



CITY OF ANTIGO

PUBLIC WORKS COMMITTEE MEETING

MULTI-PURPOSE ROOM

Wednesday, April 24, 2019

CITY HALL, 700 EDISON STREET

5:30 PM

Call to Order

Discussion and Action May Occur on Any of the Following Agenda Items:

1. Approval of the Minutes from the February 27, 2019 Meeting
2. Presentation by Taryn Nall of Reukert & Mielke Consulting Firm Regarding Smoke Testing to Identify Sanitary Sewer Infiltration in a +/- 400 acre Area Centered on the Downtown Corridor - Information Only
3. Professional Service agreement with Reukert & Mielke for 2019 Smoke Testing of the Sanitary Sewer System Essentially in an area bound by 4th Ave to 10th Ave and from Lincoln Street to Arctic Street

Any Other Matters Authorized by Law to be Considered

Adjournment

Upon reasonable notice, efforts will be made to accommodate disabled individuals through appropriate aids and services. For additional information, contact Jaime Horswill, 700 Edison Street, Antigo, Wisconsin 54409. (715) 623-3633 extension 100. Members of and possibly a quorum of members of other governmental bodies may be in attendance to gather information. Any governmental body other than that specifically referred to above will take no action.

DATE MAILED: April 18, 2019

TOM BAUKNECHT



To: Mayor and City Council
From: Mark Desotell, Director of Administrative Services
Date: April 24, 2019
Re: Presentation by Taryn Nall of Reukert & Mielke Consulting Firm Regarding Smoke Testing to Identify Sanitary Sewer Infiltration in a +/- 400 acre Area Centered on the Downtown Corridor - Information Only

In a continued effort to identify the amount of unwanted ground water/surface run-off into the City's sanitary sewer system, a presentation on the benefits of smoke testing will be made by Taryn Nall of the Ruekert & Mielke engineering consulting firm.

The testing will help identify the sources and recommended corrective actions for addressing identified infiltration points. Repairs at times can be relatively simple in nature but can range to more costly remedial action being identified. Future investment priorities can be established once the final data is gathered.

The area under consideration for this project consists of about 10% of the City's land-mass and is centered upon the Downtown corridor. This location was selected in order to assess any Downtown corridor problems/solutions ahead of design work along the pending 5th Avenue reconstruction project. This particular portion of the community encompasses much of the older portions of underground infrastructure and hopefully will identify any key problem areas. Infiltration of ground or surface run-off into the City's sanitary sewer system ultimately introduces "clear water" into the treatment process at our wastewater plant. This not only threatens the operational capacity of the plant but also adds to the overall cost of treatment.

Please feel free to present any of your questions to me in advance of the meeting or to bring your concerns/comments to the meeting itself for further clarification.

Warmest regards,

Mark

NOTICE

Smoke Testing Sewers

The City of _____ will be conducting smoke tests of sanitary sewers in your area on:

Monday, _____ through Wednesday, _____

The smoke testing program will assist us in locating defects and sources of infiltration and inflow in the sewer system. During the smoke testing process, smoke will be blown throughout the sanitary sewer system from sanitary manholes. You may see smoke coming from vent stacks on buildings or from holes in the ground. Don't be alarmed. The smoke is non-staining, non-toxic, does not create a fire hazard, and will dissipate in a few minutes.

Smoke may also appear in basements by means of unused floor drains, disconnected plumbing fixtures, faulty plumbing fixtures, or any direct connection to the structure service lateral. In an effort to reduce these possibilities, please pour water into your basement floor drains; any unused sinks or toilets; and other used and unused plumbing fixtures and traps. This will seal the drain traps to avoid the entry of smoke into your building.

