



Jones & Crossen
ENGINEERING, PLLC

Civil Engineering | Construction Management | Land Planning

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May 28, 2020

Jason Rivenbark
Lennar Carolinas, LLC
909 Aviation Parkway, Suite 700
Morrisville, North Carolina 27560

Re.: Smith Farm Phase 2
Fee-in-Lieu Estimate for Sanitary Sewer Extension

Dear Mr. Rivenbark,

As part of the Smith Farm Phase 2 construction drawings, Sewer Outfall C, a sanitary sewer stub to an upstream, adjacent property, was constructed short of the property line due to an impermissible stream crossing. The Town of Apex is allowing a fee-in-lieu for the uncompleted sanitary sewer from MH#50 to the property line. The construction cost for this uncompleted sanitary sewer section is outlined as follows:

Clearing	0.1 AC @ \$ 6,500.00/AC =	\$ 650.00
Erosion & Sediment Control	169 LF @ \$ 4.00/LF =	\$ 676.00
Earthwork/Grading	169 LF @ \$ 10.00/LF =	\$ 1,690.00
Seeding	0.1 AC @ \$ 2,000.00/AC =	\$ 200.00
8" PVC San. Sewer @ 0'-6' Depth	78 LF @ \$ 36.00/LF =	\$ 2,808.00
8" PVC San. Sewer @ 6'-13' Depth	91 LF @ \$ 47.00/LF =	\$ 4,277.00
Flushing/Pressure Testing	169 LF @ \$ 2.50/LF =	\$ 422.50

Total Fee-in-Lieu Estimate = \$ 10,723.50

Please call if you have any questions following your review. Once approved, the payment will need to be made to the Town of Apex.

Sincerely,

Peter D. Crossen, P.E.
Jones & Crossen Engineering, PLLC

