

Sanitary Overhead Sewer Program

Background

The City of Champaign, in cooperation with the Urbana-Champaign Sanitary District (UCSD), has a voluntary financial assistance program for single or multifamily residential, commercial and industrial properties within the City of Champaign for the installation of a sewage ejector system.

Champaign maintains two separate sewer systems. One is the storm sewer system designed to carry stormwater to receiving streams and the other is the sanitary sewer system consisting of pipes and manholes designed to carry wastewater from homes to the Urbana-Champaign Sanitary District's interceptor sewer system. Sanitary sewer backups may occur when obstructions are present in sewer pipes or during wet conditions when sanitary sewers can become overloaded with additional non-wastewater. The sanitary sewers are not designed to carry additional water so they become surcharged or overloaded, which may result in backups into lower levels and basements. A solution to this problem is the installation of an overhead sewer system where all below grade plumbing drains wastewater to an ejector pump. The ejector pump pumps the wastewater to the sewer service line. Since there is no gravity link between the below-grade plumbing fixtures on private property and the public sewer system in the street, the sanitary waste can not back up through the plumbing fixtures located below grade into the house.

Program Details

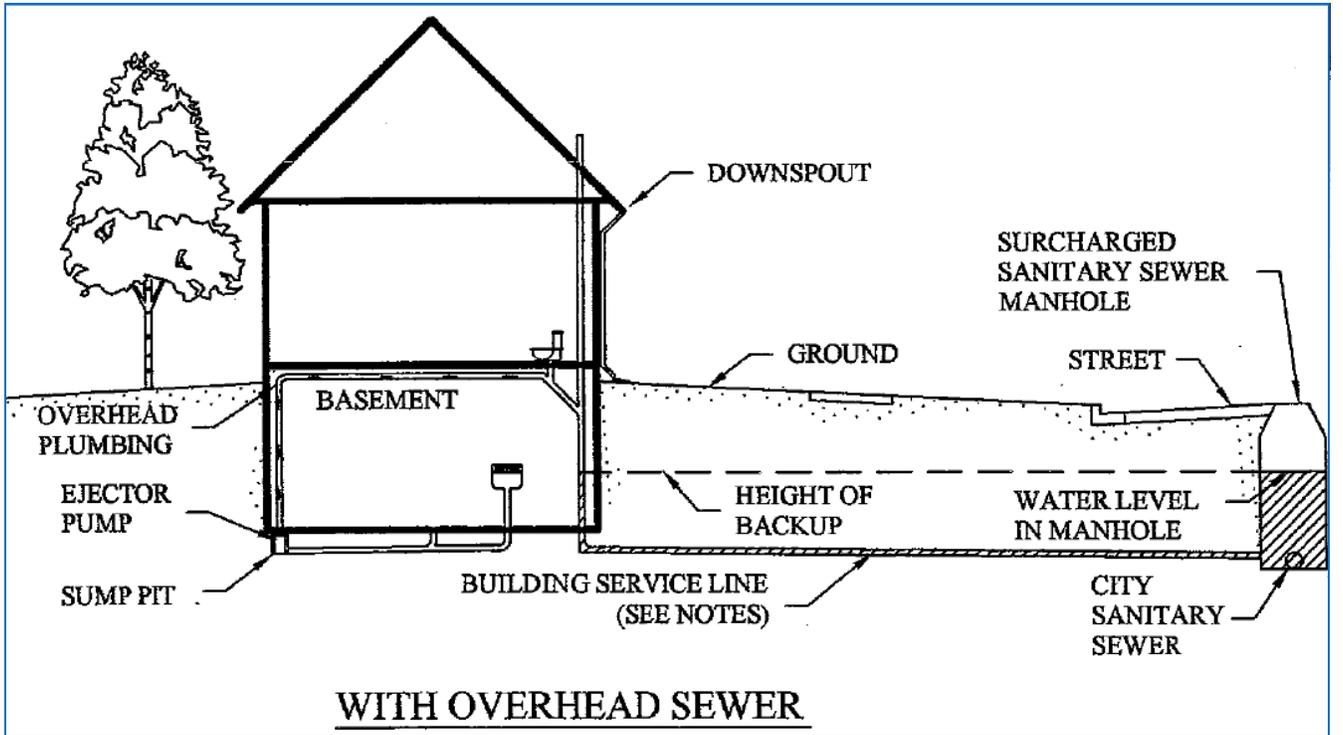
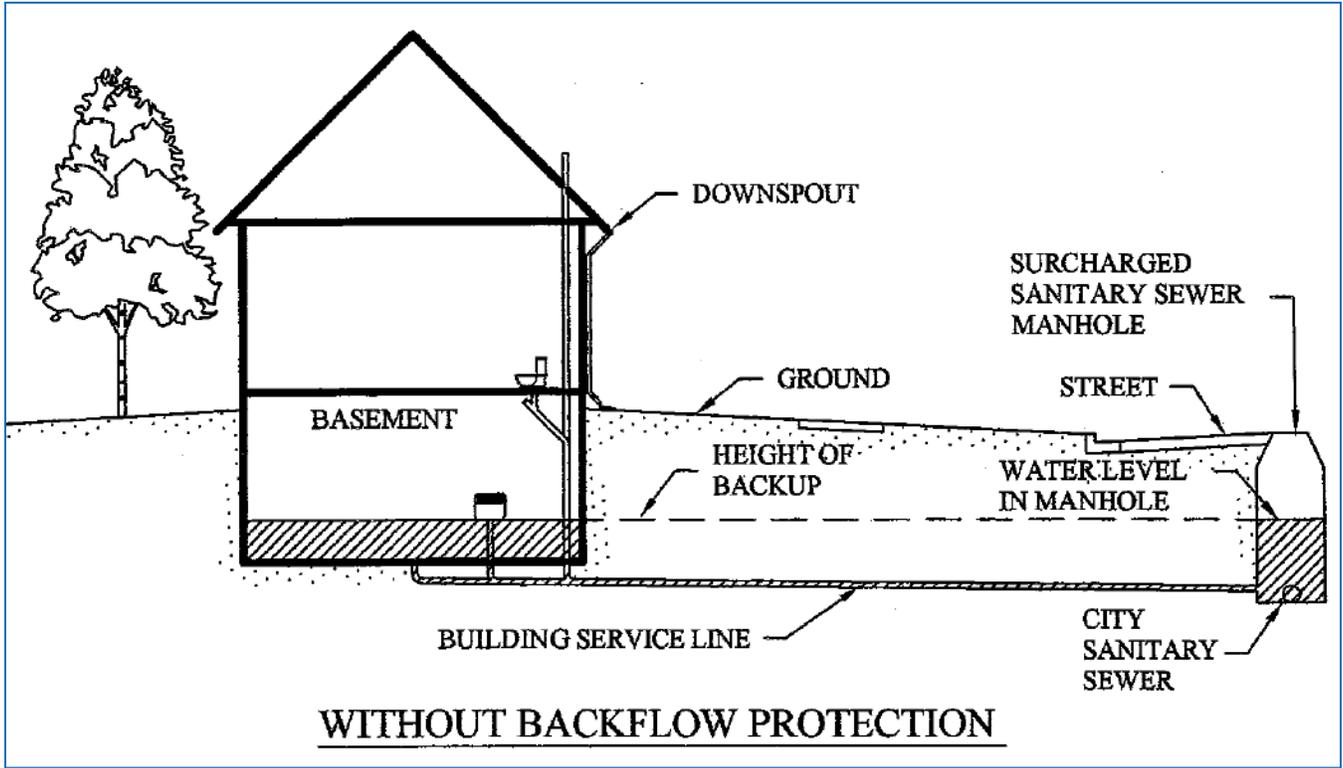
- Available to single or multifamily residential, commercial and industrial properties within the City of Champaign that are connected to the public sanitary sewer system.
- Footing drains, sump pumps, downspouts, storm drains, and miscellaneous connections must be removed from the sanitary sewer at the property owner's expense prior to sewer ejector system reimbursement.
- City inspectors may inspect the subject property prior to participation approval.
- Reimbursements will be processed upon the owner's submission of an invoice attached to a copy of the approved application form properly signed by a representative of the City Engineering Division indicating a final installation and inspection.
- Applications must be approved and signed by the City of Champaign prior to the work being done, or the City cannot participate.
- This program is administered by the City of Champaign Public Works Department Engineering Division.

