

GW04273
0230002-02

372 AC

FORM 9-1642
(1-68)

Well No. K2

WELL SCHEDULE

E 109 30

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by PEG Source of data Drils & obs Date 8-16-63 Map Wave Long Quad

State 31 28 County (or town) 51 23

Latitude: 30 16 50 N Longitude: 08 9 22 W Sequential number: 1

Lat-long accuracy: 3 T. 9 R. 14 Sec 11 10 NW SE SW NE

Local well number: K002CA1009S14W Other number: _____ B & M

Local use: 089030 Owner or name: Wave Land Address: _____

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist MU 17

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other 4

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed, (U) U

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.

Hyd. lab. data: PCGLU

Qual. water data; type: _____

Freq. sampling: Pumpage inventory: yes no, period: _____

Aperture cards: yes no E

Log data: _____

10/14/82
WL = 12' above
LSD
T = 29°
cond: 400
PH: 8.7

11/20/85
Well no longer
flows

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1000 ft Meas. rept accuracy 3

Depth cased: (first perf.) 940 ft Casing type: _____; Diam. 12x10 in

Finish: porous concrete, gravel w. (perf.), (screen), gravel w. (screen), horiz. gallery, open end, other 5

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (F) reverse, (G) trenching, (H) driven, (I) wash, (J) other H

Date Drilled: 8/63 963 Pump intake setting: _____ ft

Driller: C.T. JAMES Gulfport Miss address _____

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) turb., (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other 7 Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 40 Trans. or meter no. 1

Descrip. MP 12' ft above 12' ft below LSD, Alt. MP _____

Alt. LSD: 10 Accuracy: (source) CI 10

Water Level: 14 ft above MP; Ft below LSD 14 Accuracy: _____

Date meas: 8/16/63 Yield: 50-250 gpm 743 Method determined _____

Drawdown: 41 ft 41 Accuracy: _____ Pumping period _____ hrs

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct 863 K x 10⁶ Temp. _____ °F Date sampled 863

Taste, color, etc. _____

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No. K2

Latitude-longitude _____
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

D Drainage Basin: 135 Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series TP aquifer, formation, group PCGLY GF

Lithology: _____ Origin: 3 Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: 940 - 1000

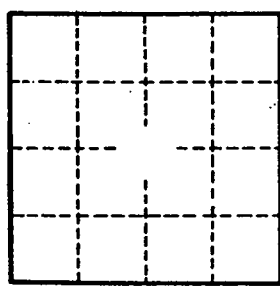
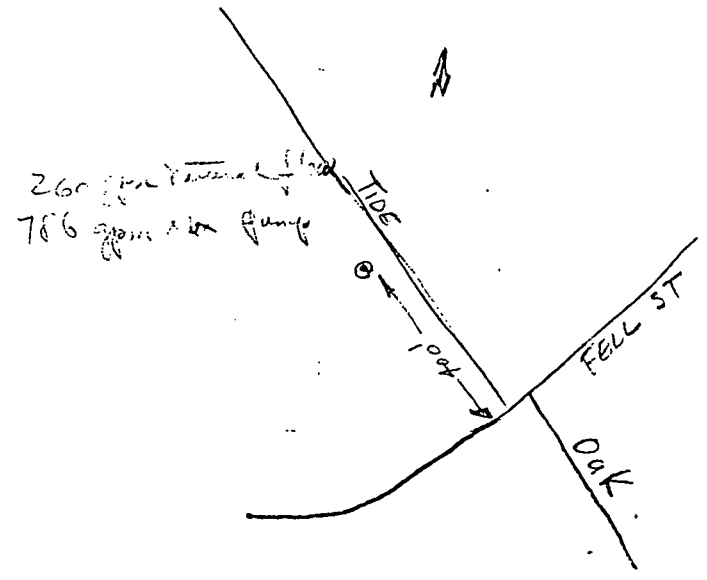
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____



