City of Forest
2024 CCR
MS0620002

Is my water safe?

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hot line (800-426-4791).

Where does my water come from?

The Meridian-Upper Wilcox Aquifer

Source water assessment and its availability

For the Source water assessment and its availability please call the water department at 601-469-2921
The wells for City of Forest have received a moderate ranking in terms of susceptibility to contamination.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity: microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which

can be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

How can I get involved?

The board meeting is the first Tuesday of the month at 5:15pm.
If you have any questions about how you can get involved, please call the water department at 601-469-2921.

Lead Educational Statement

Lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Forest is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact Adam Taylor at 601-469-2921. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at http://www.epa.gov/safewater/lead. The MS Public Health Laboratory (MPHL) can provide information on lead and copper testing and/or other laboratories certified to analyze lead and copper in drinking water. MPHL can be reached at 601-576-7582 (Jackson, MS).

Additional Information for Lead

The system inventory does not include lead service lines.
Systems with only non-Lead Service Lines – Insert the following language in the CCR:
The City of Forest has completed the Lead Service Line Inventory and no lead lines were found. The methods used to make that determination were [specify method(s) such as visual inspections, water operator knowledge, archived records, etc.].

Lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. CITY OF FOREST is responsible for providing high quality drinking water and removing lead pipes, but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family’s risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or

a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact CITY OF FOREST (Public Watersystem Id: MS0620002) by calling 601-469-2921 or emailing forestmayor@bellsouth.net. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at http://www.epa.gov/safewater/lead.

Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Detect In Your Water	Range		Sample Date	Violation	Typical Source
				Low	High			
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as Cl2) (ppm)	4	4	2	.7	3	2024	No	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	NA	60	.024	NA	NA	2024	No	By-product of drinking water chlorination
TTHMs [Total Trihalomethanes] (ppb)	NA	80	.036	24.3	35.1	2024	No	By-product of drinking water disinfection

Violations and Exceedances

Undetected Contaminants

The following contaminants were monitored for, but not detected, in your water.

Nitrate [measured as Nitrogen] (ppm)	10	10	ND	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite [measured as Nitrogen] (ppm)	1	1	ND	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

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Additional Monitoring

As part of an on-going evaluation program the EPA has required us to monitor some additional contaminants/chemicals. Information collected through the monitoring of these contaminants/chemicals will help to ensure that future decisions on drinking water standards are based on sound science.

Name	Reported Level	Range	
		Low	High
lithium (mg/L)	9.5	0	9.5

Unit Descriptions	
Term	**Definition**
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
mg/L	mg/L: Number of milligrams of substance in one liter of water
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

Important Drinking Water Definitions	
Term	**Definition**
MCLG	MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
MCL	MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

For more information please contact:

Contact Name: CHAMBERS, NANCY N
Address: P O BOX 298
FOREST, MS 39074
Phone: 601-469-2921

You requested Water Supply #620002

Applicable PWS Reports: 620002_1.htm View Report

PWS ID:620002 Source ID:1

CITY OF FOREST , Scott County

Final Susceptibility Assessment Ranking: Moderate

OLWR Permit Number: MS-GW-00959	Well Number: L0012
Latitude 32° 21' 59.587"	Longitude 89° 28' 36.736"
Location: NE NE S16 T06N R08E	Elevation: 473
USGS Quadrangle: FOREST	

Well Completion and Aquifer Data

Aquifer: Cockfield		Aquifer Top: 274	Aquifer Bottom: 350
Screen Top: 291	Screen Base: 351	Split: No	GW Flow Dir: 225
Static Fluid Level: 119	Saturated: Yes	Completion Date: 9/21/1960	
Minimum Design: Yes	Pump Rate:0	**Aquifer Confinement Class:** Confined	Status: **Inactive**

E-Log: No	E-Log #:	Drillers Log: Yes	Permit: Yes	Pot Map: Yes

Comments: PERMIT NOT RENEWED.

