

County: Washington  
Permit #: GW-45811 /  
Driller: Irrigation Equipment  
Date drilling completed: 02/01/2012

**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  
(601) 961-5210  
(601) 961-5228 (fax)

For Office Use Only:  
Aquifer: A 235  
Well #: \_\_\_\_\_  
L.S. Elevation: \_\_\_\_\_  
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.*

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name <u>Metcalfe Farms Inc.</u>	Latitude: <u>33 ° 27 ' 35 "</u> Longitude: <u>90 ° 58 ' 29 "</u>
Mailing Address: <u>P.O. Box 190</u>	Method of Lat/Long (check one): <input type="checkbox"/> Conventional Survey,
<u>Metcalfe</u> <u>Ms</u> <u>38760</u>	<input type="checkbox"/> USGS quad, <input checked="" type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS
City State Zip code	<u>SE</u> <u>1/4</u> <u>SE</u> <u>1/4</u> Sec <u>25</u> Twn <u>19N</u> Rng <u>8W</u>
Telephone No. ( ) -	Distance Direction Nearest Town
	<u>3</u> Miles <u>Northeast</u> of <u>Greenville</u>

**Well / Borehole Data**

Date drilling started: 02/01/2012 Date drilling completed: 02/01/2012 Hole depth: 105 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 one)  Home  Industrial  Public Supply  Irrigation  Fish Culture  Other: Replacement

If flowing, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_

Static Water Level: \_\_\_\_\_ feet above or below (check one)  land  surface Date measured: \_\_\_\_\_

Method of Measurement (check one)  steel tape  electric tape  air line  other: \_\_\_\_\_

Well depth: 105 Well grouted to a depth of 10 feet Type of grout (check one):  Neat Cement  Bentonite  Mix

Casing length: 85 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .050 inches Setting depth: From 86 feet to 105 feet

Type of completion (check all applicable):  Gravel packed  Underreamed  Telescoped  Open hole  Natural Development

Other (describe): Customer will get pump set

Top of lap pipe or reduction in casing: \_\_\_\_\_ feet. *If telescoped or more than one screen, describe on next page*

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

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The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground level

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)
<b>Brown Sand</b>	Ground level	<b>25</b>
<b>Fine Sand</b>	<b>26</b>	<b>35</b>
<b>Clay</b>	<b>36</b>	<b>75</b>
<b>Medium Sand &amp; Gravel</b>	<b>76</b>	<b>95</b>
<b>Clay</b>	<b>96</b>	<b>105</b>

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.

Landowner Name: Metcalfe Farms Inc.

