

Town of Leicester PLANNING BOARD LEICESTER, MASSACHUSETTS, 01524-1333 Phone: 508-892-7007 Fax: 508-892-7070 www.leicesterma.org

Leicester Stormwater Regulations 6/20/2017

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1.0 PURPOSE:

The purpose of these Stormwater Regulations is to establish procedures for conducting the business of the Planning Board under its jurisdiction as a permit granting authority for the Leicester Stormwater Bylaw (Leicester General Bylaws, <u>See Appendix A</u>).

2.0 APPLICABILITY:

These Regulations apply to new development and redevelopment that is not exempt under the Stormwater Bylaw. Projects and/or activities that are not exempt must obtain a permit from the Planning Board or its designee.

3.0 PERMIT PROCEDURES

Projects requiring a permit shall submit the materials specified in Section 3 (Permit Procedures) and Section 4 (Application Submittal Requirements), and meet the stormwater management criteria specified in Section 5 (Post-Development Stormwater Management Criteria). Filing an application for a permit grants the Planning Board, or its agent, permission to enter the site to verify the information in the application and to inspect for compliance with the resulting permit. The Planning Board is authorized to retain a Registered Engineer or other professional consultant to advise on any aspect of the permit application at the applicant's expense.

A. Projects Requiring Site Plan Review or Definitive Subdivision Approval

Nearly all projects subject to the Stormwater Bylaw also require either Site Plan Review or Definitive Subdivision Approval by the Planning Board. For all such projects, the Stormwater Permit application shall be processed and reviewed concurrently with the Site Plan or Definitive Subdivision application and the Stormwater Permit Decision may be incorporated into the Planning Board's Decision/Order of Conditions. The procedural requirements, including plan submittal requirements, deadlines, plan distribution, fees, and notification requirements shall follow the requirements for Site Plan Review or Definitive Subdivision Approval as applicable, except where specified otherwise in these regulations. [Note: In the rare instance where both Site Plan Review and Definitive Subdivision Approval are required for the same project, the fee and deadline requirements shall follow the requirements for Definitive Subdivision Approval.]

B. Other Projects:

- 1) <u>Municipal project applicants shall submit sufficient information to evaluate the</u> stormwater system, specifically Section 4A, Items 9-17, and Section 4B.
- 2) Any other project subject to the Stormwater Bylaw, but not Site Plan Review or Definitive Subdivision Approval shall follow the requirements for Site Plan Review.

C. Action:

The Planning Board may take one of the following actions for a permit application: "approval", "approval with conditions", "disapproval", or "withdrawal without prejudice". A written report of the decision shall be made. The failure of the Planning Board to take action within the applicable deadline shall be deemed approval of that application. Applicants shall not receive any building or land development permits until the stormwater permit is issued. The project shall begin within one year after issuance of the stormwater permit. If the project does not begin within one year, unless there is an extension granted, and the Planning Board finds that the approved Stormwater Management Plan is no longer valid, the applicant shall submit a modified Plan that requires approval prior to the commencement of land-disturbing activities.

D. Modification:

The permittee must notify the Planning Board in writing before any change or alteration is made to a Stormwater Management Permit or approved Operation and Maintenance Plan. If the change or alteration is significant, the Planning Board may require that an amended application be filed. The owner(s) of the stormwater management system must notify the Planning Board or its agent of changes in ownership or assignment of financial responsibility. The maintenance schedule in the Maintenance Agreement may be amended to achieve the purposes of this by-law by mutual agreement of the Planning Board or its agent and the Responsible Parties. Amendments must be in writing and signed by all responsible parties.

E. Project Completion:

The permittee shall submit as-built drawings of all stormwater controls, which shall show any deviations from the approved plans and be certified by a Registered Professional Engineer.

4.0 APPLICATION SUBMITTAL REQUIREMENTS:

In addition to the plans and information normally required for Site Plan Review or Definitive Subdivision Approval, applicants shall submit the information described in this Section.

