

Parcel Number: 17378
 Map Number: 9783-12-2642
 Owner Name: F-L LEGACY OWNER LLC
 Owner Address: 500 BOYLSTON ST, STE 1870
 Owner City: BOSTON
 Owner State: MA
 Owner Zip: 02116
 Tax Year: 2015
 Description: TRACT 2

Deed Book: 1739
 Deed Page: 0373
 Plat Book: 2012
 Plat Page: 0158
 Deed Acres: 256.96
 Physical Address: COVERED BRIDGE TRL
 Improvement Value: 42775
 Land Value: 6268428
 Fire District: 107
 Township Code: 11

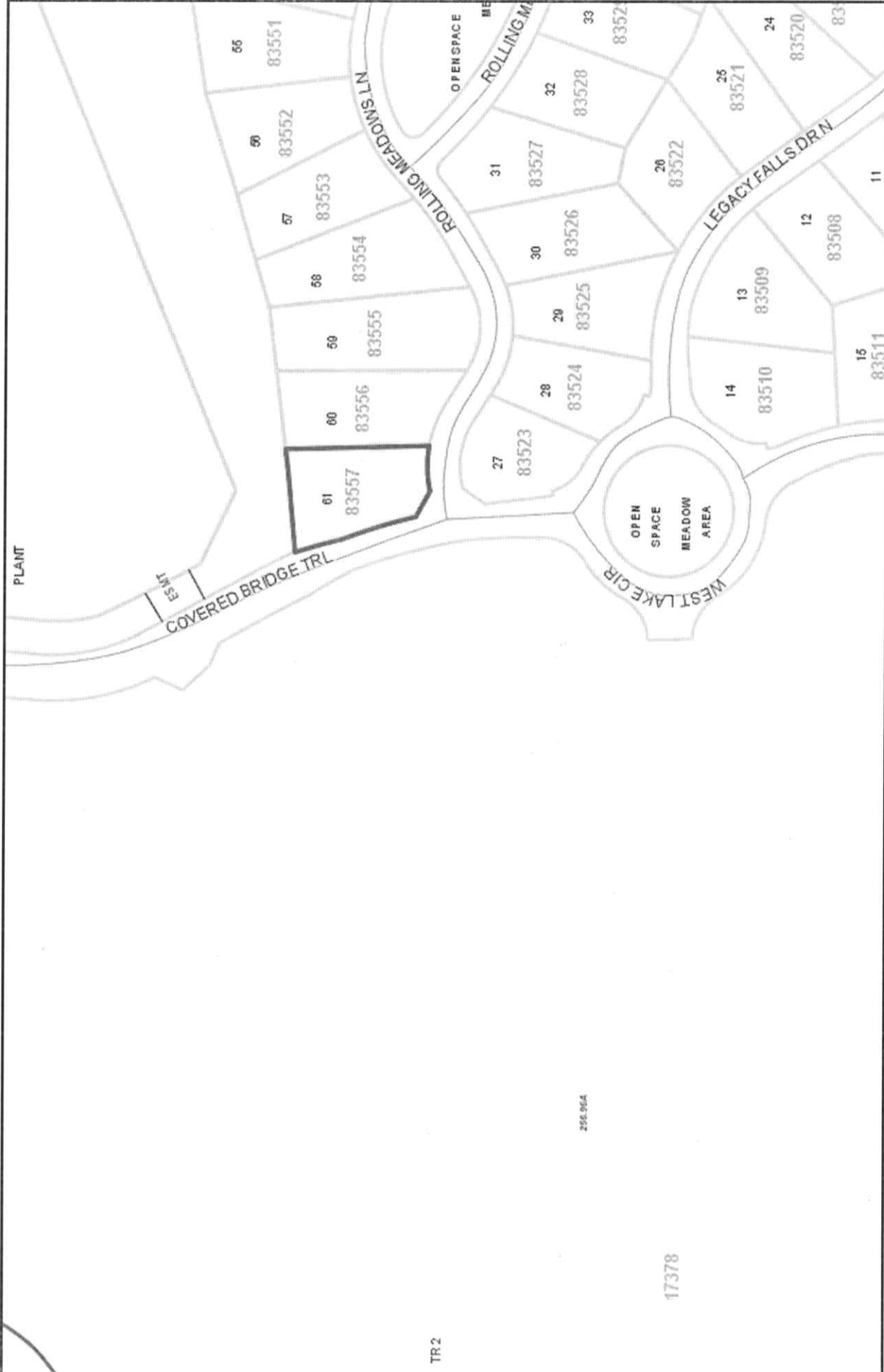
CHATHAM COUNTY, NC
 Property Map



Disclaimer:
 The data provided on this map are prepared for the inventory of real property found within Chatham County, NC and are compiled from recorded plats, deeds, and other public records and are provided for informational purposes only and should not be substituted for a true title search, property appraisal, survey, or for zoning verification.