Well No. K2

HMNC MISSISSIPPI

OK2
9-5-63

WATER WELL DRILLERS LOG E LOG #30

Date: 9-5, 1963, Driller: C. T. SWITZER WELL CODED

		Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet
(1) Owner of Land: <u>City of Woodland</u> (Name)		clay	00-11
<u>Side St. Woodland</u> (Address)		sand	11-19
(2) Location: $\frac{1}{4}$, $\frac{1}{4}$, Sec. <u>10 T9 R14</u>		clay	19-32
<u> </u> miles <u> </u> , of <u> </u> (distance) (direction) (Nearest Town)		sand	32-42
(3) Topography: <u> </u> (Hilly) (Flat) (Level)		clay	42-102
(4) Purpose of Well: <u>Municipal</u> (Domestic Irrigation Municipal, Industrial, Other)		sand	102-125
Information upon completion of well:		clay	125-135
(1) Diameter: <u>12 1/2</u> inches.		clay & sand shales	135-157
(2) Total Depth: <u>1000</u> feet.		clay	157-169
(3) Water Level: <u>14'</u> feet below top of ground.		sand & gravel	169-186
(4) Cased to <u>1000'</u> , Size <u>12 1/2"</u>		clay	186-219
(5) Screen: Size <u>8"</u> , Length <u>60'</u>		sand	219-239
(6) Were any formations sealed against pollution? <input checked="" type="checkbox"/> yes, <input type="checkbox"/> no.		clay	239-246
If YES depth of formation <u> </u>		shale	246-270
Why <u>Health Dept. requirement</u>		clay	270-273
Drillers Remarks: <u> </u>		shale	273-333
<u> </u>		shale & sand shales	333-379
<u> </u>		clay	379-421
<u> </u>		sand	421-434
<u> </u>		shale & gravel	434-442
<u> </u>		shale	442-488
<u> </u>		sand, fine	488-495
<u> </u>		clay	495-544
<u> </u>		clay w/ sand shales	544-553
<u> </u>		sand	553-574
<u> </u>		clay	574-584
<u> </u>		mud & sand	584-592
<u> </u>		shale & sand	592-619
<u> </u>		sand, fine	619-667
<u> </u>		sand, fine	667-706
<u> </u>		clay	706-710
<u> </u>		shale	710-718
<u> </u>		shale	718-759

Retain this copy for your office files.

(Use Back Side)

Well No.

APPLICATION FOR PERMIT TO DIVERT OR FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI

RECEIVED
 JAN 13 1997
 Dept. of Environmental Quality
 Office of Land & Water Resources
 FORM OLR-LAP-2 (REV. 9/94)

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES
 P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5202

This box is for office use only. 4-8-97 AGN.

Issued: <u>6-9-87</u>	Expires: <u>4-8-2007</u>	Fee Paid: <u>X</u>	Permit No.
Lat. <u>30-16-33</u>	Long. <u>89-22-53</u>	Elev. <u>13</u>	USGS No.
Quad. <u>Waveland</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>PCGLU</u>	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. MS-GW-04273

THIS APPLICATION IS FOR (Circle one): GROUNDWATER - COMPLETE A,B,E

SURFACE WATER - COMPLETE A,C,D,E

BENEFICIAL USE (Circle one or more): 1) Public Supply Municipal, Rural Water, or Private Water 2) Irrigation
 3) Industrial 4) Fish Culture 5) Recreation 6) Institutional (eg. Church, School) 7) Commercial (eg. Hotel, Casino, Restaurant) 8) Fire Protection 9) Livestock 10) Flood Protection 11) Other: _____

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: CITY OF WAVELAND 690 650 369
 (Name) (SSN or Tax ID No.)

P O BOX 320, 301 COLEMAN AVE
 (Address)

WAVELAND MS 39576 (601) 467 - 9248
 (City) (State & Zip) (Telephone No.)

APPLICANT, AGENT, OR LESSEE (if different from Landowner):

SAME AS ABOVE
 (Name) (SSN or Tax ID No.)

