

The background of the slide features a pattern of overlapping green leaves, rendered in a semi-transparent, stylized manner. The leaves vary in shades of green, from light to dark, and their veins are visible. They are scattered across the entire frame, creating a natural, organic feel.

**Environmental Health Permits
Required for Future Development
on the Property**

System Repair vs. System Maintenance

Permits are required to repair your system

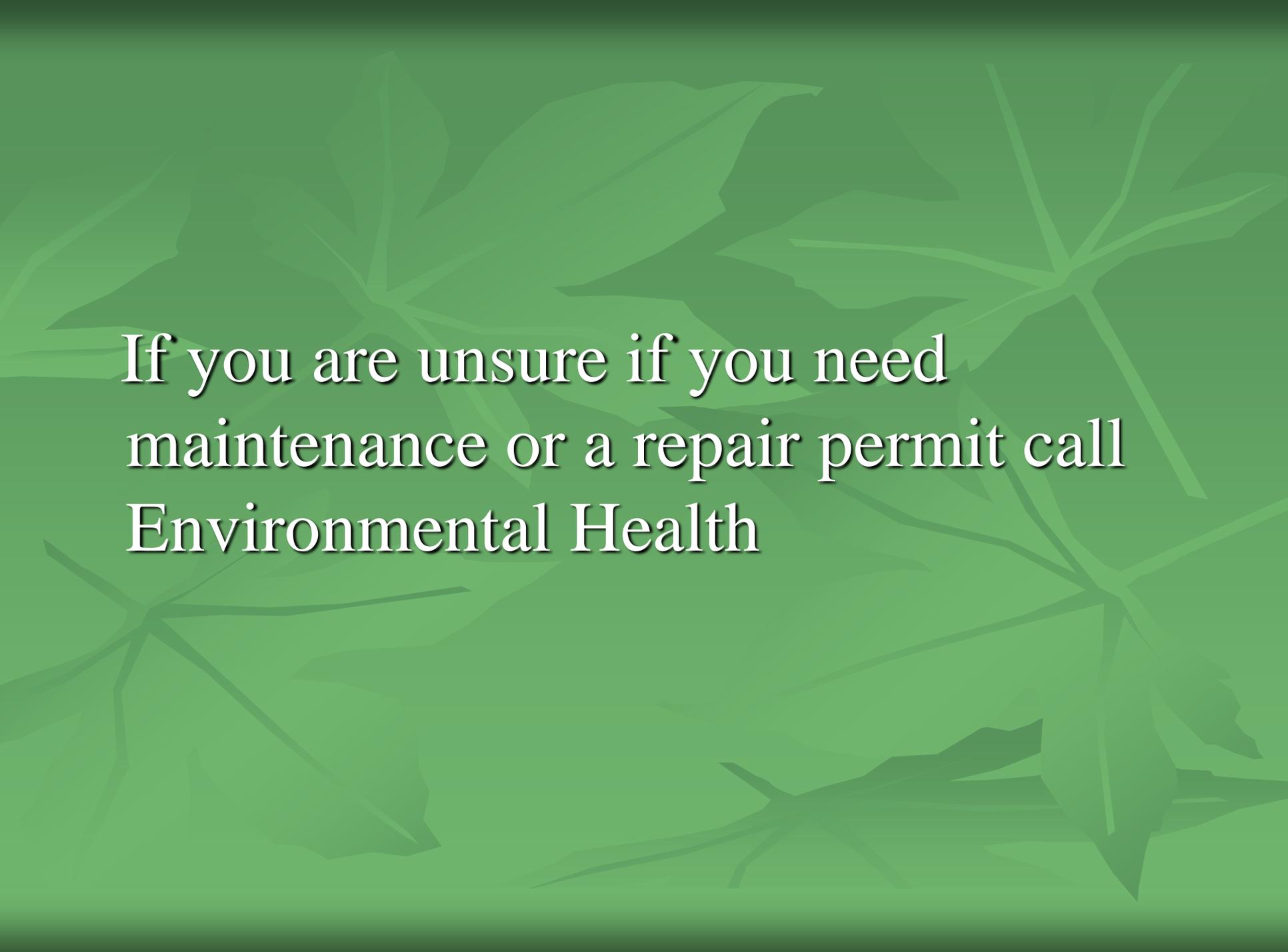
Repair Permits are FREE!!