One Inch = 400 Feet

3



TR 2

256.964

17378

CHATHAM COUNTY, NC



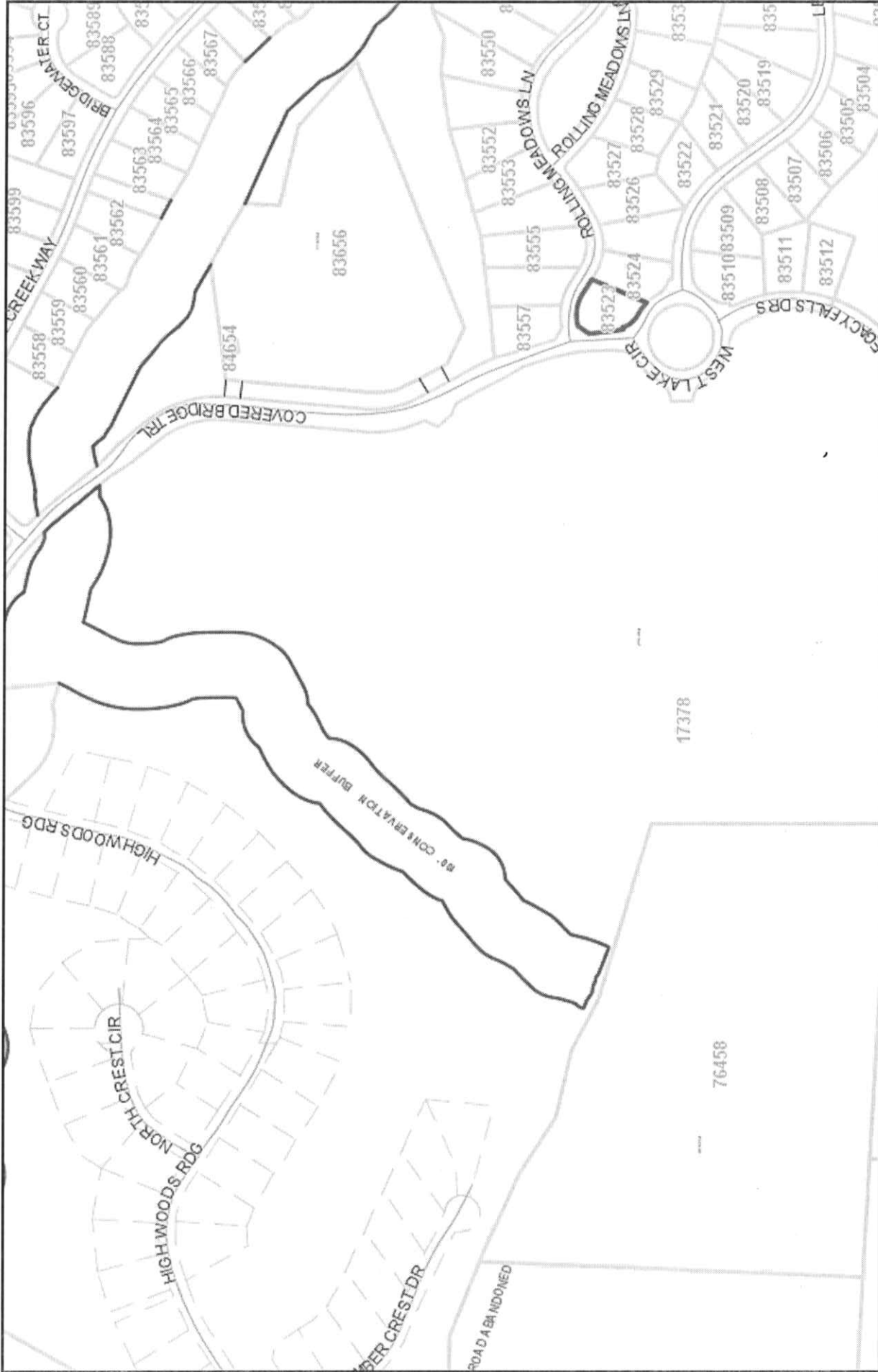
Property Map

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Parcel Number: 83557
 Map Number: 9783-23-1094.000
 Owner Name: HOWARD CHARLES ETUX SHARON T
 Owner Address: 15 ROLLING MEADOWS LANE
 Owner City: CHAPEL HILL
 Owner State: NC
 Owner Zip: 27517
 Tax Year: 2015
 Description: LOT 61

Deed Book: 1687
 Deed Page: 0125
 Plat Book: 2006
 Plat Page: 0150
 Deed Acres: 0.63
 Physical Address: 15 ROLLING MEADOWS LN
 Improvement Value: 0
 Land Value: 150000
 Fire District: 107
 Township Code: 11

One Inch = 200 Feet



CHATHAM COUNTY, NC



Property Map

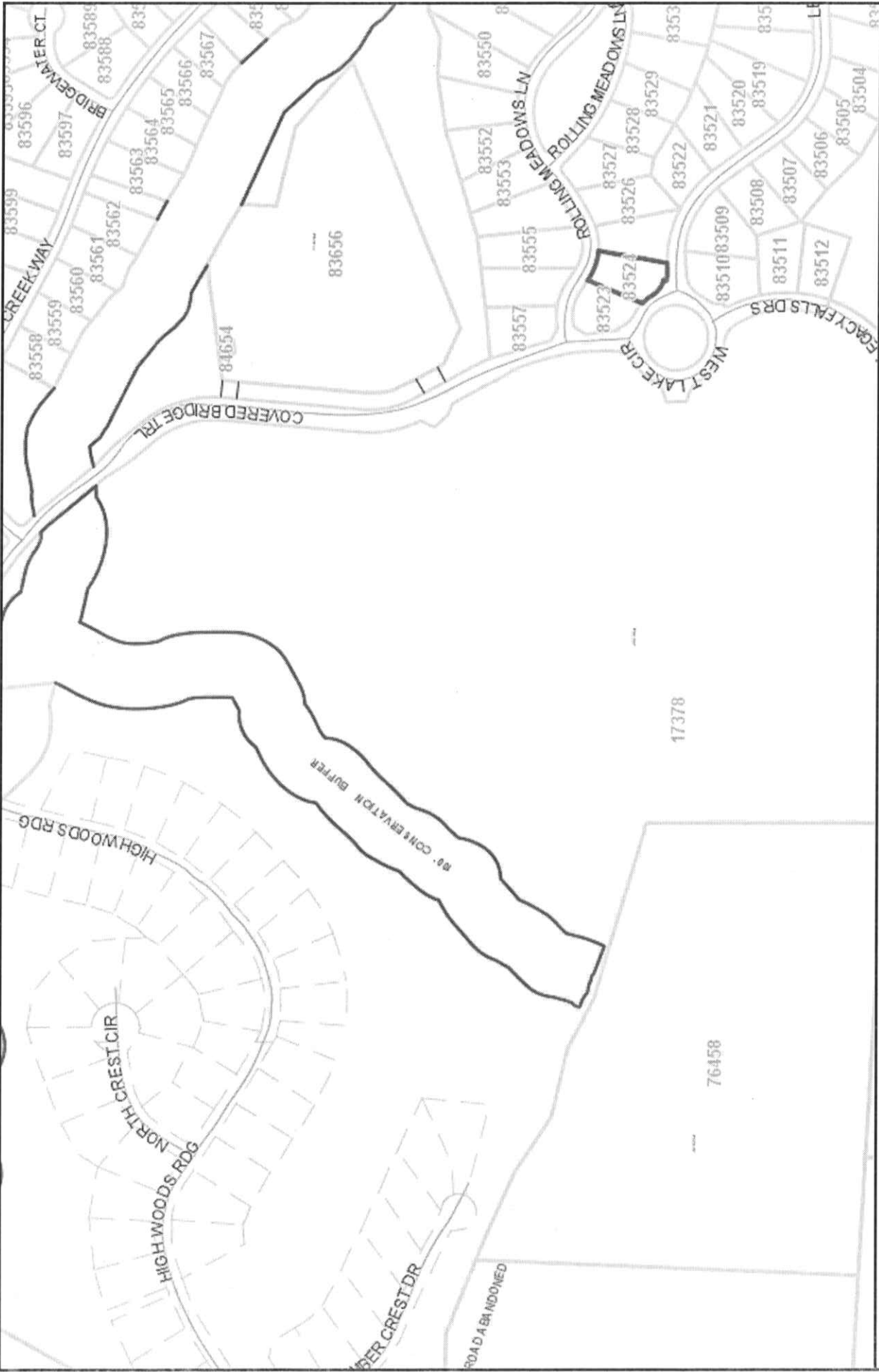
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Parcel Number: 83523
 Map Number: 9783-22-2758.000
 Owner Name: CELESTE MICHAEL ETUX NICOLE
 Owner Address: 50 ROLLING MEADOWS LN
 Owner City: CHAPEL HILL
 Owner State: NC
 Owner Zip: 27517
 Tax Year: 2015
 Description: LOT 27

Deed Book: 1678
 Deed Page: 0809
 Plat Book: 2006
 Plat Page: 0150
 Deed Acres: 0.548
 Physical Address: 26 ROLLING MEADOWS LN
 Improvement Value: 0
 Land Value: 150000
 Fire District: 107
 Township Code: 11

One Inch = 400 Feet

5





CHATHAM COUNTY, NC
Property Map

Parcel Number: 83524
 Map Number: 9783-22-3751.000
 Owner Name: CELESTE MICHAEL ETUX NICOLE
 Owner Address: 50 ROLLING MEADOWS LN
 Owner City: CHAPEL HILL
 Owner State: NC
 Owner Zip: 27517
 Tax Year: 2015
 Description: LOT 28

