BRADSHAW & ROBINSON, LLP

ATTORNEYS AND COUNSELORS AT LAW

HALL-LONDON HOUSE
128 HILLSBORO STREET
POST OFFICE BOX 607
PITTSBORO, NORTH CAROLINA 27312

PATRICK E. BRADSHAW NICOLAS P. ROBINSON ANDREW T. SLAWTER (919) 542-2400 FAX 542-0496 robinson@bradshawrobinson.com

July 13, 2007

Ms. Lynn Richardson Chatham County Planning Department P. O. Box 54 Pittsboro, North Carolina 27312

VIA HAND DELIVERY

RE: The Parks at Meadowview, Phase 5; Preliminary Plat Application

Dear Lynn:

Enclosed please find the completed application and checklist for the preliminary plat application for The Parks at Meadowview, Phase 5.

We note the following to assist you in your review:

- 1. There is no NCDOT approval (because the roads are private) and there is no DOT commercial driveway permit (because Phase 5 has access through the balance of The Parks at Meadowview Subdivision. You may recall that a commercial driveway permit was submitted with the approval of Phase 1A of The Parks at Meadowview.
- 2. Please also note that the U.S. Army Corps of Engineers' permit application was submitted to the U.S. Army Corps of Engineers on June 5, 2007. Pursuant to Subdivision Ordinance provision 4.4B(5), the failure of the U.S. Army Corps of Engineers to respond within 30 days of this request does not prohibit the subdivision application from proceeding through the County review.
- 3. As you and I discussed, this subdivision is being served with water by Heater Utilities, Inc. As such, we have enclosed the State public water approval. The only County review necessary relates to adequacy for fire control purposes as set forth in the resolution amending the Chatham County water policy (RES. #2006-41, enclosed). The private water system plans were submitted to the Chatham County Water Department on March 14, 2007. Roy Lowder has advised C E Group, Inc. that the plans are satisfactory and has requested that you contact him directly to confirm that.

I will be submitting electronic copies of all of the application materials this afternoon by e-mail. Absolute Land Surveys will be supplying you with twenty-five (25) full size copies of the proposed preliminary plat, along with one 8 ½ x 11 copy as well as a digital version of the plat.

Letter to Ms. Lynn Richardson July 13, 2007 Page Two

All of the subdivision fees with regard to these lots have previously been paid.

If you have any questions regarding the above, please feel free to contact me at the above number.

Very truly yours,

Nicolas P. Robinson

NPR:jbs Enclosures

c:

Robbie Swain Tommy Fonville Joe Faulkner

RESOLUTION AMENDING THE CHATHAM COUNTY WATER POLICY

WHEREAS, a question has arisen concerning the water system requirements for subdivisions in the County that are served by private water systems; and

WHEREAS, certain private water systems operate under the auspices of and are subject to regulation by the North Carolina Utilities Commission; and

WHEREAS, the County is interested to see that said systems have sufficient pressure and fire hydrants as necessary for fire fighting purposes; and

WHEREAS, the County's present Water System Operating Policies provide that all water transmission lines in subdivisions authorized by the County shall be ductile iron "except where the County is restricted from requiring ductile iron due to the County's funding source"; and

WHEREAS, some question has arisen as to whether said policy applies to subdivisions served by private water systems regulated by the North Carolina Utilities Commission; and

WHEREAS, the Board of County Commissioners wishes to clarify the application of said requirement.

NOW THEREFORE, be it resolved by the Board of County Commissioners of Chatham County as follows:

- 1. That all applications for major subdivision approvals shall be reviewed by the County's Water Department prior to preliminary subdivision approval. Plans for any subdivision to be served by a private water system regulated by the North Carolina Utilities Commission, and which is not to be connected to the County's water system will be reviewed by the Water Department only for adequacy for fire control purposes including, but not limited to, review for hydraulic modeling, system pressure, and fire hydrant placement. In such cases the Water Department review shall not include review of valve location or water line materials.
- 2. Except as expressly modified herein, the Chatham County Water System Operating Policies shall remain in full force and effect.
- 3. Nothing contained herein shall be construed to obligate the County to assume responsibility for operating, repairing or replacing any subdivision water system that is not constructed to all applicable standards of the County for subdivisions served by the County water system.
 - 4. This Resolution is effective from and after November 1, 2002.

At a regular meeting of the Board of Commissioner Pittsboro, North Carolina on August 7, 2006, the foregoing Commissioner Barnes, seconded by and adopted by a vote of <u>\openion</u> , for and <u>zero</u>	resolution was introduced by
	Bunkey Morgan, Chairman
ATTEST:	
Sandra B. Sublett, CMC, Clerk to The Board	

CHATHAM COUNTY MAJOR SUBDIVISION REVIEW CHECKLIST

Comment___

Subdivision Name:	The Parks at	Meadowview, Phase 5	
Review For:	[] Sketch	[X]Prelim	[] Final

Attach all supporting documentation regarding these approvals. If approvals are still pending, attach applications for approval.

approval.	
SKETCH DESIGN REVIEW	APPROVAL DATE
[] 25 Copies of Plat with topo along with one (1) 8-1/2 x 11 copy	
[] Application w/Complete Adjacent Owner Addresses	
[] Soil Scientist Report and soil map	
[] Confirmation from Chatham County Historical Association/Jane Pyle/542-3603	
[]1 electronic copy of all items above (see Digital Document Requirements)	
PRELIMINARY PLAT REVIEW	
[X] 25 Copies of Plat along with one (1) 8-1/2 x 11 copy	
[X] Application w/ Complete Adjacent Owner Addresses	
[X] Detailed Soils Map and Letter of explanation or D.E.M. approval	6/28/07
{see Requirements for soil scientist report)	
[] NCDOT Approval (if public roads)	N/A
[] DOT Comm. Driveway Permit	N/A
[X] Erosion Control Plan Approval (if new roads or one acre disturbed)	5/24/07
[X] U.S. Army Corps of Engineers Permit (if appl) ACOE Application submitted 6/5/07. DWQ 401 Permit Modification issued 6/8/07.	6/8/07
[X] Road Name Request Form	8/7/06
[X] County Public Water Approval (if applicable) See letter submitted herewith	
[X] State Public Water Approval (if applicable)	4/11/07
[X] Chatham Co. Schools' Road Comments (if new roads)	7/12/07
[X] Stormwater Management Plan Approval (if appl)	4/27/05
[] Economic & Environmental Impact Study (if appl)	N/A
[] Water / Sewer Impact Statement (if appl)	N/A
{ X } 1 electronic copy of all items above (see Digital Document Requirements)	
FINAL PLAT REVIEW	
[] 25 Copies of Plat	
[] Application	
{ } 1 electronic copy of all items above (see Digital Document Requirements)	
[] Chatham County Environmental Health Division septic improvement permits or NCDWQ septic permits for each lot.	
[] Road Completion Certificate or Financial Guarantee	
[] Utilities Completion Cert. or Financial Guarantee	
Commont	

Date Complete Application Rec'd:	 	By:

Chatham County Planning Departmen	t	Type of Review	
P.O. Box 54		[] Sketch	
Pittsboro, NC 27312		[X] Preliminary	
Tel: (919) 542-8204		[] Final	
Fax: (919) 542-2698		-	
MAJOR SUBDIVISION APPLICA	ATION		
Name of Subdivision: The Parks at M	· · · · · · · · · · · · · · · · · · ·		
Subdivision Applicant:	Subdivision Owner:		
Name: Bynum Ridge, LLC *			
	Roanoke Invest		
Address: Post Office Box 5689	Address: 1000 St. Alba		
Cary, NC 27511 Phone:(W)(919) 469-8674	<u>Raleigh, NC</u> Phone:(W) <u>(919) 785-</u> 4	<u>-</u>	
Phone:(H) Fax (919) 469	-4778 Phone:(H)	Fax <u>(919) 785-4401</u>	
E-Mail	E-Mail		
E-Mail	ne P. I. N. # <u>9733-73-12</u>	207	
Flood Map #3710972200J Zone: A	<u>E & X</u> Parcel # <u>5985</u>		
Watershed: <u>WS IV PA</u>	Existing Access R		
	S.R. road name Ol	<u>a Granam Ru.</u>	
Total Acreage: Approx. 948.38	Total # of Lots:739	Min. Lot Size: <u>+/- 1/3 ac.</u>	
Ph. 5 Acreage: 155.37 ac.	Ph. IB# of lots 155 Lots	Max. Lot Size: <u>+/- 1.3 ac.</u>	
Ph. II Acreage.	Ph. II # of lots	Avg. Lot Size: <u>+/5 ac.</u>	
Ph. III Acreage	Ph. III # of lots		
Name and date of contact with Chatham County Historical Association: April 7, 2006			
Type of new road: [X] Private/ Length	Approx. 8,902.64 l.f [] Public/ L	ength	
Road Surface:	Water System:	Sewer System:	
[X] paved	[] individual wells	[] septic systems	
[] gravel	[] community wells	[] community system	
	[X] public system	[X] public system	
	name <u>HeaterUtilities</u> , Inc.	name <u>Heater Utilities</u> , <u>Inc.</u>	

