

MISCELLANEOUS QW DATA

R=	T=	738#	Date of Measurement	Aquifer Sampled	Par. Code	Value
R=192	T=A	738#1	1934081/115/119181	1954 *	196#00010	197422181
R=192	T=A	738#2	1934 *	1954 *	196#00095	1974 *
R=192	T=A	738#3	1934081/115/119181	1954 *	196#00400	19745121

MISCELLANEOUS LOGS DATA

R=	T=	739#	Log Type	Req. Depth	End Depth
R=198	T=A	739#1	199#E	2004 1421 *	2014 114181 *
R=198	T=A	739#1	199#D	2004 11 *	2014 11501 *

MISCELLANEOUS NETWORK DATA

R=	T=	730#	Network Type	Req. Year	End Year
R=114	T=A	730#1	7064 *	1154 19 *	1164 19 *
R=121	T=A	730#1	Analysis	Agency Source	Freq.
R=121	T=A	730#1	1204 *	1174 *	1184 *

MISCELLANEOUS REMARKS DATA

R=	T=	311#	Date of Remarks	Remarks
R=183	T=A	311#1	1844 / / *	1854 *

DISCHARGE DATA

R=146	T=A	147#1	1484081/119/119181	7034 (P)	1504 15101 *	2724 *
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GEOHYDROLOGIC DATA

R=	T=	721#	Depth Top	Depth Bot.	Unit Id
R=90	T=A	721#1	914 1201 *	924 11319 *	934 11101A1LV/M *

HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	1004 *	1034 *
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Tdd @ 500gpm

pH=5.2

T=

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

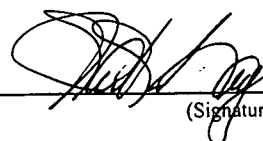
SECTION E WATER USE DATA (ALL APPLICATIONS - complete section related to beneficial use)

1. **IRRIGATION:** List the number of acres of each crop to be irrigated: Rice _____; Cotton _____; Oats _____;
Corn _____; Soybeans _____; Pasture _____; Truck _____; Wheat _____; Grain Sorghum _____;
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 2750
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? 45MGD 2001; .50 MGD 2006; .55MGD 2011; .60MGD 2016
(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.

JACK GAY
(Name)
P O BOX 564
(Address)
PETAL MS 39465
(City, State, Zip)
545-1776
(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.


(Signature)

Subscribed and sworn to before me this 10th day of Nov, 1995, at Forest County of Mississippi
My Commission Expires August 19, 1998
My commission expires _____; Dawn C. Pickett Notary Public.

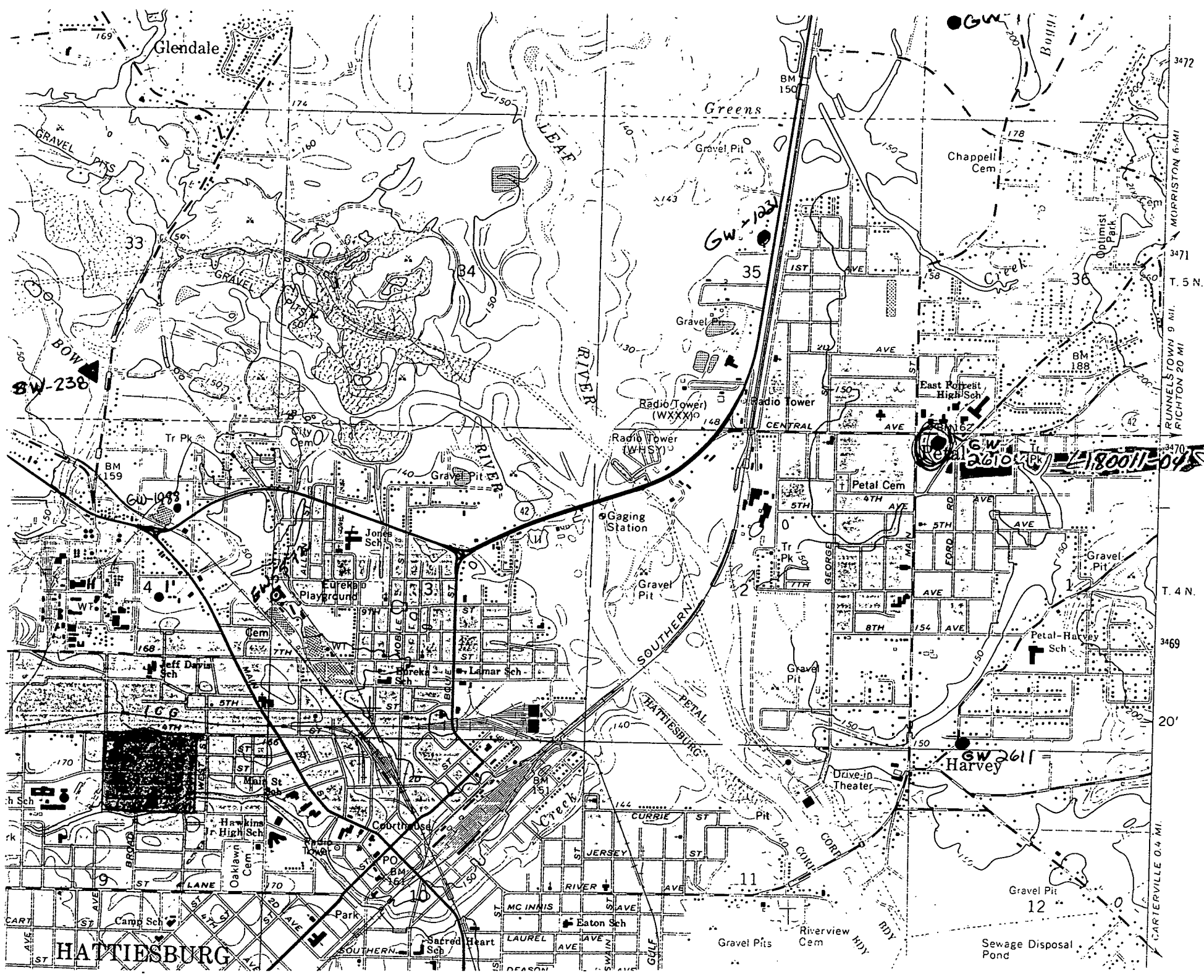
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

Hattiesburg
Quad.

GPS LOG

USER NAME(S): C.A. Hotzbeak DATE: 6/29/94
UNIT DEQ #: 82555 FILE #: C062920B
HEALTH DEPT. #: 180011-04 ELEV. 158
USGS #: Z-130 D110 OLWR #: 11455
OWNER: CITY of Petal
LOCATION: NW-NW-NW S 1 T 4N R 13W COUNTY: Forrest
LOCATION DESCRIPTION: SE Corner of Hwy 42 & Main St.
(Behind Bldgs.)
CASING DIA: 18" PUMP TYPE & SIZE: 15 HP Elec.
GPS FIELD LOCATION: LAT. 31° 20.760 LONG. 89° 15.756
GPS CORRECTED LOCATION: LAT. 31 20 46.044 LONG. 89 15 44.884
31.346123 89.262468
REMARKS: GPS at well.



Att: Joseph Davis
 Sections 2 and 11.1.
 MS-GW-01145.5