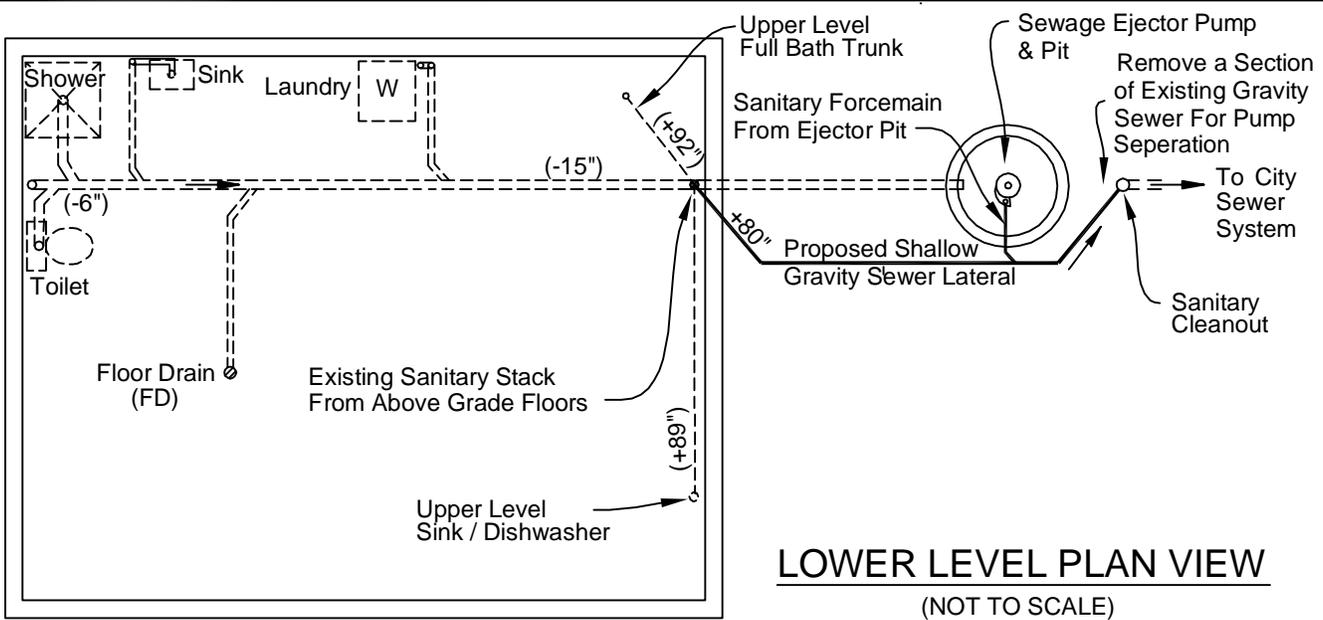
Costs

- The cost share is 75 percent of the system installation, up to a maximum cost share of \$5,250.
- The City cost share shall be based upon the lowest of at least two cost estimates.

Steps

- Schedule a basement/property inspection with City's staff.
- Obtain at least two cost estimates for the installation.
- Submit an application form with the cost estimates to the Public Works Department, attention to Environmental Section.
- The City notifies applicant of application approval.
- Applicant proceeds with installation.
- Submit invoice attached to a copy of the approved application form properly signed by a representative of the City Engineering Division indicating a final installation, inspection and payment.