List other facilities: commercial, recreation, etc., and the approximate acreage or square footage:

^{*} As to Phase 5, Bynum Ridge, LLC is assignee of The Parks at Meadowview, LLC

BYNOW RIDGE, LLC			
BY:	Date		
CHATHAM PARTNERS LLC BY: Signature of Owner	Date 2//3/07		
ROANOKE INVESTMENTS LL	С		
BY:	Date		
For Office Use Only:			
	Approved by County Commissioners:	Sketch Preliminary Final	
Bernstone Data	Amount: \$		

BYNUM RIDGE LLC BY: Date	
CHATHAM PARTNERS LLC BY:Date	
ROANOKE INVESTIMENTS LLC BY: Date	
For Office Use Only: Notes:	
Approved by County Commis	ssioners: Sketch Preliminary Final

ADJOINING LANDOWNERS

- Zebedee Pearce, Jr.
 Grace M. Pearce
 3887 Old Graham Road
 Pittsboro, NC 27312
 Parcel No. 6585 and 74063
- Lynn C. Lamb
 3833 Old Graham Road
 Pittsboro, NC 27312
 Parcel No. 77060
- 3. Martin M. Root Constance L. Root 189 Olde Farm Road Pittsboro, NC 27312 Parcel No. 71367
- 4. Randy E. Dye
 Phyllis E. Dye
 173 Olde Farm Road
 Pittsboro, NC 27312
 Parcel No. 71368
- Deborah Salmon
 133 Olde Farm Road
 Pittsboro, NC 27312
 Parcel No. 71369
- 6. Raymond C. Bode Xenia A. Bode 115 Olde Farm Road Pittsboro, NC 27312 Parcel No. 71370
- 7. Frederick Anthony Pica 109 Olde Farm Road Pittsboro, NC 27312 Parcel No. 71371
- 8. Frederick Joseph Pica Kimberly G. Pica 103 Olde Farm Road Pittsboro, NC 27312 Parcel No. 71377

- 9. Richard B. Quinlan
 Barbara L. Quinlan
 114 Holly Glen Road
 Pittsboro, NC 27312
 Parcel No. 69156
- 10. William E. Van Laeke Patricia G. Van Laeke 270 Holly Glenn Road Pittsboro, NC 27312 Parcel No. 69136
- 11. Ronald Stevens Gravely 462 Holly Glen Road Pittsboro, NC 27312 Parcel No. 6581
- 12. Charles A. Beyer
 Cheryl L. Beyer
 620 Holly Glen Road
 Pittsboro, NC 27312
 Parcel No. 69157
- Bernard F. Keppler
 Janet L. Keppler
 140 Rockaway Road
 Lebanon, NJ 08833-4408
 Parcel No. 68780
- John D. LambethStephen B. Lambeth, et al.1301 Sandpiper CourtRaleigh, NC 27615Parcel No. 61864
- 15. Elizabeth Lee Alston198 Major Lee RoadPittsboro, NC 27312Parcel No. 5909
- 16. The Parks at Meadowview, LLC 400 S. Tryon Street, Suite 1300 Charlotte, NC 28285-0107 Parcel No. 85043





William G. Ross Jr., Secretary North Carolina Department of Environment and Natural Resources

> Coleen H. Sullins, Director Division of Water Quality

June 28, 2007.

Michael Harwood, Engineering and Compliance Manager Heater Utilities, Inc. 202 MacKenan Court Cary, NC 27511

Subject: Permit No. WQ0030622 modification
The Parks at Meadowview Phase 5
Pressure Sewer Extension
Chatham County

Dear Mr. Harwood:

In accordance with your permit application received March 14, 2007, and subsequent additional information received on June 12, 2007, and on June 22, 2007, we are forwarding herewith Permit No. WQ0030622 modification dated June 28, 2007, to Heater Utilities, Inc. for the construction and continued operation of the subject wastewater collection extension. This permit shall be effective from the date of issuance until rescinded, shall void Permit No. WQ0030622 issued May 25, 2007, and shall be subject to the conditions and limitations as specified therein.

Please pay particular attention to Permit Condition 3, which requires that the wastewater collection facilities be properly operated and maintained in accordance with 15A NCAC 2T .0400 or any individual system-wide collection system permit issued to the Permittee, and permit Condition 14 that requires that an Authorization to Construct be obtained for the expansion of the receiving WWTF before the existing build out flow capacity is exceeded, and that no further tributary flow can be made until an Engineering certification is acquired stating the full completion of the receiving WWTF expansion.

Permitting of this project does not constitute an acceptance of any part of the project that does not meet 15A NCAC 2T .0300; the Division of Water Quality's (Division) Gravity Sewer Minimum Design Criteria adopted February 12, 1996 as applicable; and the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Stations and Force Mains adopted June 1, 2000 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. If shall be the Permittee's responsibility 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.



Mr. Michael Harwood June 28, 2007 Page 2

One set of approved plans and specifications is being forwarded to you. If you need additional information concerning this matter, please contact Adrian Eaton at (919) 733-5083 extension 580.

Sincerely

Coleen H Sullins, Director

cc: Chatham County Health Department Raleigh Regional Office, Water Quality Section (Permit WQ0022870) Mike Zaccardo, P.E., CE Group, Inc., 11000 Regency Parkway, Suite 410, Cary, NC, 27511 Water Quality Central Files PERCS Files

NORTH CAROLINA

ENVIRONMENTAL MANAGEMENT COMMISSION

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

RALEIGH

WASTEWATER COLLECTION 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

Heater Utilities, Inc. Chatham County

FOR THE

construction and continued operation of a pressure sewer collection system consisting of 155 simplex pump stations (71 – 2.4 HP, 68 - 3.5 HP, and 16 – 6.2 HP), on-site audible and visual high water alarms and approximately 4148 linear feet of 2-inch pressure sewer, 3451 linear feet of 3-inch pressure sewer, 1230 linear feet of 4-inch pressure sewer, 2200 linear feet of 6-inch pressure sewer to serve The Parks at Meadowview Phase 5, and the discharge of 38,750 GPD of collected wastewater into the Buck Mountain Reclaimed WWTF's (WQ0022870) existing sewerage system, pursuant to the application received March 14, 2007, and subsequent additional information received by the Division on June 12, 2007, and on June 22, 2007, and in conformity with the project plans, specifications, and other supporting data subsequently filed and approved by the Department of Environment and Natural Resources and considered a part of this permit.

Permit Modification History

construction and continued operation of a pressure sewer collection system consisting of 182 – 2.4 HP simplex pump stations, on-site audible and visual high water alarms and approximately 4754 linear feet of 2-inch pressure sewer, 5032 linear feet of 3-inch pressure sewer, 690 linear feet of 4-inch pressure sewer, 2577 linear feet of 6-inch pressure sewer, 660 linear feet of 8-inch pressure sewer, 2079 linear feet of 10-inch pressure sewer The Parks at Meadowview Phase 2, and the discharge of 45,500 GPD of collected wastewater into the Buck Mountain Reclaimed WWTF's (WQ0022870) existing sewerage system, pursuant to the application received February 6, 2007, and subsequent additional information received by the Division on March 29, 2007 and on May 21, 2007, and in conformity with the project plans, specifications, and other supporting data subsequently filed and approved by the Department of Environment and Natural Resources and considered a part of this permit.

construction and continued operation of a pressure sewer collection system consisting of 72 – 2.4 HP pump stations with simplex pumps; on-site audible and visual high water alarms and approximately 2,093 linear feet of 2-inch pressure sewer, 1,079 linear feet of 3-inch pressure sewer, 565 linear feet of 4-inch pressure sewer, 1,109 linear feet of 6-inch pressure sewer, 1,991 linear feet of 10-inch pressure sewer

