County: Jackson 17302
Permit #: MS-6W-~~17381~~
Driller: Lyman Well
Date drilling completed: 2-29-2019

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:
Well #: L0213
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)

Owner Name Jackson County Utility Authority
Mailing Address: 1225 Jackson Avenue
Pascagoula MS 39567
City State Zip Code
Telephone No. (228) 762-0119

Well or Borehole Location

Latitude: 30 ° 31 ' 46.71 " Longitude: 88 ° 32 ' 34.29 "
30.529642 88.542858
Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS

~~NE~~ ¼ NW ¼ Sec 13 Twn 6S Rng 6W

Distance Miles Direction of Nearest Town

Well / Borehole Data

Date drilling started: 2-10-2019 Date drilling completed: 2-29-2019 Hole depth: 100 Hole diameter: 16X10

Location of the source of any surface water used for drilling: NA
Method of dosing and volume of Chlorine used in drilling and development: Bleach

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Logs run (circle all applicable): No log run (Electric) (Gamma Ray) Density Sonic Neutron Other:
Name of organization running log(s): Teaco

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:

If a flowing well, method of flow regulation: Valve ___ Other (describe)

Static Water Level: 9'10" feet above or below (circle one) land surface Date measured: 3-13-19

Method of Measurement (circle one) steel tape (electric tape) air line other:

Well depth: 100 Well grouted to a depth of 42 feet Type of grout (circle one): Neat Cement Bentonite (Mix)

Casing length: 60 feet Casing diameter: 10" inches Type of casing: 304 SS

Screen length: 40 feet Screen diameter: 10" inches Type of screen: SS Wrap

Screen slot size: .012 inches Setting depth: From 60 feet to 100 feet

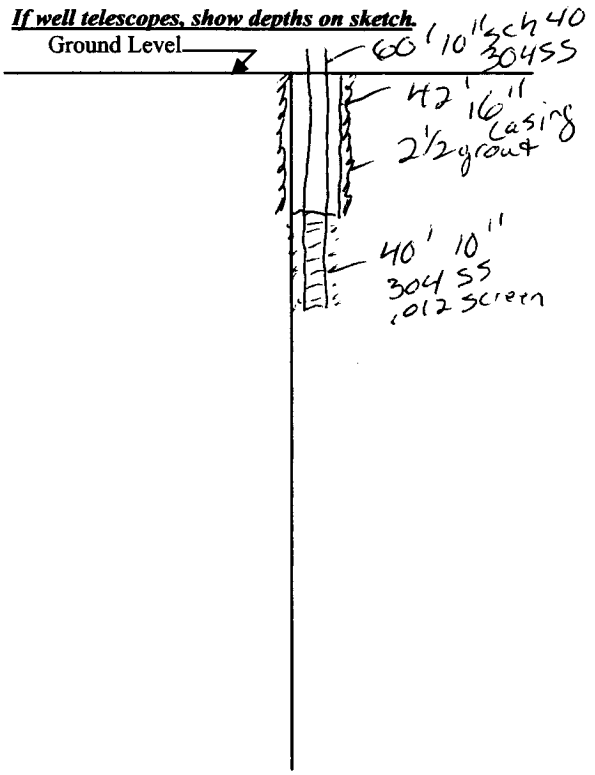
Type of completion (circle all applicable): (Gravel packed) Underreamed Telescoped Open hole Natural Development
Other (describe): Casing cemented to top of sand lap back to GL

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

L0213

The sketch below only required for water wells

If well telescopes, show depths on sketch.



If more than one screen, show location of each 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)
Dense clay	Ground Level	27'
coarse sand	27'	100

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.

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See Map

Landowner Name: JCUA

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.

Josh Gadner O-640 3/29/2019

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

County: Jackson
Permit #: MSGW-17302
Driller: Lyman Well
Date completed: 9/17/2019
Copy information from block on Part 1

For Office Use Only:
Aquifer:
Well #: L0213
Elevation:

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

Owner Name: JCUA
Mailing Address: 1225 Jackson Ave.
Pascagoula MS 39567
City State Zip Code
Telephone No. (228) 762-0119

Well Location

Latitude: 30 31 47 Longitude: 88 32 32
Method of Lat/Long (check one): Conventional Survey___, USGS quad___, Hand-held GPS___, Survey-grade GPS___
NE ¼ NW ¼ Sec 13 T 6S R 6W
Distance Direction Nearest Town
_____ Miles _____ of _____

Pump Type
Circle one

Air Lift | Jet | (Submersible)
Bucket | Piston | Turbine
Centrifugal | Rotary | Flowing Well
Other (specify): _____
Date Pump Installed: 9/17/19
Rated Pump Capacity: 450 Gallons Per Minute

