

REVIEW OF GREEN INFRASTRUCTURE AND LOW IMPACT DEVELOPMENT
TOWN OF ALLENSTOWN MS4 PROGRAM
JUNE 17, 2021

A review of the Town of Allenstown Zoning Ordinance, in addition to the Subdivision and Site Plan Regulations. In accordance with Sections 2.3.6 and 5.1.3 of the MS4 permit, has assessed the degree to which the regulatory framework permits and encourages green infrastructure and Low Impact Development (LID). Finding highlights indicated that the zoning ordinance, primarily as prescribed in MS4 Post Construction Ordinance, that LID Best Management Practices (BMPs) are the first option for stormwater management. Applicants must demonstrate that such BMPs are not possible, or the conventional BMPs are more desirable. With regard to the Subdivision Regulations, green infrastructure and LID BMPs are encourage. In the Site Plan Regulations, green infrastructure and LID BMPs must be evaluated by an applicant. Specific LID elements that must be evaluated by the applicant in the Site Plan Regulations include: rain gardens, rain barrels/cisterns, green roofs, porous pavement/concrete, bioswales, commercially manufactured green stormwater BMPs. In summary, the zoning ordinance and regulations in Allenstown not only allow and encourage green infrastructure and LID BMPs but actually establish it as the preferred method for stormwater management. Please refer to the table below for additional analysis of the Zoning Ordinance and Planning Board's regulations.

Element Assessed	Relevant Permit Section	Zoning Ordinance Findings	Site Plan Regulation Findings	Subdivision Regulation Findings	Date Adopted (if applicable)
Feasibility of Green Roofs	2.3.6.d	No reference	Section 7.06(n) requires that green infrastructure and LID designs shall be evaluated, and includes rain gardens, rain barrels/cisterns, green roofs, porous pavement/concrete, bioswales, commercially manufactured green stormwater BMPs	6.02(v) encourages the use of green infrastructure and LID elements when possible	Site Plan Regulations: June 17, 2020; Subdivision Regulations, June 17, 2020
Feasibility of Infiltration (rain gardens, curb extensions, planter gardens, porous pavement, etc.)	2.3.6.d	No reference	Section 7.06(n) requires that green infrastructure and LID designs shall be evaluated, and includes rain gardens, rain barrels/cisterns, green roofs, porous pavement/concrete, bioswales, commercially manufactured green stormwater BMPs	6.02(v) encourages the use of green infrastructure and LID elements when possible	Site Plan Regulations: June 17, 2020; Subdivision Regulations, June 17, 2020
Water Harvesting (rain barrels, cisterns, reuse of rainwater)	2.3.6.d	No reference	Section 7.06(n) requires that green infrastructure and LID designs shall be evaluated, and includes rain gardens, rain barrels/cisterns, green roofs, porous pavement/concrete, bioswales, commercially manufactured green stormwater BMPs	6.02(v) encourages the use of green infrastructure and LID elements when possible	Site Plan Regulations: June 17, 2020; Subdivision Regulations, June 17, 2021
Green infrastructure (new development)	6.3	No reference	Section 7.06(n) requires that green infrastructure and LID designs shall be evaluated, and includes rain gardens, rain barrels/cisterns, green roofs, porous pavement/concrete, bioswales, commercially manufactured green stormwater BMPs	6.02(v) encourages the use of green infrastructure and LID elements when possible	Site Plan Regulations: June 17, 2020; Subdivision Regulations, June 17, 2022
Green infrastructure (redevelopment)	6.3	No reference	Section 7.06(n) requires that green infrastructure and LID designs shall be evaluated, and includes rain gardens, rain barrels/cisterns, green roofs, porous pavement/concrete, bioswales, commercially manufactured green stormwater BMPs	6.02(v) encourages the use of green infrastructure and LID elements when possible	Site Plan Regulations: June 17, 2020; Subdivision Regulations, June 17, 2023

Element Assessed	Relevant Permit Section	Zoning Ordinance Findings	Site Plan Regulation Findings	Subdivision Regulation Findings	Date Adopted (if applicable)
Low Impact Development (LID) Strategies for Stormwater BMPs	-	LID strategies are required for stormwater BMPs before other conventional BMPs are used: section IV.C.2 of MS4 Stormwater Ordinance	Section 7.06(n) requires that green infrastructure and LID designs shall be evaluated, and includes rain gardens, rain barrels/cisterns, green roofs, porous pavement/concrete, bioswales, commercially manufactured green stormwater BMPs	6.02(v) encourages the use of green infrastructure and LID elements when possible	Site Plan Regulations: June 17, 2020; Subdivision Regulations, June 17, 2024. Zoning: March 9, 2021
LID Strategies for redevelopment	-	LID is required for redevelopment on lots with less than 40% impervious coverage: section V.A.2 of the MS4 Stormwater Ordinance	Section 7.06(n) requires that green infrastructure and LID designs shall be evaluated, and includes rain gardens, rain barrels/cisterns, green roofs, porous pavement/concrete, bioswales, commercially manufactured green stormwater BMPs	6.02(v) encourages the use of green infrastructure and LID elements when possible	Site Plan Regulations: June 17, 2020; Subdivision Regulations, June 17, 2024. Zoning: March 9, 2021