The PARKS at Meadowview Subdivision, Phase 1B, and the discharge of 18,000 GPD of collected wastewater into the Buck Mountain Reclaimed WWTF's existing sewerage system, pursuant to the application received July 27, 2006, and subsequent additional information received by the Division, and in conformity with the project plans, specifications, and other supporting data subsequently filed and approved by the Department of Environment and Natural Resources and considered a part of this permit.

construction and continued operation of a pressure sewer collection system consisting of 99 –2.4 HP pump stations with centrifugal pumps, on-site audible and visual high water alarms and approximately 3,000 linear feet of 2-inch pressure sewer, 749 linear feet of 3-inch pressure sewer, 1,225 linear feet of 4-inch pressure sewer, 205 linear feet of 6-inch pressure sewer, 317 linear feet of 8-inch pressure sewer, 2,128 linear feet of 10-inch pressure sewer and a 561 GPM pump station with duplex pumps and on-site audible and visual high water alarms and approximately 5,440 linear feet of 8-inch force main to serve The PARKS at Meadowview Subdivision, Phase 1B, and the discharge of 24,750 GPD of collected wastewater into the Buck Mountain Reclaimed WWTF's existing sewerage system, pursuant to the application received July 27, 2006, and subsequent additional information received by the Division, and in conformity with the project plans, specifications, 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 modification shall be effective from the date of issuance until rescinded, shall void Permit No. WQ0030622 issued May 25, 2007, and shall be subject to the following specified conditions and limitations:

- 1. This permit shall become revocable unless the wastewater collection facilities are constructed in accordance with the conditions of this permit; 15A NCAC 2H .0300; the Division of Water Quality's (Division) Gravity Sewer Minimum Design Criteria adopted February 12, 1996 as applicable; the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Stations and Force Mains adopted June 1, 2000 as applicable; and other supporting materials unless specifically mentioned herein.
- 2. This permit is effective only with respect to the nature and volume of wastes described in the application and other supporting data.
- 3. 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 .0400. If an individual permit is not required, the following performance criteria shall be met as provided in 15A NCAC 2T .0400:
 - a. The sewer system shall be effectively maintained and operated at all times to prevent discharge to land or surface waters, and any contravention of the groundwater standards in 15A NCAC 2L .0200 or the surface water standards in 15A NCAC 2B .0200.
 - 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 shall be developed and implemented.
 - d. Pump stations that are not connected to a telemetry system (i.e. remote alarm 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. This requirement does not apply to pump stations serving a single building associated with a properly permitted pressure sewer system.
 - e. High-priority sewer lines shall be inspected by the permittee or its representative at least once every six-months and inspections documented.

- f. A general observation by the permittee or its representative 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 NGAC 2B .0506(a), and public notice shall be provided as required by North Carolina General Statute § 143-215.1C.
- n. A Grease Control Program shall be in place as follows.
 - For publicly 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 for new construction and retrofit, if necessary, of grease interceptors at existing establishments. The plan shall also include the legal means for inspection 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 lease biannual distribution of educational 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. Rights-of-ways and easements shall be maintained in the full easement width for personnel and equipment accessibility.
- Documentation shall be kept for Subparagraphs 3(a) through 3(i) of this section for a minimum of three years with the exception of the map, which shall be maintained for the life of the system.
- The sewage and wastewater collected by this system shall be treated in the Buck Mountain Reclaimed WWTF Wastewater Treatment Facility (Non-Discharge Permit No. WQ0022870) prior to being land applied by spray irrigation.
- 6. This permit is not transferable. In the event there is a desire for the facilities to change ownership, or there is a name change of the Permittee, a formal permit request must be submitted to the Division of Water Quality (Division) accompanied by documentation from the parties involved and other supporting materials as may be appropriate. The approval of this request will be considered on its merits and may or may not be approved.
- 7. Construction of the sewers, pump station(s) and force main 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.
- 8. Per 15A NCAC 2T .0116, upon completion of construction and <u>prior to operation</u> 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.
- 9. A copy of the approved plans and specifications shall be maintained on file by the Permittee for the life of the wastewater collection facilities.

- 10. Failure to abide by the conditions and limitations contained in this permit; 15A NCAC 2T .0200; the Division's Gravity Sewer Design Criteria adopted February 12, 1996 as applicable; the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Station and Force Mains adopted June 1, 2000 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.
- 1.1. The issuance of this permit does not exempt the Permittee from complying with any and all statutes, rules, regulations, or ordinances that may be imposed by other government agencies (i.e., local, state, and federal) having jurisdiction, including but not limited to applicable river buffer rules in 15A NCAC 2B .0200, soil erosion and sedimentation control requirements in 15A NCAC Chapter 4 and under the Division's General Permit NCG010000, and any requirements pertaining to wetlands under 15A NCAC 2B .0200 and 15A NCAC 2H .0500.
- 12. The Permittee shall provide the following items for the pressure sewer system:
 - Pump on/off elevations located so that 2-8 pumping cycles may be achieved per hour in any centralized pump station serving more than one building.
 - At least 24 hours of storage capacity above the pump-on activation level for any simplex pump station serving a single family residence.
 - An air relief valve located at all high points along the force main.
 - A screened vent for the wet well.
 - Fillets located in the wet well(s) at the intersection of the flooring and side walls.
 - Three feet of cover (minimum) over the force main or the use of ferrous material where three feet cannot be maintained.
 - Sufficient devices which will protect the pump station from vandals.
 - Flood protection if the pump station is located below the 100-year flood elevation.
 - Adherence with the following minimum separations:
 - Storm sewers (vertical) 12 inches
 - Water mains (vertical-water over sewer) 18 inches or (horizontal) 10 feet
 - In benched trenches (vertical) 18 inches (iii)
 - Any private or public water supply source, including any WS-I waters or Class I or Class II impounded reservoirs used as a source of drinking water 100 feet
 - Waters classified WS (other than WS-I); B, SA, ORW, HQW, or SB [from normal high water (or tide elevation)] 50 feet
 - Any other stream, lake or impoundment 10 feet (vi)
 - Any building foundation 5 feet (vii)
 - Any basement 10 feet (viii)
 - Top slope of embankment or cuts of 2 feet or more vertical height 10 feet
 - Drainage systems
 - Interceptor drains 5 feet
 - Ground water lowering and surface drainage ditches 10 feet
 - Any swimming pool 10 feet
 - Ferrous sewer pipe with joints equivalent to water main standards, shall be used where these minimum separations cannot be maintained. The minimum separation shall however not be less than 25 feet from a private well or 50 feet from a public water supply
- 13. In the event that the facilities fail to perform satisfactorily, including the creation of nuisance conditions, the Permittee shall take immediate corrective action, including those that may be required by this Division, such as the construction of additional or replacement wastewater collection facilities.

14. The Permittee shall obtain an Authorization to Construct for the expansion of the receiving WWTF before the existing build out flow capacity is exceeded, and that in this situation, no further tributary flow can be made. The Authorization to Construct will have a build out schedule, and no tributary flow can happen until an Engineering Certification is obtained certifying that the construction expansion is complete and in compliance.

15. Noncompliance Notification:

The Permittee shall verbally report to a water quality staff member at the Raleigh Regional Office, telephone number (919) 791-4200, as soon as possible, but in no case more than 24 hours or on the next working day 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 render the facility incapable of adequate wastewater transport such as mechanical or electrical failures of pumps, line blockage or breakage, etc.
- Any failure of a pumping station or sewer line resulting in a by-pass directly to receiving waters without treatment of all or any portion of the influent to such station or facility.

Voice mail messages or faxed information is permissible but this shall <u>not</u> be considered as the initial <u>verbal</u> 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 Part I of Form CS-SSO (or the most current Division approved form), within five days following first knowledge of the occurrence. This report shall outline the actions taken or proposed to ensure that the problem does not recur. Per Condition I(2), 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.

- 16. The Permittee shall maintain on hand for immediate installation a supply of spare, fully operational pump units of each type used in the pressure sewer system. The number of pumps on hand shall not be less than 10 percent of the number of installed units or one unit, whichever is greater.
- 17. Each pump station shall be clearly and conspicuously posted with the telephone number of the owner/operator of the pressure sewer system and instructions to call the number in the event of high water alarm activation.
- 18. This permit shall become revocable unless the agreement between Heater Utilities and the Buck Mountains Reclaimed WWTF (WQ0022870) for the collection and final treatment of wastewater is in full force and effect.

