



## CONSTRUCTION PROJECT INFORMATION FLYER CITY OF ST. AUGUSTINE

### **Project Goal: Smoke testing of Sanitary Sewer In high Inflow areas of the City Sewer Mains**

This project is part of the City's ongoing Inflow and Infiltration (I&I) Elimination Program of the Sanitary Sewer Collection System. Smoke testing of the collection systems will help identify sources of storm water runoff or ground water intrusion entering the City sewage collection system. Results from this testing will define potential sources of and elimination or minimization of unwanted storm or ground water entering sewer collection system. Elimination or minimizing of storm water flows into the collection system will help reduce or eliminate some of the causes for sewage overflows in the City and the cost of sewage treatment by reducing the volume of sewage to be treated.

#### **Project Requirements**

The City has contracted with USSI, LLC to perform Smoke Testing on several sewage collection Basins in the City.

- Coordinate and notify emergency response providers of smoke testing.
- Plan and execute traffic maintenance where testing is being performed.
- Generate and handout notices of testing to residences and businesses that are within the collection system boundaries that will be tested.
- Inspect and report the condition of Manholes.
- Measure and insert rain dishes in manholes that are within the proximity where high tides and storm flooding occurs to reduce storm or tidal flow from entering manholes.
- Identify any cross connections between the Sanitary and Storm sewers so they may be separated.
- Identify rain gutters discharging into the sanitary system so that this un-authorized inflow into the collection system may be disconnected.
- Identify any Main or Service lateral cleanouts with missing or damaged caps and plugs so they may be replaced and reduce storm water inflow into the collection system.

**Note:** Testing will not interrupt sanitary sewer services. Project success will require the coordination and cooperation of all businesses, residences, City personnel and emergency responders during testing and inspections.

#### **Project Approved**

Project funds for this work are included with the City's annual I&I Elimination program budget for 2017/2018.

#### **Questions Concerning the Project**

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#### **Project Contractor**

USSI, LLC. Office Number: (941) 445-0498

#### **Project Schedule**

Door Hangers: Oct. 4 & 5<sup>th</sup>

#### **Smoke Testing:**

Basins 1, 2, & 4	Oct. 8 <sup>th</sup>
Basins 6, 8, & 9	Oct. 10 <sup>th</sup> & 11 <sup>th</sup>
Basins 10 & 11	Oct. 11 <sup>th</sup>
Basins 15 & 20	Oct. 12 <sup>th</sup>
Basins 23 & 24	Oct. 15 <sup>th</sup>
Basins 29, 52, & 56	Oct. 16, 17 <sup>th</sup>

#### **Manhole Inspections:**

(Weather Permitting)

Basins 1, 2, 4, 6, 8	Oct. 1 <sup>st</sup> .
Basins 9, 10, & 11	Oct. 2 <sup>nd</sup>
Basin 15 & 20	Oct. 3 <sup>rd</sup>
Basins 23, 24, 29	Oct. 4 <sup>th</sup>
Basins 52 & 56	Oct. 5 <sup>th</sup>

Completion Date: Oct. 31<sup>st</sup>

**Project Overview:** Smoke testing will be performed in 15 Sanitary Sewer Collection Basins which are located in all areas of the incorporated limits of the City of St. Augustine Florida. Selection of the basins for which testing is planned has been based on short term flow increases associated with storm and/or high tides events.

The following maps that are included with this flyer shows the general locations of the basins that will be tested.