

ORDINANCE NO. 33-2006

**AN ORDINANCE ESTABLISHING A STORM WATER QUALITY MANAGEMENT PLAN THAT DEVELOPS, IMPLEMENTS, MANAGES, AND ENFORCES A PROGRAM TO ADDRESS DISCHARGES OF POSTCONSTRUCTION STORM WATER RUN-OFF.**

WHEREAS, the Town of Plainfield, Indiana (the "Town") owns a storm water system for the purpose of collecting and conveying storm water run-off; and

WHEREAS, the Town has been designated as being a municipal separate storm sewer system (MS4); and

WHEREAS, the Town is required by the State under 327 IAC 15-13 to establish a storm water quality management plan to develop, implement, manage, and enforce a program addressing discharges of postconstruction storm water run-off from new development and redevelopment areas.

BE IT ORDAINED BY THE Town Council of the Town of Plainfield, Indiana;

Section 1. Applicability

(a) New development and redevelopment areas that disturb one (1) or more acres of land or disturbances of less than one (1) acre of land that are part of a larger common plan of development or sale if the larger common plan will ultimately disturb one (1) or more acres of land within the MS4 area shall meet the requirements of this Ordinance.

Section 2. Postconstruction Storm Water Quality Management Plan Policy

(a) Procedures shall be utilized to promote improved water quality, and a postconstruction storm water pollution prevention plan shall be submitted to the Town for review for each new and redevelopment site. The plan must include the following information:

(1) A description of potential pollutant sources from the proposed land use that may reasonably be expected to add a significant amount of pollutants to storm water discharges.

(2) Location, dimensions, detailed specifications, and construction details of all postconstruction storm water quality measures. Postconstruction storm water quality measures shall be located within platted drainage easements, and adequate access easements or right-of-way shall be provided to allow access to the postconstruction storm water quality measure locations.

(3) A description of measures that will be installed to control pollutants in storm water discharges that will occur after construction activities have been completed. Such practices include infiltration of run-off, flow reduction by use of open vegetated swales and natural depressions, buffer strip and riparian zone preservation, filter strip creation, minimization of land

disturbance and surface imperviousness, maximization of open space, and storm water detention ponds.

(4) A sequence describing when each postconstruction storm water quality measure will be installed.

(5) Storm water quality measures that will remove or minimize pollutants from storm water run-off.

(6) Storm water quality measures that will be implemented to prevent or minimize adverse impacts to stream and riparian habitat.

(7) An Operations & Maintenance (O&M) Manual that includes a narrative description of the maintenance guidelines for all postconstruction storm water quality measures to facilitate their proper long term function. This O&M manual shall clearly state that the BMP shall be owned by the developer/property owner, and that any and all maintenance and repair activities shall be paid for by the owner. The requirements of the O&M manual shall remain in effect regardless of change in ownership of the development. It shall be the responsibility of the BMP owner to provide the O&M manual to future parties who will assume responsibility for the operation and maintenance of the postconstruction storm water quality measures.

(8) The Town or its representatives shall have the right to access the site for inspection of the storm water quality BMP. Any maintenance or repairs that are required as a result of the Town's inspection shall be paid by the owner.

(9) Supporting calculations and documentation demonstrating the adequacy of the selected postconstruction storm water management measures in a report that is signed and stamped by a Professional Engineer.

(a) Any other information and provisions required by the Town, or as specified in the Town Standards.

(b) For purposes of establishing a minimum storm water quality treatment level required of new and redevelopment sites, the Town's storm water quality policy shall be based on the reduction of Total Suspended Solids (TSS) through the use of Best Management Practices (BMP). The proposed methodology within the Town's MS4 area shall meet the requirements outlined within Chapters 8 and 9 of the Hendricks County Stormwater Technical Standards Manual. The use of specific BMP described within the Hendricks County Stormwater Technical Standards manual are required to be approved by the Town, and a list of pre-approved (as well as prohibited) BMP will be provided in the Town Standards. A non pre-approved BMP may be proposed provided that independent, third-party documentation is provided to the Town which demonstrates that a minimum treatment level of 80% TSS removal shall be achieved. Regardless of the BMP utilized, each site shall incorporate methods to capture floatables (oils, debris, etc.).

(c) Where appropriate, any combination of storage, infiltration, filtering, or vegetative practices shall be used to reduce the impact of pollutants in storm water run-off on



receiving waters. In addition to the combination of practices, the following requirements shall be utilized:

- (1) Infiltration practices will not be allowed in wellhead protection areas.
- (2) Discharges from an MS4 area will not be allowed directly into sinkholes or fractured bedrock without treatment that results in the discharge meeting Indiana ground water quality standards as referenced in 327 IAC 2-11.
- (3) Any storm water practice that is a Class V injection well must ensure that the discharge from such practices meets Indiana ground water quality standards as referenced in 327 IAC 2-11.
- (4) As site conditions allow, the rate at which water flows through the MS4 conveyances shall be regulated to reduce outfall scouring and stream bank erosion.
- (5) As site conditions allow, a vegetated filter strip of appropriate width shall be maintained along unvegetated swales and ditches.
- (6) New retail gasoline outlets, new municipal, state, federal, or institutional refueling areas, or outlets and refueling areas that replace their existing tank systems shall be required to design and install appropriate practices to reduce lead, copper, zinc, and polyaromatic hydrocarbons in storm water run-off.

### Section 3. Postconstruction Storm Water Quality Management Review and Approval

- (a) No applicant shall be granted Construction Plan Approval or Building Permit Approval, or in the case where a Building Permit is not required, Improvement Location Permit Approval, without the review and approval of a Postconstruction Stormwater Management Plan and issuance of an Storm Water Quality Permit by the Town.
- (b) The Storm Water Quality Management Permit Application, with accompanying documentation shall be submitted with the number of copies identified on the Town provided application form.
- (c) In order to defray the Town's administrative costs associated with the review and issuance of the Storm Water Quality Permit, the Applicant shall, prior to receiving a Notice of Permit Approval or Conditional Notice of Permit Approval, pay such fees as required by "An Ordinance Establishing Fees and Permits for the Town of Plainfield" including any amendments to or replacements of such Ordinance.

Section 4. Severability

(a) The provisions and sections of this ordinance shall be deemed to be separable, and the invalidity of any portion of this ordinance shall not affect the validity of the remainder.

Passed and adopted by the Town Council of the Town of Plainfield on this 9<sup>th</sup> day of October, 2006.

Robin G. Brandgard  
Robin G. Brandgard, President

Bill Kirchoff  
Bill Kirchoff, Vice-President

Kent McPhail  
Kent McPhail, Member

Daniel W. Fivecoat  
Daniel W. Fivecoat, Member

Edmund L. Gaddie, Jr., Member

ATTEST:

Wesley R. Bennett  
Wesley R. Bennett, Clerk-Treasurer of  
The Town of Plainfield, Indiana

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