

Contract Title:	Contract Service – Chemical Root Control Services – Duke’s Root Control
Meeting Date:	July 1, 2025
Meeting Type:	City Council Meeting - First Tuesday - Afternoon & Evening Sessions
Department:	Public Utilities
Sponsor(s):	Scott Smart
Fiscal Impact	Yes
Dollar Amount:	2,500,000.00
Budgeted	Yes
Budget Source:	Operating Budget

Agenda Content:

Scott Smart, Raleigh Water

Raleigh Water's Sewer Maintenance Division proactively addresses root intrusion—one of the most destructive and costly issues affecting the sanitary sewer collection system. Left unmanaged, root intrusion can cause significant operational and environmental challenges, including:

- Sewer backups and overflows
- Structural pipe damage and joint separation
- Reduced flow capacity and sewer odors
- Septic pooling and infiltration/exfiltration in groundwater-prone areas

These problems are especially prevalent in areas with dense vegetation, such as neighborhoods with mature trees or landscaped gardens near sewer lines.

To mitigate these risks, Raleigh Water Sewer Maintenance Division issued a Request for Proposal (RFP) on May 5, 2025, for chemical root control services for the sanitary sewer collection system. One proposal was received and evaluated by the designated review committee. The evaluation committee recommends the selection of Duke’s Root Control to provide the chemical root control services. Duke’s Root Control, Inc., is a nationally recognized specialist in chemical root control. The proprietary root control

application effectively deters root infiltration, preserving the structural integrity and hydraulic capacity of the sewer system.

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The proposed contract with Duke’s Root Control, Inc. will support service continuity throughout the Raleigh Water service area, including the merger communities of Garner, Knightdale, Rolesville, Wake Forest, Wendell, and Zebulon. The contract will have an initial term of three years, with the option for two additional one-year renewals.

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Staff recommends City Council approval of the proposed five-year contract to prevent infrastructure degradation due to root accumulation.

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Approval of this contract supports the City’s long-term commitment to system reliability, environmental compliance, and cost-effective infrastructure management.

Recommended Action: Authorize the City Manager to execute the contract with Duke’s Root Control in the amount not to exceed \$2,500,000.

Contract Properties:

Name of Project:	Chemical Root Control Services
Name of Vendor:	Duke’s Root Control, Inc.
Managing Division:	Raleigh Water- Sewer Maintenance Division
Approval Request:	Contract Amendment
Reason for Council Review:	Contract Amount > \$300,000
Original Project Budget:	\$2,500,000
Award Amount:	\$2,500,000
Encumbered this approval:	\$500,000
Budget Transfer	N/A
Options for renewal:	(\$500,000 per year- initial contract three (3) years with two (2) additional one-year terms, not to exceed 5 years)