A. Stormwater Management Plan:

A Stormwater Management Plan submitted with the permit application shall contain sufficient information to evaluate the environmental impact and effectiveness of the measures proposed for reducing adverse impacts from stormwater runoff. This plan shall comply with the criteria established in these regulations and must be submitted with the stamp and signature of a Professional Engineer (PE) licensed in the Commonwealth of Massachusetts. The Plan shall fully describe the project in drawings, narrative, and calculations. It shall include:

- 1) Contact Information. The name, address, and telephone number of all persons having a legal interest in the property and the tax reference number and parcel number of the property or properties affected;
- 2) A locus map;
- 3) The existing zoning, and land use at the site;
- 4) The proposed land use;
- 5) The location(s) of existing and proposed easements;
- 6) The location of existing and proposed utilities;
- 7) The site's existing & proposed topography with contours at 2 foot intervals,
- 8) A delineation of 100-year flood plains, if applicable;

[Note: Items 1-8 are already required for SPR and/or Subdivision plans]

- 9) The existing site hydrology;
- 10) A depiction of all areas of cut and fill, and soil disturbance
- 11) A description & delineation of existing stormwater conveyances, impoundments, and wetlands on or adjacent to the site or into which stormwater flows;
- 12) Estimated seasonal high groundwater elevation in areas to be used for stormwater retention, detention, or infiltration;
- 13) The existing and proposed vegetation and ground surfaces with runoff coefficients for each;

- 14) Landscaping plan describing the woody and herbaceous vegetative stabilization and management techniques to be used within and adjacent to the stormwater practice.
- 15) A drainage area map showing pre and post construction watershed boundaries, drainage area and stormwater flow paths, including municipal drainage system flows;
- 16) A description and drawings of all components of the proposed stormwater management system including:
 - a. Locations, cross sections, and profiles of all brooks, streams, drainage swales and their method of stabilization;
 - b. All measures for the detention, retention or infiltration of water;
 - c. All measures for the protection of water quality;
 - d. The structural details for all components of the proposed drainage systems and stormwater management facilities;
 - e. Notes on drawings specifying materials to be used, construction specifications, and expected hydrology with supporting calculations;
 - f. Proposed improvements including location of buildings or other structures, impervious surfaces, and drainage facilities, if applicable;
- 17) Hydrologic and hydraulic design calculations for the pre-development and postdevelopment conditions for the design storms specified in this Regulation. Such calculations shall include:
 - a. Description of the design storm frequency, intensity and duration;
 - b. Time of concentration;
 - c. Soil Runoff Curve Number (RCN) based on land use and soil hydrologic group;
 - d. Peak runoff rates and total runoff volumes for each watershed area;
 - e. Information on construction measures used to maintain the infiltration capacity of the soil where any kind of infiltration is proposed;
 - f. Infiltration rates, where applicable;
 - g. Culvert capacities;
 - h. Flow velocities;
 - i. Data on the increase in rate and volume of runoff for the specified design storms, and
 - j. Documentation of sources for all computation methods and field test results.

18) Post-Development downstream analysis if deemed necessary by the Planning Board;

- 19) Soils Information from test pits performed at the location of proposed stormwater management facilities, including soil descriptions, depth to seasonal high groundwater, depth to bedrock, and percolation rates. Soils information will be based on site test pits logged by a Massachusetts Registered Soil Evaluator, or a Massachusetts Registered Professional Engineer;
- 20) Erosion and Sediment Control Plan
- 21) Identification of potential pollutant sources such as paint, pesticides, oil, or other toxic chemicals, etc.

B. Operation & Maintenance Plan

The maintenance plan shall ensure there is ongoing compliance with the permit and the Massachusetts Surface Water Quality Standards in all seasons and throughout the life of the

system. All property owners are responsible for maintaining the proper operation of all permitted stormwater control features on their property. Stormwater structures shall be maintained to ensure compliance with the Permit, this Bylaw and that the Massachusetts Surface Water Quality Standards are met in all seasons and throughout the life of the system. The Operation & Maintenance (O&M) Plan shall remain on file with the Planning Board, and shall include:

- 1) The name(s) of the owner(s) for all components of the system
- 2) Maintenance Agreements that specify
 - a. The names and addresses of the person(s) responsible for operation & maintenance
 - b. The person(s) responsible for financing maintenance and emergency repairs
 - c. A maintenance schedule for all drainage structures, including swales and ponds
 - d. A list of easements with the purpose and location of each
 - e. Record maintenance agreement
- 3) Stormwater Management Easement(s).
 - a. Stormwater management easements shall be provided by the property owner(s) as necessary for:
 - access for facility inspections and maintenance,
 - preservation of stormwater runoff conveyance, infiltration, and detention areas and facilities, including flood routes for the 100-year storm event.
 - direct maintenance access by heavy equipment to structures requiring regular cleanout.
 - b. Stormwater management easements are required for all areas used for off-site stormwater control, unless a waiver is granted by the Planning Board or its agent.
 - c. The purpose of each easement shall be specified in the maintenance agreement signed by the property owner.

