



Yadkin County Health Department
Application for

Improvement Permit and/or Authorization to Construct

- Survey plat to scale* submitted
Scaled* site plan submitted
Unscaled site plan submitted
* scale of 1" = no more than 60'

Improvement Permit Authorization to Construct Existing System Inspection

IF THE INFORMATION IN THE APPLICATION FOR AN IMPROVEMENTS PERMIT IS FALSIFIED, CHANGED, OR THE SITE IS ALTERED, THEN THE IMPROVEMENTS PERMIT AND AUTHORIZATION TO CONSTRUCT SHALL BECOME INVALID. The permit is valid for either 60 months or without expiration depending upon documentation submitted. (Complete site plan = 60 months; complete plat = without expiration)

APPLICANT INFORMATION

Applicant Address Home & Work Phone
Owner Address Home & Work Phone

PROPERTY INFORMATION date originally deeded & recorded (for help locating call 336-679-4225)

Street Address Subdivision Name Section/Phase/Lot#
Directions to Site: Lot Size

DEVELOPMENT INFORMATION

- New Single Family Residence
Expansion of Existing System
Repair to Malfunctioning Sewage Disposal System
Non-Residential Type of Structure

Residential Specifications

Maximum number of bedrooms: Occupants
If expansion: Current number of bedrooms:
Will there be a basement?
Plumbing fixtures in Basement

Non-Residential Specifications:

Type of business: Total Square footage of Building:
Maximum number of employees: Maximum number of seats:

Water Supply: Are there any existing wells, springs, or existing waterlines on this property?

- New well Existing Well Community Well Public Water Spring

If applying for Authorization to Construct: Please Indicate Desired System Type(s):
(Systems can be ranked in order of your preference)

- Accepted Alternative Conventional Innovative Other Any

The Applicant shall notify the local health department upon submittal of this application if any of the following apply to the property in question. If the answer to any question is "yes", applicant must attach supporting documentation.

- Does the site contain any jurisdictional wetlands?
Does the site contain any existing wastewater systems?
Is any wastewater going to be generated on the site other than domestic sewage?
Is the site subject to approval by any other public agency?
Are there any easements or right of ways on this property?

I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

Property owner's or owner's legal representative** signature (required)

Date

**Must provide documentation to support claim as owner's legal representative.

**Yadkin County Environmental Health Application,
Evaluation, and Permitting Procedures for Septic
Systems and Well Construction**

A. Applications

1. Complete applications must be submitted for Improvement Permit (IP), Authorization to Construct (ATC), or Well Permit as applicable for proposed use. The owner or his authorized agent must sign all applications.
2. The current fee for each improvement permit must be paid at the time the application is submitted. Applications will not be accepted until all fees are paid.
3. Complete applications must be accompanied by a plat prepared by a surveyor on a scale of no less than 1"= 60', or a site plan prepared by the applicant. A separate plat or site plan must be submitted for each lot application. Plats or site plans must show all proposed property lines, lot corners, home locations, all roads, bodies of water (creeks, streams, lakes, ponds), existing wells within 200', all lot dimensions, easements, and right of ways.
4. Applications will be considered on a first-come, first-serve basis and will be activated only when complete applications are received. Incomplete applications will not be activated.

B. Evaluations

1. All lots must be properly prepared for evaluation in the following manner:
 - a. All lots must be fully accessible. Access roads must be at least "roughed in." Overgrown or very thickly wooded lots must be adequately cleared prior to evaluation to allow for proper access.
 - b. All lot corners must be true corners (iron pins, axles, etc.) and must be marked and readily identified in the field. All lot sidelines are to be flagged or strung the entire length and width of the lot. Exceptions to flagging lot sidelines may be made if all corners can be seen from any part of the lot.
 - c. Proposed "cut out" lots must be marked as indicated on site plan or plat for IP only and will be required to be surveyed and recorded at the Register of Deeds before an ATC will be issued.
 - d. All home sites, and accessory structures (garages, out- buildings, pools, etc) as indicated on the plat, must be staked or flagged on the lot at the time of evaluation.
Note: Items not flagged or indicated on the site plan may not be considered in the evaluation and may subject the applicant to additional fees and delays.
 - e. Improperly prepared lots will not be evaluated and will be placed in an inactive status. Applications will be reactivated when all required preparations are complete. **IF PROPERTY NOT FLAGGED A \$60.00 REVISIT FEE WILL BE CHARGED.** Initial
3. The soil site evaluation will be conducted by evaluating each previously dug hole or pit in the manner prescribed by current state rules. A soil profile from each will be described on a soil evaluation form for each lot application submitted. The soil evaluation form will include, but not be limited to, the following:
 - a. Soil profile description to include soil depth and characteristics
 - b. Topographical features
 - c. Usable soil areas and locations
 - d. Possible system type(s)

- e. Problems and/or unsuitable characteristics
 - f. Determination of suitability for system and repair areas
4. Well construction applications will be evaluated based on required location criteria as established by state well regulations and local ordinances.