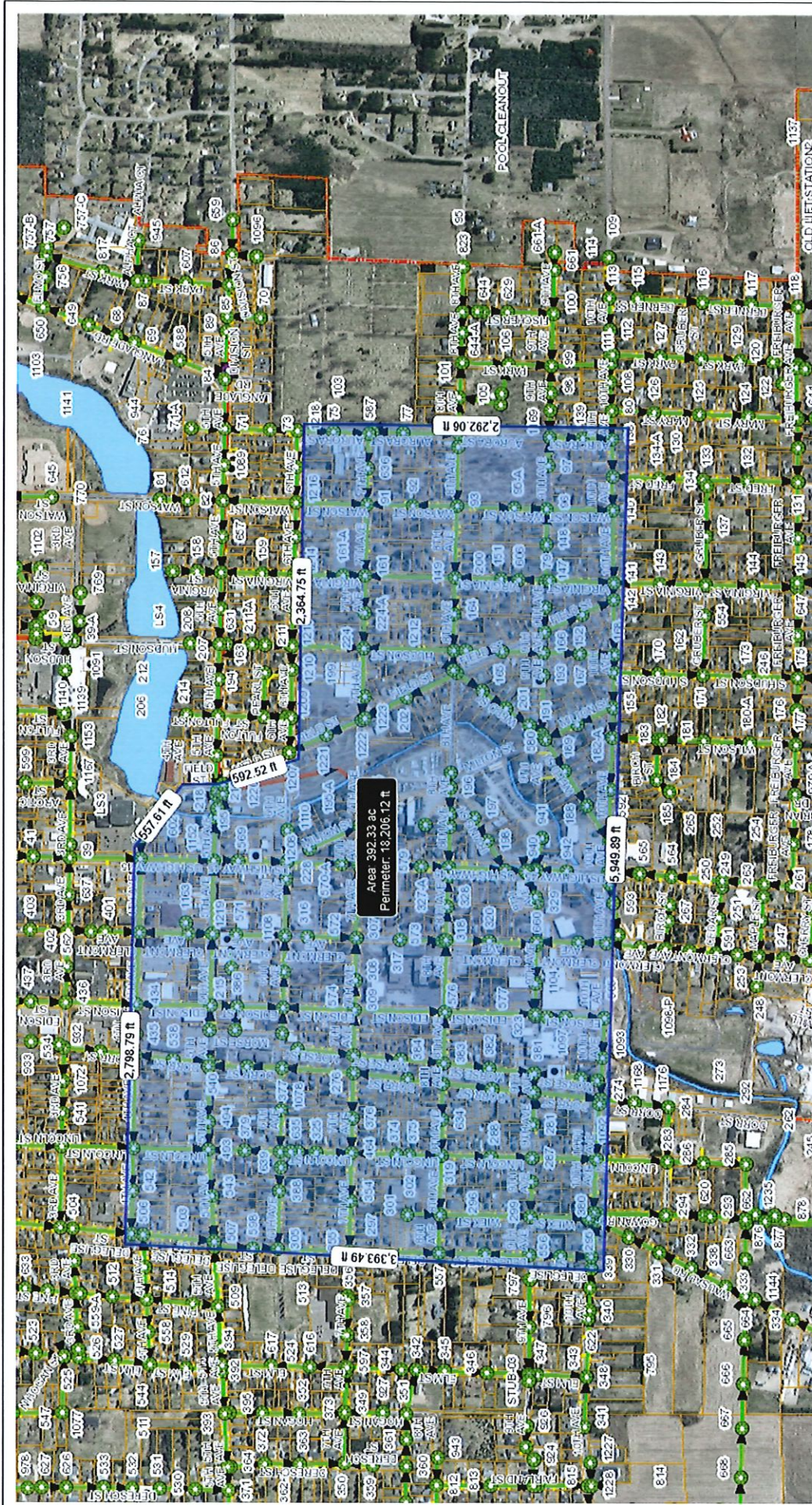
If smoke should enter your building during the smoke testing program, please note the location of the smoke and inform one of our inspectors who will be canvassing the area or call the number at the bottom of this card to arrange an inspection. Any and all smoke that may enter your building will dissipate at a more rapid rate if windows and/or doors are opened.

Please notify us before we conduct the test if you have any of the following situations:

- Dogs, cats, birds or pets that will be confined alone in the building during the test.
- A person who will be alone and is an invalid or sleeping during the test.
- Any individuals with respiratory problems who will be in the building.
- Elderly persons who will be alone and might be alarmed or confused if they see smoke.

If you have any of these situations, or have questions regarding the smoke testing program, call:

Director of Public Works
City of
(715)



