



City of Daytona Beach, Sanitary Sewer Smoke Testing, Wastewater Inflow & Water Abatement Program



Leaking manhole chimney/Cover



Identified Cross Connection



Identified broken clean-out

SUMMARY: USSI LLC is under contract by The City of Daytona Beach Utilities Department to smoke test 44.87 miles of sanitary sewer gravity mains located within the beachside service area.

SMOKE TESTING PROGRAM: Sanitary sewer smoke testing is one of the best and most cost-effective ways to identify leaks, defects, cross connections and stormwater inflow and infiltration in the sanitary sewer system.

OBJECTIVE OF THE PROGRAM: The program objective is to remove storm water sources from the sanitary sewer system, keep wastewater treatment costs and sanitary sewer rates low, and protect the environment.

WHAT IS SMOKE TESTING: The test consists of forcing safe, vegetable-oil-derived smoke into the sewer lines and observing where it escapes so USSI can determine the location of leaks and defects within the city's sanitary sewer system. Odorless and safe, the smoke leaves no residuals or stains and has no adverse effect on people, plants, or animals.

WHAT TO EXPECT: At no time during the duration of the Smoke testing program will utility service be interrupted. While smoke can be expected to be visible coming out manhole covers and vent stacks in roofs, it should not enter homes. To reduce the likelihood of smoke entering a building, the City recommends that the customer pour 2-3 gallons of water into seldom-used sinks and floor drains, where the smoke could arise due to lack of water pressure. This may be done at any time prior to the test.

NOTIFICATIONS: City of Daytona Beach Dispatch and both the Volusia County Fire Rescue Department and the Sheriff's Office will be made aware of the smoke testing project areas and schedule. Door hanger notices will be given to residents and business owners at least 24-48 hours prior to work in the specific area.

DOOR HANGERS: USSI will start placing door hangers on Wednesday, March 30th and Friday, March 31st and then follow up with smoke testing the service areas the week of April 4th with an estimated completion date of April 29th, 2022. Work will be performed between the hours of 8:00am-5:00pm weather permitting. USSI will have one crew working the area during this project.

SPECIAL REQUEST:

While smoke testing is safe, residents with heart or respiratory conditions may contact USSI at 1-888-645-9570 or 941- 926-2646 between the hours of 9am to 4pm to inquire about testing schedules and have a call ahead placed, only if needed.

IF THE SMOKE ENTERS, YOU'RE HOME OR BUSINESS:

Contact one of the uniformed crew members who will be inspecting outside for leaks and they will be happy to help you figure out where the smoke is coming from, but we will not make repairs. This is the responsibility of the homeowner. If smoke enters your home/business, open your doors and windows so it can be aired out.

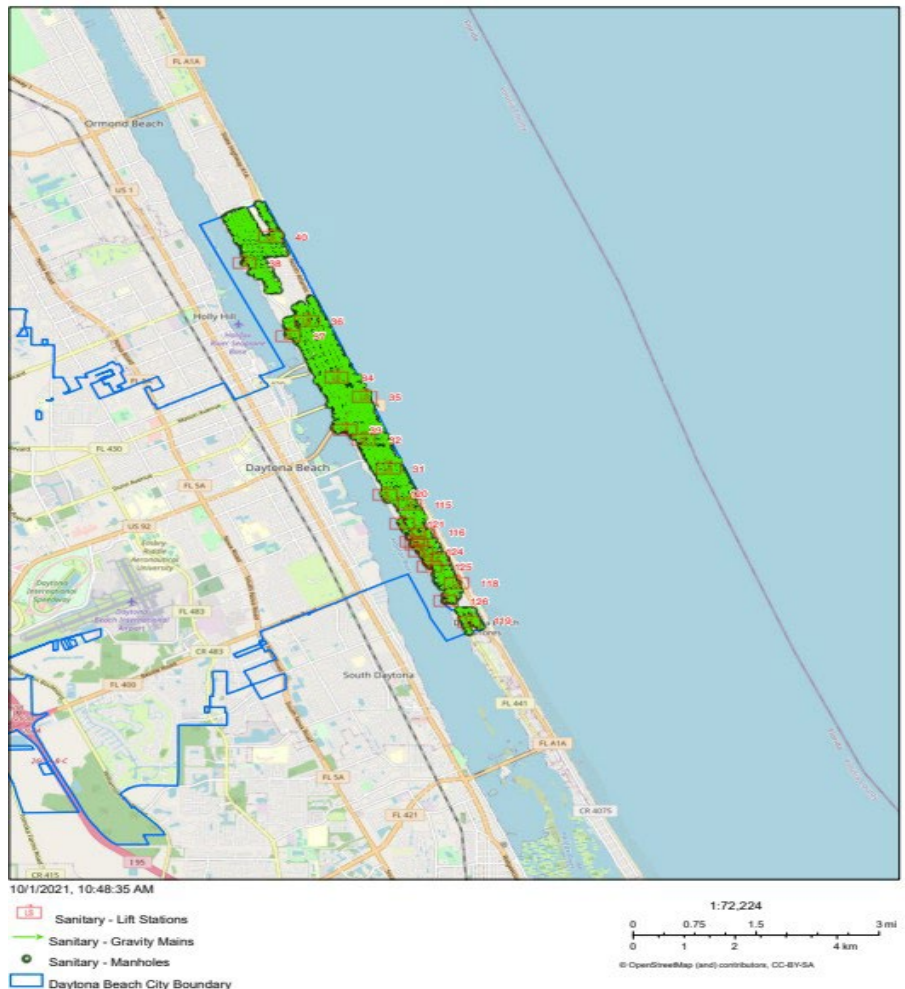
ADDITIONAL INFORMATION:

For more information and videos that pertain to smoke testing please visit www.ussiusa.com. Select the "I just received a Door Hanger notice about smoke testing-Click Here"

SCOPE: SANITARY SEWER SMOKE TESTING

- Smoke Test inspection of 236,917 LF/44.87 miles of gravity main pipe, to identify all problems to include private sewer laterals and other connecting lines.
- Inspect of 970 Sanitary sewer manholes.
- Install 970 Rain Dishes
- The information gathered during the smoke testing project will be used to create a prioritized plan to reduce I/I impacts to the sanitary sewer system.
- Lift Station Basin areas included in project:
31,32,33,34,35,36,37,38,40,115,116,117,118,119,120,121, 122,123,124,125, and 126.

FY2021/22 USSI SMOKE TESTING AREA MAP (IN-FLOW ABATEMENT)



If you have questions regarding this project, please contact:

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