



July 18, 2025

Cathy Hasslinger
Clerk-Treasurer/Business Manager
Town of Dunn
4156 County Road B
McFarland, WI 53558

Subject: Town of Dunn Sanitary District No. 1 – Defective Sanitary Sewer Laterals Update

Dear Cathy:

The Town of Dunn Sanitary District No. 1 *Wastewater Collection System Facilities Plan* prepared by Mead & Hunt has been approved by the Wisconsin Department of Natural Resources. The final item included in the scope of services for that project was to provide the District with a “list of properties and associated maps identifying potential locations of defective private sewer laterals throughout the Sanitary Sewer Service Area.” Enclosed with this cover letter, we have prepared four (4) maps that show the likely locations of defective sewer laterals where they connect with the District’s sanitary sewer mains. These maps were prepared using lengths measured by HK Solutions Group during sewer televising completed in 2023 and by review of the original sanitary sewer plans and as-builts from the 1970s.

The enclosed maps indicate land parcels where defective private sewer laterals are possibly located. Nineteen (19) laterals appear to have major defects, which the District should prioritize for repair. Eighteen (18) of these laterals are indicated by properties that are shaded in **red** on the maps. One (1) lateral with major defects does not appear to be associated with an existing residential property. This lateral is located along 3rd Street between Manholes 50 and 51 and is indicated by a leader and text on Map 2 of 4. We assume this is a collapsed lateral pipeline or cap that was originally installed in the 1970s, and the adjacent property was never developed due to nearby wetlands.

Another forty-five (45) properties with lower priority lateral defects are indicated by **yellow** shading. These laterals should also be considered for repair but appear less likely to be contributing to excessive infiltration and inflow or sewer main blockages at this time.

On map 1 of 4, we indicated the location where it appears a small diameter pipe or similar object was installed through the walls of the existing sewer main, causing infiltration of clear water into the sewer. This location is currently planned to be repaired as part of the upcoming DNR Clean Water Fund Program project in 2026. Although this is not a lateral defect, it is included with our documentation in case the District feels the need to contact the property owner prior to the start of the 2026 project.

Defective Sanitary Sewer Laterals Update

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Limitations

Please note that the list of properties with possible lateral defects was prepared with information that could be subject to error, including:

- length measurements recorded by sewer televising cameras,
- manhole locations recorded by GPS, and
- lateral locations indicated by sewer plans from the 1970s.

Also, the camera view of the individual laterals inside the sewer mains is limited. During the televising in 2023, the cameras were only able to view the outlet of the laterals where the pipelines enter the mains. Therefore, the cameras were not able to evaluate the entire length of the lateral. The camera view at certain locations in the sewer mains was also sometimes blocked by roots, deposits, or underwater submersion.

Recommendations

Mead & Hunt recommends contacting each property owner with a possible sewer lateral defect. Repairing and/or replacing these laterals will help prevent infiltration and inflow of clear water into the District's existing sanitary sewer mains. This will reduce wastewater pumping and save operation and maintenance costs at the District's lift stations and reduce wastewater treatment fees charged by MMSD. Repair and/or replacement of these laterals may also help prevent possible sewer backups in identified homes and buildings.

Please note that due to the limitations of this mapping effort, property owners should consider having their lateral televised to determine the extent and severity of possible defects prior to construction. Property owners and contractors are responsible for verifying the location of the lateral outlet or tap into the sewer main, the point of connection of the lateral at the associated home or building, the lateral pipeline length, diameter, and bury depth, etc. Additional verification is required since the locations shown on the enclosed maps are only a "best estimate" of where the underground laterals may be.

To help aid the District's efforts in addressing these defective sewer laterals, we have enclosed photographs of all the laterals with major defects and provided a list of contractors who may be able to assist with televising, cleaning, repair, and/or replacement of these laterals. See Attachments #2 and #3 for more information.

It is recommended that the District send a representative to inspect repaired and/or replaced laterals. In addition, the District should consider keeping an inventory or written log of lateral modifications, including photographs, as they are completed.

Defective Sanitary Sewer Laterals Update

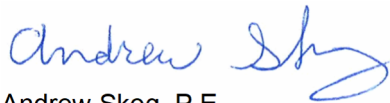
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We hope this information is helpful and aids the District in reducing infiltration and inflow and preventing unplanned maintenance due to sewer backups. Please contact me by phone at (608) 443-0546 or by email at andrew.skog@meadhunt.com if you have any questions or require additional information regarding the documentation that has been provided.

Sincerely,

MEAD & HUNT, Inc.



Andrew Skog, P.E.