Confining Layers

Top Depth (ft)	Base Depth (ft)	Lithology
32	111	Clay
111	156	Shale

Risk Assessment

1. Have raw (untreated) samples from this well been found to contain contaminants in concentrations that are equal to or exceed half of the EPA established maximum contaminant levels (MCLs) for drinking water standards. **NO**

2. Does this well withdraw water from a confined aquifer? **YES**

The aquifer being used is overlain with clay (shale) layers of sufficient thickness and lateral extent that it is afforded some degree of natural protection from potential contaminant sources located within the delineated protection area around the well.

3. Does this well meet all of the minimum design criteria established by the Mississippi State Department of Health in 1975? **YES**

4. Are there any known abandoned wells located in the SWPA of the well? **YES**

Local Well Name	Depth	Aquifer
L0010-FOREST	360	CCKF
L0009-FOREST	360	CCKF

Final Susceptibility Assessment Ranking: **Moderate**

Map of Source Water Protection Area

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You requested Water Supply #620002

Applicable PWS Reports: 620002_2.htm View Report

PWS ID:620002 Source ID:2

CITY OF FOREST , Scott County

Final Susceptibility Assessment Ranking: Moderate

OLWR Permit Number: MS-GW-00927	Well Number: L0021
Latitude 32° 21' 2.534"	Longitude 89° 28' 51.650"
Location: SW NE S21 T06N R08E	Elevation: 472
USGS Quadrangle: FOREST	

Well Completion and Aquifer Data

Aquifer: Meridian-Upper Wilcox		Aquifer Top: 1210	Aquifer Bottom: 1325
Screen Top: 1220	Screen Base: 1320	Split: Yes	GW Flow Dir: 225
Static Fluid Level: 157	Saturated: Yes	Completion Date: 5/8/1969	
Minimum Design: No	Pump Rate:620	**Aquifer Confinement Class:** Confined	Status: **Active**

E-Log: Yes	E-Log #:	Drillers Log: Yes	Permit: Yes	Pot Map: Yes

Comments:

Confining Layers

Top Depth (ft)	Base Depth (ft)	Lithology
0	172	Clay
402	575	Clay/Shale
807	945	Shale

Risk Assessment

1. Have raw (untreated) samples from this well been found to contain contaminants in concentrations that are equal to or exceed half of the EPA established maximum contaminant levels (MCLs) for drinking water standards. **NO**

2. Does this well withdraw water from a confined aquifer? **YES**

The aquifer being used is overlain with clay (shale) layers of sufficient thickness and lateral extent that it is afforded some degree of natural protection from potential contaminant sources located within the delineated protection area around the well.

3. Does this well meet all of the minimum design criteria established by the Mississippi State Department of Health in 1975? **NO**

The State Department of Health adopted minimum design criteria for the completion of public water system wells in 1975. This well was drilled prior to 1975, and there is no record of its annular space being grouted (cemented) from the screened interval (aquifer) to land surface. Because of this uncertainty, MDEQ is taking a cautious approach and assuming that the annular space was not properly grouted. Ungrouted annular spaces may serve as conduits and allow shallow ground water contamination to adversely impact deeper aquifers.

4. Are there any known potential contaminant sources (PCSs) located within 500 feet of the well? **NO**

Final Susceptibility Assessment Ranking: **Moderate**

Map of Source Water Protection Area

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You requested Water Supply #620002

Applicable PWS Reports: 620002_3.htm View Report

PWS ID:620002 Source ID:3

CITY OF FOREST , Scott County

Final Susceptibility Assessment Ranking: Higher

OLWR Permit Number: MS-GW-00953	Well Number: L0027
Latitude 32° 21' 12.850"	Longitude 89° 28' 34.320"
Location: NE NE S21 T06N R08E	Elevation: 462
USGS Quadrangle: FOREST	

Well Completion and Aquifer Data

Aquifer: Meridian-Upper Wilcox		Aquifer Top: 1181	Aquifer Bottom: 1280
Screen Top: 1187	Screen Base: 1247	Split: No	GW Flow Dir: 225
Static Fluid Level: 180	Saturated: Yes	Completion Date: 6/7/1972	
Minimum Design: No	Pump Rate:564	**Aquifer Confinement Class:** Confined	Status: **Inactive**

E-Log: Yes	E-Log #:	Drillers Log: Yes	Permit: Yes	Pot Map: Yes

Comments: INACTIVE ON 2009 MDOH LIST.