Permit issued this the 28th of June 2007

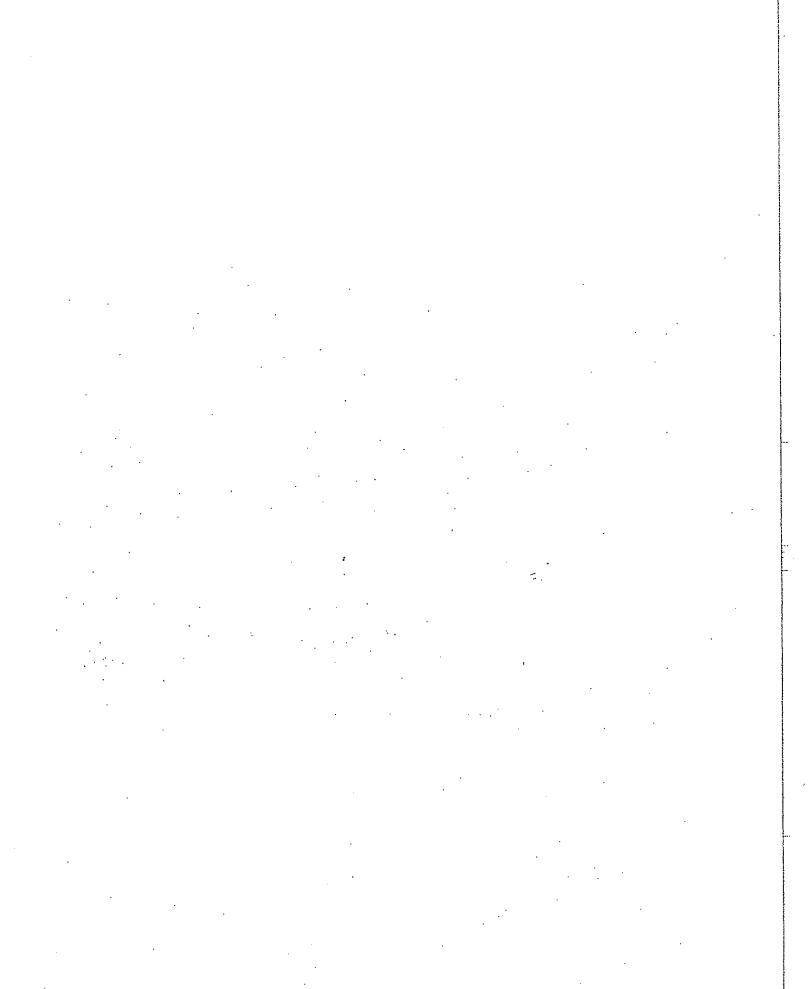
NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

Coleen H. Sullins, Director

Division of Water Quality

By Authority of the Environmental Management Commission

Permit Number WQ0030622 (modification)



Permit No. WQ0030622 modification June 28, 2007

System Description:

construction and continued operation of a pressure sewer collection system consisting of 155 simplex pump stations. [7.1 ± 2.4 HF, 68 ± 3.5 HF, and 16 - 6.2 HF), on-site audible and visual high water alarms and approximately 41.48 linear feet of 2-inch pressure sewer, 3451 linear feet of 3-inch pressure sewer, 1230 linear feet of 4-inch pressure sewer, 2200 linear feet of 6-inch pressure sewer to serve The Parks at Meadowview Phase 5, and the discharge of 38,750 GPD of collected wastewater into the Buck Mountain Reclaimed WWTF's (WQ0022870).

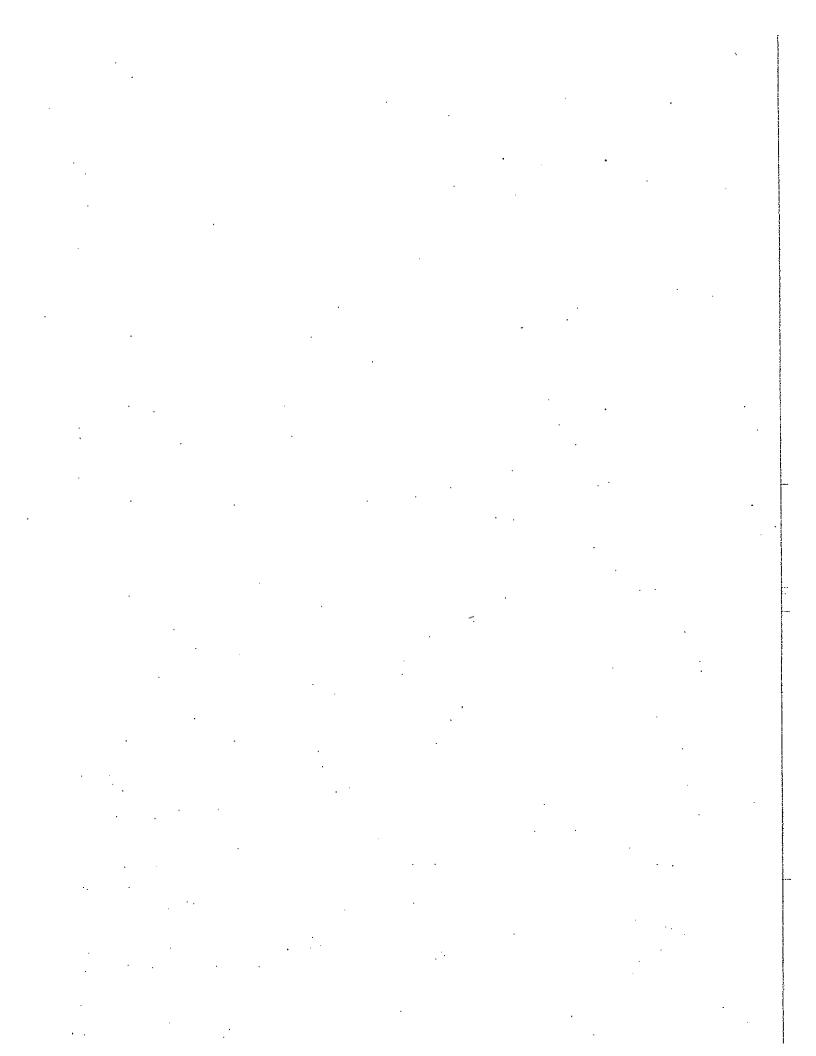
Complete and submit this form to the permit issuing office as indicated below with the following:

- One copy of the project record drawings (plan & profile views of sewer lines) of the wastewater collection system extension
- Changes to the project should be clearly identified on the record drawings or in written summary
 form. <u>Permit modifications are required for any changes resulting in non-compliance with this permit,
 regulations or minimum design criteria.</u>

This project shall not be considered complete nor allowed to operate until this Engineer's Certification and all required supporting documentation have been received by the Division. Therefore, it is highly recommended that this certification be sent in a manner that provides proof of receipt by the Division.

ENGINEER'S CERTIFICATION
Partial Final
f,, , as a duly registered Professional Engineer in the State of North Carolina,
having been authorized to observe (\Box periodically, \Box weekly, \Box full time) the construction of the
subject project for the 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 2T .0300; the Division of Water Quality's (Division)
Gravity Sewer Minimum Design Criteria adopted February 12, 1996 as applicable; the Division's Minimum
Design Criteria for the Fast-Track Permitting of Pump Stations and Force Mains adopted June 1, 2000 as
applicable; and other supporting materials.
North Carolina Professional Engineer's seal, signature, and date:
SEND THIS FORM & SUPPORTING DOCUMENTATION WITH REQUIRED ATTACHMENTS TO THE FOLLOWING ADDRESS JEFF POUPART, UNIT SUPERVISOR PRETREATMENT, EMERGENCY RESPONSE & COLLECTION SYSTEMS UNIT 1617 MAIL SERVICE CENTER RALEIGH NC 27699-1617

The Permittee is responsible for tracking all partial certifications up until a final certification is received. 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.





