

MEETING SUMMARY NOTES
EVALUATION OF STORMWATER GENERAL PERMIT AND LID
(Contract # PS2010-10172)
WORKSHOP 5—December 15, 2010; PHOENIX AUDITORIUM

DISTRIBUTION: Attendees and Other Project Partners
DATE: March 18, 2011

The following discussion summarizes the December 15, 2010 Workshop for the Evaluation of Stormwater General Permit and Low-Impact Development held at the Department of Environmental Protection Offices (79 Elm Street, Hartford, CT) in the Phoenix Auditorium.

A list of workshop attendees is provided at the end of this summary.

INTRODUCTIONS

Opening Remarks

MaryAnn Nusom Haverstock opened the meeting. She thanked the partners for their continued participation, noted the excellent progress being made, and then turned the agenda over to Fuss & O'Neill.

Introductions

Jim Riordan of Fuss & O'Neill gave a PowerPoint Presentation, entitled "Introductions, Meetings, and the Web Page."

Web Page

Jim reintroduced the project web page on DEP's website:

http://www.ct.gov/dep/cwp/view.asp?a=2719&q=459488&depNav_GID=1654

The web page continues to be used to provide project partners and other interested parties with general project information, schedules, and deliverables. Meeting materials for Partner Workshop 5 are provided on the website.

REVIEW OF TECHNICAL MEMORANDUM (TM) 4

Jim led a review of TM 4, entitled as follows:

- *Technical Memorandum 4: Low Impact Development Guidelines and Standards*

CONSTRUCTION GENERAL PERMIT

Nisha Patel provided a brief overview of the status of the reissuance of the construction general permit (CGP). DEP has incorporated LID as part of the draft CGP using a volume

standard. The permit recognizes that LID may not be ideal for every site and therefore adjusted standards have been incorporated where LID is not practicable.

FARMINGTON RIVER ENHANCEMENT GRANTS

MaryAnn Nusom-Haverstock provided a brief overview of the Farmington River Enhancement Grants. Funding for this initiative was made possible as a settlement (i.e., supplemental environmental project (SEP)). The funding allows towns in the Farmington River Watershed to develop town-specific engineering standards for stormwater and LID guidance. Several towns are in process on these projects. Plainville just recently completed an LID guidance document.

REVIEW OF DRAFT FINAL REPORT

Jim led a review of the overall project as outlined in the draft final report with a PowerPoint presentation.

PARTNER INVOLVEMENT IN IMPLEMENTATION

Jim introduced an action planning activity, for LID standards and the SGP, through a PowerPoint presentation. The purpose of the activity was to:

- Develop a compelling, concise statement of partner commitment.
- Identify key actions through card storming and clustering actions into groups.

The action planning activity included the following steps:

- Develop commitment statement (20 minutes).
- Split into self-selected groups for clustering actions (30 minutes). Groups addressed the following four alternatives:
 - Public education
 - Technical assistance
 - Training
 - Stormwater utilities
- List out activities, as a group, on easel board and begin to schedule activities (45 minutes).

