



Planning & Development

Public Utilities Department
 For all development projects within Raleigh's
 ETJ, please submit to: One Exchange Plaza, 1
 Exchange Plaza Suite 400 Raleigh NC 27601
 phone 919-996-2495 Fax 919-516-2684

Public Water Application and Engineers Report

See <u>Development Fee Schedule</u> for current fee - Check made payable to: City of Raleigh		
This application for a Water Extension is being made under the approved City of Raleigh Water System Management Plan and Engineers Report.		
Applicant Information		
Applicant	KEITH GETTLE (CAA ENGINEERS)	
Organization	CAA ENGINEERS, INC	
Mailing Address	4932B WINDY HILL DR, RALEIGH NC 27609	
Phone	919-210-3934	
Project Information		
Project Name	JONES DAIRY PRESERVE - SOUTH	
Project Location	RALEIGH, NC	
Description	SINGLE FAMILY RESIDENTIAL SUBDIVISION	
Number of Units Served	216	
Pressure Zone	Site Static Pressure	
Estimated Completion Date	2022	
Engineering Firm Information		
Engineering Firm	CAA ENGINEERS, INC	
Contact	KEITH GETTLE	
Mailing Address	Phone 919 210-3934	Email KGETTLE@ CAAENGINEERS. COM
Pursuant: City of Raleigh Code Ordinance Chapter 800 N.C. General Statutes Chapter 130 A-317		
Applicant's Signature 	Title PRINCIPAL	Date 8/20/20
Engineer's Certification I <u>KEITH GETTLE</u> , as a duly registered Professional Engineer in the State of North Carolina, hereby certify that the plans and specifications attached hereto are consistent with the above summary.		
Engineer's Signature 	Registration # <u>30913</u>	





Planning & Development

Public Utilities Department
For all development projects within Raleigh's
ETJ, please submit to: One Exchange Plaza, 1
Exchange Plaza Suite 400 Raleigh NC 27601
phone 919-996-2495 Fax 919-516-2684

Public Gravity Sewer Application

See <u>Development Fee Schedule</u> for current fee - Check made payable to: City of Raleigh			
Applicant Information			
Applicant	KEITH GETTLE, PE		
Organization	CAA ENGINEERS, INC.		
Mailing Address	4932-B WINDY HILL DR., RALEIGH NC 27609		
Phone	919-210-3934		
Project Information			
Project Name	JONES DAIRY PRESERVE - SOUTH		
Project Location	ROLESVILLE, NC (WAKE COUNTY)		
Project Description	SINGLE FAMILY RESIDENTIAL SUBDIVISION		
Number of Units Served	216		
Wastewater Information			
Type of Wastewater	Domestic <input checked="" type="checkbox"/>	Industrial	Average Daily Flow (gallons)
Tributary to Wastewater Plant	Little River	Neuse River <input checked="" type="checkbox"/>	Smith Creek
Contractor Information			
Contractor Installing Sewer	RJS GRADING LLC		
Company Name	RJS GRADING, LLC	Contact	RIK SAPPAN
Company Address	312 LYNNWOOD,	Mailing Address	RALEIGH NC
Phone	919-524-0326	Estimated Completion Date	2022
Engineering Firm Information			
Engineering Firm	CAA ENGINEERS, INC		Contact KEITH GETTLE
Mailing Address	4913-B WINDY HILL DR RALEIGH NC 27609	Phone 919 210-3934	Email KEITH@CAAENGINEERS.COM
Pursuant: City of Raleigh Code Ordinance Chapter 800 N.C. General Statutes Chapter 130 A-317			
Applicant's Signature	Title	Date	
<i>Keith P. Gettle</i>	PRINCIPAL	8/24/20	
Engineer's Certification	I, <u>KEITH P. GETTLE</u> , as a duly registered Professional Engineer in the State of North Carolina, hereby certify that the plans and specifications attached hereto are consistent with the above summary.		
Engineer's Signature	<i>Keith P. Gettle</i>	Registration #	30913

Non-Discharge Application Form Attachment for Gravity Sewers

1 Owner/Project Name (as shown on application) JONES DAIRY PRESERVE - SOUTH

2 Total length of sewer pipe (by diameter size)

Diameter (inches)	Length (linear feet)	Material	Minimum Cover	Slope Maximum	Slope Minimum
8	7373	PVC	4'	3.75%	.5%
8	838	DI	4'	3%	.5%

3 Maximum sewer reach length between manholes 351 Linear Feet

Does Owner/Operator have the ability to clean this? Yes No

4 Sewer subject to traffic bearing loads? Yes No

5 Maximum allowable infiltration/exfiltration test rate in GPM/in/mile 100 GPM/in/Mile

6 Minimum separation distances as shown on the plans or addressed in the specifications

100 feet horizontal separation from wells or other water supplies	<input checked="" type="radio"/> Yes	<input type="radio"/> No
24 inch vertical separation from storm sewers,	<input checked="" type="radio"/> Yes	<input type="radio"/> No
or Ferrous pipe sanitary sewer specified with concrete cradle	<input checked="" type="radio"/> Yes	<input type="radio"/> No
10 feet horizontal separation from water mains,	<input checked="" type="radio"/> Yes	<input type="radio"/> No
or 18 inch vertical separation,	<input checked="" type="radio"/> Yes	<input type="radio"/> No
or Ferrous pipe sanitary sewer specified	<input checked="" type="radio"/> Yes	<input type="radio"/> No

7 100 year-flood elevation

Are manholes subject to flooding? Yes No

If yes, are manhole rim elevations two (3) feet above 100-year flood level? Yes No

Engineer's Certification | KEITH P. GETTUS as a duly registered Professional Engineer in the State of North Carolina, hereby certify that the plans and specifications attached hereto are consistent with the above summary.

Signature  Registration # 30913

Amended North Carolina Department of Natural Resources and Community Development Division of Environmental Management Non-discharge Application Form Attachment Gravity Sewers PA-1(7-1-87)