



**Lake Avondale Advisory Board
Meeting Minutes – January 19, 2012
City Hall
7:00 p.m.**

Members Present: Chris McArthur, Steve Sanchez, Charles Absher, Camilla Warren, Dan Deocampo
City Representatives Present: None

Discussion Items:

1. Invasive Plant Removal at the North Woods: This issue is tabled until the LAAB has an opportunity to meet with the BOMC. Steve Sanchez will work with the City Manager to set up a site visit.
2. Board Openings. The LAAB reviewed the two applications received for LAAB openings. Charles Absher motioned to retain Chris McArthur and Camilla Warren. The LAAB voted to retain Chris McArthur and Camilla Warren 3-0. Chris and Camilla abstained from the vote.
3. Lake Water Quality. Water sampling for the month of November (fall quarter) was completed. Results for the sampling to date are available on the Adopt-A-Stream website at: <http://georgiaadoptastream.org/db/Sites.asp?SiteID=2341>. The last quarter of sampling will be in February.
4. Storm Water Management and Erosion Control. The city manager has requested that the LAAB continue to pursue options for dealing with the erosion problems along the spring in the North Woods and the creek below the dam. The LAAB agreed on a recommended approach to dealing with the storm water and erosion problems. Currently stormwater is causing erosion and excessive stream sedimentation loadings both upstream and downstream of the lake. The LAAB believes that the main goal of the recommended approach should be to improve water quality in both the lake and Cobbs Creek by reducing sediment loadings through a reduction in stream bank erosion. A secondary goal would be to reduce excessive ponding of water at the intersection of Berkeley and Wiltshire during heavy rain events. The recommended approach has three major components:
 - a. Increase the size of the catchment or add an additional catchment on Berkeley near where the sidewalk ends. This would reduce the amount of water ponding at the bottom of Berkeley and also reduce the flows into Cobbs Creek below the dam that is causing some of the erosion problems.
 - b. Re-direct water out of existing ditch running from Berkeley to the spring (where the cones have been placed). The water should be directed towards a bio-detention system. This will address the erosion problems along the spring entering Lake Avondale.
 - c. Construct a bio-detention system consisting of a series of ponds/weirs. The purpose of the ponds/weirs would be to dissipate energy from the storm runoff and treat the water (remove sediment) prior to the water entering any existing stream.

The LAAB agreed that they system should be capable of handling a 5 year storm event. The system will likely be larger than the rain garden shown in the Lake Master Plan (attached), but would be located near where the rain garden is identified. Steve Sanchez and Charles Absher will develop a sketch of the system for the BOMC to

consider. The LAAB recommends a meeting with the City Manager and/or BOMC prior to moving forward. This could be discussed when the LAAB meets with the BOMC on item 1 above. Based on the master plan estimates and prior stormwater management estimates, costs are expected in the \$200,000 range.

5. Upcoming Meetings. Next meeting: February 16, 2012, 7pm.

