



Bureau of Clean Water



Proposed PAG-01 NPDES General Permit

Water Resources Advisory Committee

July 25, 2019

Tom Wolf, Governor

Patrick McDonnell, Secretary

PAG-01

- Chapter 102 Listening Sessions in 2017 identified a “small project general NPDES permit” as the number one need for both the regulated community and county conservation districts.
- Work on PAG-01 began in 2017 to address this need.

PAG-01

- Would apply to earth disturbances less than five acres, subject to additional qualifiers.
- Would be limited to 20,000 SF of impervious surface and 12% of impervious over project site.
- Goal is to simplify preparation and reviews of post-construction stormwater management (PCSM) plans for small projects.

Eligibility Requirements

The following summarizes the eligibility requirements for PAG-01 (not comprehensive):

- Discharges to HQ/EV waters are not eligible
- Discharges to combined sewer systems are not eligible
- Use of PCSM BMPs in areas of known sinkholes or closed depressions is prohibited

Eligibility Requirements (Cont.)

- Soils contaminated above residential Act 2 standards are not eligible
- Projects must be on the same or contiguous tax parcels except off-site support activities
- Non-stormwater discharges are prohibited except certain authorized discharges
- No runoff from off-site impervious areas may flow onto project site

Standards of PAG-01

- DEP engaged Villanova University to assist with developing technical criteria for PAG-01.
- Applicants would select one or more of three standards to treat stormwater runoff:
 - Site Restoration (approximate original condition);
 - Rooftop Standard (concentrated flow); and
 - Roadway Standard (sheet flow).
- Rooftop and Roadway Standards have a suite of BMP alternatives that can be selected.

Objectives of PAG-01

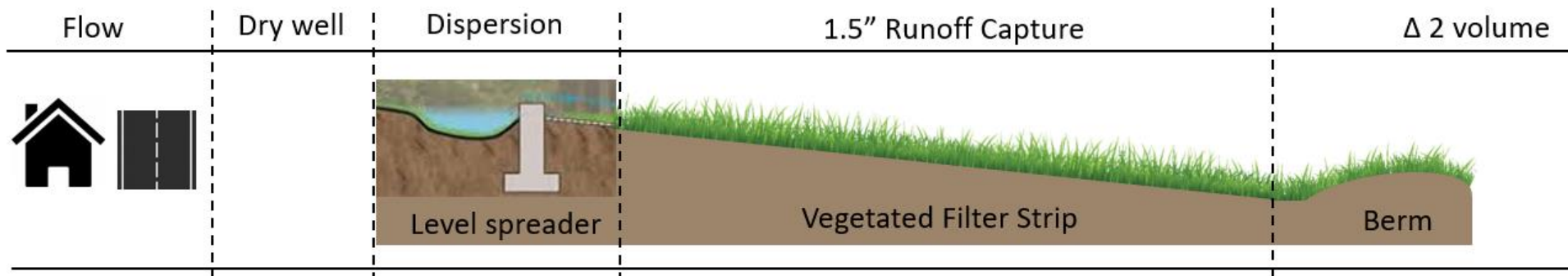
- Limit areas of impervious surface.
- Sustainable green solutions (disconnection practices).
- Remove 1.5-inch storm (“first flush”).
- Meet $\Delta 2$ volume and peak rate from 10-, 25-, 50-, and 100-year/24-hour storm events.

