Snohomish County

- Average 48 inches of rainfall annually
- Flooding, Erosion and Pollution are common issues
- Outdated stormwater modeling created undersized stormwater mitigation system in the county
Stormwater Mitigation Program

- Provide GSI support to local homeowners, farmers, businesses & cities.
- GSI BMP’s include: Rain Gardens, Rainwater Harvesting, Dispersion, Pond Retrofits, Grey/Green Hybrid Retrofits.
- Partner with Cities, Ports, University Extension programs and local Non-Profits to reach cooperators.
- Perform feasibility studies cooperatively with Cities, Ports and Tribes to help update stormwater infrastructure.
What does a typical project involve?

• Site visit to view problem areas and discuss plans.
• Prepare a design. Typically 3 page plan set with materials list, plan view of site and sections/details of proposed BMP’s.
• Team reviewed cost share application.
• Construction with the use of a crew. We provide up to 2 days of labor, and the cooperator pays for all the materials/equipment rental.
Typical Cooperators

-Urban & Suburban residents
-Hobby Farmers
-Horse Properties
-Commercial Buildings
-City Owned Property
How is it Funded?

-On July 2010, SCD began receiving an annual Tax Assessment of $5 per parcel in our District. 1/5 was designated for “Urban/Suburban” use. This created seed money for our GSI program.

-We use the Tax Assessment as leverage to gain access to other funding. We have over 25 different funding sources we pull from for the program.
Relationships with Cities

- Discovered most cities struggle with a shortage in staff time.
- Benefit hugely from “short” intensive project supplements from the CD.
- Services include:
  - Feasibility Studies
  - Public Retrofit Projects
  - New Program Development
  - Educational Development
City Project Examples
Questions?

Derek Hann P.E.
Design Engineer
(425) 377-7012
derek@snohomishcd.org