

No driller's log
USGS well schedule missing

**WELL SCHEDULE
FOR
THE OFFICE OF LAND AND WATER RESOURCES**

Fips: 35

Well: D114

Log-No: _____

Recorded by: Pat P Data Source: Permit, NWIS Date: 12/28/2008

County: Forrest Permit No.: GW11694 ? DOH No.: 0180008-13 ?

Quad: Hattiesburg Elevation: 141

1/4: _____ 1/4: _____ 1/4: NE 1/4: NE Sec.: 15 T: 04N R: 13W

Plotted on quad? In field? From drillers log? _____ From permit? _____

Latitude: 31° 18' 51.01" Longitude: 89° 16' 50.55' GPS? From quad? _____

Primary Aquifer: MOCN Secondary Aquifer: _____

Use: MU Well status: _____ Local Well Name: _____

Owner: City of Hattiesburg

Date completed: 10/1/91 Driller: Griner Well depth: 592 Hole depth: _____

Pump type: _____ Power type: _____ Pump capacity: _____

Casing interval: _____ Casing length: _____ Casing diameter: _____

Casing interval: _____ Casing length: _____ Casing diameter: _____

Screen interval: _____ Screen length: _____ Screen diameter: _____

Screen interval: _____ Screen length: _____ Screen diameter: _____

Type of logs: _____ Log interval: _____

Initial water level(s): _____ Date: _____ Measuring point description: _____

Water Quality Data? _____ Source: _____ Reliability: _____

Water Level Data? _____ Source: _____ Reliability: _____

Pump Test Data? _____ Source: _____ Reliability: _____

Water Use Data? _____ Source: _____ Reliability: _____

Water level data

This area for location map and notes

APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW WATER FROM THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI

RECEIVED

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES
 P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 522-5282

OCT 21 1999

This box is for office use only.

2-8-2000 AEN

Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 FORM OLWR-AP-1

Issued: 12-12-1989	Expires: 2-8-2010	Fee Paid: X	Permit No.
Lat. 31-18-50	Long. 89-16-51	Elev. 141	USGS No.
Quad. Hattiesburg	ASCS Farm No.	STAC.	MSDOH No. 180008-13
Aquifer: MOCN	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. GW-11694

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 Hattiesburg (Name) 64-6000-432 (SSN or Tax ID No.)

P.O. Box 1898 (Address)

Hattiesburg, MS 39403-1898 (City) (State & Zip) (601) 545 - 4540 (Telephone No.)

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

(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 NE 1/4 of Section 15, Township 4N, Range 13W, County Forrest

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. GW-03239, GW-03240, GW-03241, GW-03242

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: Miocene MISSISSIPPI DEPARTMENT OF HEALTH NO.: 180008-13

2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____
 If well has already been drilled, when was well completed (date)? October, 19 91 Under whose name was well originally drilled (if known)? City of Hattiesbrug

3. Description of proposed or completed well:

- (a) DEPTH OF WELL: 592 feet. DRILLER: Griner Drilling Service
- (b) SURFACE CASING: Length 582 feet; Diameter 20 inches; Type Welded
- (c) SCREEN: Length 63.37 feet; Diameter 10 inches; Type Wire wound
- (d) PUMP: Type Turbine; Size 8"; Capacity 1000 gallons per minute; Setting depth 190 feet
- (e) POWER UNIT: Type Electric; Size 100 horsepower

4. PERMITTED VOLUME:

_____ acre-feet per year at a maximum rate of _____ gallons per minute
 (b) .63 million gallons per day at a maximum rate of 1000 gallons per minute

(CONTINUED ON BACK)

MAP SENT

[Handwritten signature]

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 _____
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?

9.1 MGD	2003	9.4 MGD	2008	9.7 MGD	2013	10.0MGD	2018
(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.

Chuck Henderson
(Name)
Water Plant # 2, 900 James St.
(Address)
Hattiesburg, MS 39401
(City, State, Zip)
(601) 545-4530
(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 23rd day of September, 1999, at Hattiesburg County of Forrest
My commission expires April 27, 2002
Karen A. Courtney Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

Hattiesburg
Quad.

GPS LOG

USER NAME(S): C.A. Horneback DATE: 6/28/94

UNIT DEQ #: 82555 FILE #: C062820C

HEALTH DEPT. #: *180008-13 (No tag) ELEV. 141

USGS #: 2-123 D114? OLWR #: 11694?

