

**PRINCIPALS**

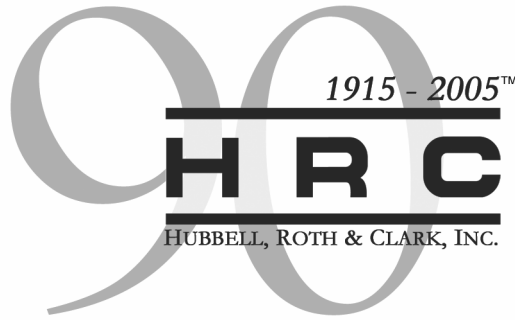
Gerald F. Knapp  
Thomas E. Biehl  
Walter H. Alix  
George E. Hubbell  
Peter T. Roth  
Michael D. Waring  
Keith D. McCormack  
Curt A. Christeson

**CHIEF FINANCIAL OFFICER**

J. Bruce McFarland

**SENIOR ASSOCIATES**

Frederick C. Navarre  
Gary J. Tressel  
Lawrence R. Ancypa  
Kenneth A. Melchior  
Dennis M. Monsere  
Randal L. Ford  
David P. Wilcox  
Timothy H. Sullivan



**ASSOCIATES**

Thomas G. Maxwell  
Nancy M.D. Faught  
Jonathan E. Booth  
Michael C. MacDonald  
Marvin A. Olane  
James C. Hanson  
Richard F. Beaubien  
Margaret Synk Kuhn  
William R. Davis  
James J. Aiello  
Daniel W. Mitchell  
Jesse B. VanDeCreek  
Robert F. DeFrain  
Marshall J. Grazioli

**MEETING MINUTES**  
**Livingston County Phase II Watershed Groups**  
**South Branch Shiawassee River Subwatershed Group**  
**Break Out Meeting No. 8**

Date: 1/14/05

HRC Job No. 20030566

Time: 9:45am

Meeting Held: Green Oak Township Hall

<u>Present:</u>	<u>Representing</u>	<u>Phone No.</u>
Ken Algozin.....	The Nature Conservancy .....	989.723.9062
Merry Bering .....	Howell Twp .....	517.546.2817
Ed Fox.....	Oceola Twp.....	248.343.0137
Mike Gaden .....	MSU-Extension .....	517.546.3950
Bob Hanvey .....	Marion Twp .....	517.546.1588
Terry Lee .....	Tyrone Twp.....	810.629.8631
Rolly Olney.....	Hartland Twp .....	810.632.7498
Jacy L. Paul.....	HRC .....	248.535.3456
Bill Stone .....	HRC .....	248.454.6337

<u>Not Present:</u>	<u>Representing</u>	<u>Phone No.</u>
Bill Bamber.....	Oceola Twp.....	517.546.3259
Cheryl Bartley.....	MDEQ.....	517.335.6093
Bob Batt.....	MDOT, University Region.....	517.750.0410
Matt Bolang .....	LCDPH.....	517.552.6870
Greg Green.....	Howell Twp Resident.....	517.545.4927
Brian Jonckheere .....	LCDC .....	517.546.0040
Doug Kuhn .....	Hartland Twp .....	810.629.3818
Brian Obrecht.....	Howell Twp Resident (Red Cedar Watershed).....	517.552.5300
Julie Peltier .....	Hartland Twp Resident.....	586.530.8119
Nancy Sauvage .....	Oceola Twp.....	517.546.5886
Katie Schlueter.....	Hartland Twp Resident.....	810.632.4797
Becky Simpson .....	LCDC .....	517.546.0040
Steve Wasyk .....	LCRC .....	517.546.4250

**PURPOSE:**

During today’s break out session, the group was asked to turn their focus to the review of their local plans and ordinances and to evaluate them for inclusion of language that aims to protect water quality and control water quantity in the region.

Corporate Office: 555 Hulet Drive • P.O. Box 824 • Bloomfield Hills, MI 48303-0824 (Mailing – P.O. Box) – 48302-0360 (UPS Zip)  
Telephone: (248) 454-6300 • FAX: (248) 338-2592 or (248) 454-6312 • www.hrc-engr.com

### **A) Comments on Watershed Plan Materials**

The group was asked if they had any questions, comments or suggestions for revisions to the documents passed out thus far in the watershed planning process. No comments were received.

