

## Sump Pump Discharge

Sump pump discharge directed towards adjacent properties can create problems including:

- Unwanted water on neighboring properties
- Ponding of water
- Scouring of the land if water flow is too great

Establishing a minimum setback from the property line for discharge pipes provides ground area that can absorb the water & allows infiltration instead of simply directing water onto an adjacent property.



## Discharge to City Streets:

Sump pump discharge directly to city streets can create nuisance problems such as algae buildup. Additionally, it can create slick, wet spots in the summer months and icing in the winter months. Constant discharge of water can also reduce the life of the curb and street surface, increasing maintenance costs for the city and taxpayers.

## CONTACT US



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**GRAIN VALLEY**  
MISSOURI

COMMUNITY DEVELOPMENT

Information for:  
Sump Pump  
Discharge Regulations

[www.cityofgrainvalley.org](http://www.cityofgrainvalley.org)

## Prohibited Locations

Certain regulations are in place which outline the prohibited locations for sump pump discharge pipes.

### Sanitary Sewer

Sump pump discharge pipes shall not discharge directly to the sanitary sewer.



### Curb Line/ Right-Of-Way

Sump pump discharge pipes shall not discharge directly to the curb line, or anywhere within five feet (5') of the street right-of-way.

### Property Line

Sump pump discharge pipes shall not discharge water at a point closer than five feet (5') from an adjacent property line.



### Sidewalks/Trails

Sump pump discharge pipes shall not cross over any sidewalk or trail.



### Storm Sewer Line

Sump pump discharge pipes shall not connect directly to a storm sewer line.

### Curb Line

Sump pump discharge pipes shall not be cut directly into a curb line.

## FAQ'S

### Can the discharge pipe be installed out to the curb?

No, the pipe must terminate on the private property to a point at least five feet from the right-of-way line.

### Can the discharge pipe be connected directly to a storm sewer inlet?

Yes, but the ideal "green" solution is to discharge the water in an area where the water can be absorbed in the ground. This allows the water to recharge the water table instead of being directed downstream and potentially creating erosion or flooding problems. A permit is required to connect to the storm sewer inlet.

### Can the discharge pipe be connected directly to a sanitary sewer?

No. Treatment of clear water is unnecessary, increases the cost of sewage treatment, and can overwhelm the treatment system during a rain event.

### Is a city inspection required when a discharge pipe is installed?

An inspection is only required if the discharge pipe is to be connected to a City storm sewer inlet.

City inspectors may contact you if the discharge pipe is installed in a prohibited location. Any violations of the city Code must be corrected as directed by the Code Enforcement Officer or a citation may be issued.

### Are there any green solutions?

Yes, consider establishing a rain garden at the discharge point. A rain garden is a depressed area of the yard that contains water loving plants that help absorb the discharged water and provides an environmentally friendly and aesthetic method of controlling the water.

A rain barrel is another option to collect storm water to be reused for watering flowers and plants.

Installation of a french drain allows the water to be dissipated throughout the yard area. Care should be taken that the lines will not freeze in the winter and that there is adequate lineal feet of perforated pipe necessary to dissipate the amount of water being discharged.