

STATE OF GEORGIA
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION
WATERSHED PROTECTION BRANCH

**UNDERGROUND INJECTION CONTROL - OPERATING PERMIT APPLICATION
MIXED WASTE NON-DOEMESTIC SEPTIC SYSTEMS (NDSS)**

REGULATORY AGENCY:

Regulatory Support Program
Watershed Protection Branch
Environmental Protection Division
Georgia Department of Natural Resource
Suite 1062 East Tower
2 Martin Luther King Jr. Dr.
Atlanta, Georgia 30334

LEGAL AUTHORITY:

Georgia Rules for Underground
Injection Control, Chapter 391-3-6-.13 and
Georgia Water Quality Control Act
O.C.G.A. 12-5-20 et. seq.

NDSS FACILITY DATA (please print)

Name of Business

Facility Address: Street

City

County

State

ZIP Code

Telephone/FAX Numbers

Location: Latitude and Longitude (degrees, minutes, seconds)

Type of Industry – SIC Code(s) where applicable

Name of Owner or Authorized Representative

Title

Telephone/FAX Numbers (if different from above)

Address (if different from facility): Street / P.O.Box

City

County

State

ZIP Code

Telephone/FAX Numbers (if different from above)

NDSS INSTALLER INFORMATION:

Name of Contractor

Address: Street

City

County

State

ZIP Code

Telephone/FAX Number

NDSS CONSTRUCTION INFORMATION:

Is the system proposed or existing? _____

List the NDSS components included in this application: _____ Septic Tank(s),
_____ Drain Field Line(s), and Other Components _____

Tank(s): Type _____, Capacity _____ gallons

Drain Line(s): Type _____, Diameter _____ in., Total Length _____ ft.

Trench: Depth _____ ft., Base Fill Material Type: _____

NDSS DATA:

Describe Type of Fluid: _____

Source of Fluid: _____

Purpose of the System: _____

Proposed/Existing Discharge Rate: _____ average gallons per day

Proposed/Existing System Pressure _____ average daily lbs./sq. inch (psi) or Gravity Flow _____

Ground-water pollution susceptibility classification (from HA-20) : High / Average / Low

Located within an existing well head protection area?: Yes / No

NDSS DATA (cont.)

Please include the following documentation with the application:

- a. A detailed description of the facility and the source of the waste water including a labeled, detailed diagram showing the layout of the NDSS equipment and all plumbing, tanks and drain field lines associated with it.
- b. A notarized statement from the applicable local city/county agency stating that the system is/will be consistent with the local land use plan or zoning requirements.
- c. A detailed map orienting 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.
- d. Chemical analyses of the waste water. An initial background analysis of ground water from a monitoring well down gradient from the NDSS may be required.¹ The ground water shall be analyzed for all relevant constituents including those specified in the current Rules for Safe Drinking Water.
(Note: Any ground-water contamination will be referred to the relevant agency for appropriate action.)
- e. A written hydrogeologic determination prepared by a registered PG or 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 business.²)

¹A 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 upon the location in relation to critical receptors (eg., drinking water wells.)

²A small business is one that has or anticipates less than \$500,000 annual gross revenue and is not a franchise.

See Attachment 1 for more information.

The applicant specifically grants to EPD or any authorized agent of the Director the right of entry and travel upon the above NDSS site for the purpose of conducting necessary compliance inspections.

Certification: I certify under the penalty of law that I have examined and am familiar with the information contained in this document and all attachments and that, based on the inquiry of the individuals responsible for the data, I believe that the information is true, accurate and complete. I am aware that there are penalties for submitting false information, including the possibility of fine and imprisonment.

Signature (Owner or Authorized Representative)

Date Signed

ATTACHMENT 1
UIC Requirements for NDSS Facilities

In order to obtain a UIC NDSS Permit to discharge mixed waste water utilizing a tank with a drain field, the owner shall do the following:

- (1) A monitoring well¹ shall be constructed into the water table within or immediately downgradient of the drain field. Such monitoring well shall be constructed under the direction of a Professional Geologist (PG) or Professional Engineer (PE), registered to practice in Georgia.
- (2) The monitoring well¹ shall be properly sampled under the supervision of a registered PG or PE for all relevant chemicals. (For example, benzene, toluene, ethyl-benzene, 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.

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

- (3) After the facility is in use, the monitoring well¹ shall be sampled, as described above, on an annual basis. These analytical data shall be included in a report approved by a PG/PE and submitted to the Regulatory Support Program of 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 items (1), (2), (4), and (5) have been completed as required.
- (7) Any UIC NDSS permit issued by the Georgia EPD shall not be transferable until such new owner provides EPD with a letter stating that he or she agrees to all of the above conditions.

¹A 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 upon the location in relation to critical receptors (eg., drinking water wells.)