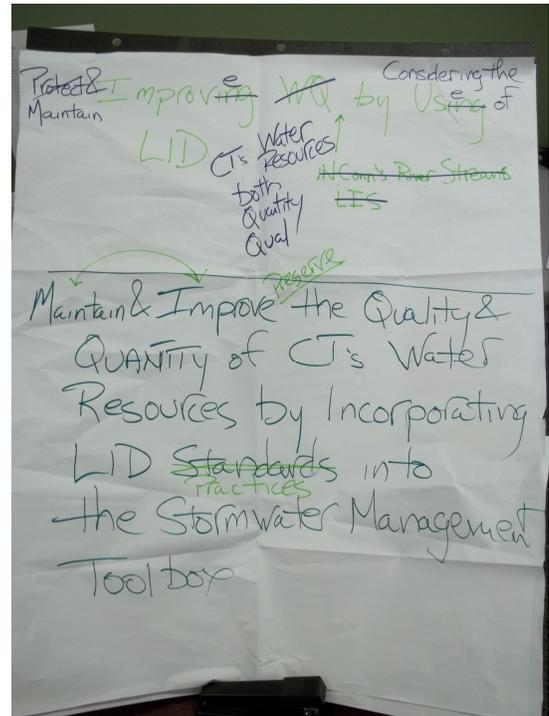
Commitment Statement

For the purposes of this exercise a commitment statement is akin to a mission statement for an organization. It represents the Project Partner's agreed-to strategic purpose. The following "commitment statement" was developed by the partners:

Improve, maintain, and preserve the quality and quantity of Connecticut's water resources by incorporating LID practices into the stormwater management toolbox.

Card Storming

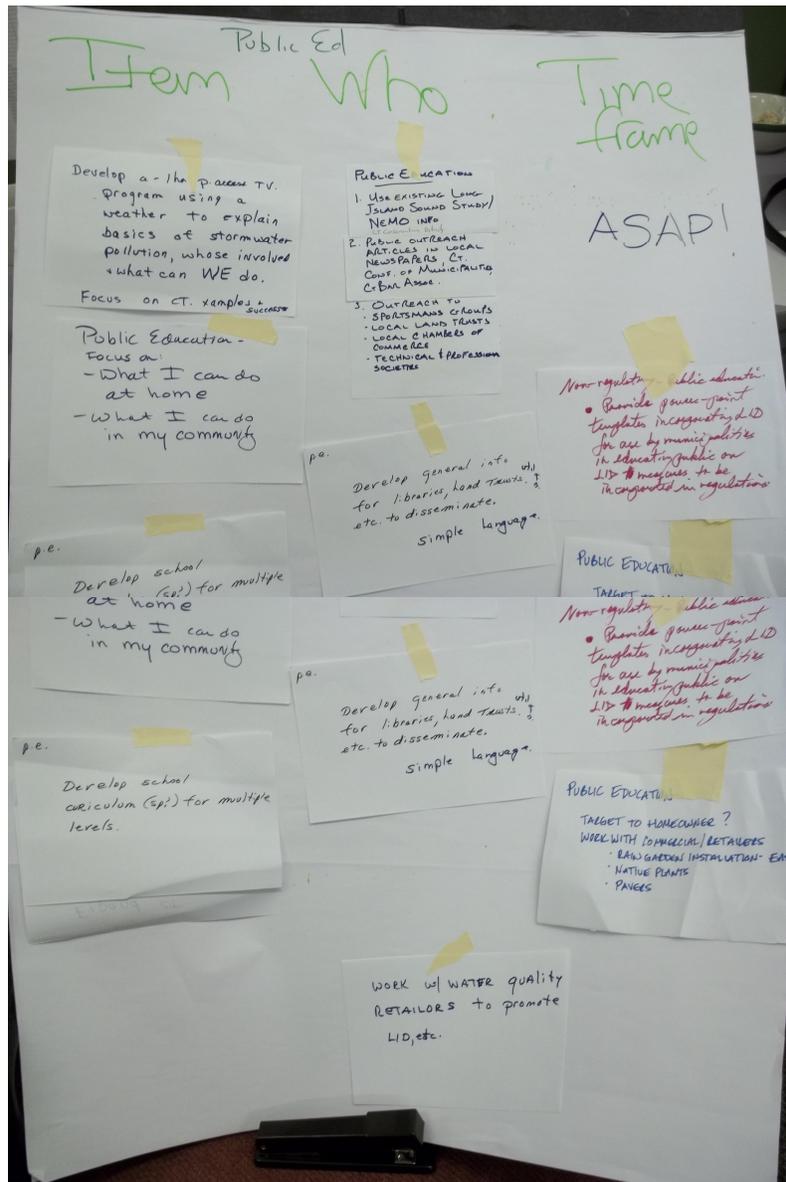
Card storming was used to develop key actions for implementation. The actions were then clustered under four alternatives (public education, technical assistance, training, and stormwater utilities). Several actions were also identified that did not fall under the four alternatives.