Confining Layers

Top Depth (ft)	Base Depth (ft)	Lithology
0	140	Clay
568	652	Shale
766	920	Shale

Risk Assessment

1. Have raw (untreated) samples from this well been found to contain contaminants in concentrations that are equal to or exceed half of the EPA established maximum contaminant levels (MCLs) for drinking water standards. **NO**

2. Does this well withdraw water from a confined aquifer? **YES**

The aquifer being used is overlain with clay (shale) layers of sufficient thickness and lateral extent that it is afforded some degree of natural protection from potential contaminant sources located within the delineated protection area around the well.

3. Does this well meet all of the minimum design criteria established by the Mississippi State Department of Health in 1975? **NO**

The State Department of Health adopted minimum design criteria for the completion of public water system wells in 1975. This well was drilled prior to 1975, and there is no record of its annular space being grouted (cemented) from the screened interval (aquifer) to land surface. Because of this uncertainty, MDEQ is taking a cautious approach and assuming that the annular space was not properly grouted. Ungrouted annular spaces may serve as conduits and allow shallow ground water contamination to adversely impact deeper aquifers.

4. Are there any known potential contaminant sources (PCSs) located within 500 feet of the well? **YES**

PCS ID	Description	Street Address
2123	POULTRY PROCESSING PLANT	
3123	POULTRY PROCESSING PLANT	

Final Susceptibility Assessment Ranking: **Higher**

Map of Source Water Protection Area

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You requested Water Supply #620002

Applicable PWS Reports: 620002_4.htm View Report

PWS ID:620002 Source ID:4

CITY OF FOREST , Scott County

Final Susceptibility Assessment Ranking: Moderate

OLWR Permit Number: MS-GW-00954	Well Number: L0035
Latitude 32° 20' 23.590"	Longitude 89° 29' 2.990"
Location: NE NW S28 T06N R08E	Elevation: 473
USGS Quadrangle: FOREST	

Well Completion and Aquifer Data

Aquifer: Meridian-Upper Wilcox		Aquifer Top: 1234	Aquifer Bottom: 1300
Screen Top: 1236	Screen Base: 1296	Split: No	GW Flow Dir: 225
Static Fluid Level: 194	Saturated: Yes	Completion Date: 8/29/1973	
Minimum Design: No	Pump Rate:609	**Aquifer Confinement Class:** Confined	Status: **Active**

E-Log: Yes	E-Log #:	Drillers Log: Yes	Permit: Yes	Pot Map: Yes

Comments:

Confining Layers

Top Depth (ft)	Base Depth (ft)	Lithology
33	177	Clay
400	481	Shale
838	983	Shale

Risk Assessment

1. Have raw (untreated) samples from this well been found to contain contaminants in concentrations that are equal to or exceed half of the EPA established maximum contaminant levels (MCLs) for drinking water standards. **NO**

2. Does this well withdraw water from a confined aquifer? **YES**

The aquifer being used is overlain with clay (shale) layers of sufficient thickness and lateral extent that it is afforded some degree of natural protection from potential contaminant sources located within the delineated protection area around the well.

3. Does this well meet all of the minimum design criteria established by the Mississippi State Department of Health in 1975? **NO**

The State Department of Health adopted minimum design criteria for the completion of public water system wells in 1975. This well was drilled prior to 1975, and there is no record of its annular space being grouted (cemented) from the screened interval (aquifer) to land surface. Because of this uncertainty, MDEQ is taking a cautious approach and assuming that the annular space was not properly grouted. Ungrouted annular spaces may serve as conduits and allow shallow ground water contamination to adversely impact deeper aquifers.