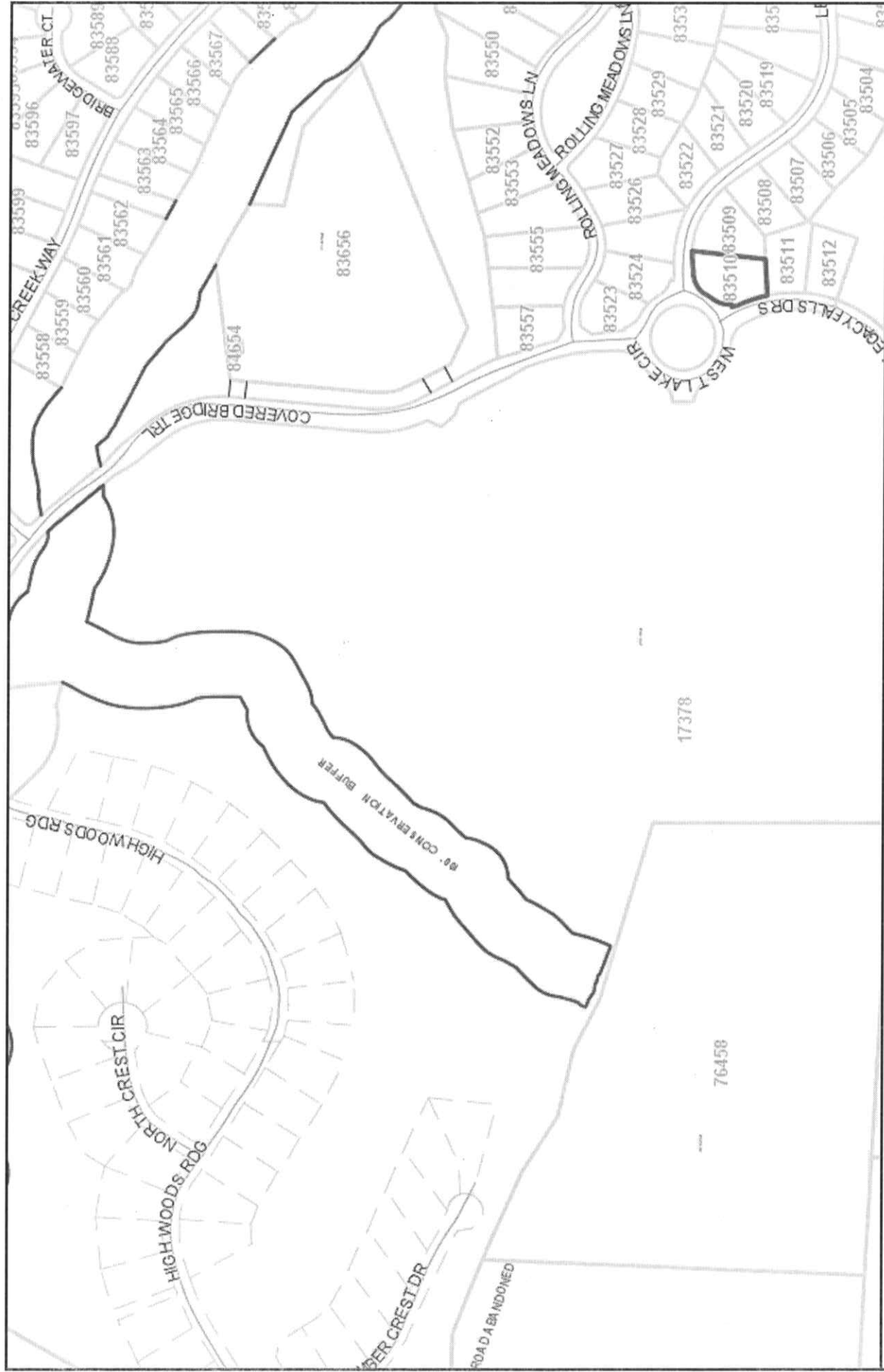
Deed Book: 1593
 Deed Page: 0899
 Plat Book: 2006
 Plat Page: 0150
 Deed Acres: 0.596
 Physical Address: 50 ROLLING MEADOWS LN
 Improvement Value: 831186
 Land Value: 150000
 Fire District: 107
 Township Code: 11

One Inch = 400 Feet

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ce



CHATHAM COUNTY, NC

Property Map

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Parcel Number: 83510
 Map Number: 9783-22-3441.000
 Owner Name: ALLENBAUGH WILLIAM H & SANDRA H
 Owner Address: 264 BROWN BEAR
 Owner City: CHAPEL HILL
 Owner State: NC
 Owner Zip: 27517
 Tax Year: 2015
 Description: LOT 14

Deed Book: 1279
 Deed Page: 0554
 Plat Book: 2006
 Plat Page: 0150
 Deed Acres: 0.662
 Physical Address: 1114 LEGACY FALLS DR S
 Improvement Value: 0
 Land Value: 225000
 Fire District: 107
 Township Code: 11

One Inch = 400 Feet

**North Carolina Department of Environment
And Natural Resources
Division of Water Resources
Public Water Supply Section**

**Application for Approval
of Engineering Plans and Specifications
For Water Supply Systems**

Applicant	Design Engineer
Chatham County Board of Commissioners <small>(Name of Board, Council or Owner - the Applicant)</small>	Mark P. Ashness <small>(Name of Design Engineer of Record)</small>
Charlie Horne, County Manager <small>(Name and Title of Authorized Official or Representative of the Applicant)</small>	CE Group, Inc. <small>(Name of Engineering Firm)</small>
PO Box 1550 <small>(Street or Box Number)</small>	301 Glenwood Avenue Suite 220 <small>(Street or Box Number)</small>
Pittsboro, NC 27312 <small>(City, State & ZIP)</small>	Raleigh, NC 27603 <small>(City, State & ZIP)</small>
919-542-8201 <small>(Phone Number)</small>	919-367-8790 ext 102 <small>(Phone Number)</small>
919-542-8272 <small>(FAX Number)</small>	919-322-0032 <small>(FAX Number)</small>
Charlie.Horne@ChathamNC.org <small>(Email address)</small>	mark@cegroupinc.com <small>(Email address)</small>
 <small>(Signature of Authorized Official or Representative of the Applicant)</small>	

Project Name: The Legacy Subdivision Phase 4A1
(Name of Project to appear on Public Water Supply Section records and tracking system)

Construction of +/- 1974 LF (8" WL, 32 water services and accompanying appurtenances connecting the Legacy Phase 4A1 Subdivision to the existing Legacy Subdivision.
(description of project)

The project is located within the existing Legacy Subdivision Phase 4A will be located off Covered Bridge Trail.
(general location of project)

in Chatham County.

Date _____
(for DENR use only)

Serial No. _____
(for DENR use only)

Application for Approval of Engineering Plans and Specifications for Water Supply Systems

To: Division of Water Resources,
Department of Environment and Natural Resources

The Applicant applies under and in full accord with the provision of NCGS 130A-317, and such other statutes and rules as relate to public water systems. The Authorized Official or Representative of the Applicant represents that he is authorized to act for the Applicant. The Authorized Official or Representative of the Applicant understands and agrees to the following:

1. The Applicant shall not award contracts or begin construction without first receiving "Authorization to Construct" from DENR.
2. The Applicant shall make no change or deviation from the engineering plans and specifications approved by DENR except as allowed by 15A NCAC 18C .0306 or with the written consent and approval of DENR.
3. The Applicant shall obtain Final Approval from DENR prior to placing the project (or any portion thereof) into service.
4. Digital (PDF) submittals are true image copy of the original sealed/signed documents.

An authorized representative of the Public Water System (not always the same as the Applicant) is to complete and sign the following WSMP section.

Status of Water System Management Plan (WSMP)

Check one of the following, and if applicable, provide the required information:

- The WSMP for the project, as defined in the attached engineering plans and specifications, has not been submitted.
- Three copies of the WSMP for the project, as defined in the attached engineering plans and specifications, are submitted with this application.
- The WSMP that includes this project, as defined in the attached engineering plans and specifications, was previously submitted.

Provide the following:

Public Water System Name: North Chatham Water System
Owner Name: Chatham County Government
Water System No: NC 0319126
Serial Number of approved WSMP: 99-02125

By my signature below, I certify that the previously submitted WSMP contains the information required by 15A NCAC 18C .0307(c) for the project defined in the attached engineering plans and specifications.