5.0 POST-DEVELOPMENT STORMWATER MANAGEMENT CRITERIA

All projects shall comply with the Massachusetts Stormwater Management Policy and achieve the following performance standards:

A. <u>No Untreated Discharges</u>

Stormwater shall not be discharged directly to a wetland, local water body, municipal drainage system, or abutting property, without adequate treatment.

B. Channel Protection

The post-development peak discharge rate from the 2-year storm event shall be equal to the pre-development rate in order to prevent stream bank erosion and channel degradation.

C. Construction Disturbance

A sediment and erosion control plan shall show best management practices for site conditions, and minimize the area of the land disturbance.

D. Flood Protection

The post-development peak discharge rate for the 10-year storm event shall be equal to the pre-development rate in order to protect downstream property. The 100-year storm event shall be evaluated to demonstrate there will be no increased flooding impacts off-site.

E. Groundwater Recharge

Post-development recharge shall mimic pre-development conditions. Annual recharge rates shall be maintained by use of structural and non structural management practices. The stormwater runoff volume to be recharged shall be determined by methods in the latest version of the Stormwater Management Handbook of the Massachusetts Department of Environmental Protection.

F. Water Quality

Stormwater treatment shall be based on design criteria in the Massachusetts DEP Stormwater Management Handbook, and shall remove at least 80% of total suspended solids (TSS).

G. Water Quality Volume

The volume for sizing a structural stormwater facility shall designed according to criteria specified by the Massachusetts DEP Stormwater Management Policy.

H. Sensitive Areas

Stormwater discharges to swimming beaches, water supplies and other sensitive water resources may be subject to special criteria established by the Planning Board after conducting a public hearing in accordance with the Stormwater Bylaw.

I. Hotspots

Stormwater discharges from land uses with higher pollutant loadings, known as "hotspots", require treatment practices specified in the Massachusetts DEP Stormwater Management Handbook.

J. Low Impact Design

Improved site design and nonstructural controls are encouraged to minimize use of structural stormwater controls. The applicant may request credit for site design practices that can reduce other requirements in these regulations. The Planning Board may adopt criteria for practices that qualify as low impact designs.

6.0 WAIVERS

The Planning Board may waive strict compliance with these regulations if: such action is allowed by federal, state and local statutes; is in the public interest; and is consistent with the purpose of the Stormwater Bylaw. Any applicant may submit a written request for a waiver, accompanied by supporting information explaining how the waiver will comply with the purpose of the Stormwater Bylaw.

7.0 SURETY:

The Planning Board may require the permittee to post a bond, cash, or other acceptable surety. The form of the bond shall be approved by the Town of Leicester, in an amount deemed sufficient to ensure that the work will be completed in accordance with the permit. A portion of the bond may be released as each phase of the project is completed in compliance with the permit, but the bond shall not be fully released until the Planning Board has issued a Certificate of Completion.

8.0 CONSTRUCTION INSPECTIONS

A. Inspections

The Planning Board may appoint an inspector, at the owner's expense, to perform routine inspections during construction, to determine compliance with conditions of the permit and to ascertain in the owner is maintaining water quality protection measures.

B. Notification

The applicant must notify the Planning Board before starting a land disturbing activity. The applicant must also notify the Planning Board before constructing the key components of the stormwater management system.

C. <u>Reports</u>

Inspections and written reports of the stormwater system construction shall be conducted by the applicant's professional engineer. The Planning Board may also require inspections during construction by the Town or a professional engineer at the expense of the applicant. Written reports shall include: the inspection date and location; evaluation of compliance with the stormwater permit; any variations from approved specifications, or violations of the Stormwater Management Plan.

D. Inspections

At a minimum, inspections shall include: an initial site inspection prior to permit approval; inspection of site erosion controls; inspection of the stormwater system prior to backfilling of underground drainage or conveyance structures; and a final inspection before the surety is released or occupancy permit issued. The stormwater system shall be inspected at least twice a month and following any storm event of 0.5 inches or greater during construction. The Planning Board will issue a Certificate of Completion following review of as-built drawings of all stormwater infrastructure certified by a Registered Professional Engineer.