### **B) Review of Local Plans/Ordinances**

The group was given a series of resources to help delineate if their local plans and ordinances include language that aims to protect water quality and control water quantity in the region. The group was given the following documents:

- “Opportunities for Water Resource Protection in Local Plans, Ordinances, and Programs—A Workbook for Local Governments”
- “COW”: Codes and Ordinances Worksheet

The Water Resource Protection workbook is structured like a checklist and helps to evaluate if a community has incorporated all the necessary components targeting the phase II regulations in their local plans and ordinances. The workbook covers everything from impervious surface reduction to development techniques and potential for land preservation in the area, be it for wetlands, woodlands or habitat. Throughout the text of the workbook, “case studies” of local communities and their local ordinances or components of Master Plans are exemplified as guidance that other communities can use to get ideas for changes in their plans and ordinances

The COW worksheet is a similar reference document to the workbook, but is also useful in obtaining information regarding which authority is responsible for implementing the said ordinance or component of the master or comprehensive plan. Most of this worksheet is set up as a series of questions that need to be answered as completely as possible. Sometimes the answer may not be cut and dry—if this is the case, provide as much information as possible.

After each watershed community completes the workbook and worksheet, the results will be compiled and used to compare each community to each other, and against recommended language for water quality and quantity protection. The group was asked to shoot for having this information completed by our next meeting in February. If this is too soon, the deadline can be extended until March. The information will be compiled into a matrix in the watershed management plan (WMP) and recommendations will be made as to potential changes that each community should consider within the permit cycle. Schedules would need to be given to each task and included in the community’s Storm Water Pollution Prevention Initiative (SWPPI)—due six months after submittal of the WMP.

The group was also given a website reference for a number of model ordinances provided by the U.S. EPA on the following topics:

- Aquatic Buffers
- Erosion and Sediment Control
- Open Space Development
- Stormwater Control Operation and Maintenance
- Illicit Discharges

- Post-Construction Controls
- Source Water Protection (protection of groundwater supply for drinking water)

This site can be viewed at: <http://www.epa.gov/owow/nps/ordinance/>.

### C) Other Items of Interest

- Ed Fox of Oceola Township went to a meeting recently and got an update on the floodplain maps that are to be developed in the next few years. The maps are expected to be completed for the County in 3 to 5 years. This information will be very useful as it will help to delineate areas such as the boundaries for development, or where sensitive areas exist.
- The group was reminded of implementation dates for their various plan submittals:
  - **Public Education Plan (PEP):** Plan should begin to be implemented by March 1<sup>st</sup>, 2005.
  - **Illicit Discharge Elimination Plan (IDEP):** Plan should also begin to be implemented by March 1<sup>st</sup>, 2005.
  - **Watershed Management Plan (WMP):** Due for submittal on November 1<sup>st</sup>, 2005.
  - **Annual Report No. 2:** Due November 1<sup>st</sup>, 2005. This reporting period will contain information completed for Year One, or tasks that have been completed since one year after PPP, PEP and IDEP submittals.
- Discussion was held on when the next Public Meeting will be held. It was decided that a good time would be in early May which would tie in nicely with spreading the word about the Watershed Short Course being put on by the MSU-Extension office. The date will be finalized in the next couple months. This will likely be a topic at the next LCDC Watershed Group Meeting.

### D) Next Meeting

The next break out meeting is scheduled to meet after the regularly scheduled LCDC Subwatershed Group's meeting on **Friday, February 11, 2004** at **Green Oak Township Hall**. At this meeting, the group will be asked to submit the information regarding their specific plans and ordinances as it relates to phase II compliance. Within the next few months, the next steps will be to begin compiling a laundry list of BMPs for each community to choose for implementation.

These minutes are intended to be a summary of those items discussed. Any corrections and/or comments should be noted to the writer as soon as possible.

Respectfully submitted,

HUBBELL, ROTH & CLARK, INC.

Jacy L. Paul

Meeting Minutes  
Livingston County Drain Commissioner  
HRC Job No. 20030566  
1/14/05  
Page 4

JLP/jp

pc: All present  
HRC; M. Synk Kuhn; J. Booth; File