Charlie Horne
(Type or print name of authorized representative of Public Water System)

County Manager
(Title of authorized representative of Public Water System)


(Signature of authorized representative of Public Water System)

11/24/14
(Date)

Application for Approval of Engineering Plans and Specifications for Water Supply Systems

In accordance with NCGS 130A-328, the Public Water Supply Section charges a fee for plan review. Any documents submitted for review must be accompanied by a check payable to DENR-Public Water Supply Section before the review will begin.

There is a \$25 fee for returned checks.

The charges for review of plans are shown below. Check one of the following.

Distribution System fees

- | | | |
|-------------------------------------|---|-------|
| <input checked="" type="checkbox"/> | Construction of water lines, less than 5000 linear feet | \$150 |
| <input type="checkbox"/> | Construction of water lines, 5000 linear feet or more | \$200 |
| <input type="checkbox"/> | Other construction or alteration to a distribution system | \$ 75 |

Ground Water System fees

- | | | |
|--------------------------|--|-------|
| <input type="checkbox"/> | Construction of a new ground water system or adding a new well | \$200 |
| <input type="checkbox"/> | Alteration to an existing ground water system | \$100 |

Surface water system fees

- | | | |
|--------------------------|---|-------|
| <input type="checkbox"/> | Construction of a new surface water intake or treatment facility | \$250 |
| <input type="checkbox"/> | Alteration to existing surface water intake or treatment facility | \$150 |

Other fees

- | | | |
|--------------------------|--|-------|
| <input type="checkbox"/> | Water System Management Plan review | \$ 75 |
| <input type="checkbox"/> | Miscellaneous changes or maintenance not covered above | \$ 50 |

Notes:

1. Projects for Tank Rehabilitation use separate "Application for Water Tank Reconditioning Plan Approval."
2. The fee is not refundable if the plans are not approved
3. Revisions to plans to address the Public Water Supply Section's or other state agency's comments do not incur an additional fee.
4. If one set of plans has multiple related items (such as a new well with construction of water lines) only one fee must be submitted for highest price item. The amounts are not cumulative, except for fees for Water System Management Plans.
5. If the appropriate plan review fee is not received within ten days after the receipt of plans and specifications for approval, then all plan documents will be recycled. A new set of documents must then be submitted with the appropriate fee for approval.

This approval does not address all applicable laws, rules, standards and criteria, and other approvals and licenses that may be required by the local, state or federal government.

The Public Water Supply Section gives this approval with the understanding that upon installation of such works, its operation shall be placed under the care of a competent person, and the operation shall be carried out according to best accepted practice and in accordance with DENR's recommendations.

The Public Water Supply Section has stamped and sealed the official copies of plans and specifications accompanying this application with the serial number of this application _____. Any erasures, additions or alterations of the proposed improvements except those permitted in 15A NCAC 18C .0306 make this approval null and void.

This approval does not constitute a warranty of the design, construction or future operation of the water system.

Signed: _____

Public Water Supply Section
DENR

Application for Approval of Engineering Plans and Specifications for Water Supply Systems

Other Information and Checklist Page

- Attached is a check for the proper plan review fee amount, in accordance with NCGS 130A-328. See note 4 on page 3.

This submittal includes one paper original with two digital (PDF) CDs of the following items, each item in separate folders:

- This completed "Application for Approval of Engineering Plans and Specifications for Water Supply Systems"
- The sealed plan drawings, separate file in PDF format for each drawing. Cover sheet must include drawings index;
- The project-specific Engineering Report (ER) describing the scope and purpose of the project and addressing each of the items listed in 15A NCAC 18C .0307(b), including the design basis of the project [15A NCAC 18C .0307(b) (12)];
- Specifications for this project; **OR**
- The project will use the following system's previously approved standard specifications for waterline extensions:

Name of System: _____

Serial Number: _____

The Serial Numbers for previously approved standard specifications can be found at the following website:

<http://www.ncwater.org/pws/PlanReview/stdspecs.html>

One of the following:

- Attached is a letter signed by an authorized representative of the Public Water System agreeing to serve the project and stating that the system has adequate supply;

OR

- The Applicant is the Public Water System.

If the project has sought funding (for example, DWSRF loan) list the program and (if available) the application or funding number below:

Program Name	Application or Funding Number, if available



Soil Erosion and Sedimentation Control

LETTER OF APPROVAL

January 5, 2015

Thomas Tischer
F-L Legacy, LLC
500 Boylston St., Ste 1870
Boston, MA 02116

RE:	Project Name:	The Legacy Phase 4A
	Project Number:	2014-059
	Acres approved:	41.5
	Total Acres:	257
	Submitted by:	Mark Ashness PE, CE Group
	Date Received:	12-15-14

To The Above Named Person and Entity,

This office has reviewed the subject erosion and sedimentation control plan. We find the plan to be acceptable and hereby issue this Letter of Approval. The enclosed Certificate of Approval must be posted at the job site. This plan approval shall expire two (2) years following the date of approval, if no land-disturbing activity has been undertaken.

Section 10 (l) of the Chatham County Sedimentation and Erosion Control Ordinance requires that a copy of the approved erosion control plan be on file at the job site. Also, this letter gives the notice required by G.S. 113A-61.1(a) of our right of periodic inspection to insure compliance with the approved plan.

North Carolina's Sedimentation Pollution Control Act is performance-oriented, requiring protection of existing natural resources and adjoining properties. If, following the commencement of this project, the erosion and sedimentation control plan is inadequate to meet the requirements of the Chatham County Sedimentation and Erosion Control Ordinance, this office may require revisions to the plan and implementation of the revisions to insure compliance with the Act.

Acceptance and approval of this plan is conditioned upon your compliance with Federal and State water quality laws, regulations, and rules. In addition, local city or county ordinances or rules may



LAND & WATER RESOURCES DIVISION
Environmental Quality Department

P.O. Box 548
Pittsboro, NC 27312
PHONE: (919) 545-8343

Fax: (919) 542-2698 • E-mail: rachael.thorn@chathamnc.org • Website: www.chathamnc.org

also apply to this land-disturbing activity. This approval does not supersede any other permit or approval.

Please be aware that your project will be covered by the enclosed NPDES General Stormwater Permit NCGO1000 (Construction Activities). You should first become familiar with all of the requirements for compliance with the enclosed general permit.

Please note that this approval is based in part on the accuracy of the information provided in the Financial Responsibility Form, which you provided. You are requested to file an amended form if there is any change in the information included on the form. Please notify us when you would like to schedule a preconstruction conference. Notification shall be given at least 7 days prior to initiation of activity.

Your cooperation is appreciated.

Sincerely,

Rachael Thorn
Lead Sedimentation and Erosion Control Officer
Land and Water Resources Division
Chatham County



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

January 29, 2015

Thomas J. Roberts, President and COO
Aqua North Carolina, Incorporated
202 Mackenan Court
Cary, NC 27511

Subject: Permit No. WQ0037563
Aqua North Carolina, Incorporated
The Legacy Phase 4A
Wastewater Collection System Extension Permit
Chatham County

Dear Mr. Roberts:

In accordance with your application received January 15, 2015, and additional information received on we are forwarding herewith Permit No. WQ0037563 dated January 29, 2015, to Aqua North Carolina, Inc. (Permittee) for the construction and operation upon certification of the subject wastewater collection system extension. This permit shall be effective from the date of issuance until rescinded, and shall be subject to the conditions and limitations as specified therein. This cover letter shall be considered a part of this permit and is therefore incorporated therein by reference.

Please pay particular attention to the following conditions contained within this permit:

- Condition II.1: This permit shall not be automatically transferable; a request must be made and approved.
- Condition II.4: Requires that the wastewater collection facilities be properly operated and maintained in accordance with 15A NCAC 2T .0403 or any individual system-wide collection system permit issued to the Permittee.