Repair Activities Requiring A Permit

- Replacing line to repair failing septic system
- Replacing septic tank
- Replacing pre-treatment system
- Alteration of pre-treatment system from one process to another

Maintenance Activities That Do NOT Require A Permit

- Pumping the septic tank
- Replacing a pump with exact same pump model
- Repairing broken cleanout or turn-up for LPP
- Routine maintenance on Type IIIb, IV, V, and VI systems

The background of the slide is a solid green color with a faint, repeating pattern of stylized green leaves and stems, creating a natural, organic feel.

If you are unsure if you need
maintenance or a repair permit call
Environmental Health

Choosing a Septic Contractor

- All septic contractors are required to be certified by the NCOWCICB. Verify contractor certification by visiting www.ncowcicb.info
- Ask for at least 3-5 references
- Contractor should be able to furnish proof of liability insurance and workers compensation

Setback Compliance Approval

Changing foot print of house without adding bedrooms
i.e. Decks, Porches other rooms besides bedrooms

Adding garage or outbuilding

Adding a swimming pool

Improvement Permit/ Construction Authorization for Expansion

- If adding bedrooms to house
- If adding full bathroom to garage; this is considered a bedroom
- Adding any activity that creates wastewater other than domestic sewage (toilets, sink, laundry)
 - Art studios (pottery, metal work etc.)
 - Film developing
 - X-Rays

Operation Permit Revision

- If changing lot lines
- If changing the use of a septic system
 - Changing system from home use to business use
 - As long as water usage is not increasing and remains domestic (toilet, sink, laundry)

Locating your septic system

- To obtain a copy of the septic and/or well permit on file, visit: <http://chathamgis.com/>

HOW TO SEARCH FOR SCANNED SEPTIC PERMITS

1. To obtain a copy of the septic and/or well permit on file, visit: <http://chathamgis.com/>

Click on the map:

The screenshot shows the Chatham County GIS Portal website. The browser address bar displays <http://chathamgis.com/maps.arcgis.com/home/index.html>. The page features the Chatham County logo and a large image of the county building. Below the header is a "Featured Maps & Applications" section with four icons: Chatham County Facility Site Tour, ChatView Web Application, Polling Places & Early Voting Sites, and Severed Mineral Rights. A second section, "Popular Chatham County GIS Web Applications", contains three icons: Open Data Portal, Tax & Land Records, and Flood Hazard Areas. A large red arrow points to the "Open Data Portal" icon.

2. Search for the property (by Address, Owner, Parcel Number or Subdivision)

The screenshot shows a web browser window displaying the Chatham County GIS Portal. The browser's address bar shows the URL: <http://chathamncgis.maps.arcgis.com/apps/webappviewer/index.html?id=65367d51697747>. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. Below the browser window, the application interface features a teal header with the title "Chatham County Land Records Viewer" and navigation links for "Land Use & Planning Viewer", "Flood Hazard Viewer", and "Open Data Portal". A search bar is located below the header, containing the placeholder text "Name, Address, or Parcel" and a magnifying glass icon. A large red arrow points to this search bar. To the left of the search bar is a vertical toolbar with several icons for map navigation and interaction. The main area of the application is a map of Chatham County, North Carolina, showing various geographical features, roads, and city boundaries. Labels on the map include "Durham", "Cary", "Morrisville", "Apex", "Holy Springs", "Rittobone", "Goldston", "Siler City", "Liberty", "Slater", "Broadway", "Sanford", and "Durham Wake". County names such as "GUILFORD RANDOLPH", "ALAMANCE CHATHAM", "ORANGE CHATHAM", "CHATHAM WAKE", "CHATHAM HARNETT", "WAKE HARRETT", "RANDOLPH MOORE", and "CHATHAM MOORE" are also visible. A scale bar at the bottom left indicates a distance of 0 miles. The bottom right corner of the application displays the text "Chatham County, Chatham County GIS" and the Esri logo. The system tray at the very bottom of the screen shows the time as 2:46 PM.

3. Make a selection from the dropdown box

The screenshot displays the Chatham County Land Records Viewer web application. A search bar at the top left contains the text "valley". A dropdown menu is open, listing search results under two categories: "Address Points" and "Subdivisions". A large red arrow points to the "Address Points" section of the dropdown menu. The "Address Points" list includes: 31 VALLEY VIEW LN, 53 VALLEY VIEW LN, 501 VALLEY LN, 83 VALLEY LN, 55 VALLEY LN, and 72 VALLEY LN. The "Subdivisions" list includes: HIDDEN VALLEY, VALLEY MEADOW, VALLEY VIEW, and ORCHARD VALLEY. A popup window titled "AKPAR: 18611" is open over a property on the map, displaying the following information:

- AKPAR: 18611**
- Deed Name (January 1):** ORCHARD VALLEY CEMETARY
- Current Owners:** ORCHARD VALLEY CEMETARY
- Land Value:** \$590
- Improvement Value:** \$0
- Total Value:** \$590
- Deeded Acreage:** 0.06
- Legal Description:** CL12-8
- Physical Address:** ORCHARD VIEW

Below the popup information are links for [Property Record Card](#), [Tax Search](#), [Property Deed](#), [Plat Map](#), and [Well/Septic Perms](#). A disclaimer at the bottom of the popup states: "Chatham County GIS shall not be held liable for any errors in these data. This includes errors of omission/ commission errors." A "Zoom to" button is located at the bottom of the popup. The map background shows topographic contours, property boundaries, and several buildings marked with red dots and numbers (e.g., 1045, 64, 18, 84). The browser address bar shows the URL: <http://chathamncgis.maps.arcgis.com/apps/webappviewer/index.html?id=65367d5f697747>. The browser tabs include "Chatham County GIS Portal" and "Chatham County Land Rec...". The browser menu bar shows "File", "Edit", "View", "Favorites", "Tools", and "Help". The application header includes "Chatham County Land Records Viewer" and navigation links for "Land Use & Planning Viewer", "Flood Hazard Viewer", and "Open Data Portal". The bottom right corner of the map area shows "Chatham County, Chatham County GIS" and the Esri logo. The system tray at the bottom of the screen shows the time as 3:14 PM.

4. Click on the parcel you are searching and a window will open up.

The screenshot displays the Chatham County Land Records Viewer interface. The search bar at the top left contains the text "valley". A dropdown menu is open, listing several address points and subdivisions, including "31 VALLEY VIEW LN", "53 VALLEY VIEW LN", "501 VALLEY LN", "83 VALLEY LN", "55 VALLEY LN", "72 VALLEY LN", "Subdivisions", "HIDDEN VALLEY", "VALLEY MEADOW", "VALLEY VIEW", and "ORCHARD VALLEY". A red arrow points from the search bar area to a popup window on the right. The popup window displays the following information:

AKPAR: 18611

Deed Name (January 1): ORCHARD VALLEY CEMETARY
Current Owners: ORCHARD VALLEY CEMETARY
Land Value: \$590
Improvement Value: \$0
Total Value: \$590
Decoded Acreage: 0.06
Legal Description: CL12-8
Physical Address: ORCHARD VIEW

[Property Record Card](#)
[Tax Search](#)
[Property Deed](#)
[Plot Map](#)
[Well/Septic Permit](#)

Chatham County GIS shall not be held liable for any errors in these data. This includes errors at issuance/creation dates.

[Zoom to](#)

The popup window also features a red arrow pointing to a specific parcel on the map, which is highlighted in orange. The map shows various parcels with their respective AKPAR numbers (e.g., 68415, 20049, 18612, 68413, 68412, 68386, 88260, 20051, 20052, 1045, 64, 84) and street names like "ORCHARD VIEW". The interface includes a standard browser window with the URL "http://chathamngis.maps.arcgis.com/apps/webappviewer/index.html?id=65367d5f697747" and a menu bar with "File", "Edit", "View", "Favorites", "Tools", and "Help".

5. Click on, "Well/Septic Permits"

The screenshot displays the Chatham County Land Records Viewer interface. The browser address bar shows the URL: <http://chathamncgis.maps.arcgis.com/apps/webappviewer/index.html?id=65367d5f697747>. The page title is "Chatham County Land Records Viewer".

On the left side, there is a search bar with the text "valley" and a dropdown menu showing a list of address points and subdivisions:

- Address Points
 - 31 VALLEY VIEW LN
 - 53 VALLEY VIEW LN
 - 501 VALLEY LN
 - 83 VALLEY LN
 - 55 VALLEY LN
 - 72 VALLEY LN
- Subdivisions
 - HIDDEN VALLEY
 - VALLEY MEADOW
 - VALLEY VIEW
 - ORCHARD VALLEY

The main map area shows a topographic map with contour lines and property boundaries. A red arrow points to a popup window for the property with AKPAR: 18611. The popup window contains the following information:

AKPAR: 18611

Deed Name (January 1): ORCHARD VALLEY CEMETARY
Current Owners: ORCHARD VALLEY CEMETARY
Land Value: \$590
Improvement Value: \$0
Total Value: \$590
Deeded Acreage: 0.06
Legal Description: CL12-8
Physical Address: ORCHARD VIEW

Links available in the popup window:

- [Property Record Card](#)
- [Tax Search](#)
- [Property Deed](#)
- [Plot Map](#)
- [Well/Septic Permit](#)

At the bottom of the popup window, there is a disclaimer: "Chatham County GIS shall not be held liable for any errors in these data. This includes errors of omission or commission. www.chathamcountyga.gov" and a "Zoom to" button.