BMP Alternatives

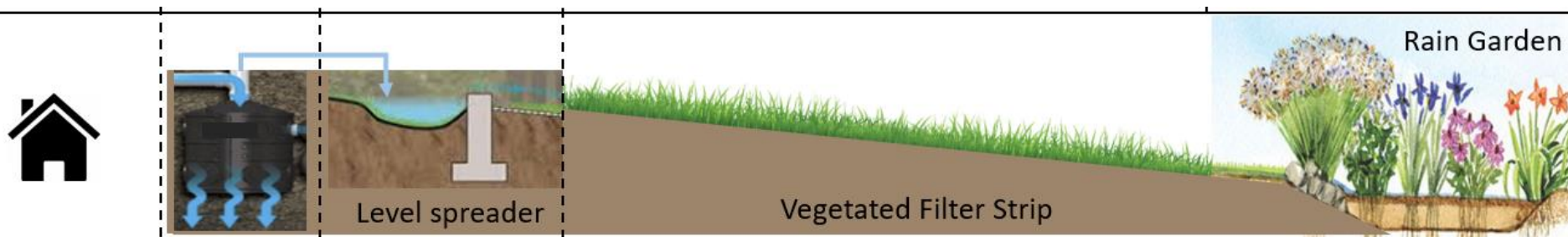
- Site Restoration Examples:
 - Projects that will restore the area of earth disturbance to approximate original condition or will otherwise involve no change or a decrease in the area of pre-construction impervious surfaces.
 - Environmental enhancement projects.
 - Demolition projects where vegetation will be established and no redevelopment is planned.
 - Slope stabilization projects not associated with a road maintenance activity.

BMP Alternatives

- Rooftop Standard:

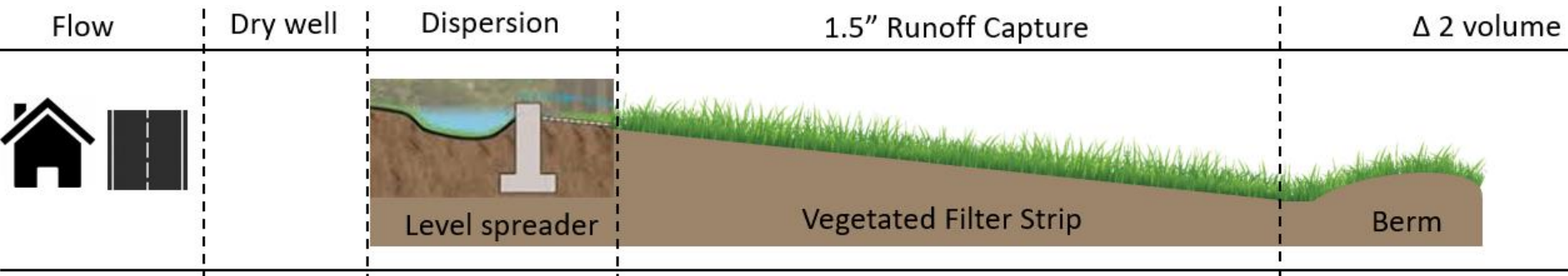


OR:

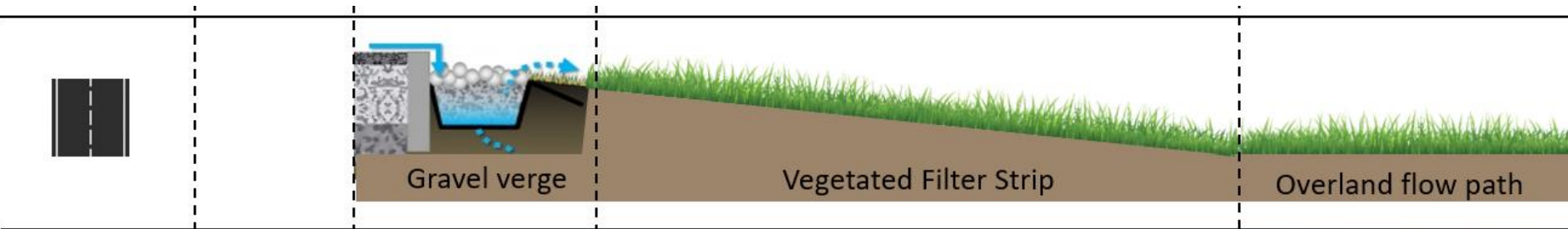


BMP Alternatives

- Roadway Standard:



OR:



Next Steps

- Currently under review by the Agricultural Advisory Board
- Publication of draft general permit in Summer/Fall 2019
 - Coordination with EPA required
- Publication of final general permit in Winter or Spring 2020



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