

**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.

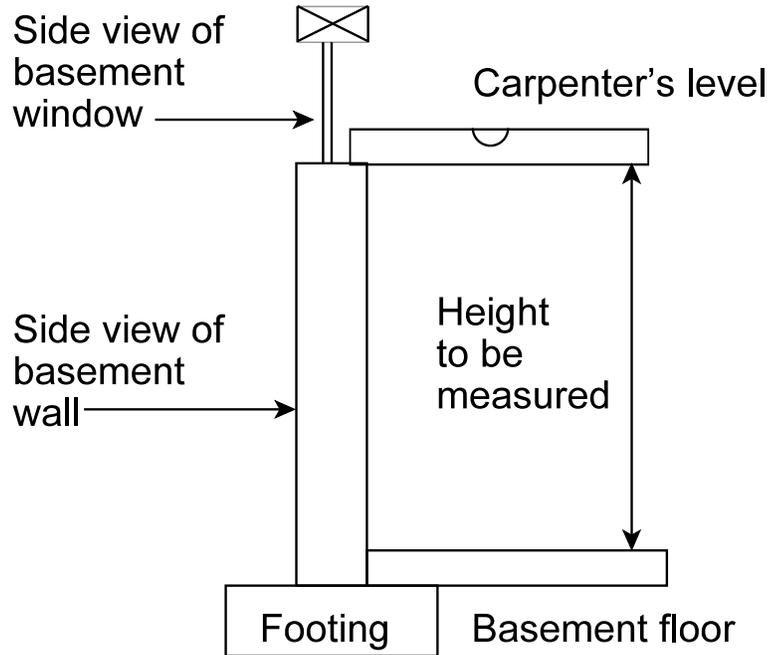
Answer the next two questions.

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

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

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.