The bottom right corner of the map shows the Esri logo and the text "Chatham County, Chatham County GIS". The system clock in the bottom right corner shows "3:14 PM".

If a Well/Septic Permit is available, it will open up in a new window. If no permit is available at this time, you will get an error page

CHATHAM COUNTY HEALTH DEPARTMENT
**Water Supply and Sewage Disposal
IMPROVEMENTS PERMIT**

Map Block Lot 6
COUNTRYSIDE VALLEY
CHRISTINE HOME

No. JS-12412
Date August 10 1972

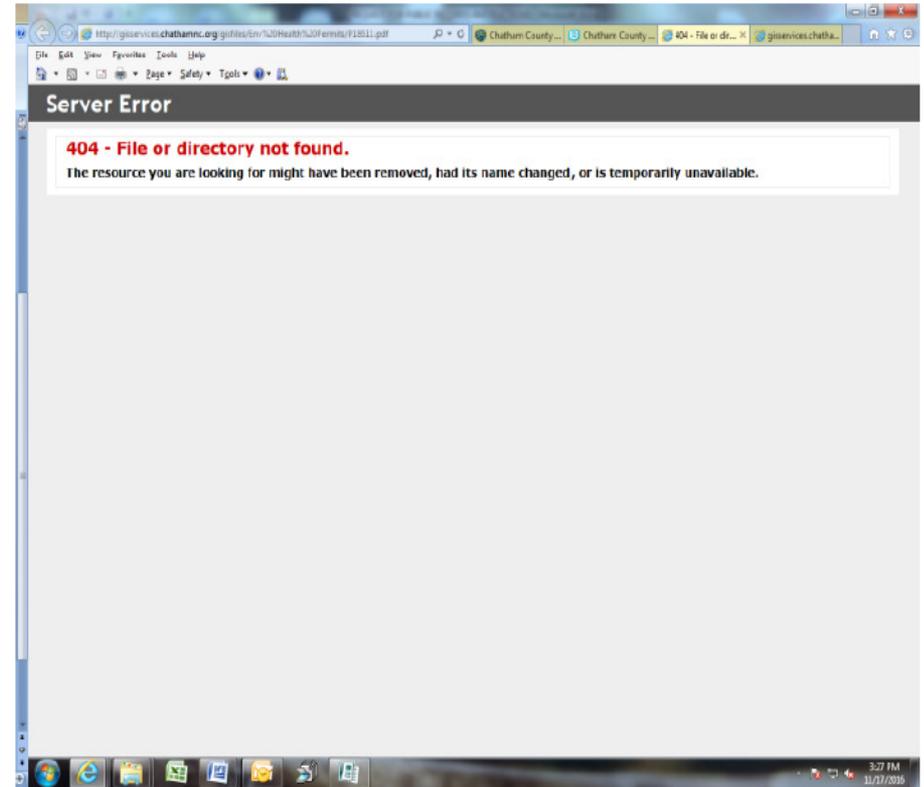
Owner: Christine Home Builders, Inc.
Location: Countryside Valley 570 Lot 4 G
Private drive going down hill will be before end.

Contractor: _____
Water Supply: Private Public _____
No. Bedrooms: _____ Other: _____
Daily Flow Rate: _____ Application Rate: _____
maintain 10ft from septic system; 50 ft from house
10 ft from property lines

Size of tank: _____ Nitification line: _____
concrete well slab sized - 4'8" x 4'8" x 4' inches
factors

Water supply and sewage disposal facilities location, installation and protection must meet state and local regulations.
Septic tank should be pumped out every 3 to 5 years and shall be maintained by owner in such a manner as not to create a public health hazard. Septic tank and nitification line MUST BE INSPECTED AND APPROVED BY A MEMBER OF THE HEALTH DEPARTMENT STAFF BEFORE ANY PORTION OF THE INSTALLATION IS COVERED AND PUT INTO USE.

Signed: A. Daniel [Signature]
Signatarian



If no permit is available on GIS,
contact our office.

GPS



- Legend
- Roads
 - Contour_5ft
 - Approved System Area
 - Stream/River
 - Parcels



This document is for general information purposes only and is not to be considered official. Inquiries regarding this map and data should be obtained by the users of the data from the Charlton County Environmental Health Dept.