Power Type
Circle one

Diesel Engine | Gasoline Engine | Natural Gas
(Electric Motor) | Hand | Tractor PTO
Windmill | Other (specify): _____
Horse Power Rating of Motor: 15
Setting Depth: 82 feet
Number of Stages: 1

Pump Test Data

Date Well Tested: 9/17/19
Static Water Level (A): 10.6 Feet Below Land Surface
Pumping Water Level (B): 33'6" Feet Below Land Surface
Drawdown [(B) – (A)]: 23 Feet Below Land Surface
Test Pumping Rate: 351 Gallons Per Minute
Duration of Pump Test (minimum 4 hours): 25 hours

Method of Measuring Water Level
Circle one

Air Line | (Electric Measuring Line) | Steel Tape
Other (specify): _____

For flowing well, measured shut in head: _____ feet
Well yielded _____ GPM with a drawdown of
_____ feet after _____ hours of pumping

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Josh Ladner 0-6410
Print Name of Pump Installer and License No. (if applicable)

Signature of Pump Installer

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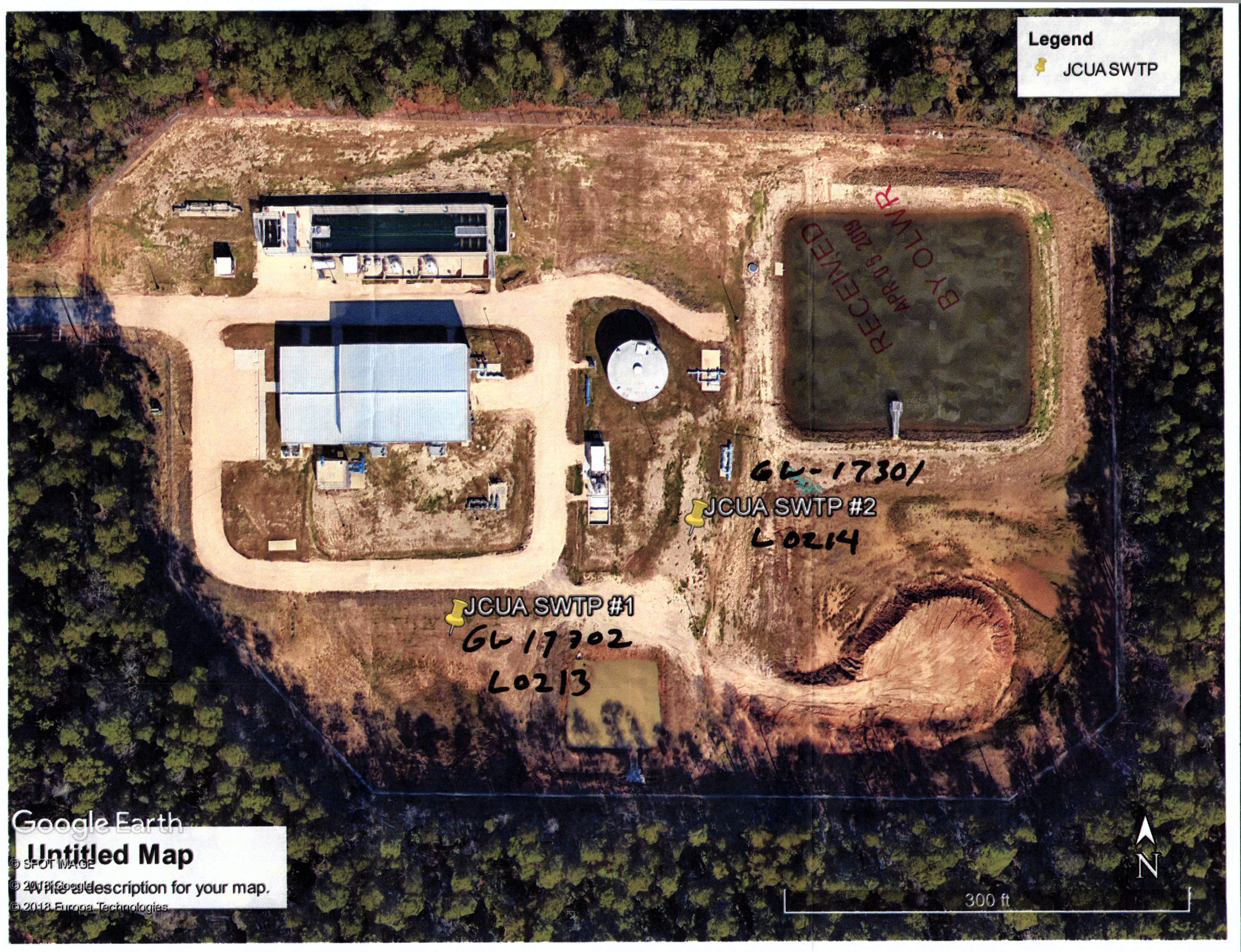
SEP 25 2019
BY OLWR