Civil Engineer/Project Manager

Attachment #1 – Town of Dunn SD 1 Defective Sanitary Laterals Maps

Attachment #2 – Photographs from Properties with Major Defects

Attachment #3 – List of Potential Contractors to Complete Repairs

cc: Erik Greenfield, Town of Dunn

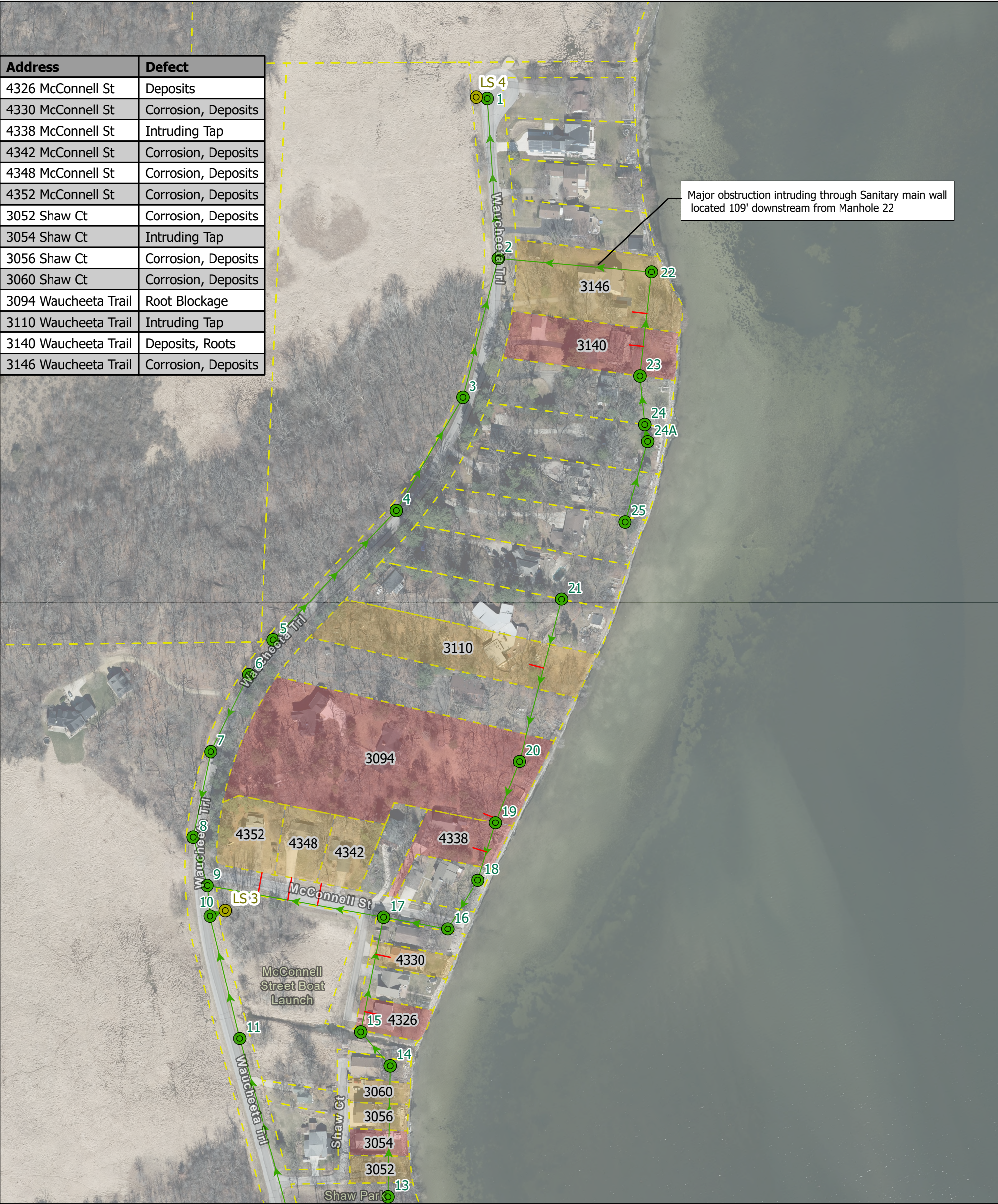
Dan Paltz, Town of Dunn Sanitary District No. 1

Attachment #1

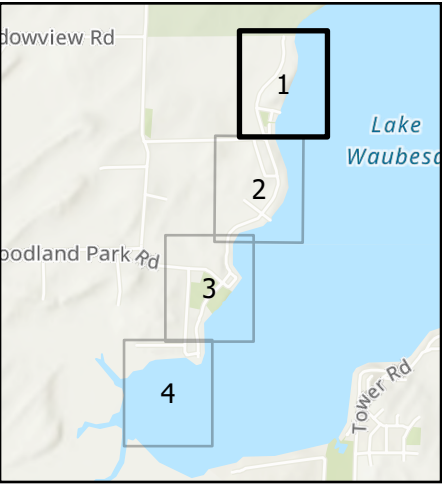
Town of Dunn SD 1 Defective Sanitary Laterals Maps

Town of Dunn SD 1 Defective Sanitary Laterals

Address	Defect
4326 McConnell St	Deposits
4330 McConnell St	Corrosion, Deposits
4338 McConnell St	Intruding Tap
4342 McConnell St	Corrosion, Deposits
4348 McConnell St	Corrosion, Deposits
4352 McConnell St	Corrosion, Deposits
3052 Shaw Ct	Corrosion, Deposits
3054 Shaw Ct	Intruding Tap
3056 Shaw Ct	Corrosion, Deposits
3060 Shaw Ct	Corrosion, Deposits
3094 Waucheeta Trail	Root Blockage
3110 Waucheeta Trail	Intruding Tap
3140 Waucheeta Trail	Deposits, Roots
3146 Waucheeta Trail	Corrosion, Deposits



Path: X:\4667716\241357.01\TECH\GIS\Defective Laterals\Defective Laterals.aprx



Legend

- Lift Stations

Sanitary Manholes

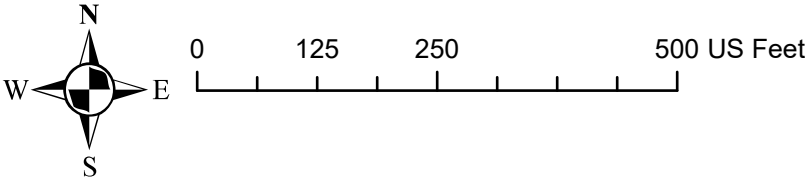
Defective Laterals
- Sanitary Main

Lots w/ Defective Laterals

Defects

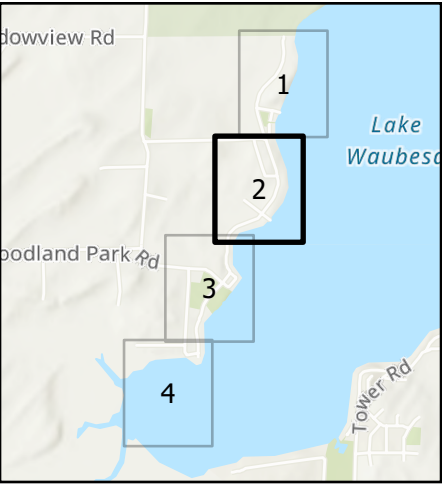
Major Defects

Parcels



Disclaimer: Locations of defective laterals as shown on the map are approximate based on sewer televising completed by HK Solutions Group in December 2023. Landowner(s)/Contractor(s) are responsible for verifying the location and the type of repair needed prior to completing repairs

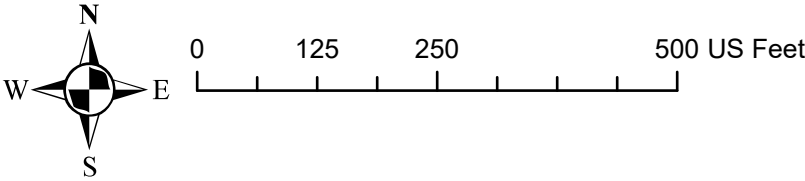
Town of Dunn SD 1 Defective Sanitary Laterals



