

ROSEVILLE
RESIDENTIAL STORM WATER PERMIT POLICY
Public Works Department

1. Statement of Policy

The City of Roseville Public Works Department will administer a Residential Storm Water Permitting Program in accordance with City Code. The City believes that controlling the quantity and quality of storm water runoff from single-family residential lots that increase impervious surface addresses water quality concerns and future costs of infrastructure upgrades and maintenance.

2. Purposes

- a. Limit the volume of storm water runoff from new / reconstructed impervious surfaces.
- b. Require homeowners to be accountable for the ongoing maintenance and operation of installed Best Management Practices (BMPs) and to ensure that the BMPs remain with the property for the life of the improvement.

3. Application

This permit applies to owners of developed home lots with single-family use and/or zoning who propose projects creating new impervious surfaces. Impervious surfaces include, but are not limited to, home additions, accessory building installations, new patios or patio expansions, new walks or walkway additions, driveway expansions, and other hard surfaces that otherwise impede infiltration of storm water runoff. To apply under this policy a project must:

- a. Increase the overall impervious area of the lot to greater than 25% of the overall lot area if the lot is within a Shoreland or Wetland Management District,
- b. Increase the overall impervious area of the lot to greater than 30% of the overall lot area for all other lots.

4. Exclusions

This policy excludes the following:

- a. All other zoning and land uses, except for single-family residential home lots.
- b. New residential subdivision developments implementing regional or common-lot stormwater BMP's maintained by the City or a homeowner's association.

5. Provisions, Requirements and Basis of Permit

An applicant must provide storm water BMP's that capture the difference in runoff volume between the existing and proposed impervious surfaces based on 1.1 inch storm event. The volume of runoff (typically expressed in units cubic feet) from any impervious surface ($V_{IMP.RUNOFF}$) based on the 1 inch storm event is computed by taking product of the

impervious surface area ($A_{\text{IMPERVIOUS}}$, typically in square feet) times the depth of the 1.1 inch rainfall event (0.092, converted to feet) or,

$$V_{\text{IMP.RUNOFF}}(\text{cf}) = A_{\text{IMPERVIOUS}}(\text{sf}) \times 0.092(\text{ft})$$

The volume control required (V_{REQ}) is equal to the difference between the volume of runoff from all impervious surfaces on the property after the completed project (V_{PROPOSED}) and the runoff volume from prescribed limits for impervious surfaces as follows:

- a. For lots within a Shoreland or Wetland Management District, the runoff volume from an impervious surface limit of 25% ($V_{25\%}$) or,

$$V_{\text{REQ}} = V_{\text{PROPOSED}} - V_{25\%}$$

- b. For all other single-family residential lots, the runoff volume from an impervious surface limit of 30% ($V_{30\%}$) or,

$$V_{\text{REQ}} = V_{\text{PROPOSED}} - V_{30\%}$$

6. Other Design Provisions and Requirements

- a. Installed BMPs must draw down in 48 hours or less.
- b. The homeowner shall conduct inspections and maintenance of installed BMPs and submit an annual report to the City ensuring that the BMPs are performing their intended function.
- c. Every 5 years, the homeowner shall have a third party certified in storm water BMP design inspect the garden and provide a documented inspection report. The homeowner shall submit the reporting form with the report to the City.

7. Help

Permit Questions?

Contact the City of Roseville Public Works Department at (651) 792-7004

8. References

- a. Roseville City Code Chapter 1004.08 Section C