It shall be the responsibility of the Permittee to ensure that the as-constructed project meets the appropriate design criteria and rules. Failure to comply may result in penalties in accordance with North Carolina General Statute §143-215.6A through §143-215.6C, construction of additional or replacement wastewater collection facilities, and/or referral of the North Carolina-licensed Professional Engineer to the licensing board.

If any parts, requirements, or limitations contained in this permit are unacceptable, you have the right to request an adjudicatory hearing upon written request within 30 days following receipt of this permit. This request must be in the form of a written petition, conforming to Chapter 150B of North Carolina General Statutes, and filed with the Office of Administrative Hearings, 6714 Mail Service Center, Raleigh, NC 27699-6714. Unless such demands are made, this permit shall be final and binding.

Aqua North Carolina, Inc.
Permit No. WQ0037563

If you need additional information concerning this matter, please contact Jason Robinson at (919) 791-4249 or via e-mail at jason.t.robinson@ncdenr.gov.

Sincerely,



for S. Jay Zimmerman, Acting Director
Division of Water Resources, NCDENR

by S. Daniel Smith, Regional Supervisor
Water Quality Regional Operations Section
Raleigh Regional Office
Division of Water Resources, NCDENR

cc: Mark Ashness P.E., c/o CE Group, Inc: 301 Glenwood Ave, Suite 220, Raleigh, NC 27603
Chatham County Health Department
Raleigh Regional Office Files
Water Resources Central Files
PERCS (electronic copy)



STATE OF NORTH CAROLINA
ENVIRONMENTAL MANAGEMENT COMMISSION
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

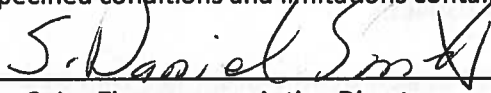
WASTEWATER COLLECTION SYSTEM EXTENSION PERMIT

In accordance with the provisions of Article 21 of Chapter 143, General Statutes of North Carolina as amended, and other applicable Laws, Rules, and Regulations, permission is hereby granted to the

Aqua North Carolina, Incorporated
Chatham County

for the construction and operation of approximately 6,080 linear feet of 8-inch gravity sewer; a 250-gallon per minute pump station with duplex pumps, on-site audible and visual high water alarms, telemetry, and a permanent generator with automatic transfer switch; as well as approximately 720 linear feet of 4-inch force main to serve 109 single family residential lots as part of the Legacy Phase 4A project, and the discharge of 23,980 gallons per day of collected domestic wastewater into the Aqua North Carolina Incorporated existing Legacy Development sewerage system, pursuant to the application received January 15, 2015 and in conformity with 15A NCAC 2T; the Division's Gravity Sewer Minimum Design Criteria adopted February 12, 1996 and updated in March 2008, as applicable; the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Stations and Force Mains adopted June 1, 2000 and updated March 2008, as applicable; and other supporting data subsequently filed and approved by the Department of Environment and Natural Resources and considered a part of this permit.

This permit shall be effective from the date of issuance until rescinded and shall be subject to the specified conditions and limitations contained therein.


for S. Jay Zimmerman, Acting Director
Division of Water Resources, NCDENR
By Authority of The Environmental Management Commission

Permit Number: WQ0037563
Permit Issued: January 29, 2015

SUPPLEMENT TO PERMIT COVER SHEET

Aqua North Carolina, Incorporated is hereby authorized to:

Construct, and then operate upon certification the aforementioned wastewater collection extension. The sewage and wastewater collected by this system shall be treated in the Aqua North Carolina Incorporated's Legacy Development Wastewater Treatment Facility in accordance with Permit Number WQ0024844.

Permitting of this project does not constitute an acceptance of any part of the project that does not meet 15A NCAC 2T; the Division's Gravity Sewer Minimum Design Criteria adopted February 12, 1996 and updated March 2008, as applicable; and the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Stations and Force Mains adopted June 1, 2000 and updated March 2008, as applicable, unless specifically mentioned herein. Division approval is based on acceptance of the certification provided by a North Carolina-licensed Professional Engineer in the application. It shall be the Permittee's responsibility to ensure that the as-constructed project meets the appropriate design criteria and rules.

Construction and operation is contingent upon compliance with the Standard Conditions and Special Conditions identified below.

I. SPECIAL CONDITIONS

1. No flow in excess of the quantity permitted herein, 23,908 gpd, shall be made tributary to the subject sewer system until an application for permit modification for an increase in flow has been submitted to and approved by the Division. [15A NCAC 02T.0304(b)]
2. Each pump station shall be clearly and conspicuously posted using a weatherproof sign with a pump station identifying name/number, 24-Hour Emergency telephone number, and name of the owner/operator of the sewer system/pump station and instructions to call the number in the event of alarm activation or other emergency.

II. STANDARD CONDITIONS

1. This permit shall not be transferable. In the event there is a desire for the wastewater collection facilities to change ownership, or there is a name change of the Permittee, a formal permit request shall be submitted to the Division accompanied by documentation from the parties involved, and other supporting materials as may be appropriate. The approval of this request shall be considered on its merits and may or may not be approved. [15A NCAC 02T.0104; G.S 143-215.1(d3)]
2. This permit shall become voidable unless the wastewater collection facilities are constructed in accordance with the conditions of this permit; 15A NCAC 2T; the Division's Gravity Sewer Minimum

Design Criteria adopted February 12, 1996 and updated March 2008, as applicable; the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Stations and Force Mains adopted June 1, 2000 and updated March 2008, as applicable; and other supporting materials unless specifically mentioned herein. [15A NCAC 02T.0110]

3. This permit shall be effective only with respect to the nature and volume of wastes described in the application and other supporting data. [15A NCAC 02T .0110]
4. The wastewater collection facilities shall be properly maintained and operated at all times. The Permittee shall maintain compliance with an individual system-wide collection system permit for the operation and maintenance of these facilities as required by 15A NCAC 2T .0403. If an individual permit is not required, the following performance criteria shall be met: [15A NCAC 02T .0108(b)]:
 - a. The sewer system shall be effectively maintained and operated at all times to prevent discharge to land or surface waters, and to prevent any contravention of groundwater standards or surface water standards.
 - b. A map of the sewer system shall be developed and shall be actively maintained.
 - c. An operation and maintenance plan including pump station inspection frequency, preventative maintenance schedule, spare parts inventory and overflow response has been developed and implemented.
 - d. Pump stations that are not connected to a telemetry system shall be inspected every day (i.e. 365 days per year). Pump stations that are connected to a telemetry system shall be inspected at least once per week.
 - e. High-priority sewer lines shall be inspected at least once per every six-months and inspections are documented.
 - f. A general observation of the entire sewer system shall be conducted at least once per year.
 - g. Overflows and bypasses shall be reported to the appropriate Division regional office in accordance with 15A NCAC 2B .0506(a), and public notice shall be provided as required by North Carolina General Statute §143-215.1C.
 - h. A Grease Control Program is in place as follows:
 1. For public owned collection systems, the Grease Control Program shall include at least biannual distribution of educational materials for both commercial and residential users and the legal means to require grease interceptors at existing establishments. The plan shall also include legal means for inspections of the grease interceptors, enforcement for violators and the legal means to control grease entering the system from other public and private satellite sewer systems.
 2. For privately owned collection systems, the Grease Control Program shall include at least bi-annual distribution of grease education materials to users of the collection system by the permittee or its representative.
 3. Grease education materials shall be distributed more often than required in Parts (1) and (2) of this Subparagraph if necessary to prevent grease-related sanitary sewer overflows.