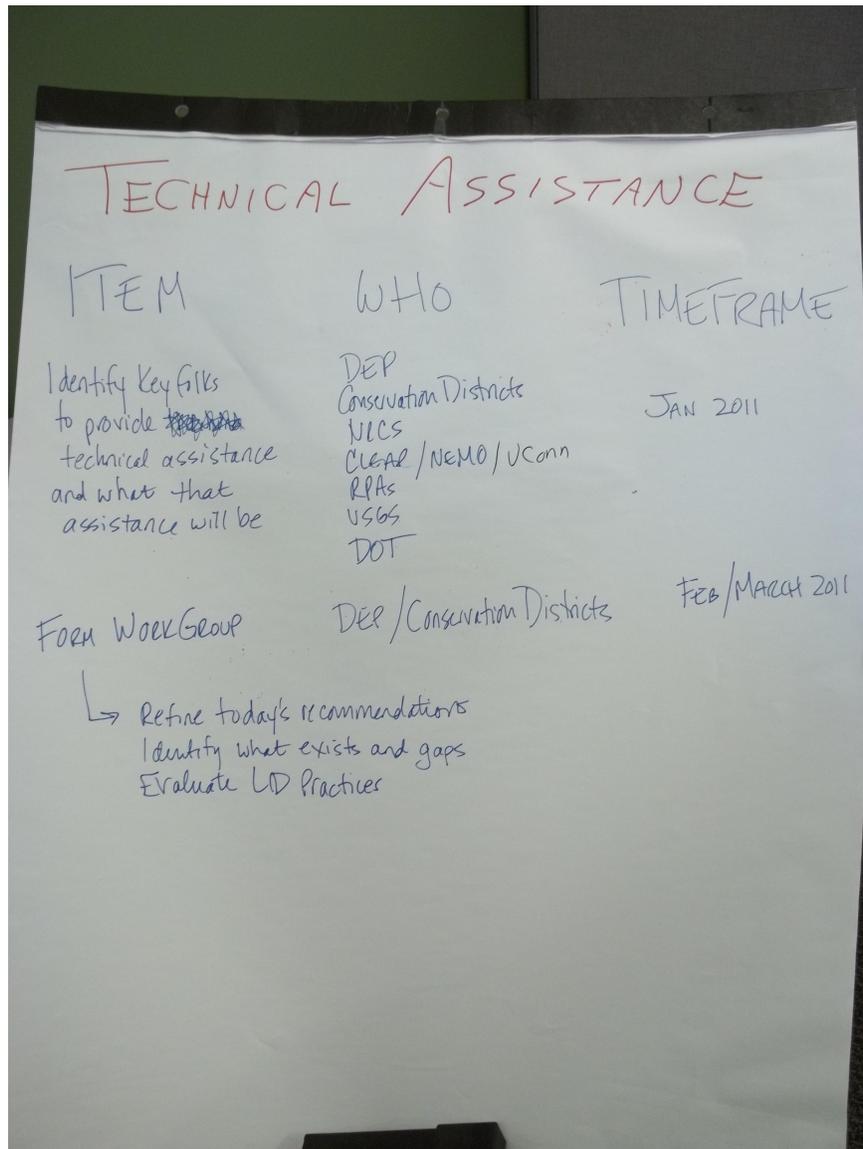
The written results on each easel board are provided below:

Item	Who	Time Frame
Public Education		
Develop a 1-hour public access program using a meteorologist/weather forecaster to explain the basics of stormwater pollution, who is involved, and what we can do. Focus on Connecticut examples and successes		ASAP
Focus on "What I can do at home" and "What I can do in my community"		ASAP
Develop school curriculum for multiple levels.		ASAP
Use Existing Long Island Sound Study/NEMO information	Connecticut Conservation Districts	ASAP
Public outreach articles in local newspapers	Connecticut Conference of Municipalities, Connecticut Bar Association	ASAP
Outreach to: <ul style="list-style-type: none"> • Sportsman groups • Local land trusts • Local chambers of commerce • Technical and professional societies 		ASAP
Develop general information for libraries, land trusts,		ASAP

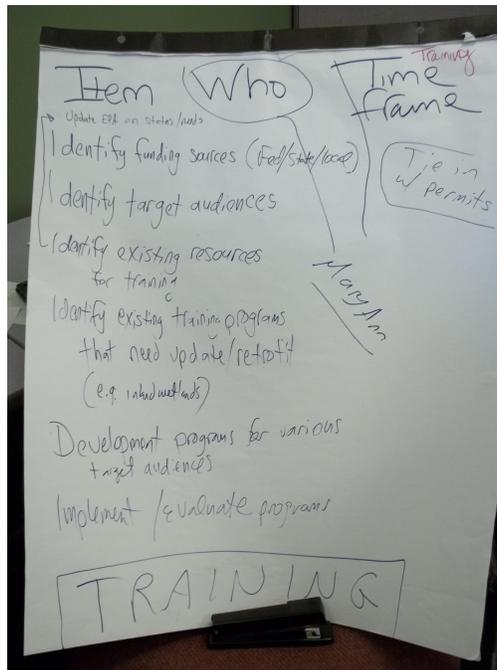
utilities, etc. to disseminate (Simple language)		
Work with water quality retailers to promote LID, etc.		ASAP
Provide power point templates incorporating LID for use by municipalities in educating public on LID measures to be incorporated in regulations.		ASAP
Target to homeowner? Work with commercial/retailers <ul style="list-style-type: none"> • Rain garden installation – easy • Native plants • Pavers 		ASAP



Technical Assistance		
Identify key people to provide technical assistance and what that assistance will be.	DEP Conservation Districts NECS CLEAR/NEMO/UConn RPAs USGS DOT	January 2011
Form workgroup – Refine today's [Workshop 5] recommendations; Identify what exists and gaps; evaluate LID practices.	DEP/Conservation Districts	February/March 2011

