

City of Venice Utilities Infrastructure Sewer Cleanout

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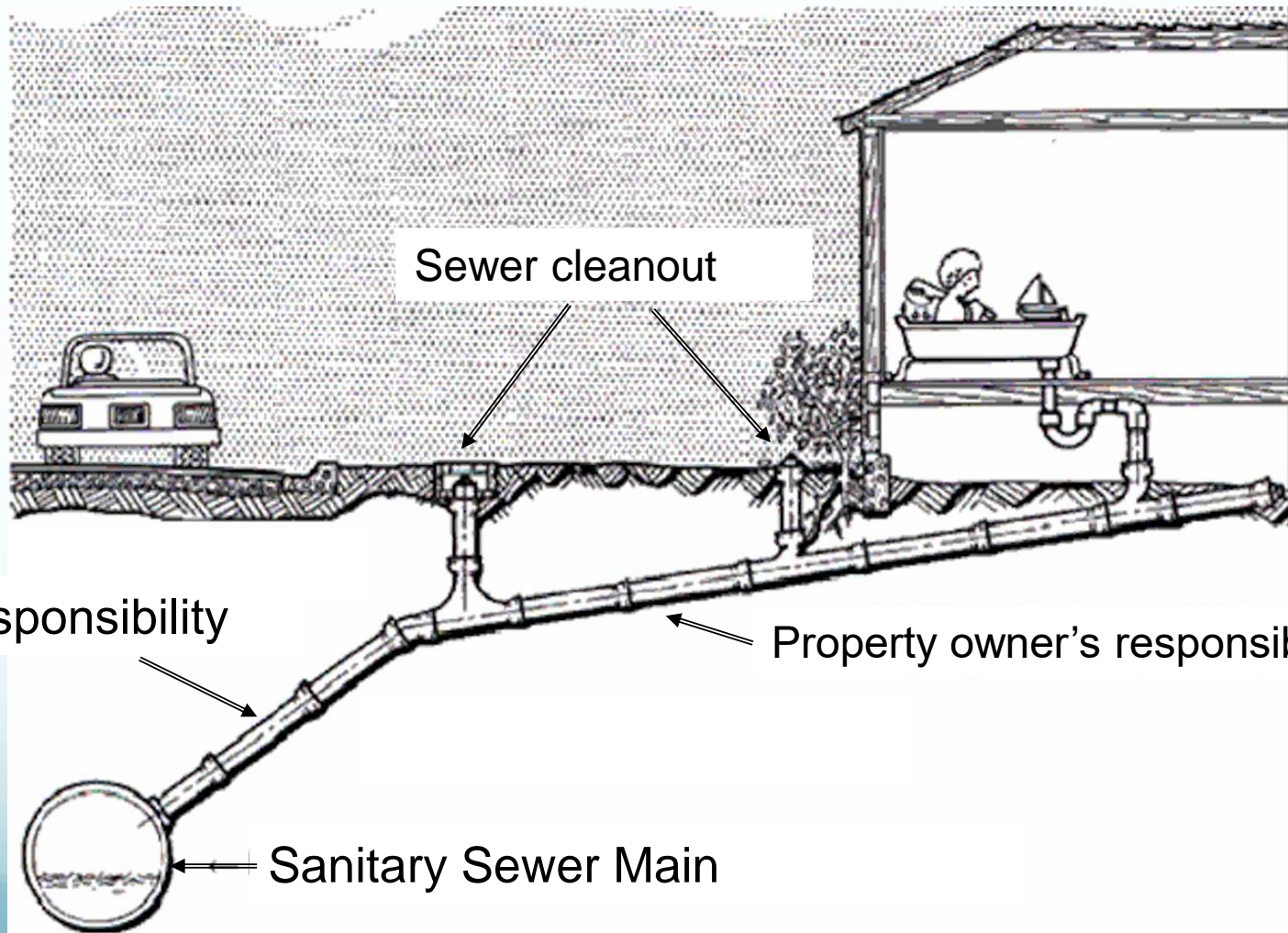
Sewer Cleanout & Lateral

- A sewer cleanout is a pipe with a cap that provides access to the sewer line so that blockages can be removed.



- The lateral sewer line is the sewer line that connects your home to the public sewer system

Typical Installation



What's a Sewer Cleanout?



What's a Sewer Cleanout?



Background

- Recent changes to Section 74-127 Maintenance responsibilities of city and property owner of sewer line between the property line and the main.
- Currently the city's maintenance responsibility begins at the property line regardless if there is a sewer cleanout present.
- These changes create some issues for the Utilities Department impacting our ability to provide our residents timely service repairs.

Issues / Opportunities

- If there is a blockage in the sewer service lateral and no cleanout is available then there are limited options for clearing the blockage or finding out where the blockage is.
- One option is to enter the pipe using equipment from the private residence side, which is not an option for City of Venice employees, and can only be done by a private plumber hired by the property owner.
- The best option is to dig up the sewer service lateral at the property line and install a cleanout to provide access.

Issues / Opportunities

- The issue with this option is that we must call in Utility locates and have them marked prior to any excavation, and this locate marking process typically takes 48 hours or 24 hours if requested as an Emergency Locate.
- In the meantime, the resident will not be able to take a shower, do laundry, use the bathroom, etc.

Our Approach

- This is an opportunity to install cleanouts to sewer service laterals at the property line that do not have one. Estimated at 6,500 sewer connections.
- Enhance our Infiltration & Inflow [I&I] Program.
- Our intent is to address these recent changes in the most cost effective manner while providing high customer service and proactively repair/replace/enhance our Utilities Infrastructure.

Options

OPTION	DESCRIPTION	ESTIMATED UNIT COST
1	Do nothing [offer resident to pay for a plumber to do repairs]	\$600 - \$1000
2	Install cleanout at property line	\$500 / cleanout
3	Install cleanout, inspect both sides and repair public side (if needed) *	\$4000 - \$7000
4	Install cleanout, inspect and repair both sides **	\$8000 - \$10000

(*) inspection services will be offered to residents at no cost

(**) inspection and repair services will be offered to residents at no cost

Recommendation

- Option 4, for the following reasons:
 - Protects the Environment
 - Prevents sewer spills
 - Enhances City's I&I Reduction Program
 - Cost efficient alternative [Multi-Year Plan]
 - \$1.0M/year [Ok by Finance Dept.]