



## City of Owensville Private-Side Inflow and Infiltration Remediation Program

### Information Packet

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## General Information

This packet provides information regarding the City's Private-Side Inflow and Infiltration Remediation Program. If you have any additional questions, comments, or concerns, please do not hesitate to contact City Hall or one of the persons listed below.

The components of the City's sanitary sewer system ("system") are large enough to treat the amount of wastewater currently generated in the City. The City's treatment facility and sewer mains are not large enough, however, to also treat inflow and infiltration ("I/I"). Broadly defined as any water, other than wastewater, that enters the City's system, I/I is a problem because the system is not designed to convey and treat it. The I/I that enters the system is the main cause of overflows and bypasses which occur during wet weather events.

In many cities, including Owensville, the City is responsible for maintaining the public components of the system: the manholes, mains, lift stations, wastewater treatment plant, and all related appurtenances. Since July 1, 2015, the City has repaired almost 10,500 linear feet of sewer mains either by digging and replacing them with sections of new pipe, or by lining the mains with Cured in Place Piping.

The property owner is responsible for the private components: the sewer lateral, the lateral connection to the main, and all other components and appurtenances found in and around the home or business. If there are deficiencies in the sewer lateral (such as cracks or holes), or if unauthorized connections are draining into the system (such as sump pumps or basement floor drains), the property owner is responsible for correcting the problem.

This Program was established to promote and encourage property owners to make necessary repairs to the private components of the system. If each homeowner and business owner can address the sources of I/I on his or her property, the amount of water entering the system will be substantially reduced and the potential for overflows will be drastically decreased, thus providing an environmental benefit to the entire community. Although the City is responsible for the public components and the property owners are responsible for the private components, if we work together, we can significantly reduce I/I.

Thank you for your interest in improving our community. The repairs you make to your private sanitary sewer components will have a multiplying effect on improving the entire system.

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*This project was undertaken in connection with the settlement of an enforceable action by the Missouri Department of Natural Resources.*

## How the Program Works

Effective October 1, 2017, all City of Owensville sanitary sewer system users will be assessed a ten dollar (\$10.00) monthly sewer user fee, in order to cover the costs incurred by the City in maintaining the sanitary sewer system, and to repair damages caused by I/I. This monthly user fee will be included on the monthly water and sewer bill and will be assessed in addition to the monthly utility charges. This monthly user fee will increase annually until October 1, 2020 at which time it will remain the same for all following years, unless otherwise changed by the City. The surcharge will continue to be assessed until all identified deficiencies contributing to inflow and infiltration are remedied.

The monthly sewer user fee will increase annually as listed below for all users who do not make the necessary repairs to the private components of the sewer system.

- October 1, 2017                      \$10.00 per month
- October 1, 2018                      \$15.00 per month
- October 1, 2019                      \$20.00 per month
- October 1, 2020 and beyond      \$25.00 per month

In order to have this user fee waived, the property owner must follow the following steps. Those property owners who complete these tasks prior to October 1, 2017 will not be assessed the sewer user fee.

1. Allow City crews to complete a Sanitary Sewer Inspection to identify deficiencies in the private-side components of the sanitary sewer system.
2. Satisfactorily repair the identified deficiencies by a trained and qualified plumber or contractor.
3. Allow City crews to perform a Final Inspection to confirm repairs were sufficiently completed.
4. If repairs are sufficient, the sewer user fee will be removed from the bill. If the repairs are not sufficient, the sewer user fee will continue to be assessed until sufficiently repaired.

To schedule a Sanitary Sewer Inspection at your home or business, please complete the included Private-Side Inflow and Infiltration Application for Inspection form and return it to City Hall. Upon receipt, a representative from the City will call to schedule an inspection. Inspections will be scheduled on a first-come, first-served basis based on availability of both the City crews and the property owner. Every effort will be made to ensure the inspection is scheduled at an acceptable time for the property owner and/or occupants.

To assist property owners afford the required repairs, the City has developed the Supplemental Environmental Project (SEP). The SEP is a financial reimbursement tool that offers up to fifty percent (50%) reimbursement, not to exceed five hundred dollars (\$500.00), of the total cost of repairs. For more information about the SEP, please contact City Hall.

Once the repairs have been completed, property owners simply need to call City Hall or the Water & Sewer Department at 573-437-2125 to schedule a Final Inspection. During the Final Inspection, the City crew will determine if the repairs made have sufficiently reduced the property's contributions to inflow and infiltration. If the repairs are sufficient, notice will be given to the property owner and the sewer user fee will be removed from the monthly utility bills.

Also included in this packet is a copy of the Sanitary Sewer Inspection guideline sheet. This is the form City crews will use when evaluating your home or business and it is provided to you for your information. You will be provided with a copy of the completed form shortly after your inspection is finished.



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107 West Sears Avenue  
Owensville, Mo 65066

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### Private-Side Inflow and Infiltration Application for Inspection

The undersigned Applicant(s) hereby certify and warrant that they are legally competent to sign this Application either because they have the exclusive ownership of the real property described herein (“Property”), or because they have been given the authority to submit this Application by nature of their employment.

