

**Delaware Direct Watershed Partnership Meeting**  
**Wednesday, June 9, 2010**  
**9:00 am to 11:00 pm**  
**Delaware River Waterfront Corporation**

**1-Welcome and Introductions:** See attendee list at end of notes.

**2-Complete facilitated discussion of goals and objectives for Integrated Watershed Management Plan.** Discussion led by Mark Maimone of CDM:

- Goals are what watershed stakeholders wish to achieve, while objectives are measurable parameters to achieve in order to meet goals.
- March 31, 2010 meeting focused on Goals 1 through 5. Comments received at March meeting and in writing afterward have been incorporated into these goals/objectives. Mike Thompson raised one issue regarding Objective 4.3. He suggested that this objective (ID and pursue opportunities for wetland creation for stormwater treatment) include opportunities at vacant and abandoned lands. PWD acknowledged that they would support these types of projects, but that they would not adopt a formal vacant/abandoned land program. No other discussion of Goals 1 through 5. See list of goals and objectives at “Goals/Objectives and Green Street Presentation” at [http://www.phillywatersheds.org/del\\_working](http://www.phillywatersheds.org/del_working)
- Discussion focused on Goals 6 through 8:
  - Objective 6.1: **confirm that corridors refer to gateway streets that connect people to the river.** PWD will address stormwater management aspects of these gateway streets. Paul Lonie noted that one example of this type of project in the Delaware Avenue extension work, which will include disconnection of about half the existing pavement. DRCC is working with PWD on this project. Paul Lonie also suggested that stormwater be cleaned before being discharged to the river. This is required for new development, and will be required under new PWD stormwater rate system.
  - Objective 6.2: This includes adding a second trash skimmer.
  - Objective 7.1: **More confirmation on what this means? E.g. park development (e.g. Pier 53), fishing access, trails. Paul Lonie suggested community outreach to promote riverfront access.**
  - Objective 7.2: PWD confirmed that this will include limited number of CSO's (1-2), where there is a clear relationship between CSO and land use. **May include CSO disconnect or trash collection.** Tom Potts suggested Pulaski Park as candidate for CSO disconnection.
  - Objective 7.3: PWD will partner on recreational development focusing on stormwater management opportunities.
  - Objective 8.4: **Includes development of neighborhood plans with 20 to 30 year time spans.**
  - Objective 8.7: This is an internet/phone system for water users. **Include dischargers.**

- Objective 8.8: **Mike Thompson suggested web site offer increased transparency on land use decisions. For example, post permits, including public comments.**
- Objective 8.9: Work with Delaware Rive Basin Commission and U.S. Geological Service. **Also show improvements (trends) in water quality.**

### **3-Update on Pier 53 park development**

Updates on summer 2010 design/construction schedule for land side of park, Amanda Benner, Philadelphia Horticultural Society:

- One acre of upland being developed into park; this is Phase 1.
- There will be a Phase 2 that will address water and pier side of park (e.g. a board walk on the pier if feasible).
- Geotechnical work (test pits) found lots of asphalt layers. Will work with existing materials to establish new native planting areas and a bioretention basin. Will also limb up existing native trees.
- Floating wetland proposed for aquatic land. Pilot floating wetlands to be installed during June 26<sup>th</sup> river ecology workshop.
- Looking for public involvement in park development (e.g. art elements), maintenance (e.g. control of invasive plants), and park activities (e.g. bird watching).
- Cost of Phase 1 upland area is \$500,000.
- No parking included, but they are exploring option for using adjacent Sheet Metal Union parking lot.
- See Amanda's Pier 53 presentation posted at [http://www.phillywatersheds.org/del\\_working](http://www.phillywatersheds.org/del_working)

Fall meeting of Delaware Direct Watershed Partnership will further explore riverfront restoration plans and projects.

### **4-Discussion of Green Street connection corridors**

Discuss priority streets and associated stakeholder leaders and partners.

Maggie Allio, Philadelphia Water Department, Office of Watersheds led discussion, showing matrix of priority green streets (see matrix on "Goals/Objectives and Green Street Presentation" at

[http://www.phillywatersheds.org/del\\_working](http://www.phillywatersheds.org/del_working)):

- Levick Street: No discussion. Confirmed that it is a priority street for link to Lardner's Point and Greenway Trail. Delaware River City Corporation is the lead partner.
- Frankford Avenue: Trolley work is moving ahead. While PWD is working on storm flood relief in this area, this does not constitute a green street program. It is not a green street priority; can just include tree planting. Mike Thompson suggested that Streets Department and Philadelphia City Planning Commission be added as partners.

- Spring Garden Street: PEC has funding and is moving forward on this with partners. This will include East Coast Greenway link and landscaping. PWD stormwater infrastructure is limited by utilities on street edge; would have to lower crown of street to build center line stormwater structures. However, PWD is pursuing opportunities when they present themselves. For example, a rain garden structure that will receive and infiltrate roadway stormwater is being designed for Dough Boy Park at the corner of Spring Garden and Hancock Streets.
- Delaware Ave (from Allegheny Avenue up to Betsy Ross Bridge) should be added as a priority street. It has TIGER funding to develop trail right of way along Delaware Avenue. Design includes stormwater features (e.g. bioswales and rain gardens). Preliminary design scheduled for this summer, start construction late fall or spring.
- Race Street: Race Street Pier Park is being designed. But Amanda Benner noted that the Race Street design work being done between 2<sup>nd</sup> Street and the riverfront does not have a lot of stormwater management opportunities.
- Washington Avenue: PWD is lead for this street. Working on storm relief project. Scheduled for 2014 completion.

Maggie's "Goals/Objectives and Green Street Presentation" PowerPoint presentation also included slides on two other Green City Clean Water projects (see [http://www.phillywatersheds.org/del\\_working](http://www.phillywatersheds.org/del_working)):

- Slide showing schedule for five sections of I-95 PennDOT re-construction work. This work will include re-sizing of stormwater pipes to disconnect CSO from area between I-95 and the river. This includes about 1-2% of CSO watersheds. The stormwater will be captured and treated for water quality before being released to river.
- Slide showing the change in monthly stormwater management charges fees by parcel along the river. The partnership showed interest in adding the parcel-based stormwater fees to a future meeting agenda.

Attendees:

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