Legend

- Lift Stations
- Sanitary Manholes
- Defective Laterals

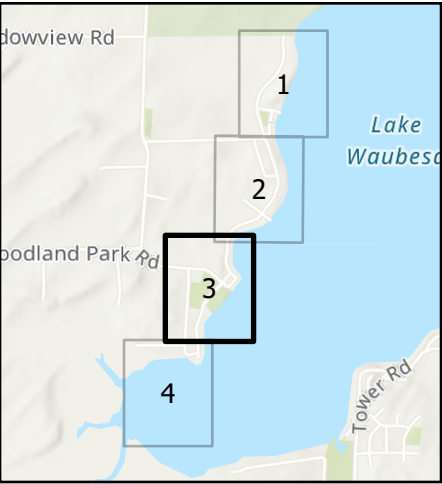
- Sanitary Main
- Lots w/ Defective Laterals
- Defects
- Major Defects
- Parcels



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Town of Dunn SD 1 Defective Sanitary Laterals

Address	Defect
2800 Berkan St	Corrosion
2807 Berkan St	Corrosion
2811 Berkan St	Corrosion
2832 Berkan St	Corrosion, Deposits
4423 Goodland Park Rd	Corrosion
2865 Lakeside St	Deposits
2866 Lakeside St	Corrosion, Deposits
2803 Waubesa Ave	Corrosion
2830 Waubesa Ave	Deposits
2889 Waubesa Ave	Corrosion, Deposits
2894 Waubesa Ave	Significant Inflow
2910 Waubesa Ave	Deposits



Legend

- Lift Stations

Sanitary Manholes

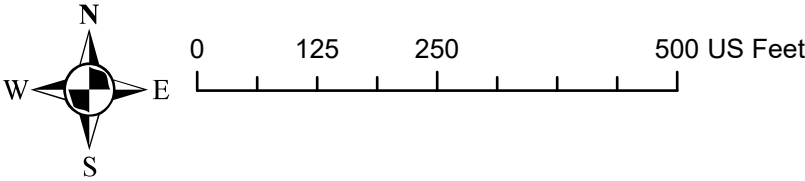
Defective Laterals
- Sanitary Main

Lots w/ Defective Laterals

Defects

Major Defects

Parcels

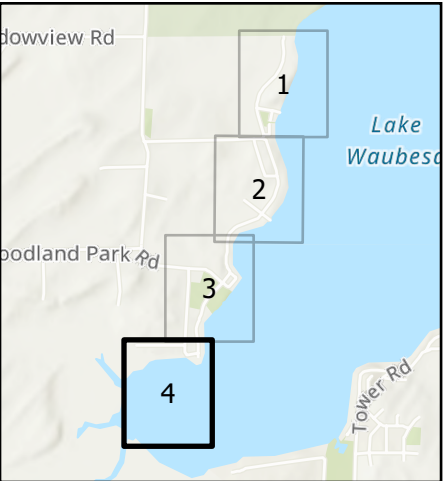


Disclaimer: Locations of defective laterals as shown on the map are approximate based on sewer televising completed by HK Solutions Group in December 2023. Landowner(s)/Contractor(s) are responsible for verifying the location and the type of repair needed prior to completing repairs

Town of Dunn SD 1 Defective Sanitary Laterals



Address	Defect
4433 Beale St	Corrosion
4437 Beale St	Corrosion, Deposits
4445 Beale St	Corrosion
4451 Beale St	Corrosion, Deposits
4455 Beale St	Corrosion, Deposits
4457 Beale St	Corrosion
4461 Beale St	Corrosion
4463 Beale St	Corrosion



Legend

- Lift Stations

Sanitary Manholes

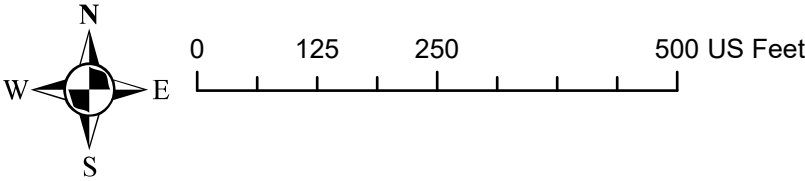
Defective Laterals
- Sanitary Main

Lots w/ Defective Laterals

Defects

Major Defects

Parcels



Disclaimer: Locations of defective laterals as shown on the map are approximate based on sewer televising completed by HK Solutions Group in December 2023. Landowner(s)/Contractor(s) are responsible for verifying the location and the type of repair needed prior to completing repairs

Attachment #2

Photographs from Properties with Major Defects

Attachment #2 – Photographs from Properties with Major Defects

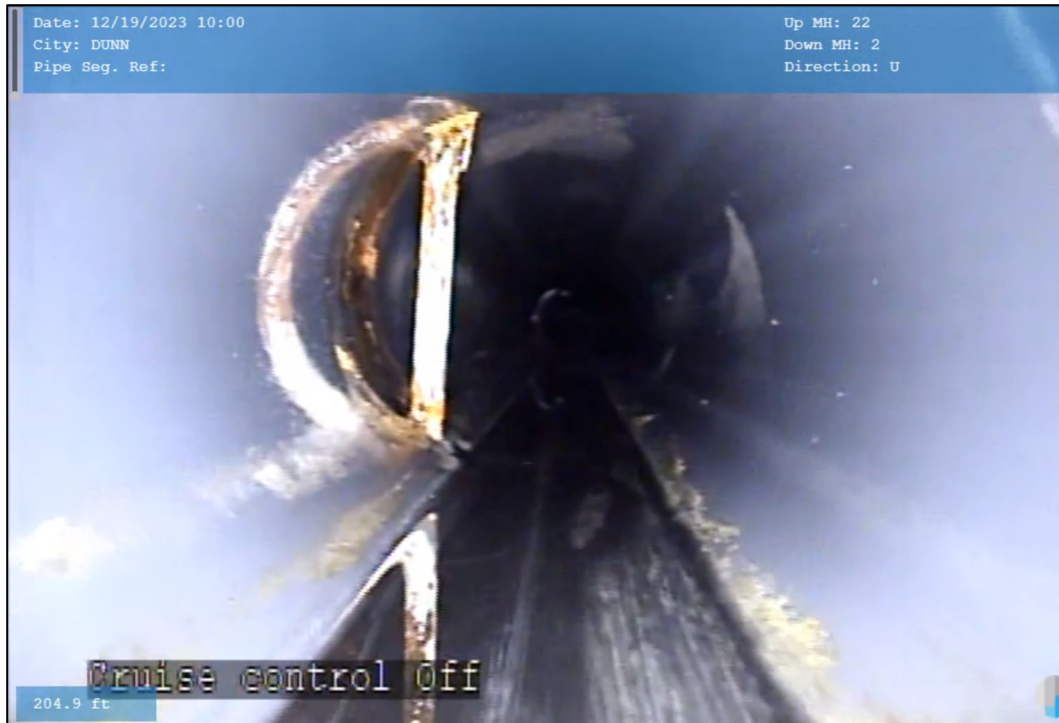


Figure 1: Obstruction through sanitary sewer main pipe wall with infiltration.
Upstream Manhole: 22, Downstream Manhole: 2
Address: 3146 Waucheeta Trail



Figure 2: Defective lateral with corrosion and deposits.
Upstream Manhole: 23, Downstream Manhole: 22
Address: 3140 Waucheeta Trail

Attachment #2 – Photographs from Properties with Major Defects



Figure 3: Defective lateral with root blockage.
Upstream Manhole: 20, Downstream Manhole: 19
Address: 3094 Waucheeta Trail



Figure 4: Lateral with tap intruding into sanitary sewer main.
Upstream Manhole: 19, Downstream Manhole: 18
Address: 4338 McConnell St.