E. System Inadequacy

If the system is found to be inadequate due to operational failure, even though built according to the Stormwater Management Plan, the system shall be corrected by the applicant. If the applicant fails to act, the Planning Board may use the surety bond to complete the work. If the system does not comply with the Plan, the applicant shall be notified in writing of the violation and the required corrective actions. A Stop Work Order shall be issued until any violations are corrected and all work previously completed has received approval by the Planning Board.

9.0 CERTIFICATE OF COMPLETION

Upon completion, the applicant shall certify that the project is in accordance with plan specifications and shall provide inspections to adequately document compliance. All required easements shall be recorded with the Worcester County Registry of Deeds prior to issuance of a Certificate of Completion by the Planning Board or its agent. The Planning Board will issue a letter certifying completion upon its receipt and approval of the final inspection reports, and/or otherwise determining that all work was completed in conformance with these regulations.

10.0 POST-CONSTRUCTION INSPECTION AND MAINTENANCE

A. General Requirements

Structures and practices used to manage stormwater shall be inspected to ensure compliance with Operation and Maintenance Plan (O&M Plan) approved by the Planning Board. The owner of the property, or other person in control of such property, shall maintain in good condition and promptly repair and restore all grade surfaces, walls, drains, structures, vegetation, erosion controls, and other protective measures. Repairs and maintenance shall comply with the approved O&M Plan.

B. Inspection Schedule

At a minimum, inspections shall occur quarterly during the first year of operation. Inspection

schedules beyond the first year shall be determined on a case-by-case basis during the permit review process. An agreement between the property owner and the Planning Board shall be executed for privately-owned stormwater systems, which specifies the responsible party for conducting long-term inspections.

C. <u>Reports</u>

Inspection reports shall include: the date of the inspection; an evaluation of the condition of structures and practices used to manage stormwater; and a description of any needed maintenance.

D. Inspection Agreement

The inspection agreement shall allow the Planning Board or its designee to enter the property at reasonable times and in a reasonable manner for the purpose of inspection. Parties responsible for the operation and maintenance of a stormwater management facility shall provide records of all maintenance and repairs to the Planning Board upon request (or as specified in the project approval), and shall retain those records for five years.

If a responsible person fails to meet the requirements of the inspection agreement, the Planning Board may take action to restore a stormwater facility or practice after 30 days written notice. If the violation is an immediate threat to public health or public safety, 24 hours notice shall be sufficient prior to actions required to return the facility or practice to proper working condition. The Planning Board may assess the owner(s) of the facility for the cost of repair work which shall be a lien on the property.

11.0 ENFORCEMENT

The Planning Board or its designee shall enforce these Regulations, and may pursue all remedies for violations, including a written enforcement order. If remediation is required, the order may set forth a deadline when work shall be completed. Said order may advise that failure to remedy violations may require the Town of Leicester to correct violations and to obtain reimbursement from the property owner. Within thirty days after correcting the violation, the violator and the property owner shall be notified of the costs incurred by the Town of Leicester including administrative costs.

Any person who violates the Stormwater Bylaw, or any regulation, or permit issued hereunder, may be punished by a fine of not more than \$ 300. Each day or part thereof that such violation continues shall constitute a separate offense. The decisions or orders of the Planning Board may be appealed to a court of competent jurisdiction. The remedies described in these regulations do not exclude other remedies available under any applicable federal, state or local law.

12.0 SEVERABILITY

The invalidity of any section, provision, paragraph, sentence, or clause of these Regulations shall not invalidate any section, provision, paragraph, sentence, or clause thereof, nor shall it invalidate any permit or determination that previously has been issued.

Adopted by the Leicester Planning Board on September 6, 2011, and amended June 20, 2017*.

*Note: 6/20/2017 amendment was only correction of a typographical error

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STORMWATER BYLAW (New bylaws accepted @ ATM May 5, 08)

1.0 PURPOSE

The purpose of this Bylaw is to protect the public health, safety, and welfare by establishing requirements to better manage stormwater runoff from new development and redevelopment. This Bylaw seeks to meet that purpose through the following objectives:

- 1. Establish stormwater management standards and design criteria that will prevent or reduce sedimentation, flooding, stream erosion, pollution, property damage, harm to aquatic life, and overloading or clogging of municipal drain- age systems.
- 2. Encourage the use of "low-impact development practices", such as reducing the amount of impervious area and preserving existing vegetation;
- 3. Ensure that stormwater management practices will be well-maintained and will continue to function as intended;
- 4. Establish procedures for issuance of stormwater management permits and for the Town's inspection of approved stormwater treatment practices.

