

Best Management Practices



Stormwater best management practices (BMPs) are control measures taken to mitigate changes to both quantity and quality of urban runoff caused through changes to land use


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3rd Avenue Floodwater Mitigation BMPs

 City of New Bern



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Bioswales

What are they?

Bioswales are grassy channels along road-sides used to collect and better drain water

What can you do?

Keep them clean of debris and trash

Wetlands

What are they?

Wetlands are grassy regions filled with 'thirsty' plants capable of tolerating large amounts of standing water while beautifying the surrounding area.

What can you do?

Keep them clean of debris and keep plants healthy during lesser rain events

Greenways

What are they?

Greenways are composed of alternative surfaces such as gravel, cobble, wood, mulch, brick, or natural stone that form an aesthetic pathway while improving rainwater infiltration.

What can you do?

Keep them clean of debris to prevent clogging and assure their natural beauty

Proposed BMPs for 3rd Avenue



The diagram above summarizes the best management practices recommended for 3rd avenue, and the approximated locations of each practice

Rain Barrels

What are they?

Rain barrels are containers that collect water during rain events.

What can you do?

Empty them in nearby water collection areas when they are full to prevent overflow

Gutters

What are they?

Gutters channel water from your roofs to nearby water collection areas

What can you do?

Remove leaves that hamper draining, and regularly clean to prevent clogging

Alternate Pavement

What are they?

Alternative pavers are cement or plastic grids filled with gravel or grass. They provide better infiltration in low traffic areas

What can you do?

Refill/replace displaced or broken grids and regularly monitor to prevent clogging

