



NEMO – Pervious Surfaces– Jan 22, 2010

Topic: Pervious Surfaces

Output: PPT 20-40 Slides

Audience: Elected Officials

[Introductory Slides of NEMO & Urban Stormwater (Julie will be doing those basic slides)]

Objectives:

- Participants will have an increase awareness of the NEMO program and what it has to offer
- Participants will have a basic understanding of stormwater run-off and problems
- Participants will understand the benefits of pervious surfaces, the roles pervious surfaces play in stormwater management as well as their limitations
- Participants will understand what policy and programming actions they can take to promote and install pervious surfaces in their city.

Outline of presentation

- 1) Introduction
- 2) NEMO background & Stormwater Runoff (NEMO slides) (4-6 Slides)
- 3) Pervious Surfaces
 - a. What is it?
 - b. How do they work?
 - c. Case Studies
 - i. 2-3 example with data
 1. Tell a story
 - a. Procedures
 - b. Application
 - c. What we used
 - d. Public Perception
 - e. Cost
 - f. Monitoring data
 - g. Benefits
 - h. Maintenance
 - i. Policies
 - j. Highlights engineer system

- k. Myths
 - l. Bring Professional Engineer names
 - ii. Other examples
 - Schmelz countryside auto (can't park cars on a stormwater pond) LARK
 - Robbinsdale Abbott/Xenus AMY
 - Minneapolis Animal Control LARK
 - Mound porous concrete JULIE
 - Ramsey Washington Watershed District JULIE V – check to see if they have a synopsis
 - Baxter Example JOHN
 - Medina Pervious Concrete Julie
 - Bloomington Harrison Park – porous asphalt Scott Anderson - Claire
 - TCF Bank Stadium – Reinforce Turff System - ANNA & JOHN
 - Blaine JOHN
 - Cellular confinement
 - Local fire truck unloading
 - d. Take away message
 - i. Limitations
 - ii. Benefits
 - iii. Usage
 - iv. Cost
 - v. Etc.
 - e. Take Away stormwater management
- 4) Questions
- 5) Backslide
- a. Contamination/Hazardous Waste
 - b. Future Research
 - c. New Technologies

Treats: Rice Krispy treats