CHATHAM COUNTY PUBLIC HEALTH DEPARTMENT Division of Environmental Health Soil Erosion and Sedimentation Control

May 24, 2007 -

LETTER OF APPROVAL

Chatham Partners, LLC & Roanoke Investments, LLC

Attn: Thomas L Fonville, member 1000 St Albans Drive, Suite 400

Raleigh, NC 27609

RE: Project Name: The Parks at Meadowview-Phase 5

Project Number: 2007-022 Acres approved: 25.5 Total Acres: 155.37 Submitted By: CE Group

Date Received: 5-15-07

Dear Sir or Madam:

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 6 (I) 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 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

Jim Willis, CPESC

Chatham County Soil Erosion Control Officer

Enclosures: Certificate of Approval

NPDES Permit



Chatham County, North Carolina Certificate of Sedimentation and Erosion Control Plan Approval and Land-Disturbing Permit

For

THE PARKS @ MEADOWVIEW - PHASE 5

Project Name and Location

2007-022 Permit Number

The posting of this certificate certifies that an erosion and sedimentation control plan has been approved for this project by Chatham County, North Carolina in accordance with North Carolina General Statute 113A-57 (4) and 113A-54 (d)(4), the North Carolina Administrative Code, Title 15A, Chapter 4B.0007 (c) and as per applicable sections of the Chatham County Soil Erosion and Sedimentation Control Ordinance. This certificate must be posted at the primary entrance of the job site before construction begins and until establishment of permanent ground cover as required by North Carolina Administrative Code, Title 15A, Chapter 4B.0027 (b) and as per Chatham County's Erosion and Sediment Control Ordinance, Section 5 (d).

Responsible Person: THEMAS L. FOHHULLE Phone: 919-781-7067

This plan was approved with "modifications" \(\subseteq Yes \) \(\subseteq No. \) and / or "performance reservations" \(\subseteq Yes \) \(\subseteq No. \)

Reviewer:

Date: <u>5-24-07</u>

THE ORDINANCE REQUIRES THAT A COPY OF THE EROSION CONTROL PLAN MUST BE KEPT AVAILABLE AT THE JOB SITE AT ALL TIMES FOR INSPECTION



Soil & Environmental Consultants, PA

11010 Raven Ridge Road • Raleigh, North Carolina 27614 • Phone: (919) 846-5900 • Fax: (919) 846-9467 www.SandEC.com

N.C. Division of Water Quality

2321 Crabtree Boulevard, Suite 250

Express Permits Unit

Raleigh, NC 27604-2260

Attn: Lia Myott

June 5, 2007 S&EC Project # 8682.W4

To:

US Army Corps of Engineers Raleigh Regulatory Field Office

Attn: Monte Matthews

6508 Falls of the Neuse Road, Suite 120

Raleigh, NC 27614

From:

Nicole Thomson

Soil & Environmental Consultants, P.A.

11010 Raven Ridge Road Raleigh, NC 27614

Re:

The Parks at Meadowview - Harris Tract Addition, Chatham County, NC

On behalf of the owner, Chatham Partners, LLC, please find attached a complete application and supplemental information requesting written concurrence from the U.S. Army Corps of Engineers (USACE) and the N.C. Division of Water Quality (DWQ) that the activities proposed below may precede under Nationwide Permits 12 and 29 and General Water Quality Certifications 3625 and 3631. Please contact me at (919) 846-5900 if you have any questions or require additional information.

PROJECT SUMMARY

Project Name	The Parks at Meadowview - Harris Tract Addition
Project Type	Residential Subdivision and Utilities
Owner / Applicant	Chatham Partners, LLC
County	Chatham
Nearest Town	Pittsboro
Waterbody Name	Brooks Creek and UT's to Brooks Creek
Basin / Sub-basin	03-06-04
Index Number	16-36
Class	B;NSW;WS-IV
USGS Cataloging Unit	03030002

IMPACT SUMMARY

Stream Impact (acres):	0.022(NWP12)
Wetland Impact (acres):	0.13 (NWP 29)/0.04 (NWP 12)
Open Water Impact (acres):	0
Total Impact to Waters of the U.S. (acres)	0.013 (NWP29) / 0.062 (NWP12)
Total Stream Impact (linear feet):	77 Temp. (NWP 12)

*Of the 0.17 acres of wetland impact, only 0.10 is permanent

Attachments:

Pre-construction Notification (PCN) Application Form
Completed PCN Addendum (DWQ Only)
Agent Authorization Forms
USGS Topographic Map
NRCS Soil Survey Map
Express Review Acceptance Letter (DWQ Only)
EEP Acceptance Letter
Overall Existing Conditions Aerial (24X36 for DWQ Only)
Overall Existing Conditions Aerial (11X17 for USACE Only)
Overall Existing Conditions with Contours (24X36 for DWQ Only)
Overall Existing Conditions with Contours (11X17 for USACE Only)

Overall Proposed Site Plan (24X36 for DWQ Only) \$2000.00

Overall Proposed Site Plan (11X17 for USACE Only)
Overall Proposed Stormwater Management/Drainage
Plans (24X36 for DWQ Only)
Overall Proposed Stormwater Management/Drainage
Plans (11X17 for USACE Only)
Stream and Wetland Impact Maps (11X17)
Previous USACE 404 Approval
Previous NCDWQ 401 Approval
EEP Mitigation Receipt
Impervious Calculations Worksheet
Geotechnical Report
Application Fee to DWQ

Charlotte Office: 236 LePhillip Court, Suite C Concord, NC 28025 Phone: (704) 720-9405 Fax: (704) 720-9406 Greensboro Office: 3817-E Lawndale Drive Greensboro, NC 27455 Phone: (336) 540-8234 Fax: (336) 540-8235

EXPRESS REVIEW

(919) 733-1786

SUBJECT TO "TERMS AND CONDITIONS OF CONTRAC!"

DELIVERY TIME

PHONE #

DELIVERY DATE

Ecopies/Client Cheak

RECEIVED IN GOOD ORDER

(919) 846-5900

PHONE#

SIGNATURE X



Michael F. Easley, Governor

William G. Ross Jr., Secretary North Carolina Department of Environment and Natural Resources

> Coleen H. Sullins, Director Division of Water Quality

	EXPRESS PER	RMIT RE	VIEW PROGRAM	
	Department of Envi	ronmenta	er Quality I and Natural Resources view Permitting Unit	
	Street Address:		ree Boulevard, Suite 250 C 27604-2260	
	Mailing Address:		Service Center C 27699-1650	
	Contact Information:	Phone #: Fax #:	919-733-0203 919-733-6893	
Fax To:	Nicole J. Thomson, S&EC Thomas Fonville	F	ax #: 846-9467 785-4401	
Subject:	Parks at Meadowview – Harri	s Tract D	ate: June 8, 2007	,
Number	of pages including cover shee	et: <u>5</u>		,
Notes or	special instructions:			
The origina	d will be sent in the mail. If you hav	e questions.	olcase contact Lia Myott at	
<u>919-733-95</u>	502.			
				NorthCarollina Naturally



Michael F. Easley, Governor

William G. Ross Jr., Scoretary North Carolina Department of Environment and Natural Resources Coleen H. Sullins, Director Division of Water Quality

June 8, 2007

DWQ Project # EXP 06-0616v2 Chatham County

Chatham Partners, LLC Attn: Mr. Thomas L. Fonville 1000 St. Albans Drive, Suite 400 Raleigh, NC 27609

Subject Property: The Parks at Meadowview-Harris Tract Addition (Permit Modification)
Brook's Creek and UT's to Brook's Creek [030604, 16-36, WS-IV; B; NSWI

MODIFICATION to Approval of 401 Water Quality Certification with Additional Conditions - EXPRESS REVIEW PROGRAM

Dear Mr. Fonville:

On May 23, 2006, you received approval to place fill within or otherwise impact 489 linear feet of percunial stream (250 linear feet permanent impacts, 239 linear feet temporary impacts) to construct the proposed residential subdivision, as described within your revised application dated May 15, 2006, and received by the N.C. Division of Water Quality (DWQ) on May 15, 2006. On June 5, 2007, a modification was requested to include additional impacts resulting from the addition of the Harris Tract to the Parks at Meadowview. You have our approval, in accordance with the attached conditions and those listed below, to place fill within or otherwise impact an additional 77 linear feet of perennial stream (temporary impacts) and 0.17 acres of wetland (0.10 permanent impact and 0.07 temporary impact). After reviewing your application, we have decided that the impacts are covered by General Water Quality Certification Number(s) 3625 and 3631 (GC3625 and GC3631). Certification(s) allows you to use Nationwide Permit(s) NW12 and NW29, respectively, when issued by the US Army Corps of Engineers (USACE). In addition, you should obtain or otherwise comply with any other required federal, state or local permits before you go ahead with your project including (but not limited to) Erosion and Sediment Control, Non-discharge, and other regulations. Also, this approval to proceed with your proposed impacts or to conduct impacts to waters as depicted in your application shall expire upon expiration of the 404 Permit.