- i. Right-of-ways and easements shall be maintained in the full easement width for personnel and equipment accessibility.
 - j. Documentation shall be kept for Subparagraphs (a) through (i) of this Rule for a minimum of three years with exception of the map, which shall be maintained for the life of the system.
5. The Permittee shall report by telephone to a water resources staff member at the Raleigh Regional Office, telephone number (919) 791-4200, as soon as possible, but in no case more than 24 hours, following the occurrence or first knowledge of the occurrence of either of the following:
- a. Any process unit failure, due to known or unknown reasons, that renders the facility incapable of adequate wastewater transport, such as mechanical or electrical failures of pumps, line blockage or breakage, etc.; or
 - b. Any SSO and/or spill over 1,000 gallons; or
 - c. Any SSO and/or spill, regardless of volume, that reaches surface water

Voice mail messages or faxed information is permissible, but this shall not be considered as the initial verbal report. Overflows and spills occurring outside normal business hours may also be reported to the Division of Emergency Management at telephone number (800) 858-0368 or (919) 733-3300. Persons reporting any of the above occurrences shall file a spill report by completing and submitting Part I of Form CS-SSO (or the most current Division approved form) within five days following first knowledge of the occurrence. This report must outline the actions taken or proposed to be taken to ensure that the problem does not recur. Part II of Form CS-SSO (or the most current Division approved form) can also be completed to show that the SSO was beyond control. [G.S. 143-215.1C(a1)]

6. Construction of the gravity sewers, pump stations, and force mains shall be scheduled so as not to interrupt service by the existing utilities nor result in an overflow or bypass discharge of wastewater to the surface waters of the State. [15A NCAC 02T.0108(b)]
7. Upon completion of construction and prior to operation of these permitted facilities, the completed Engineering Certification form attached to this permit shall be submitted with the required supporting documents to the address provided on the form. A complete certification is one where the form is fully executed and the supporting documents are provided as applicable. Any wastewater flow made tributary to the wastewater collection system extension prior to completion of this Engineer's Certification shall be considered a violation of the permit and shall subject the Permittee to appropriate enforcement actions.

If the permit is issued to a private entity with an Operational Agreement, then a copy of the Articles of Incorporation, Declarations/Covenants/Restrictions, and Bylaws that have been appropriately filed with the applicable County's Register of Deeds office shall be submitted with the certification.

A complete certification is one where the form is fully executed and the supporting documents are provided as applicable. Supporting documentation shall include the following:

- a. One copy of the project construction record drawings (plan & profile views of sewer lines & force mains) of the wastewater collection system extension. Final record drawings should be clear on the plans or on digital media (CD or DVD disk) and are defined as the design drawings

that are marked up or annotated with after construction information and show required buffers, separation distances, material changes, etc.

- b. One copy of the supporting applicable design calculations including pipe and pump sizing, velocity, pump cycle times, and level control settings, pump station buoyancy, wet well storage, surge protection, detention time in the wet well, and force main, ability to flush low points in force mains with a pump cycle, and downstream sewer capacity analysis. If a portable power source or pump is dedicated to multiple stations, an evaluation of all the pump stations' storage capacities and the rotation schedule of the portable power source or pump, including travel timeframes, shall be provided.
- c. Changes to the project that do not result in non-compliance with this permit, regulations, or the Minimum Design Criteria should be clearly identified on the record drawings, on the certification in the space provided, or in written summary form.

Prior to Certification (Final or Partial): Permit modifications are required for any changes resulting in non-compliance with this permit (including pipe length increases of 10% or greater, increased flow, pump station design capacity design increases of 5% or greater, and increases in the number/type of connections), regulations, or the Minimum Design Criteria. Requested modifications or variances to the Minimum Design Criteria will be reviewed on a case-by-case basis and each on its own merit. Please note that variances to the Minimum Design Criteria should be requested and approved during the permitting process prior to construction. After-construction requests are discouraged by the Division and may not be approved, thus requiring replacement or repair prior to certification & activation. [15A NCAC 02T .0116]

8. Gravity sewers installed greater than ten percent below the minimum required slope per the Division's Gravity Sewer Minimum Design Criteria shall not be acceptable and shall not be certified until corrected. If there is an unforeseen obstacle in the field where all viable solutions have been examined, a slope variance can be requested from the Division with firm supporting documentation. This shall be done through a permit modification with fee. Such variance requests will be evaluated on a case-by-case basis. Resolution of such request shall be evident prior to completing and submitting the construction certification. [15A NCAC 02T.0105(n)]
9. A copy of the construction record drawings shall be maintained on file by the Permittee for the life of the wastewater collection facilities. [15A NCAC 02T .0116]
10. Failure to abide by the conditions and limitations contained in this permit; 15A NCAC 2T; the Division's Gravity Sewer Design Criteria adopted February 12, 1996 and updated March 2008, as applicable; the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Station and Force Mains adopted June 1, 2000 and updated March 2008 as applicable; and other supporting materials may subject the Permittee to an enforcement action by the Division, in accordance with North Carolina General Statutes §143-215.6A through §143-215.6C, construction of additional or replacement wastewater collection facilities, and/or referral of the North Carolina-licensed Professional Engineer to the licensing board. [15A NCAC 02T .0104; 15A NCAC 02T .0108(b-c)]
11. In the event that the wastewater collection facilities fail to perform satisfactorily, including the creation of nuisance conditions, the Permittee shall take immediate corrective action, including those as may be required by this Division, such as the construction of additional or replacement facilities. [15A NCAC 02T .0110; 15A NCAC 02T .0108(b)]

12. The issuance of this permit shall not exempt the Permittee from complying with any and all statutes, rules, regulations, or ordinances that may be imposed by the Division any other Federal, State, or Local government agencies which have jurisdiction or obtaining other permits which may be required by the Division or any other Federal, State, of Local government agencies. [G.S. 143-215.1(b)]

FAST TRACK SEWER ENGINEERING CERTIFICATION

PERMITTEE: Aqua North Carolina, Incorporated
PERMIT #: WQ0037563
PROJECT: The Legacy Phase 4A
ISSUE DATE: January 29, 2015

This project shall not be considered complete nor allowed to operate in accordance with Condition 7 of this permit until the Division has received this Certification and all required supporting documentation. It should be submitted in a manner that documents the Division's receipt. Send the required documentation the Regional Supervisor, Water Quality Regional Operations Section at the address at the bottom.

Any wastewater flow made tributary to the wastewater collection system extension prior to completion of this Certification shall be considered a violation of the permit and shall subject the Permittee to appropriate enforcement actions. The Permittee is responsible for tracking all partial certifications up until a final certification is received. A Final Certification shall be a complete set of record drawings and design calculations regardless of whether partials have been submitted.

PERMITTEE'S CERTIFICATION

I, the undersigned agent for the Permittee, hereby state that this project has been constructed pursuant to the applicable standards & requirements, the Professional Engineer below has provided applicable design/construction information to the Permittee, and the Permittee is prepared to operate & maintain the wastewater collection system permitted herein or portions thereof.

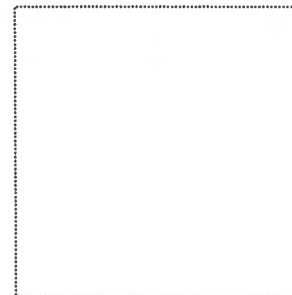
Printed Name, Title	Signature	Date
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ENGINEER'S CERTIFICATION

I, _____, as a duly registered Professional Engineer in the State of North Carolina, having been authorized to observe (periodically, weekly, full time) the construction of the project name and location as referenced above for the above Permittee hereby state that, to the best of my abilities, due care and diligence was used in the observation of the construction such that the construction was observed to be built within substantial compliance of this permit; 15A NCAC 02T; the Division of Water Resources' (Division) Gravity Sewer Minimum Design Criteria adopted February 12, 1996 and updated March 2008, as applicable; the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Stations and Force Mains adopted June 1, 2000 and updated March 2008, as applicable; and other supporting materials.

