

SWPPP STEERING COMMITTEE

MINUTES MARCH 3, 2009 2:30 PM

Darland 5th floor Administrative Conference Room

Attended by: Candice Richards, Peggy Dahlberg, Erik Larson, Mahjoub Labyad, Cheryl Love, Zandy Zweibel, Tim Bates, David Schimpf, Rich Axler, Mindy Granley, Cindy Hagley, Trisha Winberg (recorder).

- A. Introductions were made and Agenda reviewed.
- B. Meeting Minutes Nov. 4, 2008 – minutes will be reviewed and approved via email.
- C. Education / Outreach activities report
 - 1. Annual Meeting - Wednesday April 15 noon to 1 PM, Library Rotunda
 - a) Refreshments will be served beginning at 11:30 A.M.
 - (1) Meeting is currently on UMD Events Calendar
 - (2) UMD Business Announcement one week prior
 - (3) Statesman Ad, one month and one week prior
 - (4) Currents Ad, one month and one week prior
 - (5) Candice suggested bringing displays, etc. to include at meeting
 - b) Presentation – integrate with Sustainability Update (Mindy)
 - (1) Topic: What UMD is doing and how you can help.
 - (2) Send suggestions to Mindy.
 - c) 2008 Summary report will be compiled for distribution – (submit items now)
 - d) Annual MPCA report to be submitted in early June
 - e) Discussed publicity suggestions for Annual meeting. Mindy will announce at other presentations.
 - 2. UMD Classroom / campus activities for 2008
 - a) Website needs to be updated with five-year 2006 SWPPP; Mindy is working with others to integrate SWPPP with Sustainability
 - b) Internships – Education / Outreach
 - (1) One graduate student intern worked on training fact sheets and organizing BMP information for publication.

c) Student Internships – Stormwater technical

(1) 4 undergraduate student interns worked on:

- (a) Loading dock BMP
- (b) Campus tree canopy study
- (c) Inflow and infiltration
- (d) Impervious surface inspections

(2) Discussed Landscape maps – AutoCAD with GIS capability; Rich suggested using GIS at NRRI.

d) Other outreach / presentations

- (1) Litter program; can we find a student to take this project again? What can we do about cigarette butts on campus? Need champion to spearhead.
- (2) If interested in supervising a student for a stormwater project, FM will pay student wages.
- (3) Cheryl Love has a student helping with litter in parking services; can this student work be coordinated with litter program? Candice explained need is for Litter Education as well as clean-up.
- (4) EHS also had students work on neighborhood and stream projects regarding litter.

3. Other University of Minnesota

a) LakeSuperiorStreams.org (Rich)

(1) Proposal in review for updating case studies on low impact designs and BMPs to include video clips on interviews associated with how existing BMPs have performed.

(2) MN Resources has an RFP out due May 1 – Rich is working to involve UMD, the Aquarium, and others.

b) MN Sea Grant (Jesse)

“View from the Lake” boat trips this summer – looking for topic suggestions.

c) 319 Project: Stormwater runoff BMPs for (paired) neighborhoods (Mindy / Erik)

Homeowner project with test, treatment, and control groups. MCC crew and other City of Duluth agencies conducted experiments to monitor runoff, treatment, and turbidity under different landscape conditions and to survey attitudes. Treatment on properties was paid for in full as part of the project. Grant funds have been used to monitor runoff from

designated areas to certain destinations and assess issues in those areas.

d) Sustainability Committee (Mindy)

1st meeting on 2/23/09. Committee was successfully formed of members from a wide range of departments on campus. The new committee reports directly to the VCFO. The committee developed their charge and discussed how to meet goals, communicate and measure sustainability, decided on priorities and discussed how the committee goals will be funded. Goals, targets, and energy conservation will be the topics of the next meeting.

e) U MN Extension / other:

After discussion it was determined that additional representative was not needed since Cindy and Jesse both are both affiliated with extension.

f) U M - T.C. – Andy / Van Anh

UM Procedure on Storm Water Compliance published. (Andy/Van Anh not in attendance so Erik updated the committee)

(a) http://www.policy.umn.edu/groups/ppd/documents/Procedure/Environmental_proc01.cfm

(b) Procedures “give teeth” to the storm water pollution prevention program. Candice displayed the website. Erik explained that the SWPPP Best Management Practices, once voted upon and approved, will be considered part of the official procedures.

(c) Under construction standards – a land disturbance now begins at ½ acre. Rich suggested bulleting the changes between old and new procedures. Erik worked with Barr Engineering to get answers to “how to do” questions – Erik submitted Barr’s response to UMNTC. Rich would like to see the official procedures outlined in the annual meeting. MS4 inspections will now take place on construction sites (in addition to MPCA inspections through the soil/water conservation district).

4. RSPT Report (Jesse)

RSPT is working on an action plan for the future; long-range planning as well as more immediate goals – 3 major goals; confirm structure of RSPT, technical case study demonstration ideas, education outreach.

D. Illicit Discharge (Erik)

City I&I Report – Work continues toward completion.

E. UMD Construction / Post-Construction Report (Erik)

1. Chester Park Storm Sewer upgrades are now operational using vegetated swales, an underground tank, and a sand filter. Water is coming through drain tile clearly. Clean up will be done in the spring.
2. Fire Hall Pond / Eric Clarke Pond Outlet Modifications – New outlet structures to take advantage of temperature changes between top and bottom – very little visible change to the ponds. Can't add bounce to Eric Clarke; Fire Hall Pond will have greater bounce.
3. Tree Preservation, Protection, and Planting BMP Finalization; Erik thanked all who provided comments. Many tree ordinances implemented in the Twin Cities – used these ordinances as basis for BMP information. Erik explained that we can include or exclude certain trees based on health, size or safety concerns and that he will manage first project effected by this BMP.

Discussion: Mahjoub asked: Will there be a review process? Will BMPs stay until committee changes them and/or someone asks for a change?

Candice answered: Yes. After approval B.M.P.'s will remain in effect until changed. Review is on-going and comments can be made through annual meeting, Web page and Steering Committee. All public comments are responded to.

Candice called for approval of Tree Preservation, Protection and Planting Best Management Practice. There were no objections.

Tree Preservation BMP passed by consensus.

F. UMD Maintenance / Pollution Prevention Report (Erik)

1. Inspection Reports – Erik sent an email copy of inspection reports for storm water devices and outfall inspections. There are currently high-priority campus issues (Parking, Facilities, and Glensheen). Lot M – site was kept as clean as possible, but over 8" of sediment went into the storm sceptor in a 3 month period. Peak activity was most likely in late July and August.
2. Roof Top Weed Control – Peggy reported that weed control is now contracted; if there are any issues, the contractor will be responsible, but currently no herbicides are used. Grounds has been spending time completing landscape bed inventory to be mapped by Erik Larson's intern.

G. Announcements

1. Rich – a search is underway for a tenure-track person with water resource experience for Civil Engineering. David added that that person would be a great "pipeline" ☺ for technical interns.
2. Watershed Festival in Kmart parking lot on June 6th, 2009. Literature is available for those who are interested in having a booth/display.
3. Next meetings: 4/15/09 (Annual Mtg.) May/June: Email review of Annual Report.

4. Summer: Potential MPCA audit. If we are chosen, Candice will alert committee members. Erik – MPCA to conduct inspection of all MS4's every ten years by coming to the site and asking to review specific measures; if they like what they see, the process is short – if they don't like what they see, they will most likely want to review all documentation.

5. Zandy - League of Women Voters presentation on city infrastructure problems – mid April.

H. Adjourn