4. Are there any known potential contaminant sources (PCSs) located within 500 feet of the well? **NO**

Final Susceptibility Assessment Ranking: **Moderate**

Map of Source Water Protection Area

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You requested Water Supply #620002

Applicable PWS Reports: 620002_5.htm View Report

PWS ID:620002 Source ID:5

CITY OF FOREST , Scott County

Final Susceptibility Assessment Ranking: Moderate

OLWR Permit Number: MS-GW-00955	Well Number: L0040
Latitude 32° 22' 22.246"	Longitude 89° 29' 33.626"
Location: SE SE S08 T06N R08E	Elevation: 471
USGS Quadrangle: FOREST	

Well Completion and Aquifer Data

Aquifer: Meridian-Upper Wilcox		Aquifer Top: 1182	Aquifer Bottom: 1276
Screen Top: 1212	Screen Base: 1272	Split: No	GW Flow Dir: 225
Static Fluid Level: 190	Saturated: Yes	Completion Date: 1/18/1974	
Minimum Design: No	Pump Rate:682	**Aquifer Confinement Class:** Confined	Status: **Active**

E-Log: Yes	E-Log #:	Drillers Log: Yes	Permit: Yes	Pot Map: Yes

Comments:

Confining Layers

Top Depth (ft)	Base Depth (ft)	Lithology
37	166	Clay
378	492	Clay
827	929	Shale

Risk Assessment

1. Have raw (untreated) samples from this well been found to contain contaminants in concentrations that are equal to or exceed half of the EPA established maximum contaminant levels (MCLs) for drinking water standards. **NO**

2. Does this well withdraw water from a confined aquifer? **YES**

The aquifer being used is overlain with clay (shale) layers of sufficient thickness and lateral extent that it is afforded some degree of natural protection from potential contaminant sources located within the delineated protection area around the well.

3. Does this well meet all of the minimum design criteria established by the Mississippi State Department of Health in 1975? **NO**

The State Department of Health adopted minimum design criteria for the completion of public water system wells in 1975. This well was drilled prior to 1975, and there is no record of its annular space being grouted (cemented) from the screened interval (aquifer) to land surface. Because of this uncertainty, MDEQ is taking a cautious approach and assuming that the annular space was not properly grouted. Ungrouted annular spaces may serve as conduits and allow shallow ground water contamination to adversely impact deeper aquifers.

4. Are there any known potential contaminant sources (PCSs) located within 500 feet of the well? **NO**

Final Susceptibility Assessment Ranking: **Moderate**

Map of Source Water Protection Area

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You requested Water Supply #620002

Applicable PWS Reports: 620002_6.htm View Report

PWS ID:620002 Source ID:6

CITY OF FOREST , Scott County

Final Susceptibility Assessment Ranking: Lower

OLWR Permit Number: MS-GW-00952	Well Number: L0044
Latitude 32° 21' 44.210"	Longitude 89° 30' 8.030"
Location: SE NW S17 T06N R08E	Elevation: 489
USGS Quadrangle: PULASKI	

Well Completion and Aquifer Data

Aquifer: Meridian-Upper Wilcox		Aquifer Top: 122	Aquifer Bottom: 1324
Screen Top: 1234	Screen Base: 1324	Split: No	GW Flow Dir: 225
Static Fluid Level: 242	Saturated: Yes	Completion Date: 1/16/1980	
Minimum Design: Yes	Pump Rate:636	**Aquifer Confinement Class:** Confined	Status: **Active**

E-Log: Yes	E-Log #:	Drillers Log: Yes	Permit: Yes	Pot Map: Yes

Comments:

Confining Layers

Top Depth (ft)	Base Depth (ft)	Lithology
64	188	Clay
413	515	Shale
869	973	Shale

Risk Assessment

1. Have raw (untreated) samples from this well been found to contain contaminants in concentrations that are equal to or exceed half of the EPA established maximum contaminant levels (MCLs) for drinking water standards. **NO**

2. Does this well withdraw water from a confined aquifer? **YES**

The aquifer being used is overlain with clay (shale) layers of sufficient thickness and lateral extent that it is afforded some degree of natural protection from potential contaminant sources located within the delineated protection area around the well.