North Carolina Professional Engineer's Seal w/signature & date:

Final Partial (include description)



Certification Comments/Qualifiers (attach if necessary):



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

January 15, 2015

Mr. Charlie Horne, County Manager
Chatham County Board of Commissioners
Post Office Box 1550
Pittsboro, North Carolina 27312

Re: Engineering Plans and Specifications Approval
Water Main Extension
The Legacy Subdivision Phase 4A1
North Chatham Water System
Water System No.: NC0319126, Chatham County
Serial No. 14-00917

Dear Mr. Horne:

Enclosed please find one copy of the "Application for Approval..." together with one copy of the referenced engineering plans and specifications bearing the Division of Water Resources stamp of approval for the referenced project. These engineering plans and specifications are approved under Division of Water Resources Serial Number 14-00917, dated January 15, 2015.

Engineering plans and specifications prepared by Mark P. Ashness, P.E, call for the installation of approximately 2,000 feet of 8-inch water main, valves, a hydrant and other appurtenances along Legacy Falls Drive West and Village Walk Drive located off of Covered Bridge Trail in The Legacy subdivision.

Please note that in accordance with 15A NCAC 18C .0309(a), no construction, alteration, or expansion of a water system shall be placed into service or made available for human consumption until the Public Water Supply Section has issued Final Approval. Final Approval will be issued and mailed to the applicant upon receipt of both an Engineer's Certification and an Applicant's Certification submitted in accordance 15 A NCAC 18C .0303 (a) and (c).

These plans and specifications in the foregoing application are approved insofar as the protection of public health is concerned as provided in the rules, standards and criteria adopted under the authority of Chapter 130A-317 of the General Statutes. This approval does not constitute a warranty of the design, construction or future operation of the water system.

Mr. Charlie Horne, County Manager
Page 2 of 2
January 15, 2015

One copy of the "Application for Approval..." and a copy of the plans and specifications with a seal of approval from the department are enclosed. One copy of the enclosed documents in digital format (CD) is being forwarded to our Raleigh Regional Office. The third copy in digital format (CD) is being retained in our files.

If the Public Water Supply Section can be of further service, please call (919) 707-9100.

Sincerely,

A handwritten signature in black ink, appearing to read "Siraj Chohan", followed by a horizontal line and the word "for" written in a cursive style.

Siraj Chohan, P.E., Plan Review Team Leader
Public Water Supply Section
Division of Water Resources

SMC/LAQ

Enclosures: Approval Documents

cc: Allen Hardy, Raleigh Regional Office
Chatham County Health Department
✓ Mark P. Ashness, P.E., C.E. Group, Inc.



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

January 16, 2015

CHARLIE HORNE, COUNTY MANAGER
CHATHAM COUNTY BOARD OF COMMISSIONERS
P O BOX 1550
PITTSBORO, NC 27312

Re: **Authorization to Construct**
THE LEGACY SUBDIVISION PHASE 4A1
CHATHAM CO-NORTH
CHATHAMCOUNTY, NC0319126

Authorization to Construct (This is not a Final Approval)

Dear Applicant:

This letter is to confirm that a complete Engineer's Report and a Water System Management Plan have been received, and that engineering plans and specifications have been approved by the Department for **THE LEGACY SUBDIVISION PHASE 4A1, Serial No. 14-00917.**

The Authorization to Construct is valid for 24 months from the **Issue Date** (refer to next page). Authorization to Construct may be extended if the Rules Governing Public Water Supplies and site conditions have not changed (see Rule .0305). The Authorization to Construct and the engineering plans and specifications approval letter shall be posted at the primary entrance of the job site before and during construction.

Upon completion of the construction or modification, and prior to **placing the new construction or modification into service**, the applicant must submit an Engineer's Certification and Applicant Certification directly to RICHARD DICKIE, P.E. of this office.

- **Engineer Certification:** in accordance with Rule .0303 (a), the applicant shall submit a certification statement signed and sealed by a registered professional engineer stating that construction was completed in accordance with approved engineering plans and specifications, including any provisions stipulated in the Department's engineering plan and specification approval letter.
- **Applicant Certification:** in accordance with Rule .0303 (c), the applicant shall submit a signed certification statement indicating that the requirements for an Operation and Maintenance Plan and Emergency Management Plan have been satisfied in accordance with Rule .0307 (d) and (e) and that the system has a certified operator in accordance with Rule .1300. The "Applicant Certification" form is available at <http://www.deh.enr.state.nc.us/pws/> (click on Plan Review Forms, under Plan Review heading).

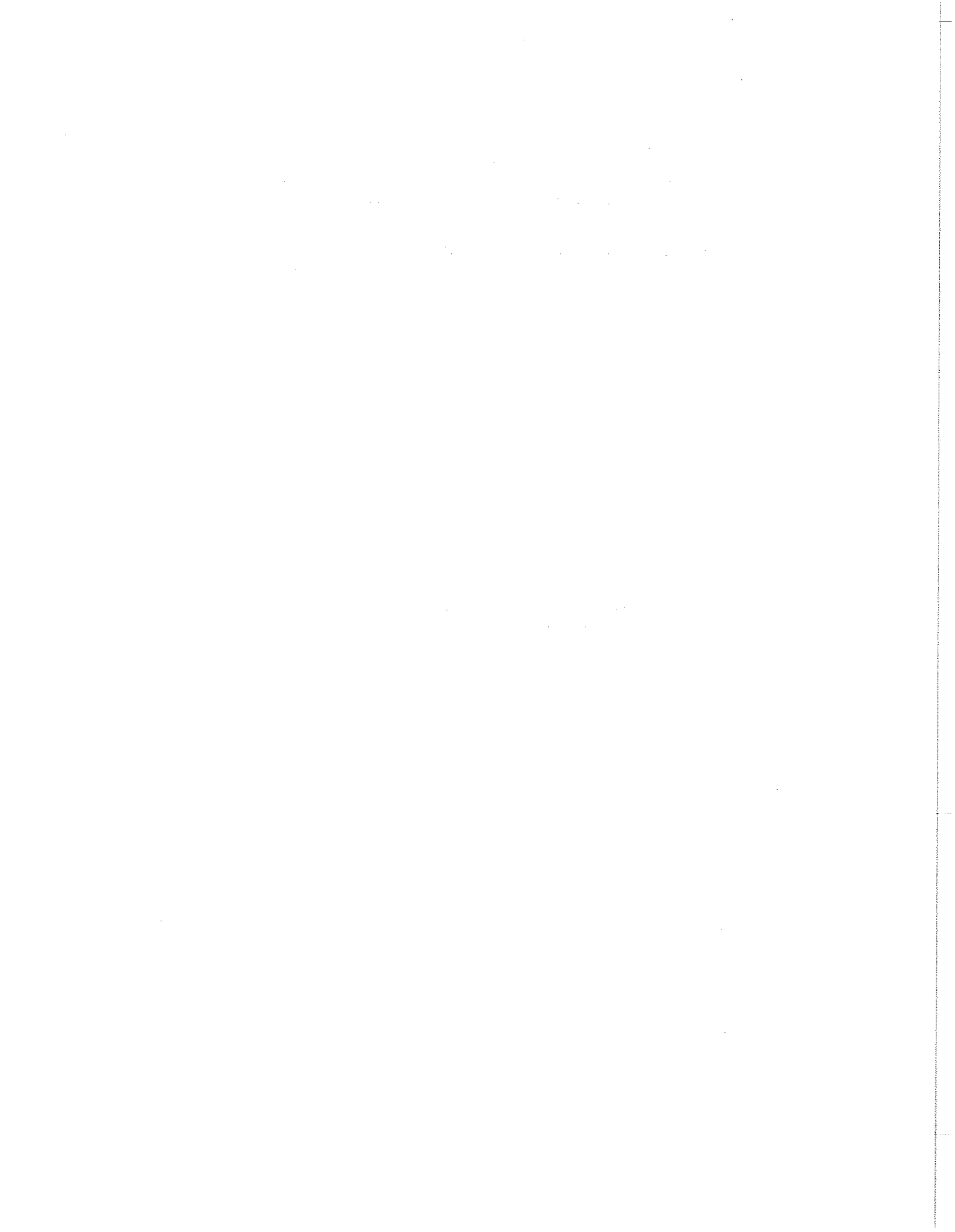
If this Authorization to Construct is for a new public water system, the owner must submit a completed **application for an Operating Permit** and the appropriate fee. For a copy of the application for an Operating Permit please call (919) 707-9085.

