

Decision Matrix Breakdown

Cost - Annual cost to implement/maintain the program (This was intended to cover all costs, including City labor and not just a Consultant fee)

- Sump Pump - Medium because of the Large Volume of inspections and that it is typically fully funded by the City to ease homeowner Discontent. On the flip side it is a very Low unit cost per inspection because with a mandatory program you are able to get a lot of inspections bunched into a single day for efficiency.
- Point-of-Sale – Low because costs are mostly limited to scheduling labor. Typically low volume of inspections per year based on turnover and costs are can be typically passed on to the homeowner as part of the inspection process.
- Voluntary Inspection – High because it is typically fully funded by the City to incentivize volunteers and this method has the highest unit cost per inspection due to the high amount of labor required to schedule and educate. Additionally, it has a low inspection efficiency resulting from many homeowners not wanting to volunteer if they have to take off work.
- Mainline Launch – Medium because of the high efficiency of being able to do every lateral within an area all at once but balanced by expensive equipment and/or majority of costs being passed through to a contractor.
- Do Nothing – Low because no additional budget required.

Public - The level of disruption and/or additional involvement required from residents and property owners

- Sump Pump – High because the mandatory program typically requires homeowners to schedule during a project window where they may have to take time off of work
- Point-of-Sale – Low because it is completed as part of the sale process when other home inspections are already being completed
- Voluntary Inspection – Medium because it requires homeowners to be present for the inspection but as it is voluntary they can generally complete it at a time that is convenient
- Mainline Launch – Low because there is little to no involvement of the homeowner beyond an awareness that the project is going on
- Do Nothing – Low because no additional involvement of residents required.

Ordinance - Level of effort necessary to update City ordinance or to educate the public to achieve the proper enforcement

- Sump Pump – Medium because the education required to get homeowners onboard otherwise the ordinance is already in place
- Point-of-Sale – High because it will require extensive labor (staff, council, attorney, etc.) to update and enforce the proper ordinance in addition to an education program.
- Voluntary Inspection – Medium because the education required to get homeowners onboard otherwise the ordinance is already in place
- Mainline Launch – Low because there little needed in education or updates to the ordinance.
- Do Nothing – Low because no updates necessary for “status quo”.

Risk - Potential for not achieving an adequate reduction of I/I through the completion of the program

- Sump Pump – Medium because it does not inspect for all potential clear water connections (foundation drains or lateral infiltration)
- Point-of-Sale – Low because it evaluates for all conditions (sump, foundation drain, lateral)
- Voluntary Inspection – High because homeowners who know they have an issue do not volunteer
- Mainline Launch – High because it does not inspect for the larger contributing sources such as sump pumps and foundation drains
- Do Nothing – High because even though no program is proposed with this option, doing nothing will result in not achieving any reduction in I/I

Time – How long the program would take for implementation

- Sump Pump – High because as with the 1990's Sump Pump Inspection Program it would require an entire program to be built out, possibly up to a year (or more) to implement.
- Point-of-Sale – High because this would be a new program/policy for the City and would require studious review and updates to ordinances, coordination with multiple departments, and implementing new standard operating procedures which could take possibly up to a year (or more) to implement.
- Voluntary Inspection – Medium because this would require an education campaign coupled with coordination with staff and individual property owners one-by-one, possibly up to 6 months (or more).
- Mainline Launch – Low because the city currently does mainline CCTV and cleaning projects of sanitary lines annually and would only require additions of specifications for mainline and review by the City Attorney regarding liability.
- Do Nothing – Low because no program additional time would be required