



## PUBLIC WORKS

**To: Mayor and Town Council**  
**From: Chuck Ewings, Assistant Town Manager**  
**Through: Mario Canizares, Town Manager**  
**Re: Wastewater Line Smoke Testing Services**  
**Town Council Meeting – April 16, 2024**

**Strategic Visioning Priority: 4. Provide Excellent Municipal Services**

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**Agenda Item:**

Consider and act upon authorizing the Town Manager to enter into a Professional Services Agreement with Burgess and Niple for wastewater line smoke testing services.

**Description of Agenda Item:**

Annually the Town Public Works department selects segments of the wastewater collection system to test for inflow and infiltration (I&I). This is when groundwater or runoff enters the collection system causing an increase in flows that need treatment and increasing the Town's treatment costs.

As part of this process, smoke is injected into the collection system to identify locations that may be allowing water to penetrate. These locations can then be repaired to seal the system and reduce the amount of infiltration of the system.

**Budget Impact:**

The cost of the testing is \$49,855 and this funding is budgeted annually to test portions of the collection system. Project costs will be charged to account 200-5480-50-03.

**Legal Obligations and Review:**

Terrence Welch of Brown & Hofmeister, L.L.P., has approved the attached documents as to form and legality.

**Attached Documents:**

1. Proposal from Burgess and Niple

**Town Staff Recommendation:**

Town Staff recommends Town Council authorize the Town Manager to enter into a Professional Services Agreement with Burgess and Niple for wastewater line smoke testing services.

**Proposed Motion:**

I move to authorize the Town Manager to enter into a Professional Services Agreement with Burgess and Niple for wastewater line smoke testing services.