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


Legend
JCUA SWTP
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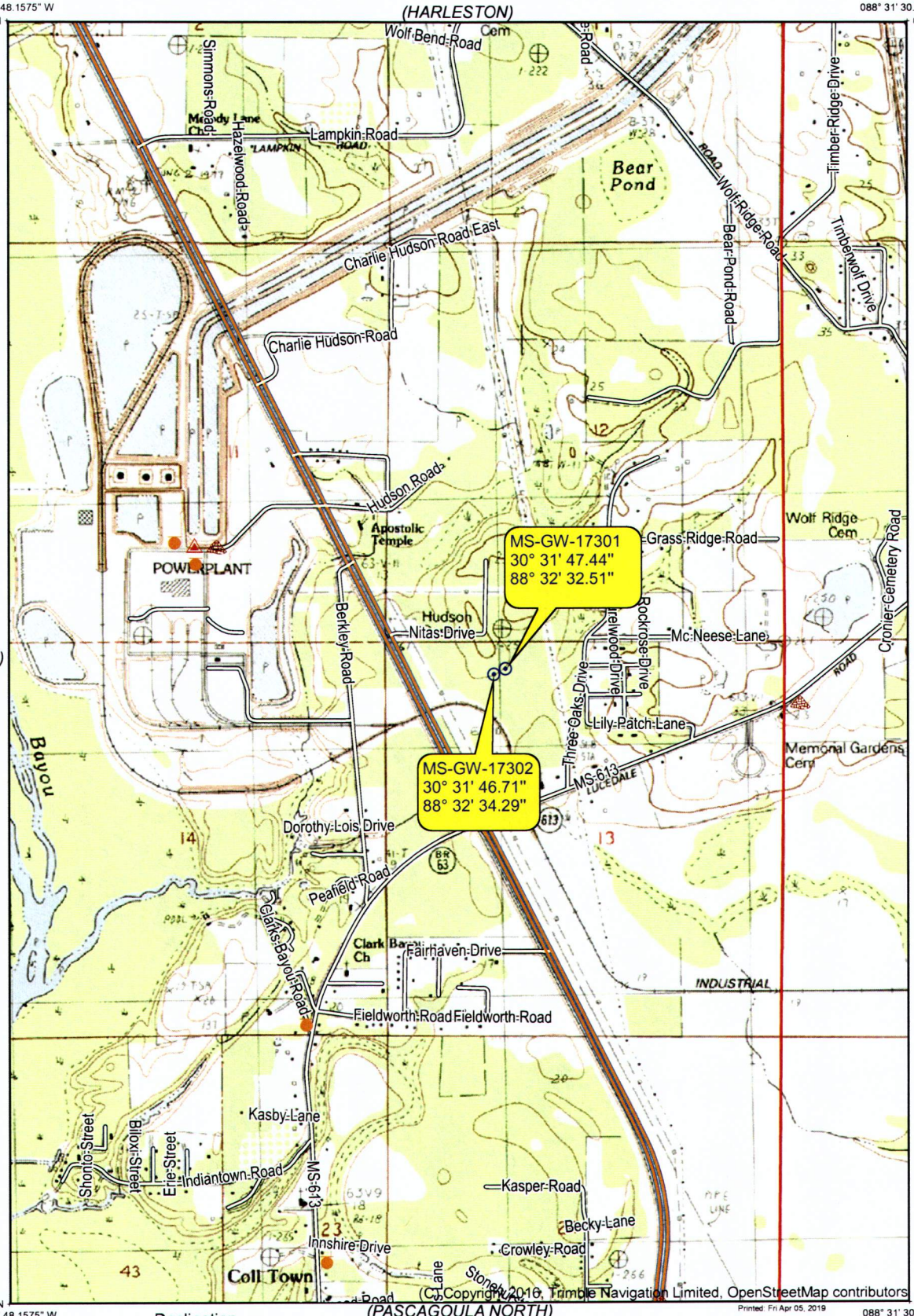
APR 05 2019
BY OLWR
GL-1730/
JCUA SWTP #2
L0214
JCUA SWTP #1
GL 1730?
L0213
Google Earth
Untitled Map
Write a description for your map.
© SPOT IMAGE
© 2018 Google
© 2018 Europa Technologies
N
300 ft

THREE RIVERS QUADRANGLE
MISSISSIPPI
TOPOGRAPHIC SERIES

(EASEN HILL) (HARLESTON) (HURLEY)

088° 33' 48.1575" W
030° 33' 11.8590" N

088° 31' 30.7969" W
030° 33' 11.8590" N



(VANCLEAVE) (BIG POINT)

(GAUTIER NORTH) (KREOLE)

