

**Little Lick Creek Local Watershed Plan  
Summary of Technical Team Meeting #9  
January 25, 2006**

Prepared January 30, 2006

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## **Introductions & Agenda**

The Technical Team guiding the Little Lick Creek Local Watershed Plan met at 1:00 P.M. on Wednesday, January 25 in the Rolling View Marina on Falls Lake.

Meeting attendees are listed below.

<b>Name</b>	<b>Technical Team or Community Stakeholder</b>	<b>Organization</b>	<b>E-mail address</b>
Amy Poole	TT	Rollingview Marina	<a href="mailto:rollingview@aol.com">rollingview@aol.com</a>
Cherri Smith	TT	Durham Parks & Recreation	<a href="mailto:cherri.smith@durhamnc.gov">cherri.smith@durhamnc.gov</a>
Chris Outlaw	TT	Durham Stormwater Services	<a href="mailto:chris.outlaw@durhamnc.gov">chris.outlaw@durhamnc.gov</a>
George Rogers	TT	City of Raleigh	796-7926
Joe Albiston	TT	Durham County Engineering	560-0736
Joe Pearce	TT	Durham County Engineering	560-0739
Allen McNally	TT	The Crossings Golf Club	<a href="mailto:amcnally2@nc.rr.com">amcnally2@nc.rr.com</a>
Mitch Woodward	TT	NC State University	<a href="mailto:mitchell_woodward@ncsu.edu">mitchell_woodward@ncsu.edu</a>
Shari Bryant	TT	NC Wildlife Resources Commission	<a href="mailto:Bryant55@earthlink.net">Bryant55@earthlink.net</a>
Chris Dreps		UNRBA	<a href="mailto:dreps@tjcog.org">dreps@tjcog.org</a>

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

1:00 Welcome & Announcements

1:05 Discussion—Rec.#6: Improved Enforcement

1:45 Watershed Management Strategies\*

- Rec. #7—Watershed Outreach & Education
- Rec. #3—Stormwater Retrofit Projects

3:00 Update—Rec.#5: Better Site Design and Rec. #4: Critical Lands Protection

3:30 Adjourn

\* =decision items

## **Announcements**

1) NC EEP has extended the LLC contract with the UNRBA. This will allow UNRBA to carry the project over into the summer, and there may be a future implementation phase contract that will allow the UNRBA to help NC EEP pursue implementation of many of the projects recommended in the plan.

2) Laura Webb Smith (Durham Stormwater Services' Stormwater Educator) recently trained high school teachers from all over Durham on a 5-module watershed study, which includes a 5-week study of a local stream. Three teachers from Southern High School attended.

3) NCSU Water Quality Group has been looking for retrofit projects to implement in the watershed. They have found a handful of projects that they will try to pursue, including one at a church and one at a city park. Cherri Smith added that the City should consider bioretention projects on new paving projects on the CR Woods Park and Twin Lakes Park parking lots.

### **Little Lick Creek Management Strategies**

Technical memorandum #5 will recommend nine strategies:

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

Recommendations 4, 5, 8 and 9 have been reviewed. The Technical Team reviewed recommendations 3 and 7 today and discussed recommendations 5 and 6.

#### Recommendation #6: Improved Enforcement of Existing Rules

The Technical Team did a preliminary review of Rec. #6 (Joe Pearce had to leave the meeting early to attend another meeting). We made several changes to the language, adding many of Joe Pearce's recommended language. Most significantly, the TT decided to add a recommendation that sewer spills and failing septic systems be better enforced. (In addition, the group agreed that recommendation #3, stormwater retrofits, should include a recommendation for connecting sand filter on-site wastewater treatment systems to sewer)

#### Recommendation #3: Stormwater Retrofit Projects

The Technical Team reviewed the draft recommendation and suggested changes. Overall, the group agreed that retrofits (and restorations) are very expensive (have high cost per pollution removal benefit). The group agreed that this makes the case for land protection, education, and strong enforcement as cost-effective ways to protect water quality. Chris will make this point in the introductory section to Technical Memorandum #5.

The recommendation will suggest that connecting sand filter on-site wastewater treatment systems to sewer is a cost-effective way to address nitrogen reduction needs in the watershed. Even functioning sand filter systems export high concentrations of nitrogen in effluent wastewater.

#### Recommendation #7: Watershed Outreach and Education

The Technical Team reviewed draft recommendation #7 and suggested a few minor changes. In addition, the team recommended having the County Health Department review the recommendation for mass mailings to on-site wastewater system owners. They also recommended involving Durham Soil and Water Conservation District, which is hiring an environmental educator, in the recommendations.

Recommendation #4: Protection of Lands Critical to Water Quality and Aquatic Habitat

The Technical Team reviewed draft recommendation #4. They suggested minor changes to the map and other minor wording changes.

**Next Steps**

Chris Dreps will update the existing drafts and will create drafts for recommendations #1 (Stream Repair Projects) and #2 (Buffer Restoration Projects). These are the final two recommendations. Chris will incorporate all drafts into draft Technical Memorandum #5: Recommended Watershed Management Strategies.

The Technical Team will meet from 1-3:30 p.m. on February 8 at Rollingview Marina.