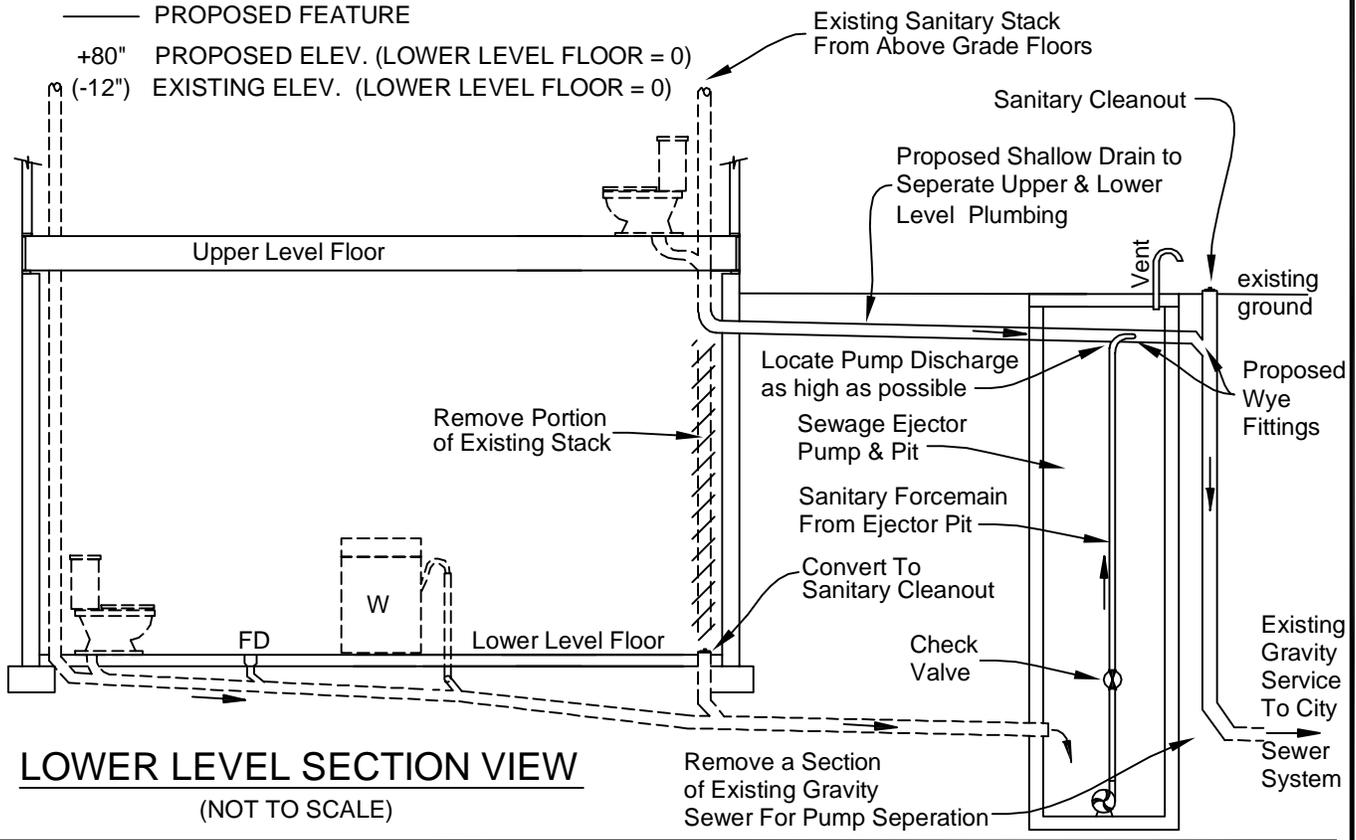


LOWER LEVEL PLAN VIEW
(NOT TO SCALE)

