



What is DCIA?

Directly Connected Impervious Area (DCIA) is the part of the total impervious area that is hydraulically connected to the City of Stamford MS4 system (e.g., parking lot draining to a Stamford catch basin or piped directly to a City of Stamford storm sewer). DCIA does not include isolated impervious areas where runoff is able to infiltrate before reaching the MS4, (e.g., a roof drain discharging to a large grassy area, a parking lot draining to an infiltration BMP, etc.).

Part 2: Project Details

The information provided in this section will help determine the water quality requirement for your site. Additional instructions for each entry are included here:

1. Type of Development - Choose from the following three options: New Development, Redevelopment, and Linear Redevelopment (See Section 2.4).
2. Enter the total area of all parcels and/or Rights-of-Way (for linear redevelopment) containing development (this is considered the "Site", as defined in *Definitions* on Page v).
3. Enter the total area of land disturbance (as defined in *Definitions* on Page iv) for the project.
4. See mapping in *Appendix A* for locations of these resources in Stamford.
5. Enter the total area of **current** on-site DCIA. This includes any impervious area that is currently draining directly to the City of Stamford storm sewer system.
6. Determine if DCIA, based on the above explanation, will increase with the proposed development. For this answer, do not consider the influence of any proposed BMPs in the calculation of DCIA, even though the purpose of the BMPs will be to reduce the on-site DCIA. For example, if a proposed parking lot is designed to drain to a BMP, but would otherwise drain to the City storm sewer system, include this parking lot area in determining whether DCIA will increase. ***Note: this question is only relevant for linear redevelopment projects.***
7. Enter the total proposed impervious area associated with the development. This includes pre-development impervious area on the site that will not be removed as part of the proposed development.

Part 3: Water Quality Target Total

Required retention or treatment volumes will be calculated here depending on the inputs provided in Part 2. Enter the proposed retention/treatment volume for the development in the final box. If the proposed retention/treatment volume exceeds the required retention/treatment volume, this box will turn green indicating the applicant has met the pollution reduction requirement. Alternatively, Standard 1 may not apply if certain conditions are met. In this case, skip to Part 4.

Part 4: Proposed DCIA Tracking

Values to be entered here are pre-development total impervious area and proposed-development DCIA. The other values should have already been entered in Part 2. Unlike Part 2 Step 6, the number entered here for proposed-development DCIA should consider proposed BMPs. For example, a proposed parking lot draining to a BMP that retains/treats the full 1" of runoff may be considered disconnected and thus should not be included in this total.

Part 5: Post-Development (As-Built Certified) DCIA Tracking

Enter the post-development total impervious area and post-development DCIA here. These numbers should reflect as-built conditions, and thus may differ slightly from the respective numbers entered in Part 4.