2.0 DEFINITIONS

Definitions in Appendix A of this Bylaw shall apply in the interpretation and implementation of the Bylaw. Terms not defined in this Appendix shall be understood according to their customary and usual meaning.

3.0 ADMINISTRATION

A) The Planning Board shall administer, implement and enforce this Bylaw. Any powers granted to or duties imposed on the Planning Board may be delegated in writing by the Planning Board to its employees or agents, as de-fined in the regulations adopted for this Bylaw.

B) Regulations. The Planning Board may adopt and amend rules and regulations for administration of this Bylaw by majority vote of the Planning Board, after conducting a public hearing to receive comments. Such hearing dates shall be advertised in a newspaper of general local circulation, at least fourteen (14) days prior to the hearing date.

C) Stormwater Management Manual. The Planning Board will use specifications and standards that are consistent with the Massachusetts Stormwater Management Policy. This Policy provides criteria for stormwater treatment practices, which are based on engineering, science, monitoring, and maintenance experience. Stormwater treatment practices that are designed, constructed and maintained in accord with these design and sizing criteria will be presumed to be protective of Massachusetts water quality standards.

D) Actions by the Planning Board. The Planning Board may take any of the following actions after reviewing an application for a Stormwater Management Permit - Approval, Approval with Conditions, Disapproval, or Withdrawal without Prejudice.

E) Appeals. A decision of the Planning Board shall be final. Further relief of a decision by the Planning Board made under this Bylaw shall be reviewable in the Superior Court in an action filed within sixty (60) days thereof, in accordance with M.G.L. Ch. 249 § 4.

F) Low Impact Design. The Planning Board may adopt criteria for practices that will qualify as low impact designs, as part of the Regulations authorized by this Bylaw. These criteria will allow applicants the option to use low-impact practices to improve the amount and quality of stormwater runoff.

4.0 APPLICABILITY

A. This Bylaw shall apply to proposed new development including but not limited to residential subdivisions, site plan applications, commercial uses, municipal uses and multi-family dwellings.

This Bylaw shall also apply to other activities that will increase the amount of stormwater runoff or pollutants from a parcel of land or that will alter the drainage characteristics of a parcel of land, unless the activity is listed as an exemption under Section 4.D of this Bylaw.

All new development and redevelopment under the jurisdiction of this Bylaw shall be required to obtain a Stormwater Management Permit from the Planning Board.

B. Redevelopment projects will fulfill the Bylaw requirements if the amount and quality of stormwater is improved from existing conditions. Where site conditions prevent reduction in impervious area, stormwater treatment shall

improve runoff, as determined by the Planning Board.

C. The redevelopment or conversion of land to an automotive salvage yard, fueling facility, storage yard or commercial parking lot, or storage area for road salt or hazardous substances, or other land use with greater potential for pollution, as defined by the Massachusetts Stormwater Policy or the Bylaw regulations, shall require a Stormwater Management Permit.

D. Exemptions. No person shall alter land within the Town of Leicester without having obtained a Stormwater Management Permit for the property with the following exceptions:

- 1. Any activity that will affect an area less than 10,000 square feet, or less than 2,500 square feet if the activity is within the Water Resources Protection Overlay.
- 2. Normal maintenance and improvement of land in agricultural use;
- Timber harvesting under an approved Forest Cutting Plan as defined by the Forest Cutting Practices Act regulation 304 CMR 11.00 and MGL Chapter 132 Sections 40 through 46, and the Town of Leicester Forest Cutting By- law.
- 4. Construction of a single-family dwelling, where "approval is not required" (ANR), as defined in the Subdivision Control Act. Persons constructing a single-family dwelling are encouraged to use stormwater practices and site planning methods to be described in the Town of Leicester Best Development Practices Guidebook;
- 5. Maintenance of landscaping, gardens or lawn areas associated with residential uses;
- 6. Construction of a house addition, garage, deck, patio, retaining wall, shed, swimming pool, tennis or basketball court associated with residential uses;
- 7. Repair or replacement of a roof of an existing building;
- 8. Repair or replacement of an existing septic system;
- 9. The construction of any fence that will not alter existing terrain or drainage patterns;
- 10. Construction of utilities (gas, water, electric, telephone, etc.) other than drainage, which will not alter terrain, ground cover, or drainage patterns;
- 11. Emergency repairs to any stormwater management practice that poses a threat to public health or safety, or as deemed necessary by the Planning Board;
- 12. Any work or projects for which all necessary approvals and permits have been issued before the effective date of this Bylaw.