LEGEND

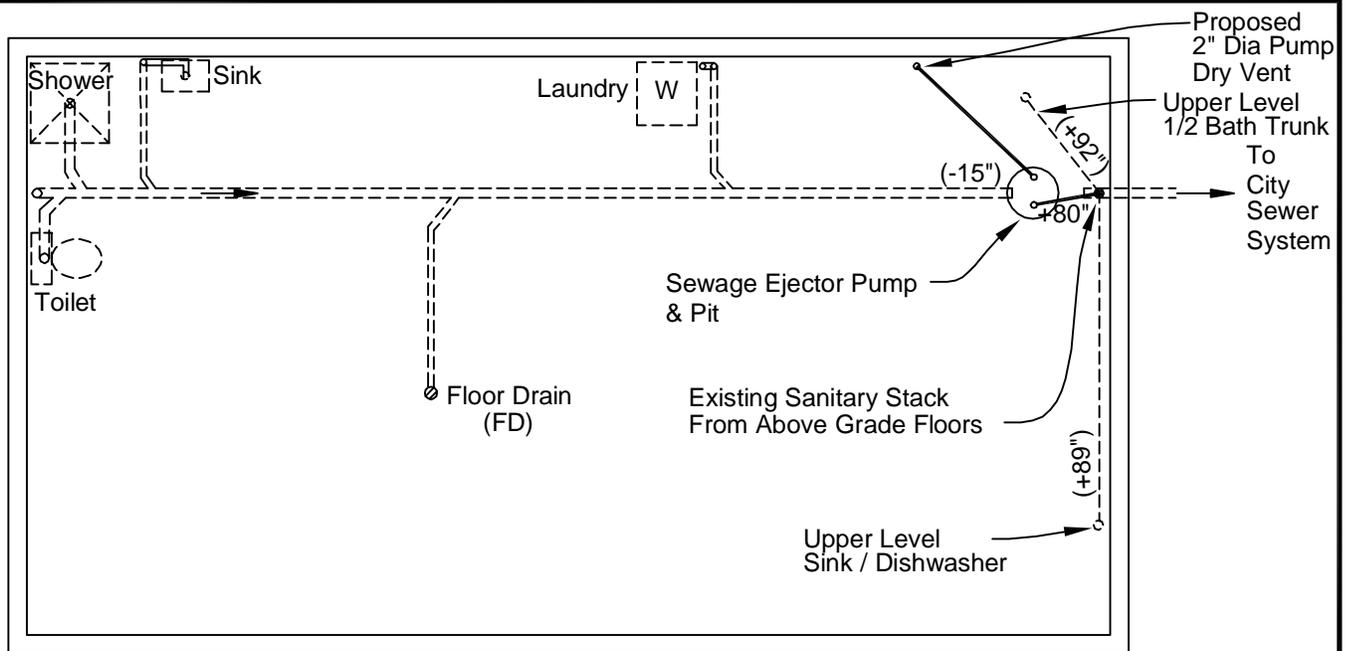
- DRY VENT LOCATION
- DRAIN WET VENT (DWV) & DIAMETER
- SEWER FLOW DIRECTION
- EXISTING FEATURE
- PROPOSED FEATURE
- +80" PROPOSED ELEV. (LOWER LEVEL FLOOR = 0)
- (-12") EXISTING ELEV. (LOWER LEVEL FLOOR = 0)

NOTE: A High Water and Pump Malfunton Alarm shall be installed within the residence on all Exterior Sewage Ejector Systems



LOWER LEVEL SECTION VIEW
(NOT TO SCALE)



