

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

E-107 #21 WATER RESOURCES DIVISION

MASTER CARD

Record by TN Shaws Source of data D/S + obs Date 7-8-59 Map Bay St. Louis

State 28 County (or town) 23

Latitude: 30° 19' 00" N Longitude: 089° 20' 18" W Sequential number: 1

Lat-long accuracy: 30 T. 8 S. R. 13 E. Sec 30, Ct. SW

Local well number: K004 C 3008 S 3W Other number: \_\_\_\_\_

Local use: 088021 Owner or name: City of Bay St. Louis

Owner or name: BAY ST LOUIS Address: St Charles St.

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

Use of water: (S) (T) (U) (V) (W) (X) (Y) (Z) P

Use of well: (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) W

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

Hyd. lab. data: PCGLU

Qual. water data; type: MSBH 7-8-59 complete

Freq. sampling:  Pumpage inventory:  yes  no  period: \_\_\_\_\_

Aperture cards:  yes  no

Log data: E

PUNCHED and VERIFIED  
ROLL-COMPUTATION BRANCH

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1210 ft Meas. rept accuracy 3

Depth cased; first perf.: 1150 ft Casing type: \_\_\_\_\_; Diam. 8 1/2 in 6

Finish: (C) porous concrete, (F) gravel v. concrete, (G) gravel v. (perf.), (H) horiz. (screen), (I) open gallery, (J) end, (K) perf., (L) screen, (M) sd. pt., (N) shored, (O) open hole, (P) other S

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

Date Drilled: 7-3-59 9-5-59 Pump intake setting: \_\_\_\_\_ ft 3

Driller: O.T. SWITZER address GULFPORT MISS

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

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. Booster Pump  Trans. or meter no. \_\_\_\_\_

Descrip. MP concrete base ft above 16 below LSD Alt. MP 3

Alt. LSD: 16 Accuracy: (source) CI 5' 3

Water Level: ft above MP; Ft below LSD 17 Accuracy: \_\_\_\_\_ A

Date meas: 8-7-5 Yield: \_\_\_\_\_ gpm Method determined \_\_\_\_\_

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_

QUALITY OF WATER DATA: Iron \_\_\_\_\_ Sulfate \_\_\_\_\_ Chloride \_\_\_\_\_ Hard. \_\_\_\_\_

Sp. Conduct 540 K x 10<sup>6</sup> 4 Temp. °F 320 Date sampled 8-7-5

Taste, color, etc. pH = 8.4

10/12/82  
wL - 12.8' above  
LSD  
11/12/85  
MS.  
3.2' above NMV  
concrete base @ LSD  
.6' above  
finest

Well No. K4



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

RECEIVED  
JAN 12 1998

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.

3-10-98 ABN.

FORM OLWR-AP-2 (REV. 9/94)

Issued: <u>5-10-88</u>	Expires: <u>3-10-2008</u>	Fee Paid: <u>X</u>	Permit No.
Lat. <u>30-18-04</u>	Long. <u>89-20-13</u>	Elev. <u>15</u>	USGS No. <u>K4</u>
Quad. <u>BAY ST. LOUIS</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): RENEWAL PERMIT NO. 007349

THIS APPLICATION IS FOR (Circle one): GROUNDWATER COMPLETE A,B,E ST. CHARLES WELL  
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 BAY ST. LOUIS 64-6000139  
(Name) (SSN or Tax ID No.)

P.O. BOX 2550  
(Address)

BAY ST. LOUIS, MS 39521 ( 228 ) 467-2724  
(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):

NE 1/4 of the 12 SW 1/4 of Section 30, Township 8 S, Range 13 W, 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: UPPER PASCAGOULA MISSISSIPPI DEPARTMENT OF HEALTH NO.: \_\_\_\_\_

2. Proposed work will begin on \_\_\_\_\_, 19\_\_\_\_, and will be completed by \_\_\_\_\_, 19\_\_\_\_.  
If well has already been drilled, when was well completed (date)? \_\_\_\_\_, 1959. Under whose name was well originally drilled (if known)? CITY OF BAY ST. LOUIS

3. Description of proposed or completed well:

- (a) DEPTH OF WELL: 1150 feet. DRILLER: C. T. SWITZER
- (b) SURFACE CASING: Length \_\_\_\_\_ feet; Diameter 10" inches; Type STEEL
- (c) SCREEN: Length \_\_\_\_\_ feet; Diameter 8 X 6 inches; Type \_\_\_\_\_
- (d) PUMP: Type \_\_\_\_\_; Size \_\_\_\_\_; Capacity 400 gallons per minute; Setting depth \_\_\_\_\_ feet
- (e) POWER UNIT: Type US ELECTRIC 480 V 3 PH; Size 30 horsepower

4. PERMITTED VOLUME :

- (a) \_\_\_\_\_ acre-feet per year at a maximum rate of \_\_\_\_\_ gallons per minute
- (b) 0.18 million gallons per day at a maximum rate of 400 gallons per minute

9-1 BB (CONTINUED ON BACK) 405  
1-27-98

**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. Discription 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 9000 or (b) The number of connections is 2,958  
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? 1.19 MGD 1997 ; 1.4 MGD 2002 ; 1.7 MGD 2007 ; 2.0 MGD 2012  
(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.