OWNER: City of Hattiesburg

LOCATION: NE-SE-NE S 15 T 4n R 13w COUNTY: Forrest

LOCATION DESCRIPTION: SE Corner of (Plant #2) yard
SE of Bldgs.

CASING DIA: 18" PUMP TYPE & SIZE: 100 HP Elec.

GPS FIELD LOCATION: LAT. 31° 18.876 LONG. 89° 16.824

GPS CORRECTED LOCATION: LAT. 31 18 51.013 LONG. 89 16 50.553
31.314174 89.280711

REMARKS: GPS at Well.
new well

* Note: I assigned this # on basis of description on new printout. Description called this well 5, Plant 2.

Joe 10/17/97

RECEIVED

OCT 17 1999

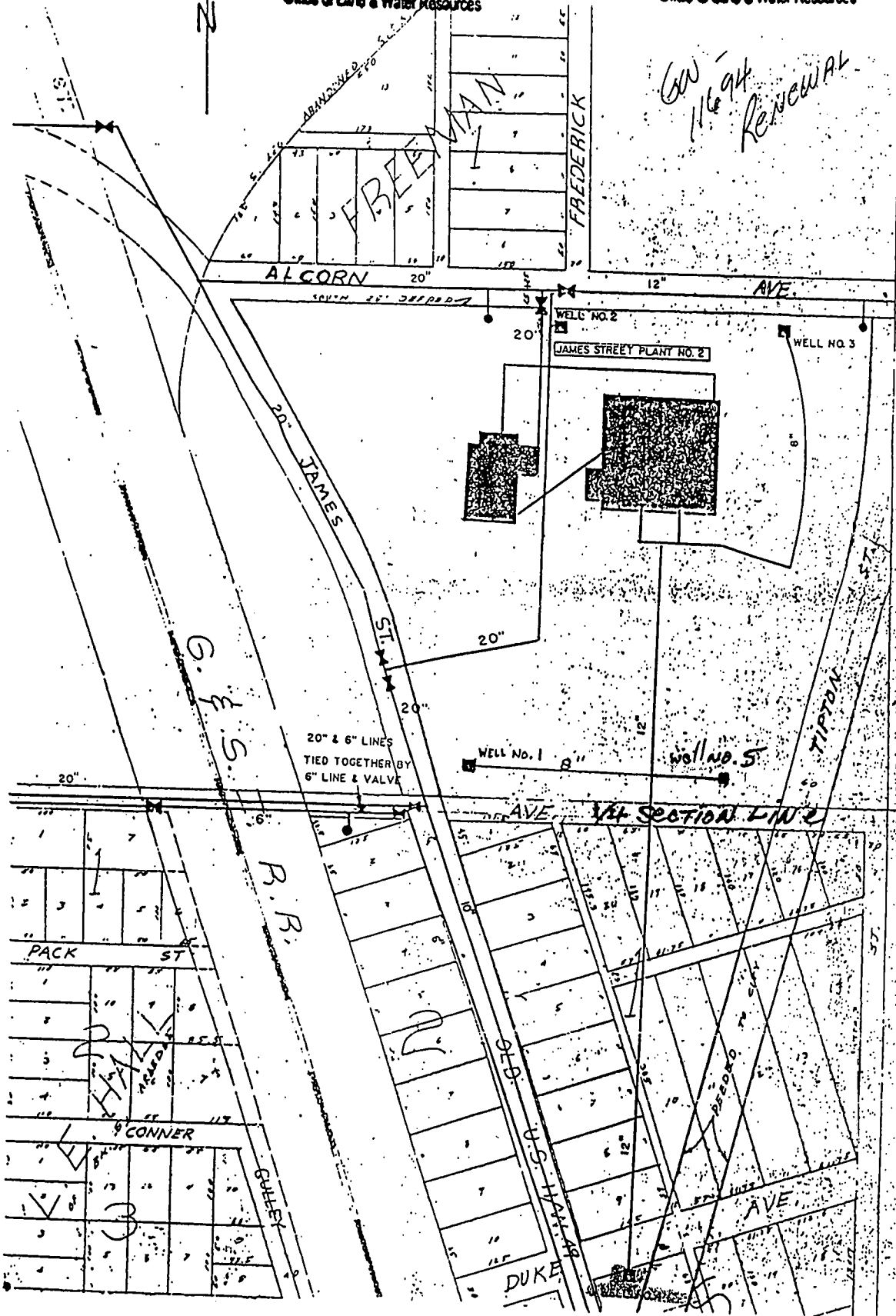
Dept of Environmental Quality
Office of Land & Water Resources