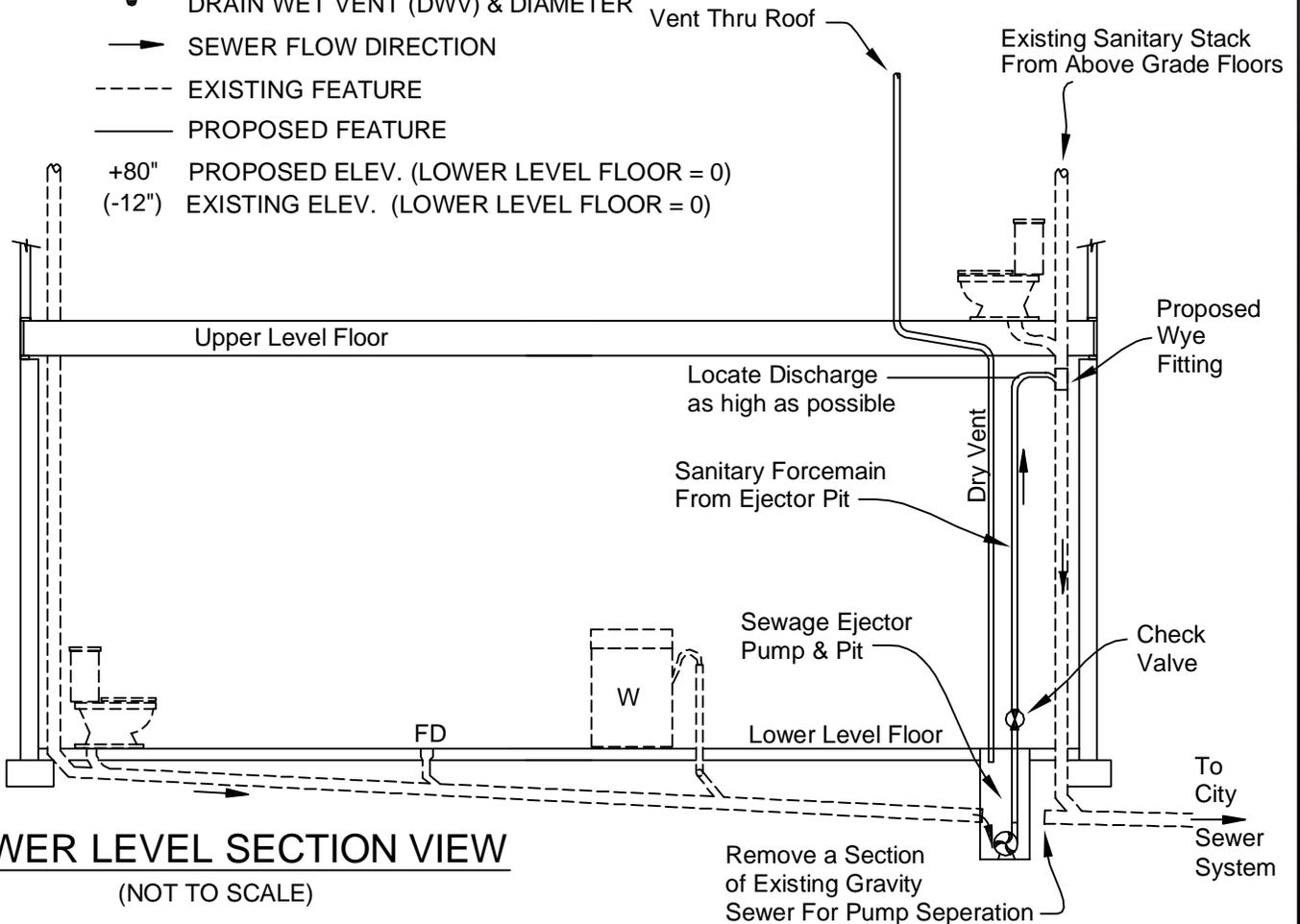


LEGEND

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LOWER LEVEL PLAN VIEW

(NOT TO SCALE)



LOWER LEVEL SECTION VIEW

(NOT TO SCALE)



These are contractors used by residents in the past. There is no recommendation given. There may also be others equally qualified.

Mid State Sewer Service **344-5424**
1404 Carroll Ave., Urbana

Stephens Excavating and Concrete **202-3385**
515 N. Plum St., Farmer City

Mattex Service Co. **355-9700**
402 Staley Rd., Champaign

Halfar Plumbing **359-7762**
1513 Highland Ave., Champaign

Clark Plumbing **356-5356**
1501 Highland Ave., Champaign

XTreme Mech **863-2090**
4912 Windsor Rd., Champaign

Harold R. Colbert Co. **398-1179**
2714 A Clark Rd., Champaign

Darby's Plumbing Inc. **832-2383**
608 E Walnut St., Villa Grove

APPLICATION FOR CITY SANITARY OVERHEAD SEWER PROGRAM

Name: _____ Address: _____

Location of Proposed Improvement

I hereby request participation in the City Sanitary Overhead Sewer Program. I understand that the cost shares apply only to the construction cost up to or equal to \$7,000. Estimates from Contractors listed below are attached, including a description of the work.

The Property Owner agrees that any Contractor performing work on this project will obtain and pay for all necessary permits required by the City of Champaign codes and ordinances.

Name of Contractor _____ Price _____

Name of Contractor _____ Price _____

Signature of Property Owner _____ Date _____

Complete and return to the Public Works Department, Engineering Division, 702 Edgebrook Drive, Champaign, IL 61820. If you have any questions, please call 217-403-4700.

Note: City staff will verify that the sump pump discharge is not connected to the sanitary sewer prior to approving the application. Alternatively, correction can be included in the work.