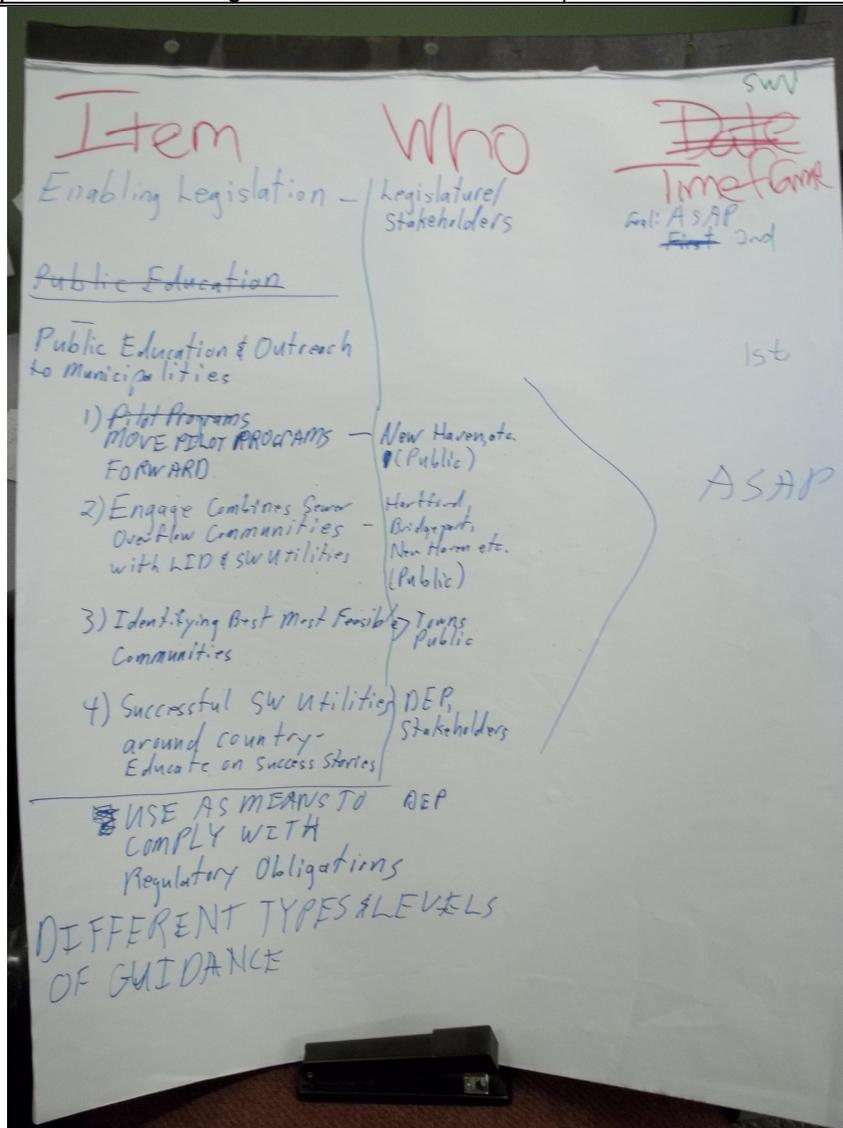


Training		
Identify existing resources for training		
Update EPA on status/needs		Tie in with Permits
Identify funding sources (federal/state/local)		
Identify target audiences		
Identify existing training programs that need update/retrofit (e.g., Inland wetlands)		
Develop programs for various target audiences		
Implement/evaluate programs		



Stormwater Utilities		
Enabling legislation	Legislature, Stakeholders	ASAP (2 nd)
Public education and outreach to municipalities:		
<ul style="list-style-type: none"> Move pilot programs forward 	New Haven, etc. (Public)	ASAP (1 st)
<ul style="list-style-type: none"> Engage combined sewer overflow communities with LID and stormwater utilities. 	Hartford, Bridgeport, New Haven, etc. (Public)	
<ul style="list-style-type: none"> Identifying best/most feasible communities 	Towns, Public	
<ul style="list-style-type: none"> Successful stormwater utilities around the country – Educate on success stories 	DEP, Stakeholders	
Use as means to comply with regulatory obligations	DEP	

Different types and levels of guidance



NEXT STEPS

A follow-up workshop has not yet been scheduled; however, it is recommended that such a meeting would focus on determining further detail in partner involvement and implementation, brief overview of the final report, and development of LID appendices for the *Stormwater Quality Manual* and *Soil Erosion and Sediment Control Guidelines*.

ATTENDEES

Attendees of the December 15, 2010 workshop are listed below in alphabetical order by affiliation.

Mary-Beth Hart	Connecticut Department of Environmental Protection OLISP
Chris Malik	Connecticut Department of Environmental Protection/NPS Program
MaryAnn Nusom Haverstock	Connecticut Department of Environmental Protection/NPS Program
Eric McPhee	Connecticut Department of Public Health
Paul Corrente	Connecticut Department of Transportation—Environmental Planning
Darin Overton	Connecticut Home Builders
John Carrier	Connecticut Home Builders
Virginia Mason	Council of Governments Central Naugatuck Valley
Judy Rondeau	ECCD
Jim Riordan	Fuss & O'Neill
Phil Moreschi	Fuss & O'Neill
Terrance Gallagher	Luchs
Greg Sharp	Murtha Cullina, LLP
Michael Dietz	University of Connecticut—Nonpoint Education for Municipal Officials