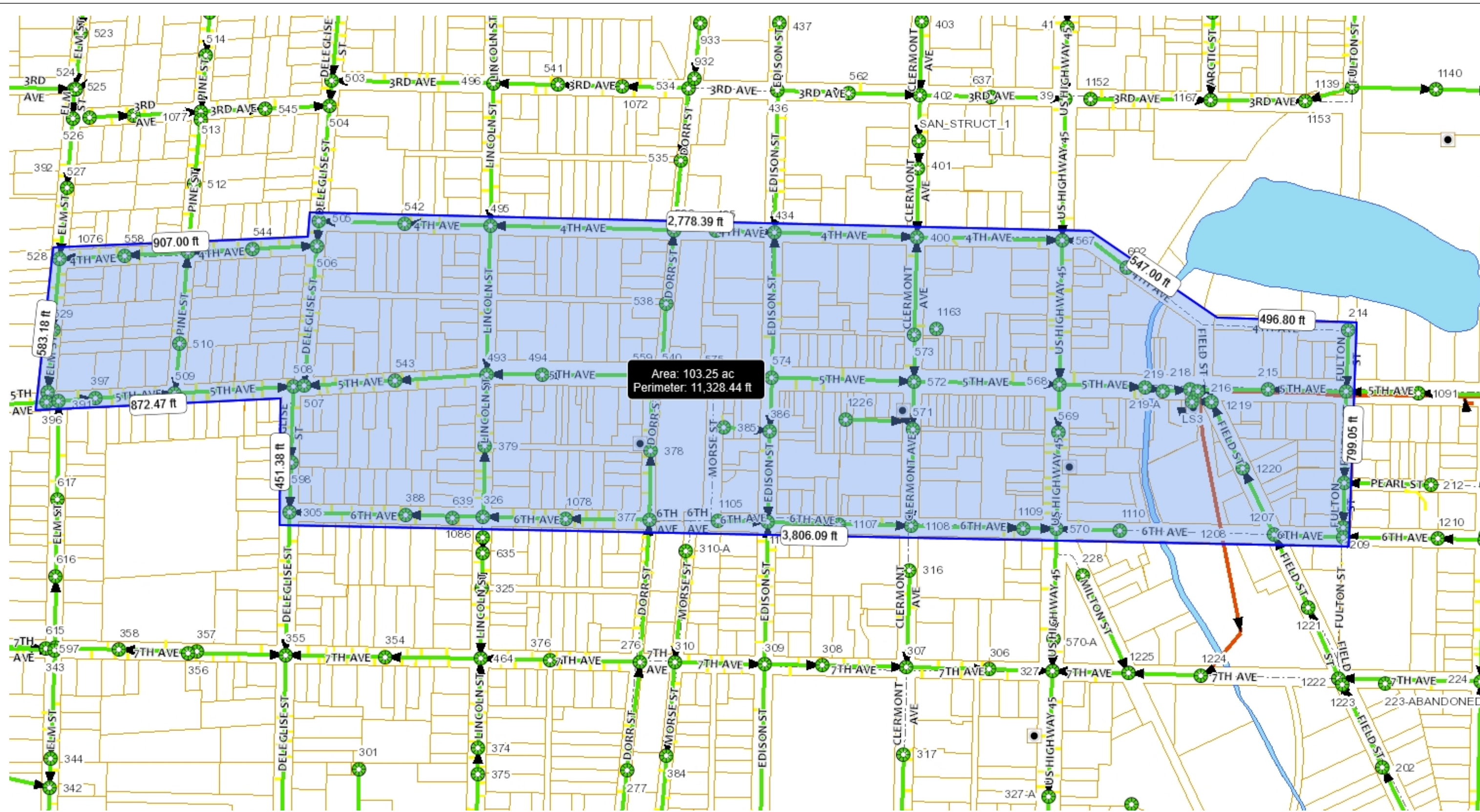
Print Date: 1/9/2019



SCALE: 1" = 667'

City of Antigo GIS

DISCLAIMER: The City of Antigo does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



City of Antigo GIS



SCALE: 1" = 333'



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Print Date: 4/11/2019



To: Mayor and City Council
From: Mark Desotell, Director of Administrative Services
Date: April 24, 2019
Re: Professional Service agreement with Reukert & Mielke for 2019 Smoke Testing of the Sanitary Sewer System Essentially in an area bound by 4th Ave to 10th Ave and from Lincoln Street to Arctic Street

Based on the presentation made by Taryn Nall of Ruekert & Mielke and as the result of staff meetings regarding the potential benefits of the smoke testing proposal it is my recommendation to enter into a professional services agreement for the 2019 smoke testing of the sanitary sewer system. This effort will help to identify infiltration problem areas for future consideration of repairs to separate the clear-water from the sanitary flow to our wastewater treatment plant. Any of your comments/concerns will either be mitigated during the presentation made by Ruekert & Mielke prior to your final consideration or this proposal will be modified accordingly and returned for future consideration by the Committee.

The proposed fees for the 2019 smoke testing of the +/- 400 acre area centered on the City's Downtown corridor are being presented at \$15,000 and includes the requirement of field assistance from the City's Street and engineering staff.

An alternate (reduced study area) concentrating on just the main Downtown corridor is also attached and will be discussed during the presentation. If selected, this option will be for a +/- 100 acre area at a revised rate for services.