WOODY STIEFFEL  
(Name)  
P.O. BOX 2550  
(Address)  
BAY ST. LOUIS, MS 39521  
(City, State, Zip)  
228-467-8527  
(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.

Ronald J. Wanner Sr.  
(Signature)

Subscribed and sworn to before me this 9th day of Dec., 1997, at Bay St. Louis County of Hancock  
My commission expires 4/3/2000; Janet B. Jones 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 #: A101215B

HEALTH DEPT. #: 230001-01 ELEV. 15'

USGS #: K4 OLWR #: GW07349

OWNER: Bay St. Louis QUAD: Bay St. Louis

LOCATION: S Area S 30 T 85 R 13W COUNTY: Hancock

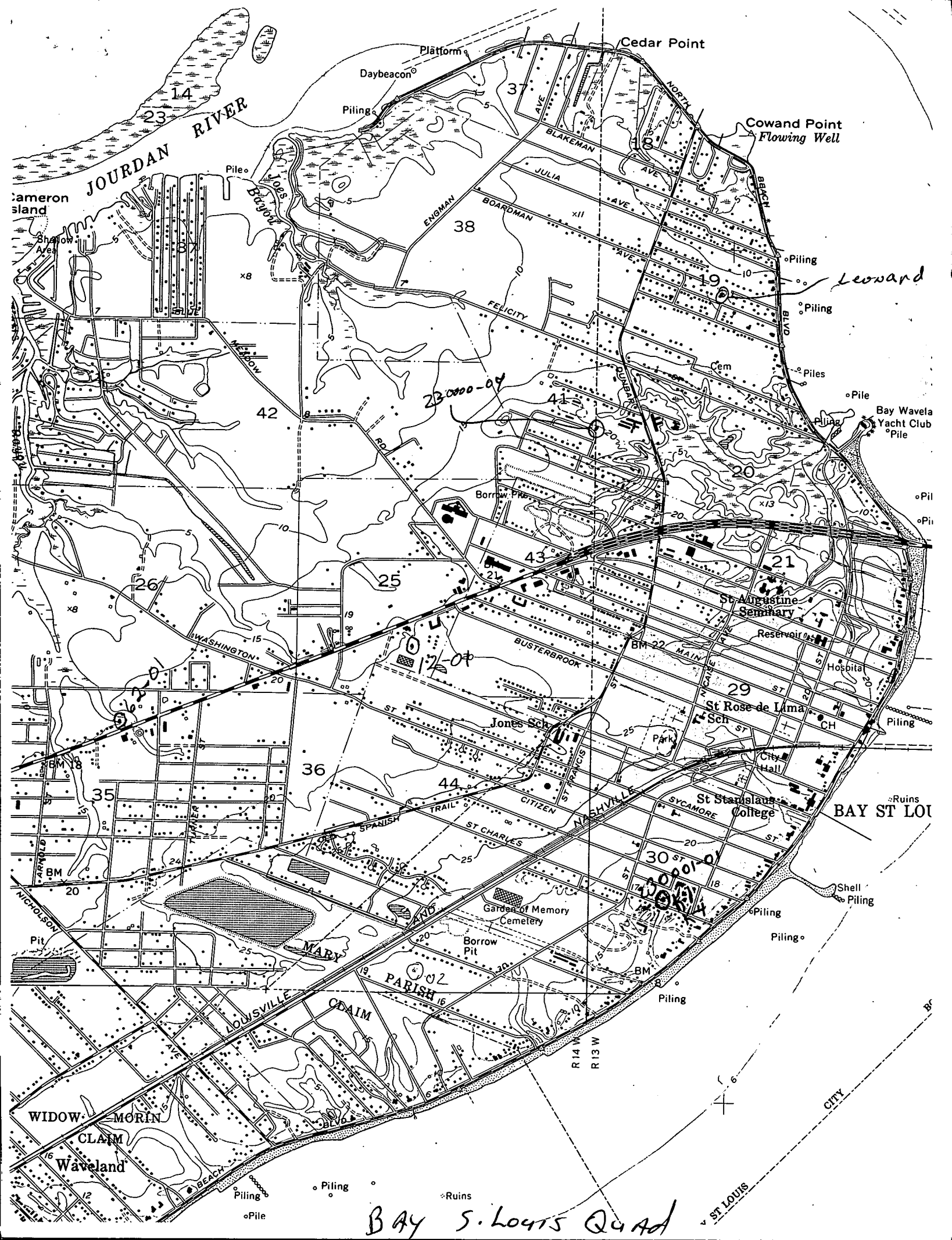
LOCATION DESCRIPTION: St Charles St between 3<sup>rd</sup> & Hancock

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine

GPS FIELD LOCATION: LAT. 30° 18.091' LONG. 89° 20.215'

GPS CORRECTED LOCATION: LAT. 30.30174492 LONG. 89.33692916

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



BAY S. LOUIS QUAD