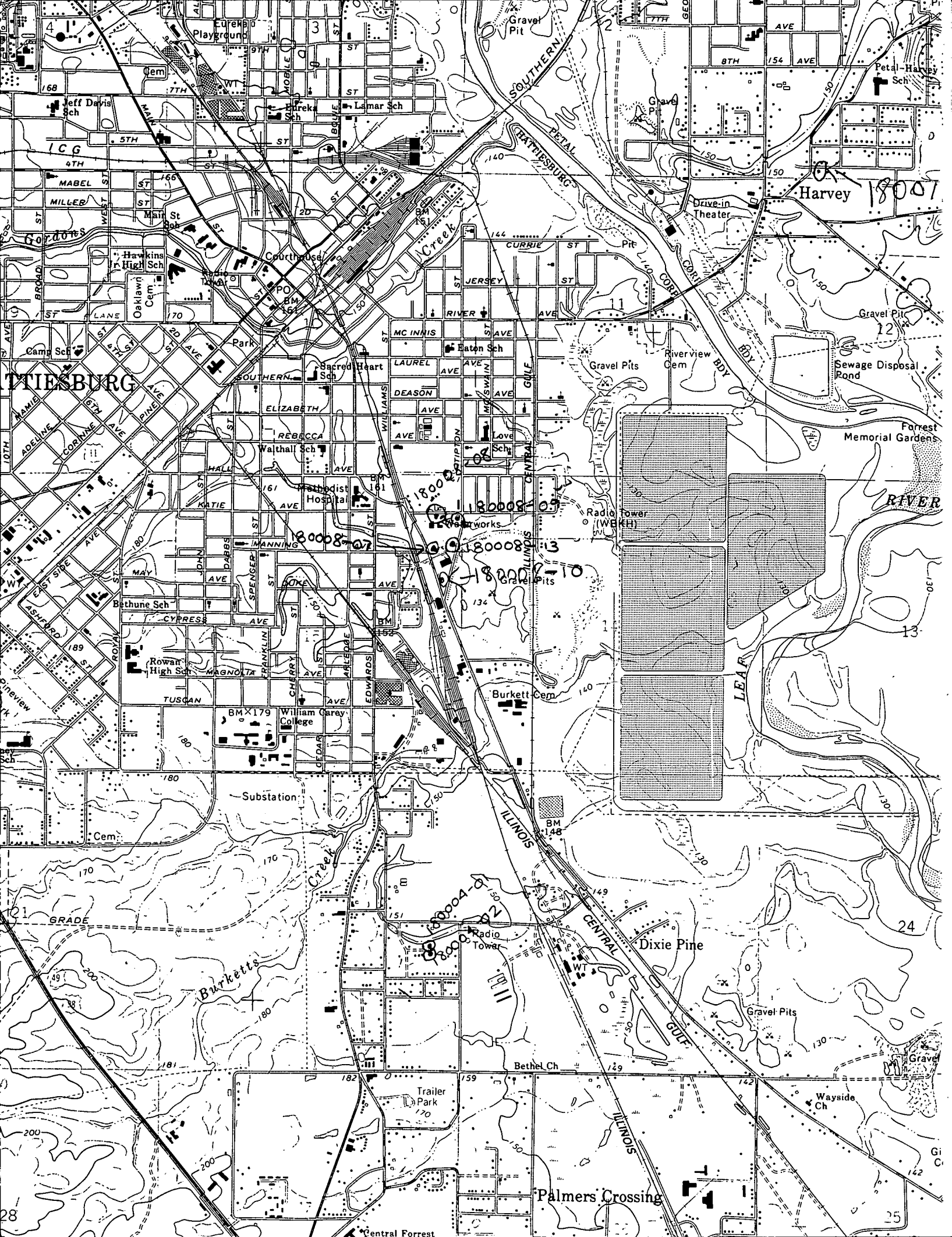
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OCT 21 1999

Dept of Environmental Quality
Office of Land & Water Resources

GW 11694 RENEWAL





Harvey 18007

18008-09

18008-10

18004-05

18004-06

TTIESBURG

Dixie Pine

Palmers Crossing

Central Forrest