3. Does this well meet all of the minimum design criteria established by the Mississippi State Department of Health in 1975? **YES**

4. Are there any known abandoned wells located in the SWPA of the well? **NO**

Final Susceptibility Assessment Ranking: **Lower**

Map of Source Water Protection Area

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You requested Water Supply #620002

Applicable PWS Reports: 620002_7.htm View Report

PWS ID:620002 Source ID:7

CITY OF FOREST , Scott County

Final Susceptibility Assessment Ranking: Moderate

OLWR Permit Number: MS-GW-00956	Well Number: L0046
Latitude 32° 22' 1.416"	Longitude 89° 27' 21.229"
Location: NW NW S14 T06N R08E	Elevation: 462
USGS Quadrangle: FOREST	

Well Completion and Aquifer Data

Aquifer: Meridian-Upper Wilcox		Aquifer Top: 1250	Aquifer Bottom: 1382
Screen Top: 1252	Screen Base: 1362	Split: No	GW Flow Dir: 225
Static Fluid Level: 216	Saturated: Yes	Completion Date: 8/6/1984	
Minimum Design: Yes	Pump Rate:1000	**Aquifer Confinement Class:** Confined	Status: **Active**

E-Log: Yes	E-Log #:	Drillers Log: Yes	Permit: Yes	Pot Map: No

Comments:

Confining Layers

Top Depth (ft)	Base Depth (ft)	Lithology
330	433	Clay
712	855	Clay
914	1112	Clay

Risk Assessment

1. Have raw (untreated) samples from this well been found to contain contaminants in concentrations that are equal to or exceed half of the EPA established maximum contaminant levels (MCLs) for drinking water standards. **NO**

2. Does this well withdraw water from a confined aquifer? **YES**

The aquifer being used is overlain with clay (shale) layers of sufficient thickness and lateral extent that it is afforded some degree of natural protection from potential contaminant sources located within the delineated protection area around the well.

3. Does this well meet all of the minimum design criteria established by the Mississippi State Department of Health in 1975? **YES**

4. Are there any known abandoned wells located in the SWPA of the well? **YES**

Local Well Name	Depth	Aquifer
L0045-FOREST	1374	MUWX

Final Susceptibility Assessment Ranking: **Moderate**

Map of Source Water Protection Area

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You requested Water Supply #620002

Applicable PWS Reports: 620002_8.htm View Report

PWS ID:620002 Source ID:8

CITY OF FOREST , Scott County

Final Susceptibility Assessment Ranking: Moderate

OLWR Permit Number: MS-GW-14898	Well Number: L0050
Latitude 32° 21' 54.673"	Longitude 89° 27' 13.496"
Location: SW NW S14 T06N R08E	Elevation: 458
USGS Quadrangle: FOREST	

Well Completion and Aquifer Data

Aquifer: Meridian-Upper Wilcox		Aquifer Top: 1198	Aquifer Bottom: 1299
Screen Top: 1203	Screen Base: 1295	Split: No	GW Flow Dir: 225
Static Fluid Level: 267	Saturated: Yes	Completion Date: 3/1/1995	
Minimum Design: Yes	Pump Rate:1186	**Aquifer Confinement Class:** Confined	Status: **Active**

E-Log: Yes	E-Log #:	Drillers Log: Yes	Permit: Yes	Pot Map: Yes

Comments:

Confining Layers

Top Depth (ft)	Base Depth (ft)	Lithology
317	422	Clay
697	832	Clay
866	1102	Clay

Risk Assessment

1. Have raw (untreated) samples from this well been found to contain contaminants in concentrations that are equal to or exceed half of the EPA established maximum contaminant levels (MCLs) for drinking water standards. **NO**

2. Does this well withdraw water from a confined aquifer? **YES**

The aquifer being used is overlain with clay (shale) layers of sufficient thickness and lateral extent that it is afforded some degree of natural protection from potential contaminant sources located within the delineated protection area around the well.

3. Does this well meet all of the minimum design criteria established by the Mississippi State Department of Health in 1975? **YES**

4. Are there any known abandoned wells located in the SWPA of the well? **YES**

Local Well Name	Depth	Aquifer
L0045-FOREST	1374	MUWX

Final Susceptibility Assessment Ranking: **Moderate**

Map of Source Water Protection Area

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