

**Little Lick Creek Local Watershed Plan
Summary of Technical Team Meeting #8
December 14, 2005**

Prepared December 15, 2005

Introductions & Agenda

The Technical Team guiding the Little Lick Creek Local Watershed Plan met at 2:00 P.M. on Wednesday, December 14, 2005 in the Rolling View Community Center on Falls Lake.

Meeting attendees are listed below.

Name	Technical Team or Community Stakeholder	Organization	E-mail address
Amy Poole	TT	Rollingview Marina	rollingview@aol.com
Cherri Smith	TT	Durham Parks & Recreation	cherri.smith@durhamnc.gov
John Cox	TT	Durham Stormwater Services	john.cox@durhamnc.gov
Chris Outlaw	TT	Durham Stormwater Services	chris.outlaw@durhamnc.gov
Bobby Louque	TT	Durham Stormwater Services	robert.louque@durhamnc.gov
Laura Webb Smith	TT	Durham Stormwater Services	laura.smith@durhamnc.gov
Joe Pearce	TT	Durham County Engineering	jpearce@co.durham.nc.us
Joe Albiston	TT	Durham County Engineering	jalbiston@co.durham.nc.us
Allen McNally	TT	The Crossings Golf Club	amcnally2@nc.rr.com
George Rogers	TT	City of Raleigh	george.rogers@ci.raleigh.nc.us
Mitch Woodward	TT	NC State University	mitchell_woodward@ncsu.edu
Shari Bryant	TT	NC Wildlife Resources Commission	bryant5@earthlink.net
Steve Kroeger		NC Division of Water Quality	steve.kroeger@ncmail.net
Deborah Amaral		NC Ecosystem Enhancement Program	deborah.amaral@ncmail.net
Jeffrey Horton		NC Ecosystem Enhancement Program	jeffrey.horton@ncmail.net
Daniel Ngandu		NC Ecosystem Enhancement Program	daniel.ngandu@ncmail.net
Chris Mankoff		NC Ecosystem Enhancement Program	chris.mankoff@ncmail.net
Susan Geist		NC Ecosystem Enhancement Program	susan.geist@fhwa.dot.gov
Paula Sloneker		Piedmont Triad Council of Governments	psloneker@ptcog.org
Chris Dreps		UNRBA	dreps@tjcog.org
Sarah Bruce		UNRBA	sbruce@tjcog.org

Chris Dreps presented the agenda (decision items marked with *):

- 2:00 Announcements
- 2:15 Prioritizing Restoration Projects*
- 3:00 Watershed Management Strategies*

Announcements

1) Chris Mankoff updated the Technical Team on NC EEP support of the Little Lick Creek projects. DOT mitigation needs in the Upper Neuse are currently light; however, that can and probably will change. The general lack of mitigation need on the part of the NC DOT will not affect the restoration project under consideration at The Crossings Golf Club. This

project is moving into the project review process, which will take approximately 6 months. The Nutrient Offset Committee, which decides which stormwater retrofit projects will be funded by nutrient offset fees in the Neuse, will consider projects from Little Lick Creek.

2) Chris Dreps said that he spoke with Ryan Smith of NCSU Biological and Agricultural Engineering, which has a contract with NC EEP to identify large-scale stormwater retrofit projects. NCSU has relaxed the size requirements for BMP projects, which had been at 60 to 100 acres of drainage area. The drainage area size is now smaller, and NCSU is willing to consider clusters of smaller retrofit projects that would, when combined, treat large areas. It is not clear what the new minimum limits are. Chris Dreps said that, while this information would have been nice to have had in the project identification and prioritization phases, it's not too late to factor it into the recommendations.

3) Chris Dreps announced that the Site Evaluation Tool is completed and available on the UNRBA website at www.unrba.org/set, along with the user guide and supplemental model documentation.

4) Steve Kroeger discussed high specific conductance findings in subwatershed 3 that are displaying some trends of concern. Mr. Kroeger will return to subwatershed 3 to further investigate.

Prioritizing Restoration Projects

Chris Dreps discussed project prioritization in terms of technical memorandum #4 ("Priorities for buffer restoration, stream repair, and stormwater retrofits projects in Little Lick Creek"). The conclusions presented in this memorandum include the following:

- 17 buffer restoration projects, 7 stream repair projects, and 51 stormwater retrofits are "high" or "highest" priority
- 71% of the potential restoration and retrofit priorities are in subwatersheds 1 through 5, which are those located closer to Durham.

Buffer Restoration Projects

- 4 projects may meet EEP minimum length requirements (more may meet requirements if projects are combined)
- 5 involve a willing landowner or public property

Stream Repair Projects

- 2 projects may meet EEP minimum length requirements
- 4 involve a willing landowner or public property

Stormwater Retrofit Projects

- 5 treat large areas (range: 15 – 230 acres). Joe Pearce commented that the size of a BMP treating 230 acres may exceed the amount of available land.
- 13 involve a willing landowner or public property

Chris Dreps noted that, in general, older developments built before the Neuse buffer rules exhibited far greater buffer impacts.

Joe Pearce suggested that UNRBA should contact Sally Hoyt (Center for Watershed Protection) and ask if CWP has sized the forebay (SR 6-3) that we are claiming can treat up to 230 acres. Chris Dreps will follow up on this.

Little Lick Creek Management Strategies

Chris Dreps discussed comprehensive watershed management as a management approach that addresses existing impairment and attempts to prevent future degradation through multiple strategies. Ten strategies were proposed:

1. Stream repair projects
2. Buffer restoration projects
3. Stormwater retrofit projects
4. "Hot Spots" detection & elimination
5. Critical lands protection
6. Better site design
7. Improved enforcement of existing rules
8. Watershed outreach and education
9. Adopt-A-Stream programs
10. Stream monitoring

Steve Kroeger suggested that "hot spots" detection and elimination (recommendation 4) is really a part of improving enforcement of existing rules. The Technical Team agreed. To address these concerns, the group decided to fold strategy 4 into strategy 7 (and to re-number the recommendations). The "Improved Enforcement of Existing Rules" will include a recommendation for a "Illicit discharge detection and elimination program."

Chris Dreps asked Technical Team members to update the list of reviewers for each management strategy recommendation. The list has been updated, and Chris Dreps will provide this to the team.

Recommendation #10 (renumbered: #9): Stream Monitoring

Chris Dreps led a review of the Stream Monitoring recommendation. The Technical Team made a series of specific and general comments. Chris Dreps noted the comments and will send a revised version to the entire Technical Team for review.

Recommendation #9 (renumbered: #8): Adopt-a-Stream Programs

Chris led a review of the Adopt-a-Stream Programs recommendation. The Technical Team made general and specific comments, and Chris noted the comments and will send a revised version to the entire Technical Team for review.

Additional recommendations

At our next meeting, we will review the watershed outreach and education recommendation and the critical lands, better site design, and improved enforcement recommendations.

Next Steps

The next Little Lick Creek Local Watershed Planning Technical Team meeting will be on **Wednesday, January 11 from 1:00 p.m. to 4:00 p.m. at the Rolling View Marina**. The Rollingview Marina is close to the Rollingview Community Center. UNRBA will send

directions with the next meeting agenda. An additional Technical Team meeting has been tentatively scheduled for January 25 (an Upper New Hope Arm stakeholder meeting is scheduled for the 25th, so the date or time may change)