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

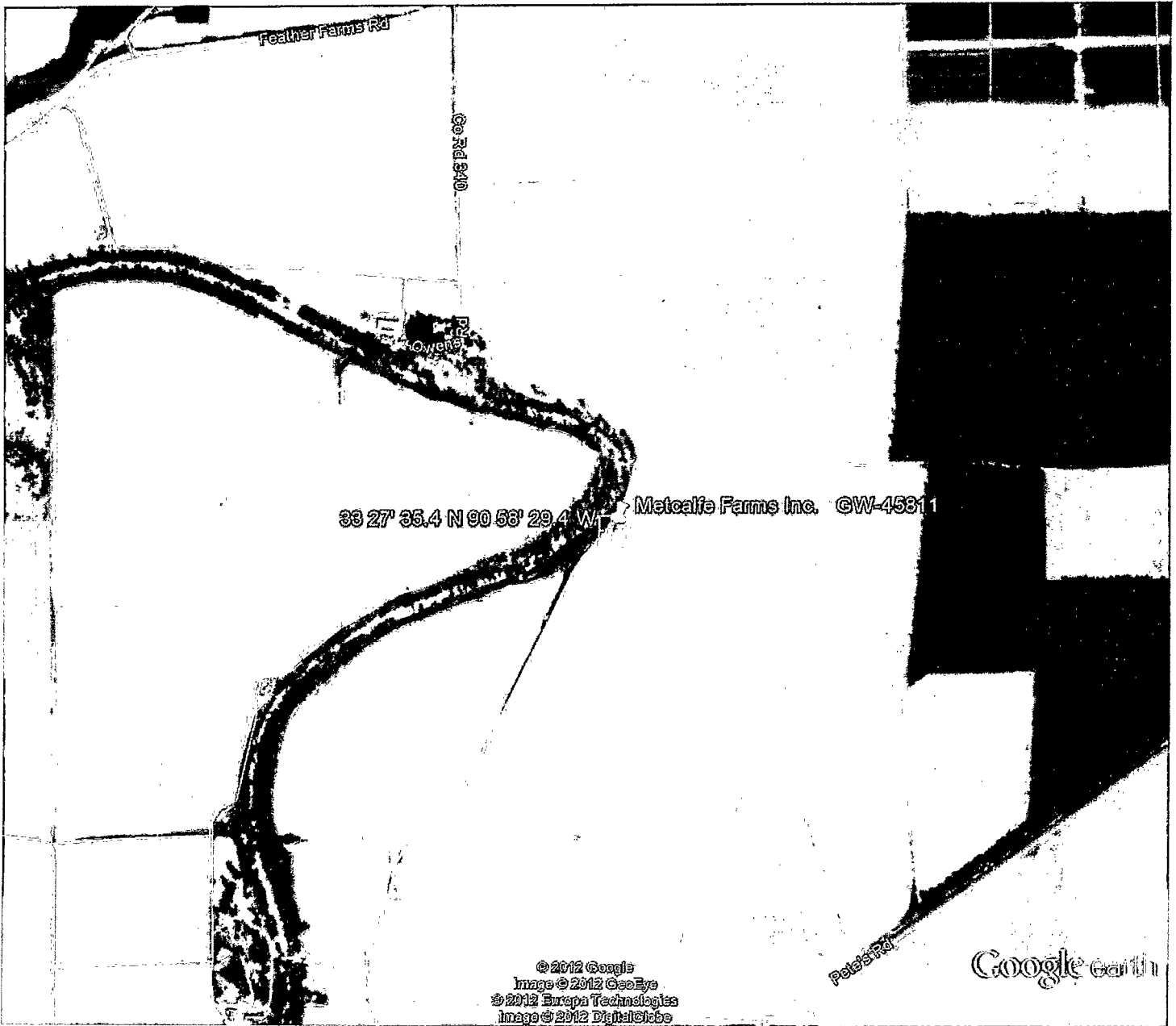
I certify that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

**Patrick Chism/Irrigation Equipment 0695**  
 Print Name of Responsible Licensee and License No.

02/03/2012  
 Date

Signature of Licensee

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33 27' 35.4 N 90 53' 29.4 W Metcalf Farms Inc. GW-4531

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Dean A. Pennington, PhD  
Executive Director

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www.ymd.org

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## Yazoo Mississippi Delta Joint Water Management District

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January 30, 2012

Metcalfe Farms Inc.  
Harley Metcalfe III  
P. O. Box 190  
Metcalfe, MS 38760

RE: Well Drilling / Authorization

Permit No: GW-45811

Dear Mr. Metcalfe:

This letter is to authorize the construction of a new well that is to be drilled in the Mississippi River Valley Alluvial Aquifer. Your application has been received and is currently being processed. The intended well location for your application is:

**Location: Section\_25\_Township\_\_19N\_Range\_\_08W\_County\_\_Washington**

A copy of this notice or permit **must be** attached to the State Well Report. This report is a requirement of the State Well Drillers Regulation. A copy of this report **must be** mail or faxed to YMD Joint Water Management District.

Please be sure to complete the application process. **This is a temporary notice until you receive your permit.** If you have any questions please call our office at 662/686-7712.

Sincerely,

*Dillard Melton, Jr.*

Dillard Melton Jr.  
Permitting Director

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