

Maximizing EWN in Urban Landscapes and Environments

PROBLEM

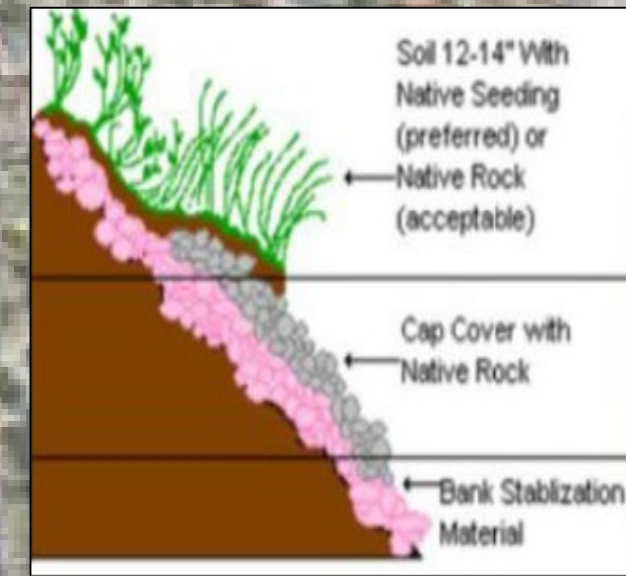
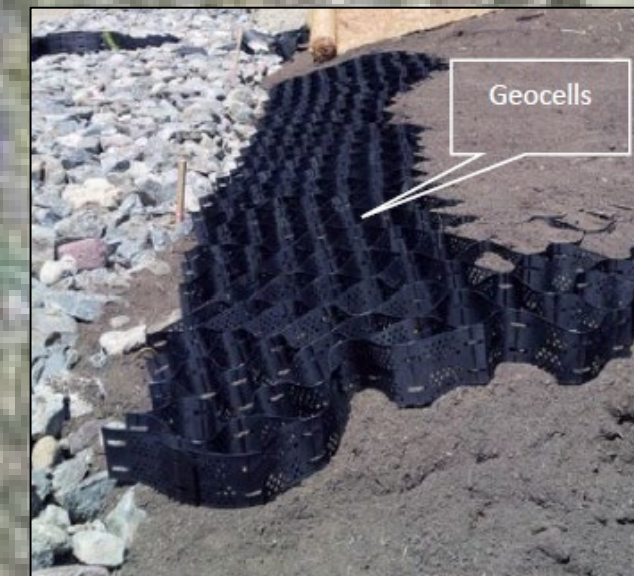
- Increased flooding
- Reduced water quality
- Loss of valuable habitat

SOLUTION

- Communicate need for applying EWN principles to urban landscapes
- Apply EWN principles to select urban landscapes/watersheds
- Evaluate and communicate resulting benefits associated with these projects

IMPACT

- Reduces flood risk to high populated areas
- Innovative designs consistent with EWN producing multiple benefits
- Minimize environmental and economic impacts





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WHAT'S NEXT

With additional resources, we will collaborate to implement EWN across urban landscapes.

APPLICATIONS

- Past- USACE MVN and the City of New Orleans (SELA)
- Current- multiple districts (MVN, LRC, NWO): Santiago Creek and Colorado General Investigation
- Current and Future- USEPA and FEMA partnerships

STATUS

- Tech Note- FY21; project design/details published to webpage- FY22; monitoring and quantifying benefits- FY23; TR/JA- FY23
- EWN Tech Note completed Sept 2021
- Participating in USEPA's Greening America's Communities workshops

BENEFITS

- Broadly communicating need for EWN applications in this space
- Broaden spectrum of EWN benefits
- Establishes EWN role in urban landscapes