Once the certifications and permit application and fee, (if applicable), are received and determined adequate, the Department will issue a Final Approval letter to the applicant. In accordance with Rule .0309 (a), **no portion of this project shall be placed into service until the Department has issued Final Approval.**

Sincerely,

Siraj Chohan, P.E., Plan Review Team Leader
Public Water Supply Section
Division of Water Resources

cc: ALLEN HARDY, Raleigh Regional Office
C E Group Inc



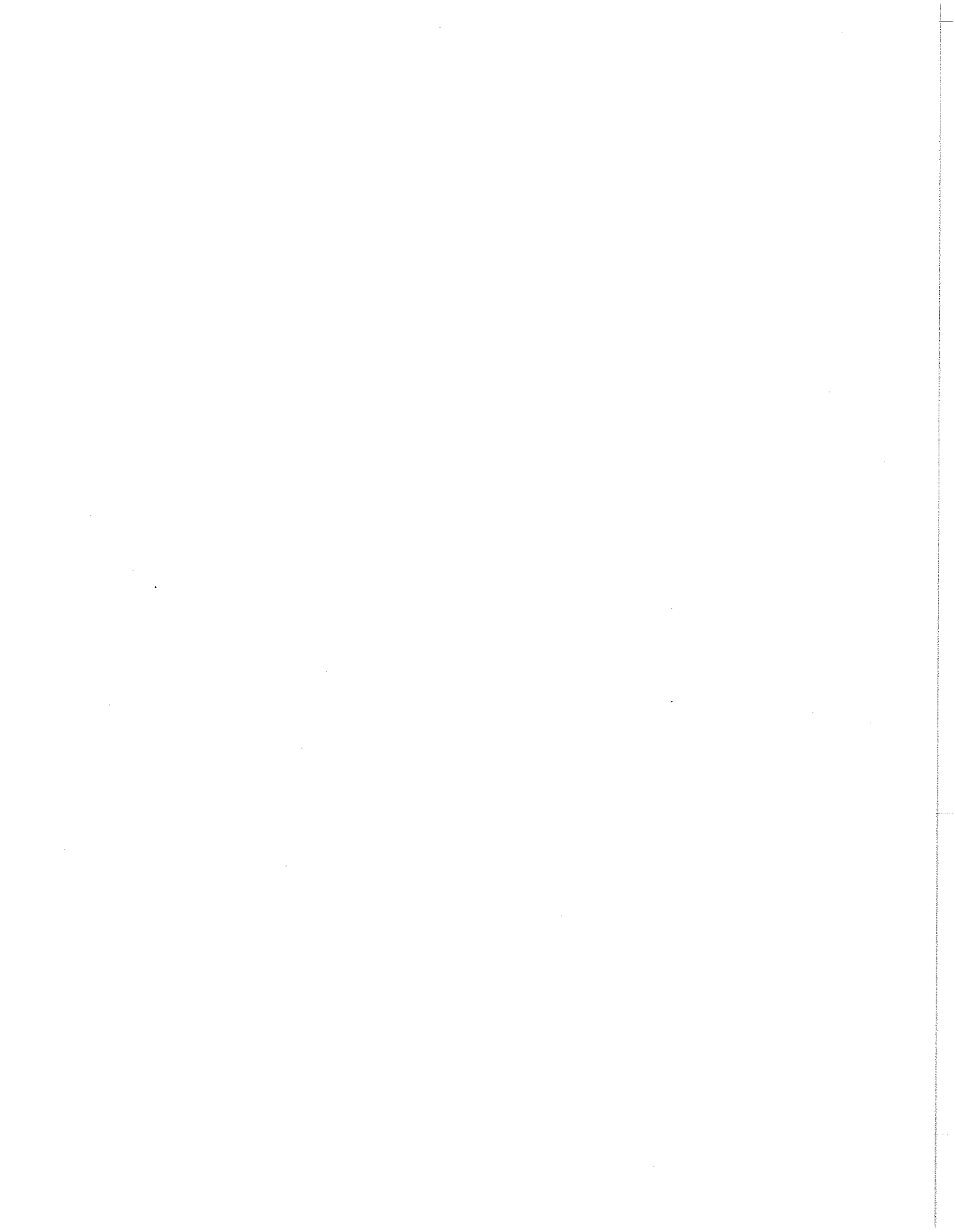


North Carolina Department of Environment and Natural Resources
Division of Water Resources

Public Water System Authorization to Construct

Public Water System Name and Water System No.:	CHATHAM CO-NORTH NC0319126
Project Name:	THE LEGACY SUBDIVISION PHASE 4A1
Serial No.:	14-00917
Issue Date:	01/15/2015
Expiration Date:	24 Months after Issue Date

In accordance with NCAC 18C .0305, this Authorization to Construct must be posted
at the primary entrance to the job site during construction.



Mark Ashness

From: Denise Suits <denise.suits@chathamnc.org>
Sent: Monday, February 02, 2015 3:10 PM
To: Mark Ashness
Subject: RE: The Legacy Phase 4A1 Preliminary Plat Submission

Yes. These are approved. I will forward this to Lesa so she knows what phase they go with.

Thanks,
Denise

From: Mark Ashness [<mailto:mark@cegroupinc.com>]
Sent: Monday, February 02, 2015 2:26 PM
To: Denise Suits
Cc: Fred Ward
Subject: The Legacy Phase 4A1 Preliminary Plat Submission

Denise: We will be adding the following roads with Phase 4A1 at the Legacy. Please confirm.

You have reviewed these previously.

thx

Mark Ashness
P.E, ASLA, LEED AP



CE GROUP

301 Glenwood Avenue, Suite 220
Raleigh, NC 27603
Phone: (919) 367-8790
Cell: (919) 606-7704



US Green Building Council Member

SUBDIVISION: The Legacy Phase 4A1

DIRECTIONS: Phase 4A1 just off traffic circle and Covered Bridge Lane

DEVELOPER: Freehold Communities **PHONE NUMBER:** 919-230-8800

Major Development: **Minor Development:**

Development with acreage of 10 acres or more: Yes

Proposed road names	OK to submit	DUPLICATED Do not Submit
Legacy Club Drive		
Village Walk Drive		
Sweet Briar Lane		

DATE SUBMITTED TO EOC: _____

SUBMITTED BY: _____

EOC OFFICER: _____

DATE ROADS APPROVED: _____

DATE FINAL PLAT RECEIVED: _____

DATE GIVEN TO 911: _____

DATE CONTACT MADE WITH NUMBERS: _____

SURROUNDING COUNTY CONTACTED: _____

PERSON SPOKEN WITH: _____

COMMENTS: _____

revised 4/19/02