Attachment #2 – Photographs from Properties with Major Defects

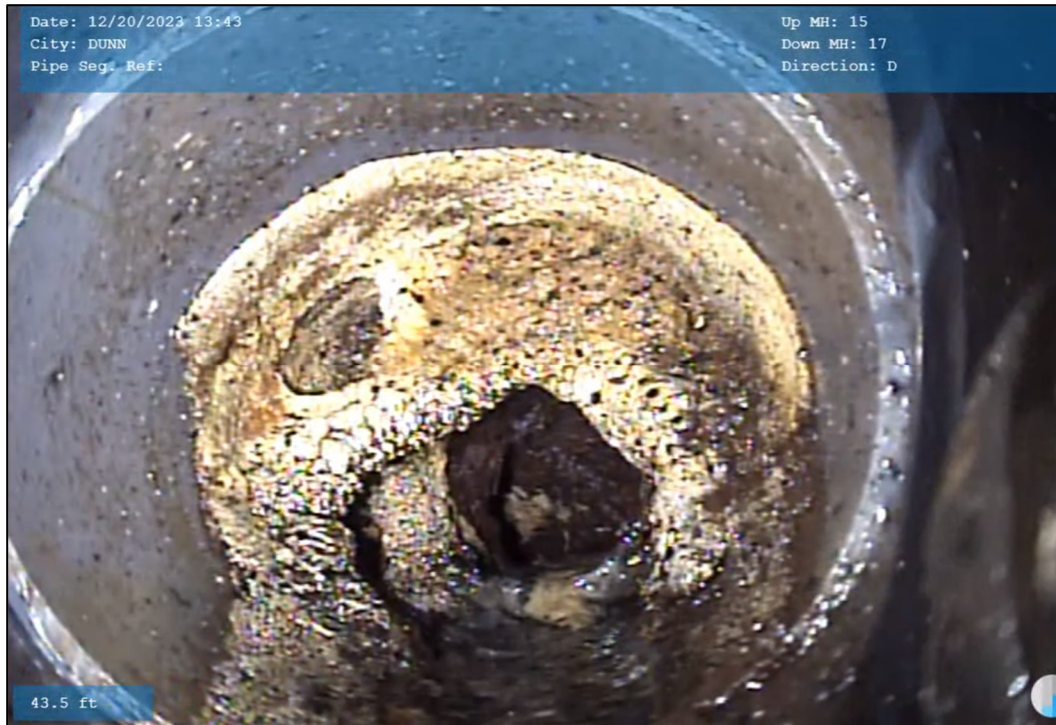


Figure 5: Defective lateral with deposits/blockage.
Upstream Manhole: 15, Downstream Manhole: 17
Address: 4326 McConnell St.



Figure 6: Defective lateral with broken/intruding tap and infiltration.
Upstream Manhole: 13, Downstream Manhole: 14
Address: 3054 Shaw Ct.

Attachment #2 – Photographs from Properties with Major Defects

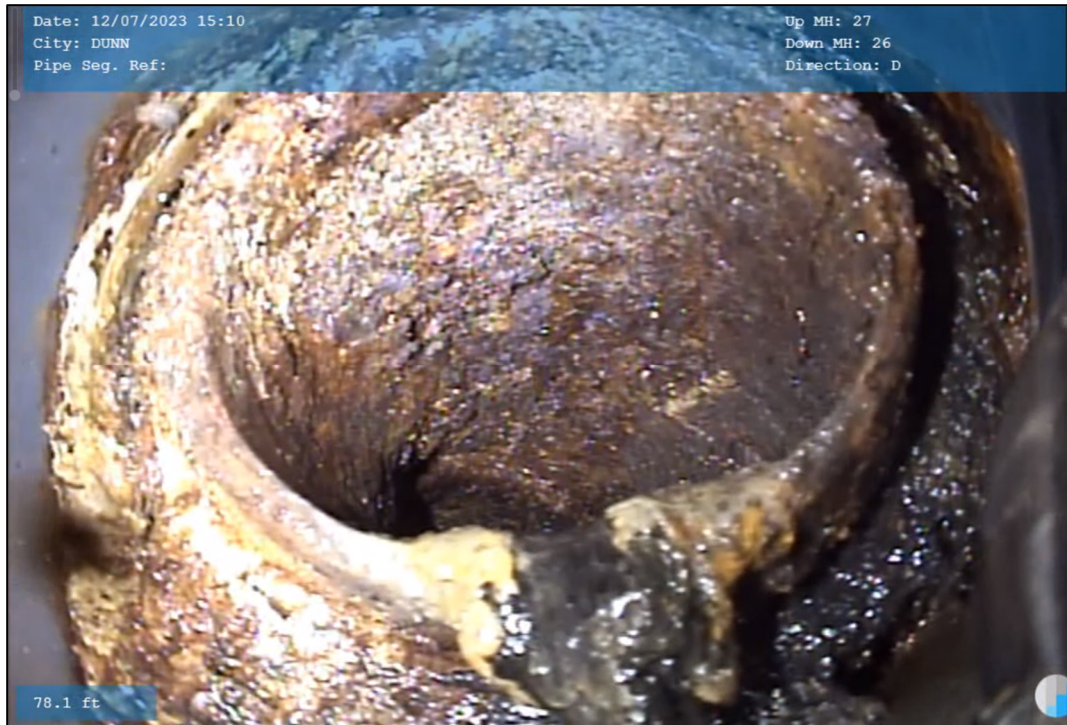


Figure 7: Defective lateral with corrosion and deposits.
Upstream Manhole: 27, Downstream Manhole: 26
Address: 4377 Alma Rd.



