



Underground Injection Control Program

Mixed Waste Non-Domestic Septic System (NDSS) Permit Application

Part 1. Permit Application

SECTION I. FACILITY INFORMATION

Name of Business:

Phone:

E-mail:

River Basin:

Facility Address:

City:

State:

ZIP Code:

Latitude (DD/MM/SS):

Longitude (DD/MM/SS):

County:

Type of Industry (SIC Code(s) if applicable):

SECTION II. OWNER CONTACT INFORMATION

Name of Owner or Authorized Representative:

Title:

Phone:

E-mail:

Fax:

Owner Mailing Address:

City:

State:

ZIP Code:

SECTION III. NDSS INSTALLER INFORMATION

Installer Name:

Phone:

E-mail:

Fax:

Installer Address:

City:

State:

ZIP Code:

SECTION IV. NDSS CONSTRUCTION INFORMATION

1. Is the NDSS proposed or existing:

2. Septic Tank

a. No. of Septic Tanks:

b. Type of Tank(s):

c. Tank(s) Capacity (gallons):

3. Drain Field Lines

a. No. of Drain Field Lines:

b. Type of Lines:

c. Diameter (in):

d. Total Length (ft):

e. Depth of Trench (ft):



Part 1. Permit Application

4. Type of Base Fill Material:

SECTION V. NDSS OPERATIONAL DATA

Description of the Type of Fluid:

Source of Fluid:

Purpose of the System:

Discharge Rate (average gallons per day):

System Pressure (average daily lbs/sq inch (psi):

Gravity Flow:

Ground Water Pollution Susceptibility Classification (from HA-20) (check box): HIGH AVERAGE LOW

Located Within an Existing Well Head Protection Area? (check box): YES NO

SECTION VI. CERTIFICATION

I certify under the penalty of law that I have examined and am familiar with the information contained in this document and attachments and the information is true, accurate and complete. I am aware of the associated penalties for submitting false documentation, including but not limited to monetary penalties and or imprisonment

Name of Applicant:

Date:

Signature of Applicant:

Date:



Part II. Application Documents¹

Please include the following documentation with the application:

1. A detailed description of the facility and the source of the wastewater including a labeled, detailed diagram showing the layout of the NDSS equipment and all plumbing, tanks and drain field lines associated with it.
2. A notarized statement from the applicable local city/county agency stating that the system is/will be designed, constructed and operated consistent with the local land use plan or zoning requirements.
3. A detailed map orientating the NDSS and any nearby wells (within 1,000 ft.) with regard to two (2) nearby reference points such as roads, streams or nearby structures, etc.
4. Chemical analysis of the wastewater and ground water. Additionally, an initial background analysis of groundwater from a monitoring well down gradient from the NDSS may be required². The ground water shall be analyzed for all relevant constituents including those specified in the current Georgia Rules for Safe Drinking Water. (Please note that any groundwater contamination will be referred to the applicable regulatory agency).
5. A written hydrogeologic determination prepared by a Georgia registered Professional Geologist (PG) or Professional Engineer (PE), that such a system does not have the potential to endanger an underground source of drinking water and is not within the inner management zone of any existing well head protection area. EPD may provide technical assistance to small business³.

Submit the Completed Application to: Georgia Environmental Protection Division
Underground Injection Control Program
2 Martin Luther King Jr. Drive
Suite 1152
Atlanta, Georgia 30334

¹ Please refer to the Georgia Rules and Regulations for Water Quality Control, Chapter 391-3-6-.13.

² A monitoring well and ground water sampling are required for large facilities in areas of high ground water pollution susceptibility (HA-20), but may not be required for small facilities in areas of low and moderate susceptibility. A well may be required for facilities in other susceptibility areas depending on the location in relation to critical receptors (ie. Drinking water wells)

³ A small business is one that has or anticipates less than \$500,000 annual gross revenue and is not a franchise.



UIC Mixed Waste NDSS¹ Technical Document

In order to obtain a Mixed Waste NDSS Permit to discharge mixed waste water utilizing a tank with a drain field, the owner may be required to:

1. A monitoring well² shall be constructed into the water table within or immediately down gradient of the drain field. Such monitoring well shall be constructed under the direction of a Professional Geologist (PG) or Professional Engineer (PE).
2. The monitoring well² shall be properly sampled under the supervision of a Georgia registered PG or PE for the all relevant chemicals (for example, benzene, toluene, ethylbenzene, xylene, and ethylene glycol for a car wash or PCE for a dry cleaning facility). Analytical work shall be consistent with EPD or EPA Protocols and all analyses shall be performed by a laboratory approved or accredited by EPD in accordance with the Georgia Rules for Commercial Laboratory Accreditation, Chapter 391-3-26.

The analytical data shall be included in a report prepared by a PG or PE. This report shall include a site map showing the location of all relevant feature including, but not limited to the septic tank, drain filed, monitoring well (if required) and hydrologic gradient as inferred from the local topographical setting. The report shall include a site location indicated on a 7.5' topographical map and shall be submitted to the EPD.

3. After the facility is in use, the monitoring well² shall be sampled, as described above, on an annual basis. The analytical data shall be included in a report approved by a PG or PE and submitted annually to EPD.
4. For motor vehicle washing facilities, a clearly visible sign shall be placed stating:

“To Protect Georgia’s Water Resources, Oil Changing, Anti-Freeze Or Coolant Changing, And Engine Cleaning Are Prohibited. Do Not Wash The Interiors Of Tank Trucks Or Other Containers. Violators Could Be Subject To Penalties Up To \$100,000.”
5. For motor vehicle washing facilities, an oil/water separator shall be installed upgradient of the wastewater tank and drain field. The oil/water separator shall be cleaned and serviced on a reasonable periodic schedule.
6. Operation of the facility shall not commence until all required conditions have been completed.

¹ Please refer to the Georgia Rules and Regulations for Water Quality Control, Chapter 391-3-6-.13

² A monitoring well and ground water sampling are required for large facilities in areas of high ground water pollution susceptibility (HA-20), but may not be required for small facilities in areas of low and moderate susceptibility. A well may be required for facilities in other susceptibility areas depending on the location in relation to critical receptors (ie. drinking water well).