This approval is for the purpose and design that you described in your request (PCN dated June 5, 2007). If you change your project, you must notify us and you may be required to send us a new application. If the property is sold, the new owner must be given a copy of this Certification and approval letter and is thereby responsible for complying with all conditions. If total fills for this project (now or in the future) exceed one acre of wetland or 150 linear feet of stream, additional compensatory mitigation may be required as described in 15A NCAC 2H .0506 (h). This written approval requires you to follow the conditions listed in the attached Water Quality Certifications (GC3625 and GC3631) and the additional conditions listed below.



Chatham Partners, LLC Page 2 of 4 June 8, 2007

The Additional Conditions of the Certification are:

1. Impacts Approved

The following impacts are hereby approved as long as all of the other specific and general conditions of this Certification are met. No other impacts are approved including incidental impacts:

Impact Type	Amount Approved (Units)	Plan Location or Reference
Stream (percnnial)		May 15, 2006 PCN page 5 and June 5, 2007 PCN page 5
Wetland (temporary)	0.07 (acres)	June 5, 2007 PCN page 4
Wetland (permanent)	0.10 (acres)	June 5, 2007 PCN page 4

2. No Waste, Spoil, Solids, or Fill of Any Kind

No waste, spoil, solids, or fill of any kind shall occur in wetlands, waters, or riparian areas beyond the footprint of the impacts depicted in the Pre-Construction Notification and authorized by this approval letter. All construction activities, including the design, installation, operation, and maintenance of sediment and erosion control Best Management Practices, shall be performed so that no violations of state water quality standards, statutes, or rules occur.

- 3. Erosion and sediment control practices must be in full compliance with all specifications governing the proper design, installation and operation and maintenance of such Best Management Practices in order to protect surface waters standards:
 - a. The design, installation, operation, and maintenance of the sediment and crosion control measures must be such that they equal, or exceed, the requirements specified in the most recent version of the North Carolina Sediment and Erosion Control Manual. The devices shall be maintained on all construction sites, borrow sites, and waste pile (spoil) projects, including contractor-owned or leased borrow pits associated with the project.
 - b. Sufficient materials required for stabilization and/or repair of crosion control measures and stormwater routing and treatment shall be on site at all times.

4. Sediment and Erosion Control Measures

Sediment and erosion control measures shall not be placed in wetlands or waters without prior written approval by DWQ. If placement of sediment and erosion control devices in wetlands and waters is unavoidable, then design and placement of temporary erosion control measures shall not be conducted in a manner that may result in dis-equilibrium of wetlands or stream beds or banks, adjacent to or upstream and downstream of the above structures. All devices shall be removed and the natural grade restored within two (2) months of the date that the Division of Land Resources has released the project.

5. Protective Fencing

The outside buffer, wetland or water boundary and along the construction corridor within these boundaries approved under this authorization shall be clearly marked with orange warning fencing (or similar high visibility material) for the areas that have been approved to infringe within the buffer, wetland or water prior to any land disturbing activities to ensure compliance with GC 3404.

Construction Stormwater Permit NCG010000

Upon the approval of an Erosion and Sedimentation Control Plan issued by the Division of Land Resources (DLR) or a DLR delegated local erosion and sedimentation control program, an NPDES General stormwater permit (NCG010000) administered by DWQ is automatically issued

Chatham Partners, LLC Page 3 of 4 June 8, 2007

to the project. This General Permit allows stormwater to be discharged during land disturbing construction activities as stipulated by conditions in the permit. If your project is covered by this permit [applicable to construction projects that disturb one (1) or more acres], full compliance with permit conditions including the sedimentation control plan, self-monitoring, record keeping and reporting requirements are required. A copy of this permit and monitoring report forms may be found at http://h2o.emr.state.ng.us/su/Forms_Documents.htm.

Work in the Dry.

All work in or adjacent to stream waters shall be conducted in a dry work area. Approved best management practices from the most current version of the NC Sediment and Erosion Control Manual, or the NC DOT Construction and Maintenance Activities Manual, such as sandbags, rock berms, cofferdams, and other diversion structures shall be used to minimize excavation in flowing water.

8. If concrete is used during the construction, then a dry work area should be maintained to prevent direct contact prevent direct contact between curing concrete and stream water. Water that inadvertently contacts uncured concrete should not be discharged to surface waters due to the potential for elevated pH and possible aquatic life/fish kills.

9. Deed Notifications

Deed notifications or similar mechanisms shall be placed on all retained jurisdictional wetlands and waters in order to assure compliance for future wetland or water impact. These mechanisms shall be put in place prior to impacting any wetlands and/or waters approved for impact under this Certification Approval.

10. Certificate of Completion

Upon completion of all work approved within the 401 Water Quality Certification and any subsequent modifications, the applicant is required to return the attached certificate of completion to the 401 Oversight/Express Review Permitting Unit, North Carolina Division of Water Quality, 1650 Mail Service Center, Raleigh, NC, 27699-1650.

11. Notification of Construction

The applicant and/or authorized agent shall contact the DWQ Express Review Program in writing at the letterhead address within ten (10) days of the commencement of construction.

Violations of any condition herein set forth may result in revocation of this Certification and may result in criminal and/or civil penalties. The authorization to proceed with your proposed impacts or to conduct impacts to waters as depicted in your application and as authorized by this Certification shall expire upon expiration of the 404 Permit.

If you do not accept any of the conditions of this Certification (associated with the approved wetland or stream impacts), you may ask for an adjudicatory hearing. You must act within 60 days of the date that you receive this letter. To ask for a hearing, send a written petition, which conforms to Chapter 150B of the North Carolina General Statutes to the Office of Administrative Hearings, 6714 Mail Service Center, Raleigh, N.C. 27699-6714. This certification and its conditions are final and binding unless you ask for a hearing.

Any disputes over determinations regarding this Authorization Certificate (associated with the approved buffer impacts) shall be referred in writing to the Director for a decision. The Director's decision is subject to review as provided in Articles 3 and 4 of G.S. 150B.

This letter completes the review of the Division of Water Quality under Section 401 of the Clean Water Act. If you have any questions, please telephone Lia Myott or Cynthia Van Der Wiele at 919-733-1786.

Chatham Partners, LLC Page 4 of 4 June 8, 2007

Sincerely,

TO:98469467

Coleen H. Sullins, Director

CHS/chk/lem

Enclosures:

GC3625 and GC3631

Certificate of Completion

CC:

Nicole Thomson, S&EC, P.A., 11010 Raven Ridge Road, Raleigh, NC 27614

USACE Raleigh Regulatory Field Office Mike Horan, DWQ Raleigh Regional Office

DLR Raleigh Regional Office

File Copy Central Files

SUBDIVISION: The Parks	s at Meadow	view
DIRECTIONS: NC 87 / Old G	Graham Road	
DEVELOPER: Crescent Comm	unities PHONE N	UMBER: 919-367-8790
Major Development: X Development with acreage of 10 a	Minor Devel	opment: or more:
Proposed road names	OK to submit	DUPLICATED
Holiday Drive		Do not Submit
Old Fort Drive	· · · · · · · · · · · · · · · · · · ·	
Wild Woods Trail	papaganinin jiji napaninin daga katalan sa baga katalan sa baga katalan sa baga katalan sa baga katalan sa bag	
Walking Trail Lane		
Eagles Nest Loop		***************************************
West Pasture Way		
Mallard Place		·
DATE SUBMITTED TO EOC: _ SUBMITTED BY: _ CE Group,		
EOC OFFICER:		•
DATE ROADS APPROVED:		
DATE FINAL PLAT RECEIVED) ;	
DATE GIVEN TO 911:		
DATE CUNTACT MADE WITH SUPPOUNDING COUNTY CON	NUMBERS:	
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subdivision: The Parks	at Meadowy	view
DIRECTIONS: NC 87 / Old Gr	aham Road	
DEVELOPER: Crescent Commu	inities PHONE NU	JMBER: 919-367-8790
Major Development: X Development with acreage of 10 ac	Minor Develor ereage of 10 acres	opment: or more:
Proposed road names	OK to submit	DUPLICATED Do not Submit
Maple Leaf Drive		
River Rock Court	·	
Central Park Circle		
Parkside Drive	,	
Misty Glen Lane		
Watercress Court		
Sunny Vista Court		
DATE SUBMITTED TO EOC: _/ SUBMITTED BY: _ CE Group,		
EOC OFFICER: DATE ROADS APPROVED:		
DATE FINAL PLAT RECEIVED	#	
DATE GIVEN TO 911:		
DATE GIVEN TO 911:	NUMBERS:	
SURROUNDING COUNTY CON	TACTED:	
PERSON SPOKEN WITH:	-	***************************************
GOMMMENTO:		
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subdivision: The Parks	at Meadow	view
DIRECTIONS: NC 87 / Old G	raham Road	
DEVELOPER: Crescent Commu	unities PHONE N	JMBER: 919-367-8790
Major Development: X Development with acreage of 10 acreage.	Minor Develoreage of 10 acres	opment: or more:
Proposed road names Dusty Arbor Lane	OK to submit	DUPLICATED Do not Submit
Fox Run Lane		
Pinwheel Drive		
Daisey Drive		
Timber Park Drive	-	
Botanical Way		
Old Well Drive		
DATE SUBMITTED TO EOC: _/ SUBMITTED BY: _ CE Group, EOC OFFICER:	nc.	
DATE ROADS APPROVED:	∳	
DATE GIVEN TO 911: DATE CONTACT MADE WITH	NUMBERS:	and the state of t
SURROUNDING COUNTY CON PERSON SPOKEN WITH: GOMMENTS:	TACTED:	



