



Increase in Impervious Area Estimator

- In order to complete this form, the resident needs to know the area (square footage or acreage) of the property, the existing home's footprint, any additional impervious areas (driveway, patio, etc.), and the estimated area of the new development.
- If the resident needs to convert areas from square feet to acreage or vice versa, use the conversion chart on this page. Whichever unit is used, please ensure that it is congruent throughout the worksheet.

*****Please Print, Sign, and Submit to the Stormwater Administrator*****

Line	Description	Square Foot	Acre
A	Enter Lot Size	20000	0.00
B	Enter Area of Home's Foundation	2000	0.00
C	Enter Estimated Area of Existing Impervious Areas (driveway, porch, garage, etc.)	2870	0.00
D	Total Existing Impervious Area (square foot or acres)	4870.00	0.00
E	Enter Estimated Size of Development or Disturbance ^{1,2}	1250	0.00
F	Proposed Total Impervious Area	6120.00	0.00
G	Estimated Increase in Impervious Area²	1250.00	0.00
Design Requirements			
H	Design Volume for the First Inch of Runoff (cubic feet)³	104.13	0.00
I	Design Volume for the ENTIRE storm event (cubic feet)⁴	281.25	0.00

¹ Projects that add 5,000 square feet or more of impervious surface to existing conditions, and projects that disturb 5,000 square feet or more of land, must comply with the Town Stormwater Ordinance. Activity that is less than those thresholds, or that does not result in a net increase in built-upon area and that provides greater or equal stormwater control than the previous development, does not have to comply with the Town Stormwater Ordinance. All phased developments must achieve post-construction requirements at the completion of each phase unless otherwise approved by the stormwater administrator.

NOTE: If you are exempt from the ordinance per the above, you must so indicate through this calculator or other documentation of project stormwater calculations.

² "Green roofs" and pervious pavements which allow for infiltration of the first inch of run-off, will not count toward the impervious surface or land disturbance calculations for determining stormwater requirements of the project site.

³ This storage requirement is only applicable to those projects employing LID principles and design methods. If the project is controlling stormwater runoff by conventional means, the storage requirement will be greater. Practices which are designed to work with nature (such as swales, rain gardens, wetlands) and/or which use combinations of technologies to retain run-off or allow for infiltration into the ground (such as rain-barrels, dry wells or French drains) need only to retain and treat the first inch of rainfall for the area required by the ordinance.

⁴ Stormwater Management practices that utilize only pipes and/or ponds as the sole method for run-off capture and treatment must be designed to handle the 1-year, 24-hour storm event.

The information provided above is true to the best of my knowledge. No misrepresentations of planned development(s) or disturbance(s) are herein recorded. If the work plan/master plan should deviate from this form, it is my responsibility to contact the Stormwater Administrator within 48 hours and inform the Administrator of the change. I understand that this form will be filed and kept as a record for this project; I will provide sufficient documentation, upon request, that the above area estimates are within the scope of planned work (calculations, drawings, plans, etc.). If any alternative building materials are to be used such as green roofs, permeable pavement, etc., sufficient documentation will also be available upon request. *By signing this form, I assert that I have read the above and that I understand the content of this worksheet to be true and that I comprehend the applicable ordinances.*

Full Name (Please Print)

Signature

Date