Figure 8: Defective lateral with root blockage.
Upstream Manhole: 33, Downstream Manhole: 13
Address: 3036 Waubesa Ave.

Attachment #2 – Photographs from Properties with Major Defects

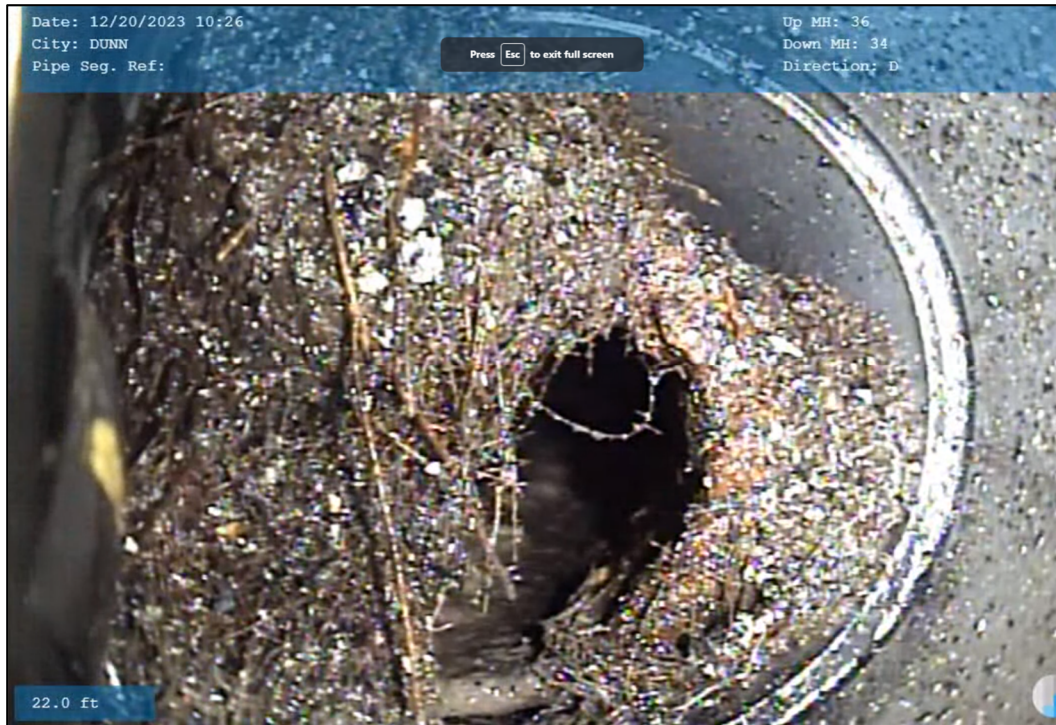


Figure 9: Defective lateral with root blockage.
Upstream Manhole: 36, Downstream Manhole: 34
Address: 3010 Waubesa Ave.



Figure 10: Defective lateral with intruding tap and possible infiltration.
Upstream Manhole: 38, Downstream Manhole: 37
Address: 3004 Waubesa Ave.

Attachment #2 – Photographs from Properties with Major Defects

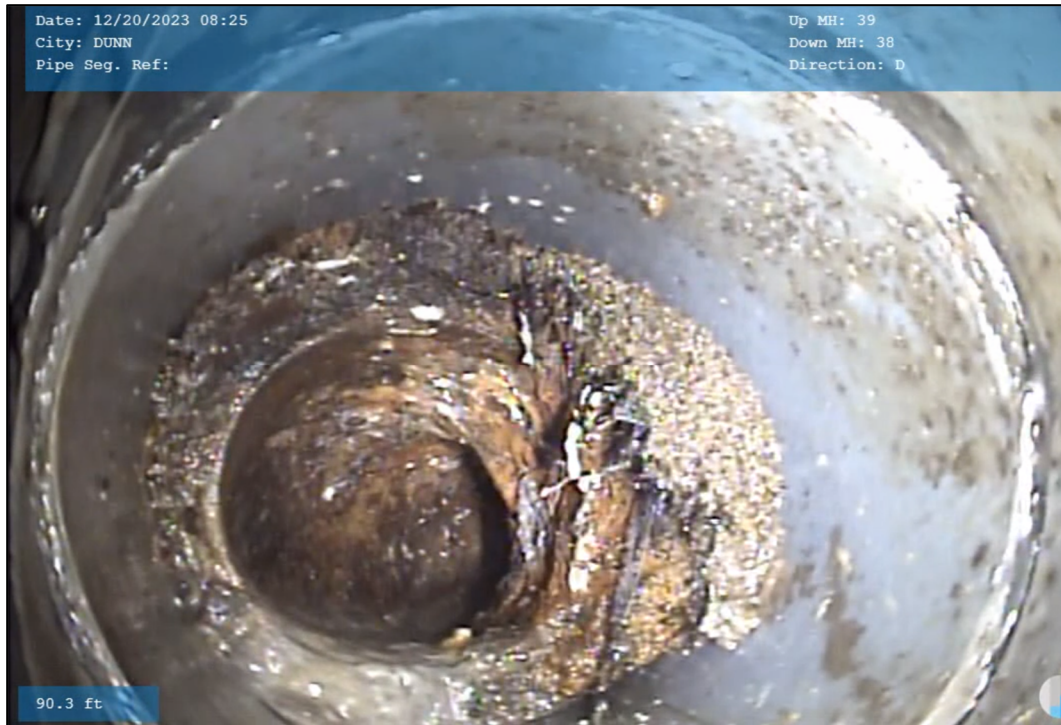


Figure 11: Defective lateral with corrosion, deposits, and roots.
Upstream Manhole: 39, Downstream Manhole: 38
Address: 2998 Waubesa Ave.