subdivision: The Parks	at Meadow	view
DIRECTIONS: NC 87 / Old G	raham Road	
DEVELOPER: Crescent Comm	unities PHONE NI	JMBER: 919-367-8790
Major Development: X Development with acreage of 10 a	Minor Develoreage of 10 acres	opment: or more:
Proposed road names	OK to submit	
Sunflower Court		Do not Submit
Pine Straw Court		
West Park Drive	474	
North Park Drive		Reference
Brooks Creek Trail		
Adventure Lane		
Brookside Court		
DATE SUBMITTED TO EOC: SUBMITTED BY: _CE Group,		
EOC OFFICER:		1 .
DATE ROADS APPROVED:		
DATE FINAL PLAT RECEIVED DATE GIVEN TO 911: DATE CONTACT MADE WITH); <u> </u>	
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subdivision: The Parks	at Meadow	view
DIRECTIONS: NC 87 / Old G	raham Road	
DEVELOPER: Crescent Commu	unities PHONE N	UMBER: 919-367-8790
Major Development: X Development with acreage of 10 a	Minor Devel creage of 10 acres	opment: or more:
Proposed road names Discovery Drive	OK to submit	DUPLICATED Do not Submit
Oakcrest Court		
Parkway Drive		
Sugarberry Lane		
Grassy Knoll Court		
Drifting Leaf Lane		
Cloudview Court		,
DATE SUBMITTED TO EOC: _/ SUBMITTED BY: _ CE Group, EOC OFFICER: _ DATE ROADS APPROVED: _ DATE FINAL PLAT RECEIVED DATE GIVEN TO 911: _ DATE CONTACT MADE WITH SURROUNDING COUNTY CON PERSON SPOKEN WITH: _ GOMMENTS:	inc. : NUMBERS: TACTED:	
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subdivision: The Parks	at Meadow	view
DIRECTIONS: NC 87 / Old G	raham Road	
DEVELOPER: Crescent Commi	unities PHONE N	UMBER: 919-367-8790
Major Development: X Development with acreage of 10 a	Minor Devel creage of 10 acres	opment: or more:
Proposed road names Keystone Court	OK to submit	DUPLICATED Do not Submit
Palmetto Drive		
DATE SUBMITTED TO EOC: _/	August 7, 2006	
SUBMITTED BY: CE Group, EOC OFFICER:	inc.	
DATE ROADS APPROVED:	<u>. </u>	
DATE FINAL PLAT RECEIVED		
DATE CONTACT MADE WITH SURROUNDING COUNTY CON	NUMBERS: TACTED:	
PERSON SPOKEN WITH: GOMMENTS:		
•		sed 4/19/02
	Fear	en 4/19/02



Thanks

Transmittal

CE Group, inc.

Mike Zaccardo, PE

TO: CIT	atham County P	UDIIC VVOIKS	3/14/0/	
P. O. Box 87 Pittsboro, NC 27312 PROJECT NO: 120-13 RE: The PARKS at Meadowview			PROJECT NO: 120-13	
		RE: The PARKS at Meadowview		
			Phase 5 plans	
ATTENTION:	Roy Lowder		Submitted for System Pressure Review and Hydrant Placement Approval	
Quantity	Drawing No.		Description	
3 sets	Sealed 3/12/07	The PARKS at Meadowvi	ew Phase 5 Subdivision Construction Drawings	
3 copies	Sealed 3/14/07	Water Engineering Report		
3 copies	Sealed 3/14/07	3/14/07 Water Distribution System Technical Specifications		
	· .			
REMARKS	S Roy, we a	are submitting these Phas	e 5 plans for your review and approval for water	
system p	oressure and fire h	ydrant location placemen	t	
If you ne	ed any additional i	information, do not hesita	te to call me.	

11000 Regency Parkway, Suite 410 Cary, N.C. 27511 919-367-8790 voice 919-367-8791 fax



Division of Environmental Health

Terry L. Pierce, Director

State of North Carolina Michael F. Easley, Governor

Public Water Supply Section
Jessica G. Miles, Section Chief

Department of Environment and Natural Resources William G. Ross, Secretary

April 11, 2007

MICHAEL J MYERS 202 MACKENAN COURT CARY, NC 27511

Re:

Authorization to Construct

THE PARKS AT MEADOWVIEW, PHASE 5

CHAPEL RIDGE S/D

CHATHAM COUNTY NC4019009

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 PARKS AT MEADOWVIEW, PHASE 5, DEH Serial No. 07-00443.

The Authorization to Construct is valid for 24 months from the date of this letter. Authorization to Construct may be extended if the Rules Governing Public Water Supplies and site conditions have not changed. 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.

Approval must be secured from the Department before any construction or installation if:

- Deviation from the approved engineering plans and specifications is necessary; or
- There are changes in site conditions affecting capacity, hydraulic conditions, operating units, the function
 of water treatment processes, the quality of water to be delivered, or conditions imposed by the
 Department in any approval letters.

Upon completion of the construction or modification and in accordance with Rule .0303, the applicant shall submit a certification statement directly to HENRI OU of this office. This statement must be 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. Prior to Final Approval, the applicant shall submit a signed certification stating that the requirements in 15A NCAC 18C .0307 (d) and (e) have been satisfied and if applicable, a completed application for an Operating Permit and fee. Once the certification statements and operating permit application and fee, if applicable, are received and determined adequate, the Department will grant Final Approval in accordance with Rule .0309 (a). Therefore, no construction, alteration, or expansion of a water system shall be placed into service until Final Approval has been issued by the Department.

If we can be of further assistance, please call (919) 733-2321.

Sincerely,

Tony C. Chen, P.E. Technical Services Branch Public Water Supply Section

TCC:HSO

cc: MICHAEL L. DOUGLAS, P.E., REGIONAL ENGINEER C E GROUP INC





State of North Carolina Department of Environment and Natural Resources Division of Environmental Health



Public Water System Authorization to Construct

Public Water System Name and PWSID No. (if available):		
Syster o. (<i>if a</i> v		•
	Water Sysi	. (if av

CHAPEL RIDGE S/D NC4019009 THE PARKS AT MEADOWVIEW, PHASE 5 07-00443 Serial No. Project Name:

Issue Date:

Expiration Date:

4/10/2007

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



Division of Environmental Health

Terry L. Pierce, Director

State of North Carolina Michael F. Easley, Governor

Department of Environment and Natural Resources William G. Ross, Secretary

Public Water Supply Section

Jessica G. Miles, Section Chief

April 11, 2007

Mr. Michael J. Myers, Manager Heater Utilities, Inc. Post Office Drawer 4889 Cary, North Carolina 27519

Re: Engineering Plans and Specifications Approval
Water Main Extension
Buck Mountain/Chapel Ridge Water System to serve
The Parks at Meadowview Subdivision, Phase 5
Chatham County
I.D. # 40-19-009

This is not an Authorization to Construct

Dear Mr. Myers:

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 Environmental Health stamp of approval for the referenced project. These engineering plans and specifications are approved under Division of Environmental Health serial number 07-00443, dated April 10, 2007.