030° 30' 24.2564" N
088° 33' 48.1575" W

030° 30' 24.2564" N
088° 31' 30.7969" W

Printed: Fri Apr 05, 2019

SCALE 1:24000

Declination

GN 0.78° W
MN 2.03° W

0 1
Mile

0 1000
Yards

0 1
Kilometer

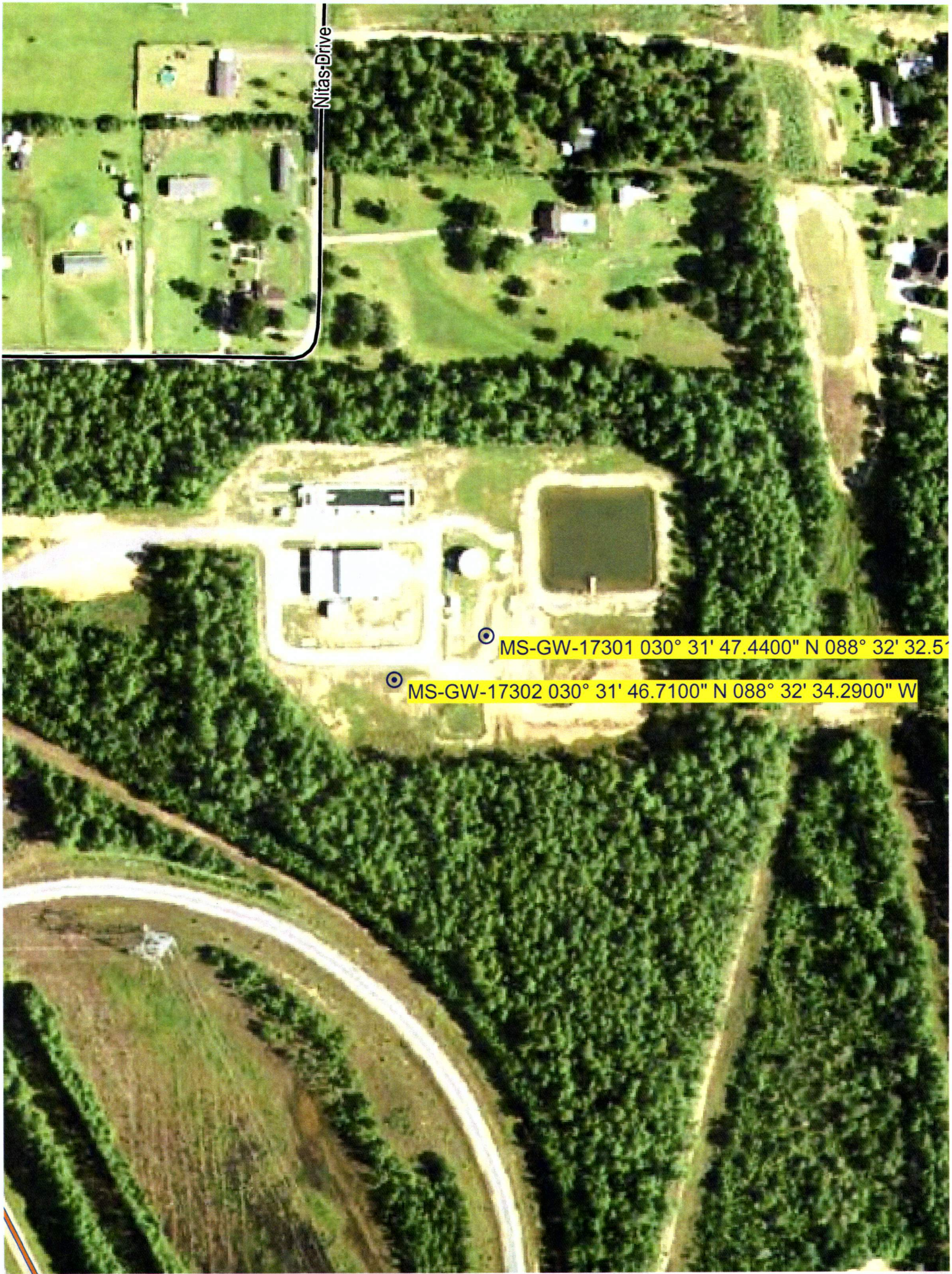
CONTOUR INTERVAL 5 FT

Produced by Trimble Terrain Navigator Pro
Topography based on USGS 1:24,000 Maps

North American 1983 Datum (NAD83)

To place on the predicted North American 1927 move the projection lines 22M N and 2M W

30088-E5-TM-024
THREE RIVERS, MS
JAN 1, 1982


Nitas Drive
MS-GW-17301 030° 31' 47.4400" N 088° 32' 32.51
MS-GW-17302 030° 31' 46.7100" N 088° 32' 34.2900" W