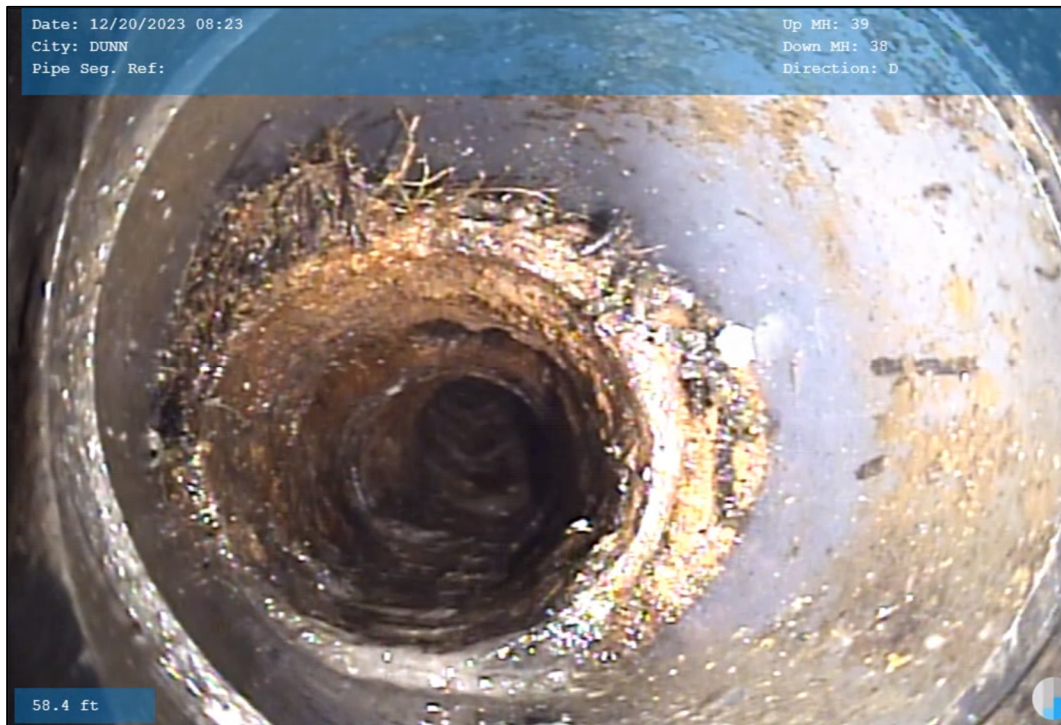


Figure 12: Defective lateral with corrosion, deposits, and roots.
Upstream Manhole: 39, Downstream Manhole: 38
Address: 2996 Waubesa Ave.

Attachment #2 – Photographs from Properties with Major Defects

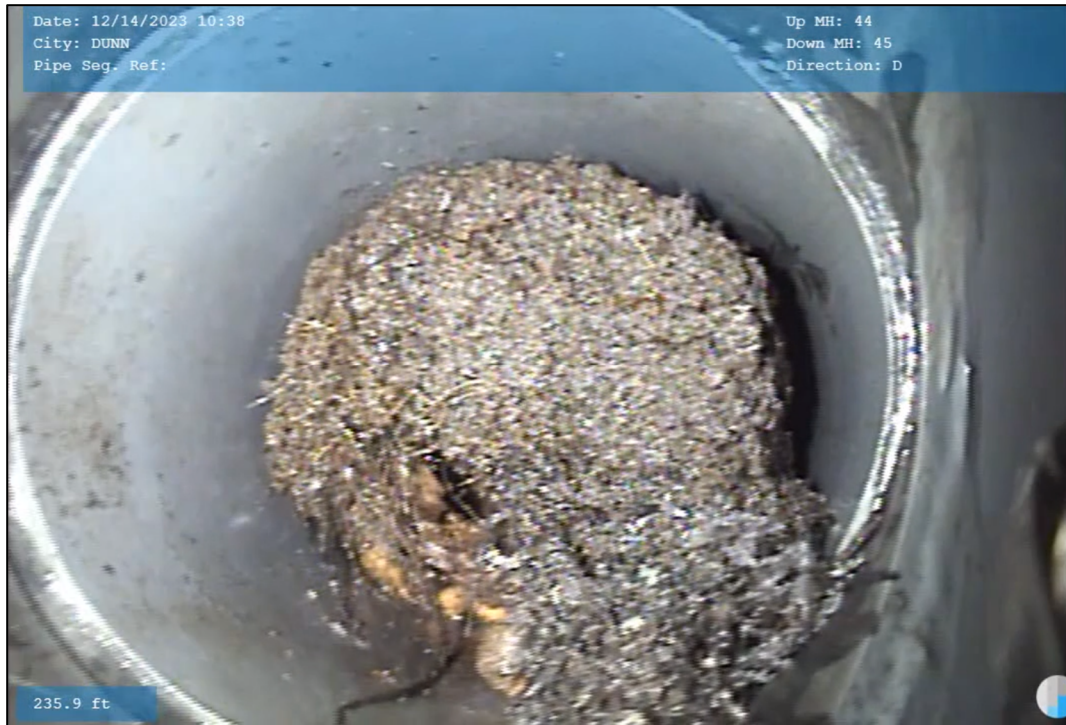


Figure 13: Defective lateral with root blockage.
Upstream Manhole: 44, Downstream Manhole: 45
Address: 2976 Waubesa Ave.

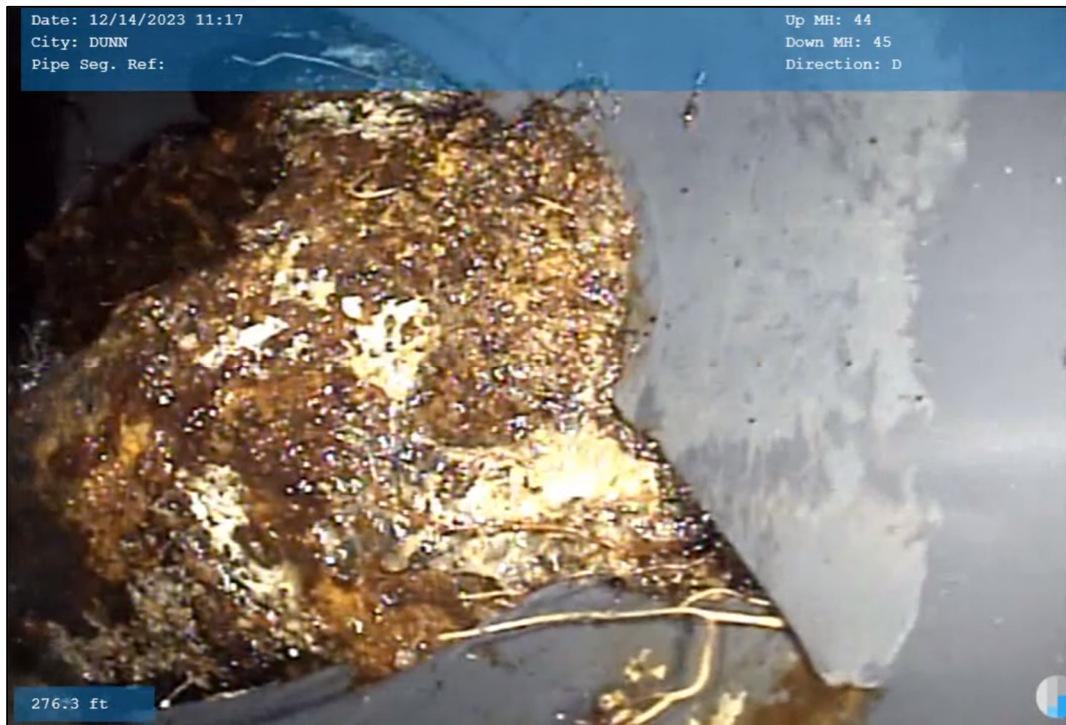


Figure 14: Defective lateral with broken/intruding tap .
Upstream Manhole: 44, Downstream Manhole: 45
Address: 2974 Waubesa Ave.