C. Permitting

1. Lots determined to be suitable or provisionally suitable for a wastewater disposal system, well, etc., may be issued applicable permits.
2. A letter of denial will be issued for lots that are considered unsuitable for a wastewater system. The following conditions or characteristics may result in lots considered unsuitable:
 - a. Soil wetness conditions (shallow seasonal water tables)
 - b. Unsuitable topography (irregular topography, excessive gullies, ravines, excessive slopes, depressions, etc.)
 - c. Shallow soil depths
 - d. Unsuitable soil characteristics (expansive clays, poor structure, etc.)
 - e. Inadequate space available for the installation of a complete system and repair area to serve the proposed facility.
3. Permit denial letters shall be required to adequately describe the site and soil conditions leading to the denial as well as the owner or applicants appeal rights and processes.
4. Improvement permits shall indicate system location, required setbacks, home location, general system requirements, etc., on scale drawings.
5. When an application for an Authorization to Construct is submitted, the Authorization to Construct shall indicate all system specifications, location of components, permit conditions, and installation criteria.
6. Well site location(s) will be indicated as appropriate on the IP or AC.
7. If denied, 50% refund must be requested in writing within 30 days of denial letter.

D. Notification

The Environmental Health Specialist, upon completion of permits, etc., shall notify the owner or applicant (as indicated on the application) when permit(s) or denial letter(s) are completed.

These procedures will be required for all applications subject to approval under the current North Carolina Laws and Rules for Sewage Treatment and Disposal Systems (15A NCAC 18A .1900) and North Carolina Well Construction Standards (15A NCAC 2C .0100)

Signature of Applicant

Name _____ Subdivision _____ Lot# _____

YADKIN COUNTY CHECKLIST OF SEPTIC SYSTEMS

Select and circle one type of septic system you prefer. Soil and site conditions observed by the environmental health specialist during the soil/site evaluations will influence the type and the design of the septic system. See "Consumers Guide to Septic Systems" for details:

1. Conventional/modified conventional(washed stone and 4" perforated pipe)
2. Gravel less
 - a. Large diameter pipe
 - b. Prefabricated permeable black panel
3. Low pressure pipe
4. Fill (also check with type of nitrification lines if you prefer)
5. Aerobic sewage treatment unit
6. Pit Privy
7. Accepted
 - a. Plastic Chambers
 - i. PSA Inc. "biodiffuser" (1-800-873-2337)
 - ii. Cultec "contactor" (1-800-428-5832)
 - iii. Hancor "envirochamber" (1-888-231-0059)
 - iv. Infiltrator Systems, Inc. "infiltrator" (1-800-649-0253)
 - b. Polystyrene aggregate
 - i. EEEZZZ Flow Drain Co. Inc., Frank Minton (1-800-649-0253)
8. Innovative & Experimental
 - a. Tire Chip Aggregate
 - i. Tire Disposal Service, George Dalton (1-800-572-1927)
 - ii. US Tire Recycling, Bob Johnson (1-704-784-1210)
 - b. Drip Irrigation
 - i. American Manufacturing Co Inc,"perc-rite" (1-800-345-3132)
 - ii. Geoflow Inc. (1-800-828-3388)
 - c. Sand Filter
 - i. NC State University Soil Science Dept., Mike Hoover (1-919-515-7305)
 - ii. Orenco Systems Inc., William Cagle (1-800-348-9843)
 - d. Peat Filter
 - i. Bond na Mona Environmental Products, Inc.
 - e. Biological filter (fixed media)
 - i. Clearstream Wastewater Systems Inc. Wayne Peyton (409-755-1500)
 - ii. Premier Tech Env Ecoflo (919-562-4317)
 - iii. Zabal Scat (1-800-221-5742)
 - iv. Zeus Aerocell (1-800-221-5742)
 - v. Zeus Aerodiffuser (1-800-221-5742)
 - vi. Biomicrobics Inc. FAST
 - f. Constructed wetlands
 - i. NC State University, Forestry Department, Claude House

Signature of Applicant

Date

