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|-------------------|---------------------------------|
| Project:          | Fire Station No. 5              |
| Project Owner:    | City of Syracuse                |
| Project Location: | 114 N. Geddes Street            |
| Sewershed:        | CSO 007                         |
| Technology:       | Infiltration Trench             |
| Runoff Reduction: | 570,000 gal/yr                  |
| Year Contracted:  | 2018                            |
| Project Cost:     | \$180,000 (engineer's estimate) |
| Prime Contractor: | D.E. Tarolli                    |

## FACT SHEET

### Fire Station No. 5

**Project Description:** The Fire Station No. 5 project is another example of the Save the Rain Program targeting a specific priority area for green infrastructure implementation. This project, within the CSO 007 sewershed, is intended to reduce pollution to Harbor Brook and Onondaga Lake. The CSO 007 sewershed is a tributary to the Harbor Brook Intercepting Sewer. This project will serve to reduce overflows from this sewershed and will provide a new parking lot and site improvements at Fire Station No. 5, located on North Geddes Street.

An infiltration trench will be constructed beneath the parking lot at the Fire Station. This green infrastructure practice provides water quality improvement through infiltration and storage, thus reducing overflows. The underground infiltration trench will capture a very large volume of stormwater runoff beneath the parking area. Upon completion, the underground infiltration trench will capture runoff from approximately 3/4 acre of impervious area from the fire station parking lot, building roof and North Geddes Street. This will reduce stormwater runoff to the combined sewer by approximately 570,000 gallons annually.



Typical Underground Infiltration Trench



Street View of Firehouse 5 (credit: Google)



Project Location – N. Geddes Street

Version 09/16/18