Complete Property Address: \_\_\_\_\_  
\_\_\_\_\_

The undersigned Applicant(s) hereby request the City of Owensville to schedule and conduct an inspection(s) of the above-mentioned property for deficiencies in the private components of the sanitary sewer system. Upon submission of this Application, City representatives will make contact with the Applicant(s) to schedule an inspection.

Application Date: \_\_\_\_\_

Printed Name(s): \_\_\_\_\_  
\_\_\_\_\_

Signature(s): \_\_\_\_\_  
\_\_\_\_\_

Telephone Number(s): \_\_\_\_\_

Preferred Inspection Times: \_\_\_\_\_

*For residential properties: if an Owner does not reside at the property, please provide a phone number and mailing address where an Owner can be reached and contact information for the occupants of the property on the back of this Application.*

# BUILDING INSPECTION

Date: \_\_\_/\_\_\_/\_\_\_ City of Owensville, MO Crew: \_\_\_\_\_

Line Segment: ( \_\_\_\_\_ ) \_\_\_\_\_ Upstream To ( \_\_\_\_\_ ) \_\_\_\_\_ Downstream

Occupant: \_\_\_\_\_ Owner: \_\_\_\_\_

Address: \_\_\_\_\_ Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Status: \_\_\_\_\_ Phone: \_\_\_\_\_

Occupant Status: 1 = Bad Dog 3 = Elderly Person 5 = Health Problems 7 = Notify Prior to Smoke Testing  
 2 = Concerned About Neighbor 4 = Handicapped 6 = Hostile Resident 8 = Other

Inspection Attempt:	Date:	Status:	Comments:	
1	___/___/___	_____	_____	<b>Status:</b> 1 = Inspected 2 = Not at Home 3 = Refusal 4 = Not Inspected
2	___/___/___	_____	_____	
3	___/___/___	_____	_____	
4	___/___/___	_____	_____	

<input type="checkbox"/> History of Flooding				<b>Source:</b> 1 = Sanitary Backup 2 = Stairwell Stormwater 3 = Window Well Stormwater 4 = Wall Seepage 5 = Blockage (private line) 6 = Unknown 7 = Other	<b>Action Taken:</b> 1 = Called Plumber 2 = Installed Sump Pump 3 = Eliminated Stormwater Source 4 = Removed Blockage 5 = Called City 6 = None 7 = Other
Flood Date:	Source	Maximum Depth (ft.)	Duration (hrs.)	Action Taken	
___/___/___	_____	_____	_____	_____	
___/___/___	_____	_____	_____	_____	
___/___/___	_____	_____	_____	_____	

Building Type: _____ Building Age (approximate): _____ yrs. Years Occupied By Present Owner/Occupant: _____ yrs. Basement Type: _____	<b>Building Type:</b> 1 = Ranch 5 = Duplex 9 = Industrial 2 = Raised Ranch 6 = Townhouse 10 = Institutional 3 = Split Level 7 = Apt. Building 11 = Other 4 = Two-Story 8 = Commercial 12 = Vacant Lot	<b>Basement Type:</b> 1 = Full 2 = Half 3 = Crawl Space 4 = None
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BUILDING SUMP PUMPS:						
Sump Number	Location	Sealed Drain	Source of Water	Connection Type	Discharge	Pump Capacity
1	_____	<input type="checkbox"/>	_____	_____	_____	_____
2	_____	<input type="checkbox"/>	_____	_____	_____	_____
3	_____	<input type="checkbox"/>	_____	_____	_____	_____
4	_____	<input type="checkbox"/>	_____	_____	_____	_____
5	_____	<input type="checkbox"/>	_____	_____	_____	_____
6	_____	<input type="checkbox"/>	_____	_____	_____	_____
7	_____	<input type="checkbox"/>	_____	_____	_____	_____
8	_____	<input type="checkbox"/>	_____	_____	_____	_____

DYE TEST:			
Dyed	Pos.	Neg.	Suspect
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>Location:</b> 1 = Inside 2 = Outside	<b>Source of Water:</b> 1 = Foundation Drain 2 = Sanitary 3 = Combination 4 = Storm 5 = None	<b>Connection Type:</b> 1 = Sump Pump with Single Discharge 2 = Sump Pump with Diverter Valve 3 = Pit Only 4 = Drain 5 = Pit w/Drain and Pump	<b>Discharge:</b> 1 = Sanitary 2 = Outside 3 = Storm 4 = Unknown
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**BUILDING OBSERVATION DEFECTS:**

Defect No.	Defect Type	Tributary Area (sq. ft.)	CONFIRMATION					Dye Date:	Comments
			Test Type:		Positive:				
			Dye	Smells	Y	N	Suspect		
1	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	___/___/___	_____
2	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	___/___/___	_____
3	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	___/___/___	_____
4	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	___/___/___	_____
5	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	___/___/___	_____
6	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	___/___/___	_____
7	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	___/___/___	_____
8	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	___/___/___	_____
9	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	___/___/___	_____
10	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	___/___/___	_____

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Defect Type:**  
 1 = Downspout                      5 = Foundation Drain  
 2 = Uncapped Cleanout          6 = Area Drain  
 3 = Driveway Drain                7 = Service Lateral  
 4 = Stairwell Drain                8 = Window Well Drain

Diagram:

