

**Michigan Stream Team Meeting Minutes  
April 11, 2007**

Attendees:

Ralph Reznick  
Joe Haas  
Joe Rathbun  
Coreen Strzalka  
Mary Weidel  
John Suppnick  
Jim Selegian  
Chris Freiburger  
Kyle Kruger  
Julia Kirkwood  
Ian Chisholm  
Karl Koller

Dave Fongers  
Cyndi Rachol  
Steve Rheaume  
Mike Townley  
John Suppnick  
Susan Wells  
David Bidelspach  
Michael Geenen  
Sarah McIlroy  
Kristine Boley-Morse  
Sharon Hanshue  
Laura Wildman

**Commitments/Action Items:**

**Joe R.** will be writing the first draft of a quality assurance plan for the regional reference project, with assistance from **Kristine** and **Cyndi**. This will be completed by the end of May.

**Next meeting:**

**To be announced: late May or early June**

**Meeting Minutes**

The meeting was held at the MDEQ Office in Lansing. Introductions were made, and the meeting proceeded through the agenda.

Item 1 – June Morphology Training Update

**Ralph** and **Chris** talked about the State's budget situation, and noted that DEQ, DNR, and MDOT staff won't be allowed to attend the course. US Fish and Wildlife staff won't be able to attend, either. It was decided to postpone the training, and hope to offer it at a later date, presumably in the next fiscal year. **Chris** sent an email to all those who signed up for the training, notifying them of the postponement.

**Kristine** noted that there may be some grant money from Consumer's Energy available to fund training at some point (up to \$6,000).

#### Item 2 – Web Page Recommendations

**Dave F.** lead a discussion about the content of the Team web page, and the following was decided:

- Some items under “Related Links” will be moved to “Resources”
- We won't post things that are readily available elsewhere (e.g., via a Google search)
- He'll add other training options under “Resources”, and note that the training we were sponsoring in June has been postponed

#### Item 3 – Protocol Document Change – Measurements Around Islands

**John** wrote a paragraph for the field protocol describing how to conduct measurements around islands and in braided channels. Minor changes were suggested, and the paragraph was accepted.

**Chris** asked that identification of valley type be added to the protocol. It was agreed that this is a good idea but will require further discussion, and will be discussed at the next Team meeting.

**Jim** noted that the Army Corps can support the reference curve project, either financially or by assisting with the field work. This will be discussed further at the next Team meeting, as 2007 field plans develop.

#### Item 4 – Database for the Regional Reference Curve Project

After some discussion lead by **Cyndi, Chris, Ralph** and **Dave B.** of Stantec, it was decided that RiverMorph will be used to store the data from the reference curve project.

Prior to the next item, about 20 MDEQ-LWMD floodplain engineers, transportation engineers, and MDOT engineers, joined the meeting.

#### Item 5 – Presentation on 3-D Stream Modeling

**David Bidelspach** of Stantec (Raleigh, NC) gave a presentation on 3-D stream modeling for river restoration projects, followed by a shorter presentation on HEC-RAS. **Dave F.** added Mr. Bidelspach's presentation to the Team website, and sent the following message to the Team:

“This morning's 3D modeling presentation has been added to the Internet at [http://www.michigan.gov/documents/deg/mist-meeting-042007-3d-design\\_193004\\_7.ppt](http://www.michigan.gov/documents/deg/mist-meeting-042007-3d-design_193004_7.ppt). It is linked from the Meetings page of the Stream Team website,

[www.michigan.gov/streamteam](http://www.michigan.gov/streamteam). Per Dave's request, one name has been removed from the presentation. It has also been run through software that reduces the file size from 24 MB to 5 MB, although the changes should not be noticeable.”

**David B.** also briefly discussed North Carolina’s stream mitigation program, the North Carolina Ecosystem Enhancement Program. Details are available at:

<http://www.nceep.net/>

The stream restoration monitoring guidance he mentioned is at:

[http://www.nceep.net/business/monitoring/Monitoring\\_report\\_web/Projects\\_in\\_Monitoring.htm](http://www.nceep.net/business/monitoring/Monitoring_report_web/Projects_in_Monitoring.htm)

David B.’s contact information is:

919-218-0864

[david.bidelspach@stantec.com](mailto:david.bidelspach@stantec.com)

#### Item 6 – Items of Importance from Those in Attendance

This was not addressed during the meeting, but **Joe R.** has the following items:

- MDEQ is requiring a quality assurance project plan (QAPP) for the regional reference curve project. **Joe R.** proposes to write a first draft, drawing heavily from our field protocol document, and asking interested members of the Team to review it (**Kristine** and **Cyndi**, minimum). A first draft must be completed by the middle of May.
- The University of Wisconsin’s 2 ½ day dam removal short course will be held at the Kellogg Center in E. Lansing, November 5-7.

#### **Next Meeting:**

The next Stream Team meeting will probably be in late May or early June, though a specific date was not selected due to the State’s continuing budget situation.

(Recorded by Joe Rathbun, MDEQ)