(Address)

(City) (State & Zip) (Telephone)

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application):

SE 1/4 of the NE 1/4 of Section 10, Township 9S, Range 14W, County HANCOCK

Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)? YES NO If yes, describe the nature and amount of any additional supply and, if applicable, list permit number. _____

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: MIOCENE SAND MISSISSIPPI DEPARTMENT OF HEALTH NO.: 230002

2. Proposed work will begin on N/A, 19____, and will be completed by N/A, 19____.

If well has already been drilled, when was well completed (date)? SEPTEMBER 5, 19 63. Under whose name was well originally drilled (if known)? CITY OF WAVELAND

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 1000 feet. DRILLER: C.T. SWITZER & CO

(b) SURFACE CASING: Length 305/558 feet; Diameter 12/8 inches; Type THREADED & COUPLED

(c) SCREEN: Length 56 feet; Diameter 8 inches; Type WIRE WRAPPED PIPE

(d) PUMP: Type LANE; Size 8; Capacity 280 gallons per minute; Setting depth 60 feet

(e) POWER UNIT: Type U.S. ELEC. MOTOR; Size 40 horsepower

4. PERMITTED VOLUME :

(a) 1.16 million acre-feet per year at a maximum rate of _____ gallons per minute

(b) 1.14 million gallons per day at a maximum rate of 280 gallons per minute

(CONTINUED ON BACK)

280

Ag. charge from - MOCN

MAP SENT

SECTION C (to be completed for SURFACE WATER SOURCE)

1. Source of water is from _____ which drains into _____
 which drains into _____ (major stream or river)
2. Description of pump/diversion works:
 Pump (size & type): _____ Power Unit (size & type): _____
 Lift: _____ feet Maximum capacity: _____ gallons per minute
3. _____ acre-feet per year at a maximum rate of _____ gallons per minute

SECTION D (to be completed for SURFACE WATER IMPOUNDMENTS {DAMS} on continuously flowing streams)

1. Name of storage reservoir: _____ Dam Height: _____ feet
2. Surface area at normal pool: _____ Storage capacity at normal pool: _____ acre-feet

SECTION E WATER USE DATA (ALL APPLICATIONS - complete section related to beneficial use)

1. **IRRIGATION:** List the number of acres of each crop to be irrigated: Rice _____; Cotton _____; Oats _____;
 Corn _____; Soybeans _____; Pasture _____; Truck _____; Wheat _____; Grain Sorgum _____;
 Other (specify) _____ Acres _____
- A. Method of Irrigation (circle one) - Center Pivot Flood Furrow
 B. Land Condition (circle one) - Precision Land Formed Smoothed
 C. ASCS Farm No. _____ Tract No. _____
2. **FISH CULTURE:** Explain how water will be used: _____
 How often will reservoir (s) be emptied and refilled? _____
3. **MUNICIPAL, WATER ASSOCIATION, or PRIVATE WATER SYSTEM**
 Chose "a" or "b". (a) The number of people served is _____ or (b) The number of connections is 2550
 What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty (20) years?
 (Volume) (Year); (Volume) (Year); (Volume) (Year); (Volume) (Year)
4. **INDUSTRIAL:** If the water is to be released into a watercourse, indicate the amount released each year _____;
 Rate of release _____; NPDES Permit No. _____
 Explain any changes in quality of water to be released: _____
 Explain how water will be used: _____
 How much groundwater will be used for once-through non-contact cooling? _____
5. **RECREATION:** Explain how water will be used: _____
6. **OTHER USE:** Explain in detail (if needed, attach another page): _____
7. **REMARKS:** _____

List below the person to be contacted for additional information if required.

STEPHEN LANDRY
 (Name)

PO BOX 320, 310 COLEMAN AVE
 (Address)

WAVELAND MS 39576-0320
 (City, State, Zip)

601-467-9248
 (Telephone)

The accompanying map is hereby declared a part of this application. For irrigation and fish culture use, an ASCS photograph is required. The TEN DOLLAR (\$10.00) permit fee is enclosed herewith.

Stephen Landry
 (Signature)

Subscribed and sworn to before me this 19th day of Dec., 1996, at _____ County of Hancock

My commission expires _____; Janice Sue Doolittle, Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT
GPS LOG

USER NAME(S): Stewart/Everett DATE: 10/12/95

UNIT DEQ #: _____ FILE #: A101219A

HEALTH DEPT. #: 230002-02 ELEV. 12'

