>	Method of Lat/Long (check one): <input type="checkbox"/> Conventional Survey, <input type="checkbox"/> USGS quad, <input checked="" type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS
<u>Collierville</u> <u>MS</u> <u>38027</u> City State Zip code	<u>SE</u> ¼ <u>SW</u> ¼, Sec <u>2</u> T <u>17N</u> R <u>1E</u>
Telephone No. <u>() -</u>	<u> </u> Miles <u>SE</u> of <u>Sidon</u> (Distance) (Direction) (Nearest Town)

Pump Type (check one)

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____

Date Pump Installed _____ Rated Pump Capacity: 2100 +/- Gallons Per Minute
 Is This Pump (check one): New Repaired Replacement

Power Type (check one)

Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____

Horse Power Rating of Motor: 60 Setting Depth: 70 feet Number of Stages: 1

Pump Test Data for Non Flowing Well

Date Well Tested: _____ Duration of Pump Test (minimum 4 hours): _____ Hours
 Static Water Level (A): _____ 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 (check one): Steel tape Electric tape Air line 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 (check one): New Repaired 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.

John Newcome - 0773 9-22-21 [Signature]
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer
 Form: OLWR-SWR-1B (4/13)

STATE OF MISSISSIPPI



Department of Environmental Quality
Office of Land and Water Resources

CERTIFICATE OF PERMIT COVERAGE

*Under Mississippi's GROUNDWATER WITHDRAWAL GENERAL PERMIT
TO WITHDRAW groundwater from the Mississippi River Valley Alluvial Aquifer
FOR the beneficial use of Irrigation, Aquaculture, or Enhancement of Wildlife Habitat*

General Permit: MRVA-002
Certificate Number: MS-GW-51398
Total Permitted Acreage: 105

Landowner Name: ZPD FARMS LLC
Landowner Address: PO BOX 1720
LAND MANAGEMENT GROUP
COLLIERVILLE, TN 38027

Source of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER
Beneficial Use(s): IRRIGATION

Diversion/Withdrawal Location: NW 1/4 of the SE 1/4 **Section:** 02 **Township:** 17N **Range:** 01E

County: CARROLL **Quadrangle:** CRUGER

Permitted Acreage: Irrigation: 105 Fish Culture: 0 Wildlife Management: 0

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

Applicant Name: ZPD FARMS LLC
Applicant Address: PO BOX 1720
LAND MANAGEMENT GROUP
COLLIERVILLE, TN 38027

Date Original Permit Issued: 12/01/2020

Date Coverage Expires: 10/05/2023

Date Coverage Modified:

Date Coverage Granted:

SPECIAL TERMS AND CONDITIONS 1:

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

SPECIAL TERMS AND CONDITIONS 2:

REPLACEMENT WELL FOR MS-GW-46991

RECEIVED
OCT 11 2021
BY OLWR

Kay Whittington, Director
Office of Land and Water Resources



Google Earth



RECEIVED
OCT 11 2021
BY OLWR