Sump Pump and Footing Drain Disconnection Inspection Process

Following is a step-by-step explanation of what a homeowner can expect when reporting an issue believed to be related to a footing drain disconnection and sump pump installation.

1. Homeowner contacts OHM Advisors, the City’s consulting engineer to report a suspected issue with the footing drain disconnection and/or sump pump installation:
   - by calling 734-466-4480 or
   - completing the online request form on the City's webpage at www.A2gov.org/sumppumps

2. The engineer reviews all historic information regarding the footing drain disconnection and sump pump installation at the property.

3. Engineer conducts a phone interview with the homeowner to collect additional information about the issue. Based on the interview, homeowner and engineer may agree to schedule a site visit, if both agree it is warranted.

Note: All homes participating in the City’s FDD program and DOM FDD program are eligible for inspection, however the City can only fund construction modifications for homes that participated in the City’s FDD program.
At the scheduled site visit, the engineer:

- Reviews the right-of-way (ROW) for stormwater and sanitary collection system and water system locations.
- Reviews topography around the house and the neighborhood.
- Looks for curb drain discharge.

Engineer gets permission from homeowner to enter property and inspect exterior of home.

Inspects the basement exterior and surrounding yard, photographing and videotaping conditions. Reviews:

- Grading
- Exterior drains
- Utilities
- Gutters
- Signs of foundation issues

Revisits home’s interior and exterior to verify findings.
Inspection Process: Site Visit, continued

If necessary, the engineer may conduct further tests of the footing drains, sump pump and collection system using soundings or dye testing.

Engineer reviews all data collected and presents findings to Review Committee made of City engineers and consulting engineers.

City staff and engineering consultant evaluates findings and determines that issue:

- **Meets criteria for installation modification.**
  - A letter is sent to the homeowner.
  - Reports the findings and invites the homeowner to participate in the Sump Pump Installation Modification (SPIM) program.
  - A work plan is included with the letter. The letter includes information about specific changes that can help improve the property's condition.

- **Does not meet the criteria for installation modification.**
  - A letter is sent to the homeowner.
  - Reports the findings and that the home is not eligible for the Sump Pump Installation Modification (SPIM) program.
  - The letter includes information about specific changes that can help improve the property's condition.

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Sump Pump Installation Modification Program

Homeowner agrees to participate in the Sump Pump Installation Modification program and homeowner selects contractor. The engineering consultant is also available to help homeowners select the best contractor for their needs.

Homeowner meets with contractor and engineer to review and agree on the work plan. Contractor and City agree to cost of modifications. (City pays for modifications, unless the homeowner selects the more expensive contractor, in which case, the homeowner pays the cost difference.)

Homeowner schedules construction work. Engineer must be present to inspect all work performed on the work plan.

Homeowner and engineer review work and agree to milestone completion of work at three stages:

- Substantial completion (when all the major construction is sufficiently complete and basement can be used.)
- Final completion (when all punchlist items are complete on the project.)
- Acceptance of restoration (after the second growing season following the project.)

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