

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		for current fee - Check made payable to: City of Raleigh	
Applicant Information			
Applicant Wallbrook Landco LLC (developer)			
Organization Crossland Southeast, Attn: Michael Isaac, PE			
Mailing Address 4700 Six Forks Road, Suite 150, Raleigh, NC 27609			
Phone 919-610-7875 (Michael Isaac cell)			
Project Information			
Project Name Wallbrook Development			
Project Location S. Main Street in Rolesville, NC			
Project Description Commercial and residential development			
Number of Units Served 52 acres			
Wastewater Information			
Type of Wastewater		Average Daily Flow (gallons) 111,140	
<input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial			
Tributary to Wastewater Plant		<input type="checkbox"/> Little River <input type="checkbox"/> Neuse River <input type="checkbox"/> Smith Creek	
<input type="checkbox"/> Little River		<input type="checkbox"/> Neuse River	
Contractor Information			
Contractor Installing Sewer unknown at this time			
Company Name		Contact	
Company Address		Mailing Address	
Phone		Estimated Completion Date	
Engineering Firm Information			
Engineering Firm Highfill Infrastructure Engineering, P.C.		Contact Brian Oschwald	
Mailing Address 2703 Jones Franklin Road, Suite 201, Cary, NC 27518		Phone 919-412-8700	Email boschwald@hiepc.com
Pursuant: City of Raleigh Code Ordinance Chapter 800 N.C. General Statutes Chapter 130 A-317			
Applicant's Signature <i>Michael Isaac</i>		Title Senior Project Manager	Date 12/29/22
Engineer's Certification Brian J.P. Oschwald, 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>Brian J.P. Oschwald</i>		Registration # 038689	
			<p style="text-align: center;">SEAL</p> <p style="text-align: center;">SEAL NOT VALID UNLESS SIGNED AND DATED</p>

Non-Discharge Application Form Attachment for Gravity Sewers

1 Owner/Project Name (as shown on application) **Wallbrook Landco LLC / Wallbrook Development**

2 Total length of sewer pipe (by diameter size)

Diameter (inches)	Length (linear feet)	Material	Minimum Cover	Slope Maximum	Slope Minimum
12	875	PVC	3'	1.69	.43
18	1,000	PVC			

3 Maximum sewer reach length between manholes 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 Yes No

24 inch vertical separation from storm sewers, Yes No

or Ferrous pipe sanitary sewer specified with concrete cradle Yes No

10 feet horizontal separation from water mains, Yes No

or 18 inch vertical separation, Yes No

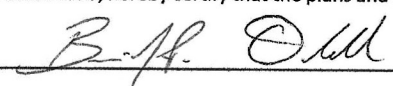
or Ferrous pipe sanitary sewer specified Yes No

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 | Brian J.P. Oswald 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 # 38689

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)