Attachment #2 – Photographs from Properties with Major Defects

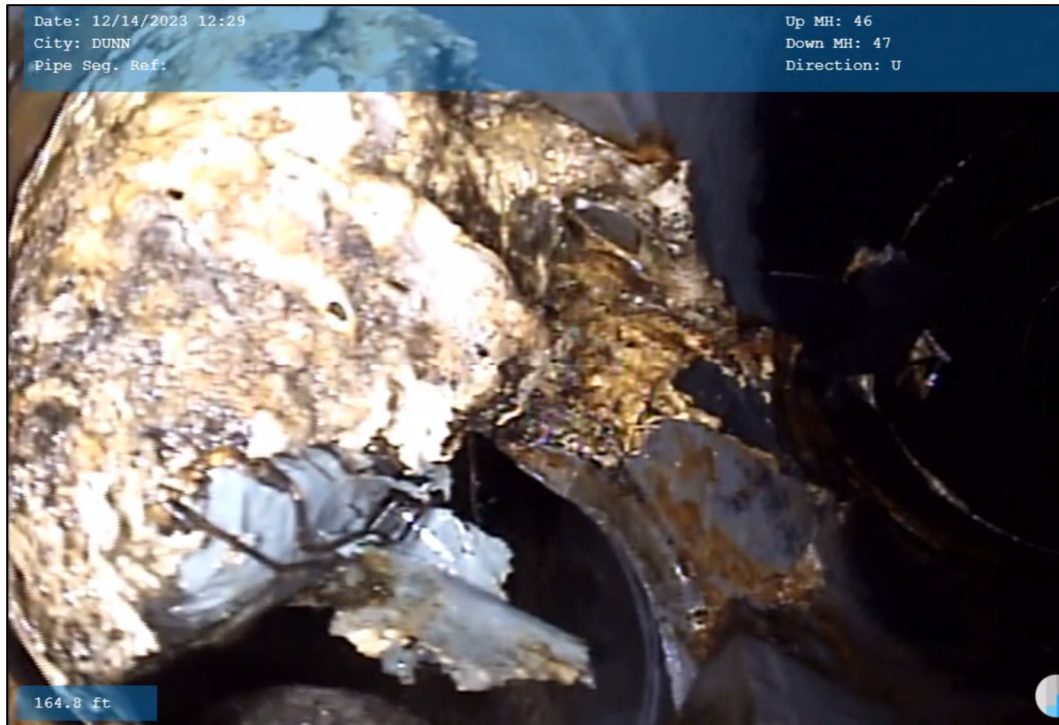


Figure 15: Defective lateral with broken/intruding tap and deposits.
Upstream Manhole: 46, Downstream Manhole: 47
Address: 2966 Waubesa Ave.

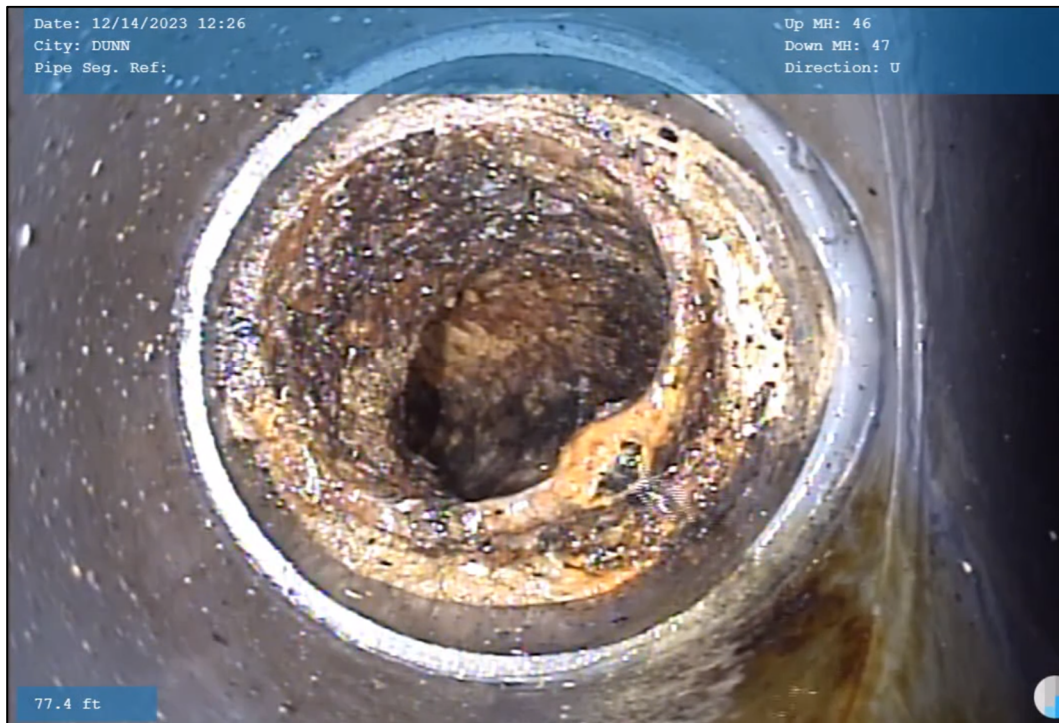


Figure 16: Defective lateral with corrosion and deposits.
Upstream Manhole: 46, Downstream Manhole: 47
Address: 2964 Waubesa Ave.

Attachment #2 – Photographs from Properties with Major Defects



Figure 17: Defective lateral with corrosion and deposits.
Upstream Manhole: 47, Downstream Manhole: 48
Address: 2960 Waubesa Ave.