5.0 STORMWATER MANAGEMENT PERMITS

The Permit Application shall be filed with the Planning Board, and copies shall be provided to other Town Boards, as defined in the regulations adopted for this Bylaw. The permit application shall include information that describes stormwater management practices, including sediment and erosion controls, which will be installed and maintained. Specifications for the application form and the stormwater management information shall be part of the rules and regulations adopted under Section 3 of this Bylaw.

Nothing in this Bylaw is intended to replace the requirements of the Town of Leicester Flood Plain District, Water Resources Protection Overlay District, Wetland Bylaw, or any other Bylaw that may be adopted by the Town of Leicester. Any activity subject to the provisions of the above-cited Bylaws must comply with the specifications of each. A driveway permit from the Highway Superintendent is also required for the construction of any dwelling, as provided in Section 6.2A of the Town of Leicester Zoning Bylaw.

The Stormwater Management Permits will not go into effect until the regulations are adopted by the Planning Board, as provided in Section 3.0 B of this Bylaw.

6.0 ENFORCEMENT

The Planning Board or its authorized agent shall enforce this Bylaw and may pursue all civil and criminal remedies for violations. Enforcement shall be further defined as part of the rules and regulations adopted under Section 3 of this Bylaw.

7.0 AUTHORITY

This Bylaw is adopted under the authority granted by the Home Rule Amendment of the Massachusetts Constitution, and pursuant to the regulations of the federal Clean Water Act, and as authorized by the residents of Leicester at Town Meeting, dated May 5, 2008.

8.0 SEVERABILITY

The invalidity of any section, provision, paragraph, sentence, or clause of this Bylaw shall not invalidate any section, provision, paragraph, sentence, or clause thereof, nor shall it invalidate any permit or determination that previously has been issued.

APPENDIX A DEFINITIONS

ALTER: Any activity, which will measurably change the ability of a ground surface area to absorb water or will change existing surface drainage patterns.

STORMWATER MANAGEMENT PRACTICES: Structures and techniques that prevent flooding, reduce pollution, and protect local rivers, streams, lakes and water supplies.

BETTER SITE DESIGN: Site design techniques that can reduce environmental impacts, such as protecting existing vegetation, reducing impervious areas, and using natural drainage ways for stormwater management.

IMPERVIOUS AREA: A material or a structure that prevents water from entering the underlying soil, such as paved parking lots, paved roads, sidewalks, and buildings.

MASSACHUSETTS STORMWATER MANAGEMENT POLICY: The Policy issued by the state Department of Environmental Protection, which provides performance standards to prevent water pollution and control the amount of runoff from new development.

PERSON: Any individual, group of individuals, association, partnership, corporation, company, trust, estate, a political subdivision of the Commonwealth or the federal government, to the extent subject to the Bylaws of the Town of Leicester.

PRE-DEVELOPMENT: The conditions that exist at the time that plans for the land development of a tract of land are submitted to the Planning Board. Where phased development or plan approval occurs (preliminary grading, roads and utilities, etc.), the existing conditions at the time prior to the first plan submission shall establish pre-development conditions.

POST-DEVELOPMENT: The conditions that reasonably may be expected after completion of the land development activity on a specific site or tract of land. Post-development does not refer to the construction phase of a project.

REDEVELOPMENT: Any construction, alteration, or improvement exceeding land disturbance of 10,000 square feet, where the existing land use is commercial, or institutional.

PLANNING BOARD: The Town of Leicester Planning Board OR its authorized agent(s). The Planning Board is responsible for coordinating the review, approval and permit process as defined in this Bylaw. Other Boards and/or departments will participate in the permit process as defined in the rules and regulations adopted by the Planning Board.

STORMWATER MANAGEMENT PERMIT (SMP): A permit issued by the Planning Board, which protects the streams, lakes and water supplies in the Town from the adverse effects of uncontrolled and untreated stormwater runoff.

LOW IMPACT DESIGN: Low impact practices allow for the reduction of impervious areas that result in smaller

volumes required for stormwater storage. These site design techniques can reduce the size and costs of stormwater collection systems and detention basins.