Engineering plans and specifications prepared by Michael V. Zaccardo, P.E., call for the installation of approximately 7,577 feet of 8-inch and 2,751 feet of 4-inch water mains, valves, hydrants and other related appurtenances along Botanical Way, Brooks Creek Trail, Mallard Place, Old Fort Drive, Sugarberry Drive, Wild Woods Trail North, Wildwoods Trail South, Walking Trail Lane, Watercress Court and Oakcrest Court to serve The Parks at Meadowview Subdivision, Phase 5 with 155 lots located off S.R. 1520 (Old Graham Road). Heater Utilities, Inc. is currently purchasing the bulk water from Town of Pittsboro to feed their Water System that serving Chapel Ridge, The Parks at Meadowview, the Bluffs. The Creekside and McBane Subdivisions.

Please note that an "Authorization to Construct" requires both this approval of Engineering Plans and Specifications and submittal of a complete Water System Management Plan. No construction shall be undertaken, and no contract for construction, alteration, or installation shall be entered into until the Department issues an Authorization to Construct letter in accordance with 15A NCAC 18C .0305(a).

These plans and specifications cited 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.

One copy of each enclosed document is being forwarded to our Raleigh Regional Office. The third copy is being retained in our permanent files.

If we can be of further service, please call on us at (919) 733-2321,

ony Cl'Onety, V.E.F ead Engineer, Plan Review echnical Services Branch

TCC/HSO/db

Enclosures: Approval Documents
cc: Michael Douglas, P.E., Regional Engineer
Chatham County Health Department
CE Groups, Inc.
Utilities Commission-Water Division

1634 Mail Service Center, Raleigh, North Carolina 27699-1634
Telephone 919-733-2321 ▲ Fax 919-715-4374 ▲ Lab Form Fax 919-715-6637
http://ncdrinkingwater.state.nc.us/



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(919) 542-2400 FAX 542-0496 robinson@bradshawrobinson.com law@bradshawrobinson.com

July 12, 2007

Dr. Ann Y. Hart, Superintendent Chatham County Schools P. O. Box 128 Pittsboro, North Carolina 27312 VIA HAND DELIVERY

RE:

The Parks at Meadowview Phase Five (Harris Tract)

Dear Dr. Hart:

This firm represents the applicant in connection with an application for preliminary plat approval for a subdivision referred to as "The Parks at Meadowview, Phase Five." The sketch design for this project was approved in May of 2006. The developer is now requesting preliminary plat review. The Chatham County Subdivision Review Checklist for preliminary plat applications makes reference to comments, if any, from Chatham County school system regarding the proposed roads.

Enclosed is a copy of the proposed plat as well as a plat note describing the roadway widths. Please let us know if the school system has any comments regarding the roadways. If you need any further information, please let me know.

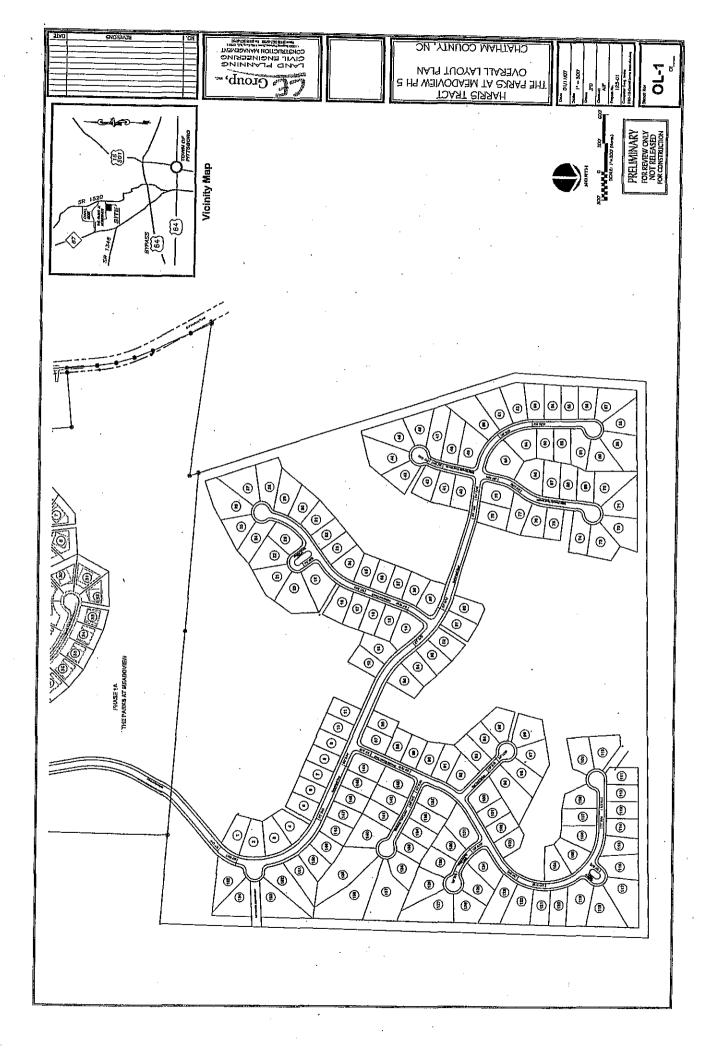
Very truly yours,

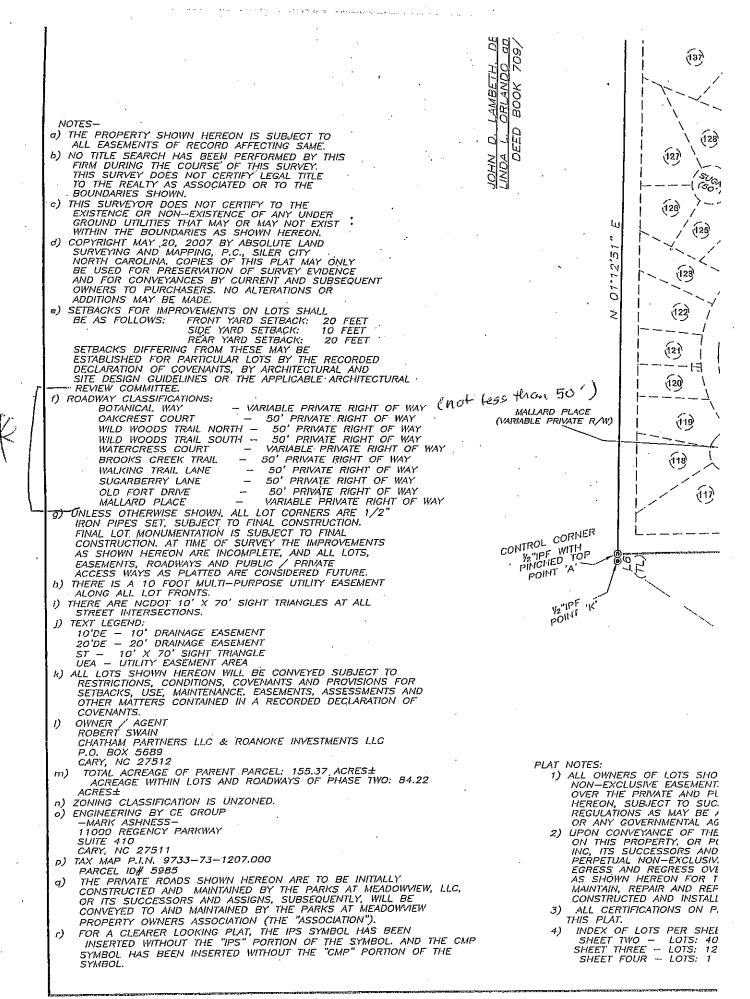
Nicolas P. Robinson

NPR:jbs

Enclosure

c: Robert Swain







Transmittal

C中 Group, inc.

Joe Faulkner, RLA, ASLA

TO: Ch	atham County Pl	lanning Dept. DATE: 4/26/07
Po	st Office Box 54	PROJECT NO: 120-13
Pittsboro, N.C. 27312-0054 RE: Stormwater Management Plan		
		The Parks at Meadowview – Phase 5
ATTENTION:	Keith Meggins	chatham County, NC
1		
Quantity	Drawing No.	Description
2	sets .	Stormwater Management Plans – The Parks at Meadowview – Phase 5
2	Copies	Water Quality Pond Calculations
	•	
	•	
	·	
REMARKS	For review	and approval. Please give me a call if you have any questions or need any
additiona	l information. Tha	ınk you.
	······································	

11000 Regency Parkway, Suite 410 Cary, N.C. 27511 919-367-8790 voice 919-367-8791 fax

Signed

CC:



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July 2,2007

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