USGS #: K2 OLWR #: GW04273

OWNER: Waveland QUAD: Waveland

LOCATION: SE-SW NE S 10 T 9S R 14W COUNTY: Hancock

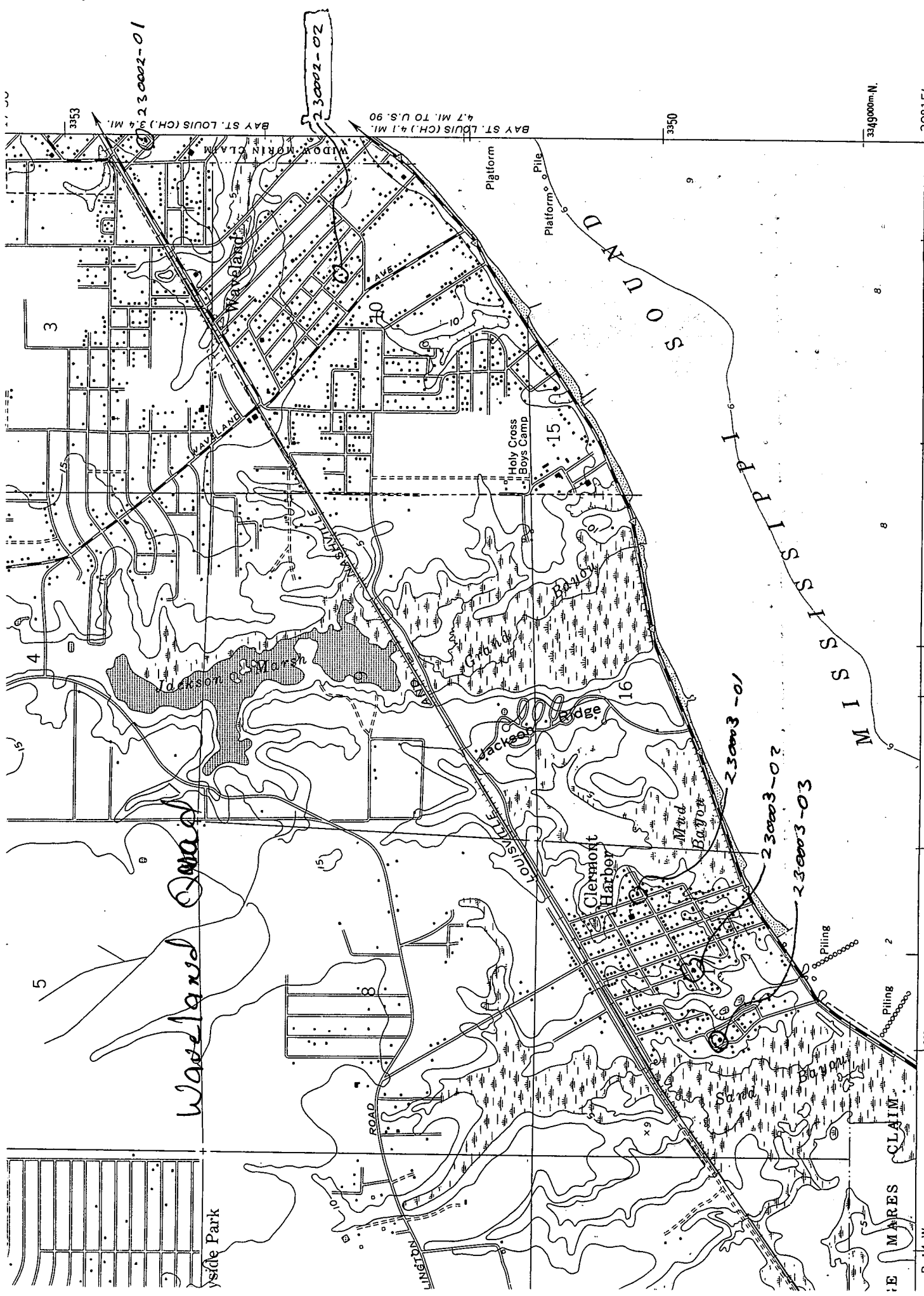
LOCATION DESCRIPTION: Tide Gauging

CASING DIA: _____ PUMP TYPE & SIZE: Turbine

GPS FIELD LOCATION: LAT. 30° 16.560' LONG. 89° 22.841'

GPS CORRECTED LOCATION: LAT. 30.27609656 LONG. 89.38111982

REMARKS: _____



3350
 3355
 3360
 267
 268
 269
 30°15'
 271000m.E. 89°22'30"

INTERIOR GEOLOGICAL SURVEY, RESTON, VIRGINIA—1978
 ROAD CLASSIFICATION
 Light duty
 1 MILE
 5000 6000 7000 FEET