****Do Not Write Below This Line****

Sump pump discharge checked by: _____
Connection to sanitary sewer exists: YES () NO ()
If yes: Sump pump disconnection from sanitary sewer verified by: _____

Application: Approved _____ Disapproved _____

Comments:

The bid of _____ in the amount of \$ _____ is accepted. The City of Champaign and the UCSD will share 75% \$ _____.

Signature of City Representative: _____ Date: _____

A copy of this application will be sent to the City Plumbing Inspector upon approval.

This application must be approved and signed by an authorized agent of the City of Champaign prior to work being done, or the City of Champaign cannot participate in the cost.



How to Report a Sanitary Sewer Backup

Any time a backup occurs, homeowners should first contact Public Works (BEFORE contacting a plumber or sewer service) during normal business hours: 7:30 a.m. to 4:30 p.m., Monday through Friday.

Contact us:

Public Works Department
Engineering Division
702 Edgebrook Drive
Champaign, IL 61820
Phone: 217.403.4700
publicworks@ci.champaign.il.us

To report emergencies after 4:30 p.m., Monday through Friday and on weekends and holidays, please contact:
217.531.3155

For more information and a printable Overhead Sewer Program application, visit:
ci.champaign.il.us/sanitary



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Engineering Division
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Phone: 217.403.4700

www.ci.champaign.il.us
CGTV-Cable Channel 5

Sanitary Sewer Backup Program



Public Works Department
Engineering Division
702 Edgebrook Drive
Champaign, IL 61820
Phone: 217.403.4700

Having a Sanitary Sewer Backup Problem?

The City of Champaign, in cooperation with the Urbana-Champaign Sanitary District (UCSD) has a program to assist in a solution to your problem. The program is available to residential property owners within the City of Champaign. The program is not available to commercial or industrial property owners. See the information in this brochure on how to participate in the Sanitary Sewer Backup Program and solve your backup problem.

Backups

The City's sanitary sewer system consists of a network of pipes and manholes. The system is designed to carry wastewater from homes and other buildings to the Urbana-Champaign Sanitary District's interceptor sewer system. The Sanitary District's interceptor system consists of larger pipes that carry wastewater to their treatment plant. There it is processed before being emptied to a stream. Both the City's sanitary sewers and the Sanitary District's interceptors are designed only for sanitary wastes.

If the sanitary sewers only transported wastewater, backups would only occur when obstructions were present in sewer pipes. However, during certain wet weather conditions, sanitary sewers become overloaded with groundwater or stormwater runoff so they become surcharged or overloaded. This results in backups into lower levels and basements, or slow running services.

The Program

The Sanitary Sewer Backup Program is administered by the City of Champaign Public Works Department - Engineering Division. The program is available to single or multifamily residential, commercial and industrial properties within the City of Champaign. Applications will be considered for participation from those properties attached to the publicly owned and maintained sanitary sewer system. Properties receiving assistance from the program may be required to have any footing drains, sump pumps, downspouts or storm drains removed from the sanitary sewer at the owner's expense. City inspectors may inspect the subject property for these connections prior to approval for participation in the program to insure compliance with City ordinances.



Getting Your Estimates

All applications must be accompanied by two or more estimates from licensed plumbers, as indicated on the application form. Reimbursement will be processed based on the lower of the estimates. The City and the UCSD will reimburse 75% of the cost up to a maximum installation total of \$7,000. This translates into a maximum cost share of \$5,250 by the City and UCSD.

Completing the Work

Once the application is approved, the owner may contact a plumber and have the installation completed. City of Champaign permits are required for this installation and the plumbing contractor is responsible for acquiring the appropriate permits. No work shall be done prior to the approval of the application. The installation shall be inspected by the City of Champaign Plumbing Inspector. When the inspector approves the installation and contacts the Engineering Division, the cost share payment will be processed.

Getting Paid

The 75% reimbursement payment will be made to the property owner. The City assumes no responsibility toward making full payment to the plumbing contractor. Once the installation has been approved by the City's Plumbing Inspector, the Engineering Division will process payment. It takes two to three weeks for the check to be sent. Please feel free to contact the Public Works Department for more information on the Sanitary Sewer Backup Program.