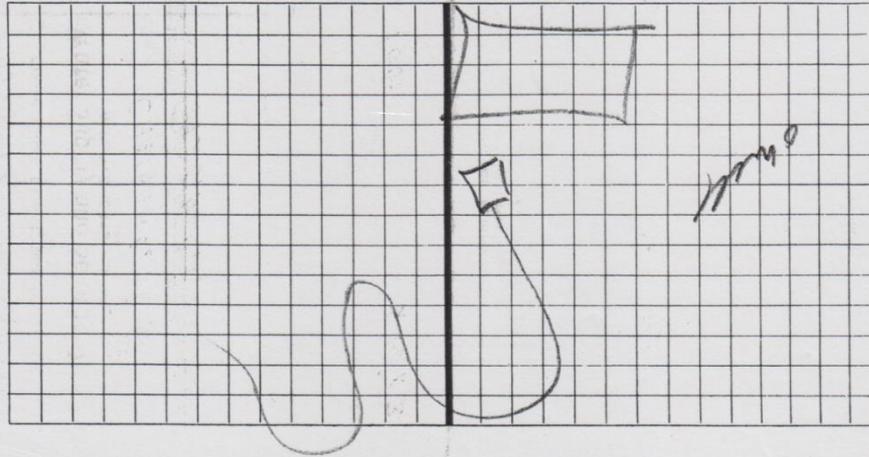
NAME: _____

DATE: _____

NOTE: Make sketch of installation showing lot size and shape, location of house, septic tanks, privies, water supplies, etc. Note special problems existing on lot. Write in measurements in order that installations may be located at later date. Note location of water supplies on adjacent lots.

(1)

(2)



Old permits

If no permit or older permit found

- Check under the house for the wasteline, follow line to 5-15' from house
- In the summer:
 - The grass over the septic tank will be brown
 - The grass of the drainfield will be greener

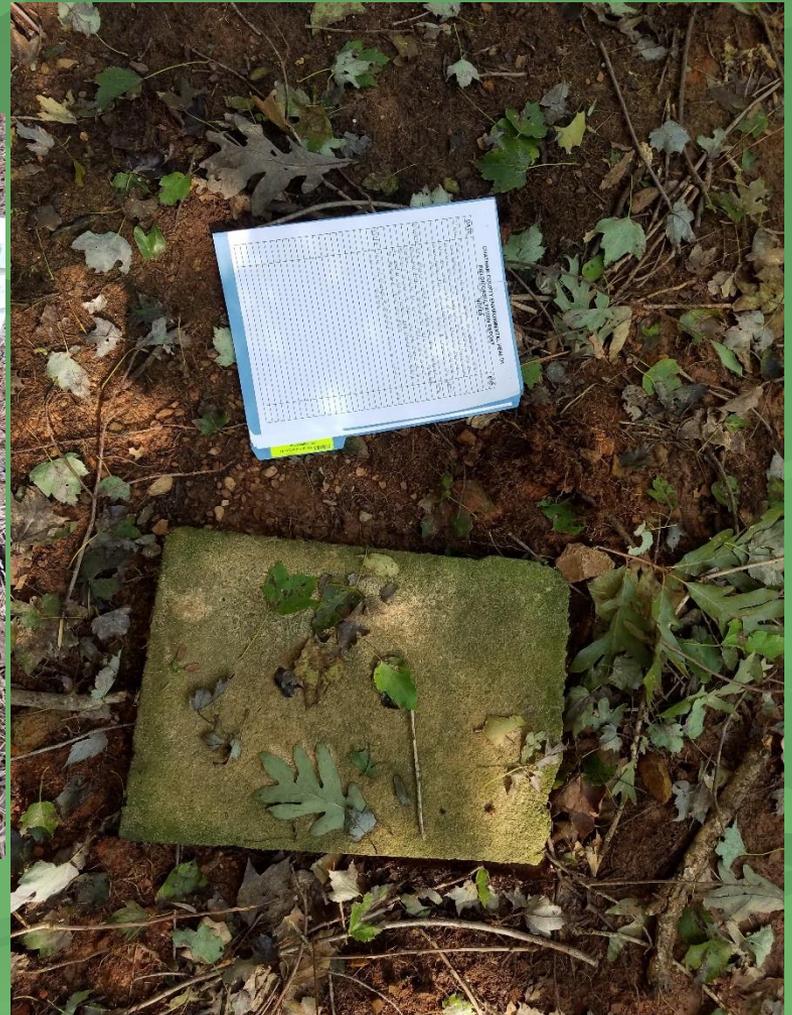
Tank Risers



Cleanout/Observation Port



Distribution



Stripes over gravity drainfield



Vegetative growth over chamber trenches





Vegetative growth over drip emitters
indicating equal distribution

■ Questions?

