

**RESIDENTIAL FLOODING  
QUESTIONNAIRE, PAGE 1 of 5**

Hydrosphere Engineering

Name(optional)\_\_\_\_\_

Address\_\_\_\_\_Telephone(optional)\_\_\_\_\_

How long have you lived at this address?\_\_\_\_\_

How many times do you recall experiencing flooding\_\_\_\_\_

1. Mark an X in front of all of applicable flooding incidents.

\_\_\_\_\_ My home has not been flooded.

\_\_\_\_\_ Water flows into and accumulates in my backyard.

\_\_\_\_\_ Water flows into and accumulates in my front yard.

\_\_\_\_\_ My street becomes flooded and impassable.

\_\_\_\_\_ Water enters my basement or my lowest level living area.

\_\_\_\_\_ Other (describe)\_\_\_\_\_

**DRAINAGE CHARACTERISTICS OF YOUR HOME: Questions 2 to 8**

2. Mark an X in front of one of the following choices:

\_\_\_\_\_ Full basement    \_\_\_\_\_ Partial basement

\_\_\_\_\_ Living space at least 3 feet below the ground level (for example, a split level home)

\_\_\_\_\_ No basement (Home is built on a slab.)

3. Mark an X in front of one of the following choices:

\_\_\_\_\_ The home is connected to a sanitary sewer.

\_\_\_\_\_ The home has a septic tank and a leach field.

4. Mark an X in front of one of the following choices:

The home is connected to a storm sewer.

The home is not connected to a storm sewer.

5. If the home is connected to a storm sewer, mark an X in front of one the following choices:

Downspouts are connected to the storm sewer.

Downspouts are not connected to the storm sewer.

6. Mark an X in front of one the choices.

My home has a sump pump in the basement

My home does not have a sump pump in the basement.

7. Mark an X in front of all choices that apply to your home.

My home has a check valve (also called a back flow valve or a one way valve) on the sanitary sewer connection.

My home has a check valve on the storm sewer connection.

My home does not have a check valve.

8. Mark an X in front of the choice which is applicable to your home.

The garage floor drain is connected to the storm sewer.

The garage floor drain is connected to the sanitary sewer.

I do not know how the garage floor drain is connected.

The garage floor does not have a drain.

**QUESTIONS ABOUT BASEMENT FLOODING: Questions 9 to 11**

9. Mark an X in front of all choices which apply to your home.

- Water entered my basement through the walls or floor.
- Water entered my basement through the basement floor drain.
- Water entered my basement through a sink, toilet, or tub.
- Water entered my basement through basement windows or doors.
- Other (describe) \_\_\_\_\_

10. Mark an X in front of all choices which apply to your home.

- The flood water in my basement was clear with minimal odor.
- The flood water in my basement was muddy with minimal odor.
- The flood water in my basement was dark with a strong odor.
- The flood water in my basement was muddy with a strong odor.
- Other (describe) \_\_\_\_\_

11. As well as you can remember, list the dates and the maximum depth the basement was flooded on those dates.

Date of Flooding (month and year)	Maximum depth of water in the basement or lower level	Time period that the water was in the home
_____	_____ inches	_____
_____	_____ inches	_____
_____	_____ inches	_____

**Answer the following question ONLY if you have yard flooding.**

12. Mark an X in front of all choices which apply.

\_\_\_\_\_ Flood water caused erosion in my yard.

\_\_\_\_\_ Flood water entered my yard from the rear of my lot.

\_\_\_\_\_ Flood water entered my yard from the front of my lot.

\_\_\_\_\_ Flood water entered my yard from the side of my lot.

\_\_\_\_\_ Other (describe) \_\_\_\_\_

**Answer the following question ONLY if you observed the flooding.**

13. Mark an X in front of all choices which apply.

\_\_\_\_\_ I have observed the sewer catch basins overflowing.

\_\_\_\_\_ I have observed the sewer catch basins full of debris.

\_\_\_\_\_ I have observed water flowing in the street unable to flow into the storm sewers because they were full.

**Answer the next two questions.**

14. State briefly what you consider to be the cause of the flooding.

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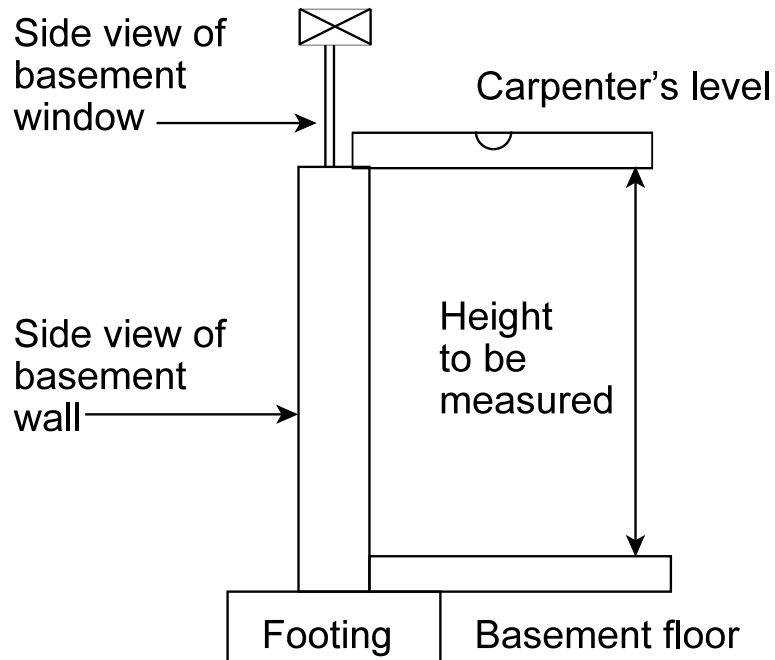
15. State briefly what you would do to reduce the flooding.

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Determination of the height of the basement window sill above the basement floor:

Measure the height of a basement window sill above the basement floor as shown on the following diagram.



Height of the window sill above the basement floor in inches \_\_\_\_\_

The basement window used for the measurement is located in the (circle one)

northeast                  southeast                  northwest                  southwest

part of the house.