

WELLHEAD PROTECTION / NEW WELL/SPRING APPLICATION SHEET

Georgia Department of Natural Resources
Environmental Protection Division

FOR COMMUNITY - MUNICIPAL DRINKING WATER SYSTEMS ONLY

This is a preliminary data check to expedite permitting of new drinking water sources for municipal - community systems. A separate application must be filed for each new well.

System Name: _____ County: _____

System ID. No. _____ System Permit No. _____ Proposed Well/Spring No. _____

Owner: _____ Applicant: _____
Address: _____ Address: _____
City/State/Zip: _____ City/State/Zip: _____
Phone No.: () _____ Phone No.: () _____

Well/Spring Address if applicable: _____
Submit a map - mark the well location on a USGS 7 1/2 minute topographic map, a copy of a portion of a map is acceptable.
Is the well site located within a 100 year flood plain zone as defined by FEMA? _____ yes _____ no

Ground Elevation: _____ ft. MSL, Longitude: W _____, Latitude: N _____,

PROPOSED WELL DESCRIPTION

Provide a well construction diagram

Proposed Drill Date: _____ Proposed Total Depth: _____ Proposed Pump Rate: _____ gpm

Name and Georgia License # of proposed driller : _____

PROPOSED DRILLING METHOD (Indicate)
Rotary: _____ Percussion: _____ Other: _____

PROPOSED WELL SCREEN / OPEN HOLE INTERVAL
From: _____ ft. To: _____ ft.
From: _____ ft. To: _____ ft.

PROPOSED CASING INTERVAL
From: _____ ft. To: _____ ft.
From: _____ ft. To: _____ ft.

PROPOSED GROUTING MATERIAL & INTERVAL
Material: _____
From: _____ ft. To: _____ ft.

PROPOSED BACKFILL MATERIAL & INTERVAL
Material: _____
From: _____ ft. To: _____ ft.

Please submit drillers logs from nearby wells if they are available.

PROPOSED WELLHEAD PROTECTION AREA

CONTROL ZONE

_____ 15 ft. radius from wellhead

PROPOSED INNER-MANAGEMENT ZONE: (indicate one)

<u>Aquifer Type</u>	<u>Wellhead Protection Area</u>	<u>Key to Map</u>
_____ Karst	500 ft. radius from the wellhead	K
_____ Piedmont Fractured Crystalline Rock	250 ft. radius from the wellhead	P
_____ Coastal Plain Unconfined	250 ft. radius from the wellhead	C
_____ Coastal Plain Confined (attach documentation)	100 ft. radius from the wellhead	C

All wells in the Coastal Plain will be considered unconfined unless shown to be otherwise.

PROPOSED OUTER-MANAGEMENT ZONE:

For the purpose of this application a proposed outer-management zone of one mile radius will be considered when identifying the potential pollution sources listed on the back side of this application. The final outer-management zone will be dependent upon well construction and the geology of the wellhead protection area. The final radius may range from 100 feet to several miles.

**POTENTIAL POLLUTION SOURCE INVENTORY
WITHIN THE PROPOSED WELLHEAD PROTECTION AREA**

Indicate whether any of the potential pollution sources are present.

EPD will not permit the well/spring if any of the following are present within the inner management zone.

yes no

commercial animal enclosures poultry enclosures or animal feedlots
 underground storage tanks
 non-domestic septic systems

Further investigation will be necessary if any of the following lie within one mile of the proposed site.

yes no

domestic septic systems
 municipal solid waste landfill
 industrial waste landfill
 construction waste landfill
 hazardous waste disposal
 facilities handling hazardous waste
 agricultural waste impoundments
 land application of waste water/sludge

yes no

commercial animal enclosures
 animal feedlots
 quarries/underground mines
 underground storage tanks (unmonitored)
 waste water treatment basins
 non-domestic septic systems
 underground injection wells

PROPOSED ALTERNATE WATER SUPPLY

Please provide a brief description of the alternative water supply to be used in the event this well must be shut down.

SEND FORM TO: Georgia Department of Natural Resources, Wellhead Protection Program, 2 Martin Luther King Jr., Dr.,
S.E., Suite 1362 East Tower, Atlanta, Georgia 30334 (404) 657-6140, c/o Sandra Jo Robertson