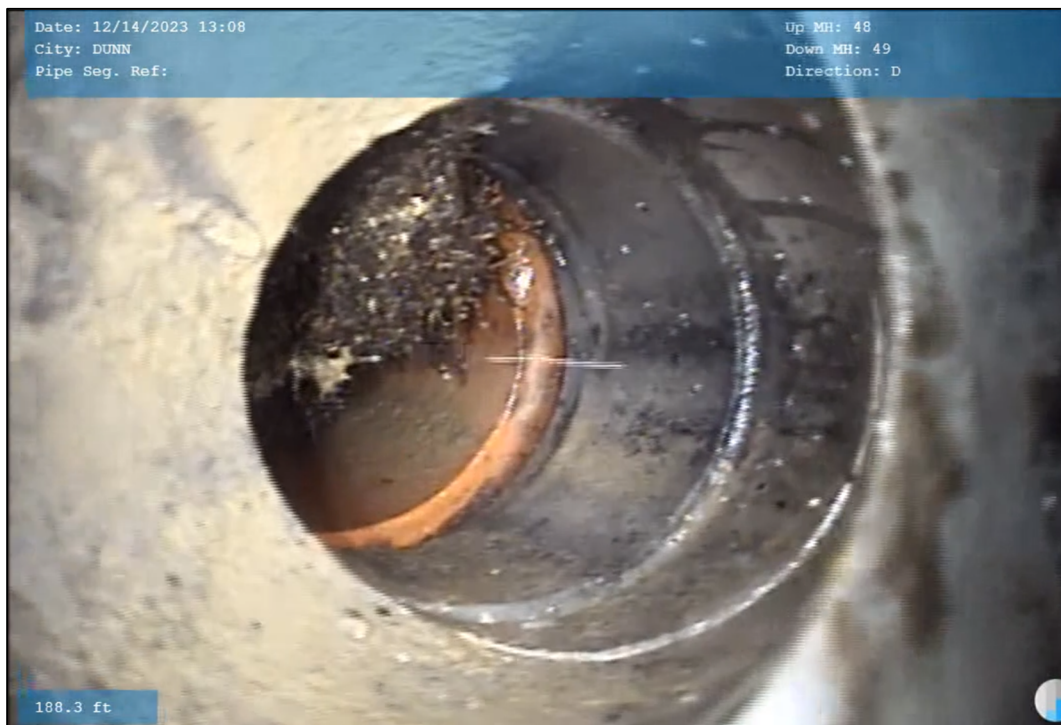


Figure 18: Defective lateral with root blockage.
Upstream Manhole: 48, Downstream Manhole: 49
Address: 2954 Waubesa Ave.

Attachment #2 – Photographs from Properties with Major Defects

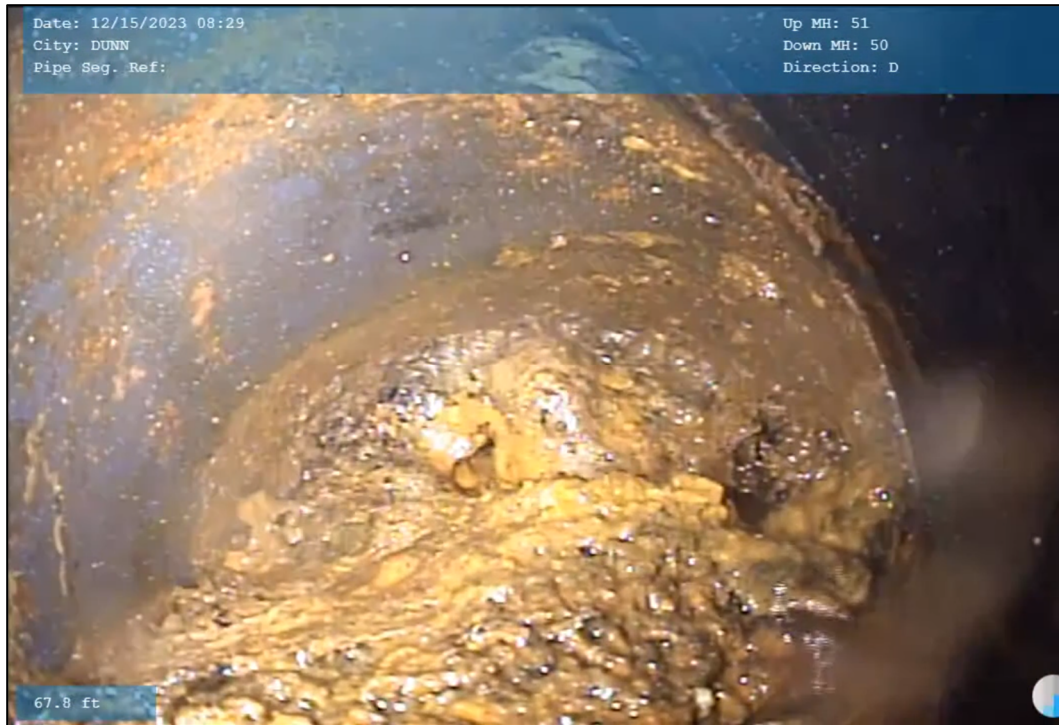


Figure 19: Possible lateral pipe or cap collapse.
Upstream Manhole: 51, Downstream Manhole: 50
Address: None



Figure 20: Possible lateral break with significant inflow/infiltration.
Upstream Manhole: 61, Downstream Manhole: 60
Address: 2894 Waubesa Ave.

Attachment #3

List of Potential Contractors to Complete Repairs

Attachment #3 – List of Potential Contractors to Complete Repairs

Televising, Cleaning, Root Removal, Lining:

McCann's Underground
611 N Burr Oak Ave
Oregon, WI 53575
<https://www.mccannsunderground.com/>
(608) 835-7767

Exterior Plumbing (Single Residential Lateral Replacements)

Avid Plumbing LLC
818 Post Rd.
Madison, WI 53713
<https://avidplumbing.com/>
(608) 856-2839

Monona Plumbing & Fire Protection, Inc.
3126 Watford Way
Madison, WI 53713
<https://www.mononapfp.com/>
(608) 330-4451

Large Scale Projects (Multiple Residential Lateral Replacements)

Badgerland Excavating Corp.
P.O. Box 258018
Madison, WI 53725
<https://badgerlandexcavating.com/>
(608) 354-5442

Capitol Underground
782 Lois Dr
Sun Prairie, WI 53590
<https://www.capitolunderground.net/index.html>
(608) 318-1595

Maddrell Excavating
W6886 State Road 11
Monroe, WI 53566
[\(608\) 325-6880](https://www.maddrellexcavating.com/)

Attachment #3 – List of Potential Contractors to Complete Repairs

Mandt Sandfill Trucking & Excavating

2079 County Highway MM

Fitchburg, WI 53575

<https://www.mandsandfill.com/>

(608) 835-3630