



September 5, 2007

To: Performance Oversight Committee Members

From: Chick Rhodehamel
Susan Krabbe

Through: Maggie Brown

CC: Members of the Columbia Association Board of Directors

Subject: Update on the Lake Dredging Projects

Here is the update on the dredging of Lakes Elkhorn and Kittamaqundi as of August 30, 2007. At this point, the projects are focused on engineering and design services. Progress meetings are held twice monthly between CA staff and HDR Engineering, Inc. We have also included projected milestones for these projects.

COMPLETED PROJECT MILESTONES:

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| March 30, 2006 | Project kick-off meeting with HDR Engineering, Inc. |
| April 14, 2006 | Initiated efforts to locate dredge material placement sites, survey lake surrounds for project staging and dewatering sites, examine dewatering methods. |
| July 6, 2006 | Early coordination meeting with federal, state and county permitting agencies. |
| August 24, 2006 | Dredging options presented to CA Board of Directors. |
| September 19, 2006 | Proposed dredging plans for Lake Elkhorn presented to Owen Brown Village Board. |
| September 27, 2006 | Proposed dredging plans for Lake Kittamaqundi presented to Town Center Village Board. |
| October 12, 2006 | Planning and Strategy Committee agreed to recommend to the CA Board: |

- Proceed into preliminary design at Lake Kittamaqundi using the Crescent Property as the dewatering staging site
 - Proceed with the level of design at Lake Elkhorn to submit both Hopewell Park and the Lake Elkhorn parking lot as potential staging and dewatering sites.
- October 26, 2006 CA Board voted and approved the recommendations.
- November 2006 Consultant completed and delivered conceptual plans for dredging of both lakes. Drawings include existing conditions, proposed dredging depths, wetlands and peninsula creations, access and isthmus details. (Collectively called “dredging plans”)
- December 2006 Consultant directed to examine the south end of Lake Kittamaqundi below the dam to South Entrance Road to determine feasibility of access and staging.
- January 2007 Consultant submitted two staging plans for Lake Elkhorn to Howard County for preliminary “informal” review”. The two options are 1) staging at parking lot area, 2) staging below the dam at the lakeside. CA obtains outside cost estimate for budging purposes.
- February 1, 2007 Confirm dredging methodology appropriate for each lake. Confirm peninsula construction materials. Consultant to begin design on staging areas for each lake.
- March 1, 2007 Consultant to submit more detailed plans for CA reviews of the access, staging, dewatering and dredging plans.
- March – April, 2007 CA staff attends Owen Brown and Town Center Community Association Board Meetings to present staging options to the community, receive and record resident concerns and desires for reporting to CA Board of Directors. Binders containing comprehensive information about the dredging process, staging areas, impact statements, material testing results, cost estimates, resident concerns and complaints provided to Board of Directors and placed on CA website for easy access by residents.
- April 26, 2007 CA Board of Directors, after reviewing informational binder and hosting the “resident speak-out” at the regularly scheduled Board of Directors meeting held a vote on the

staging areas. CA Board voted to stage Lake Kittamaqundi dredging at the South Entrance Road and Lake Elkhorn in the Lake Elkhorn parking lot.

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| April 30, 2007 | CA project staff release HDR to finalize dredging and staging area design based on the CA Board directive. |
| May – August 2007 | HDR finalize drawings and permit applications. |
| August 1, 2007 | Respond to Board Member Broida’s request for information #99, including color renderings of the proposed forebay at Lake Kittamaqundi |
| August 31, 2007 | HDR submitted design drawing to CA project staff for review and comments. |

PROJECT MILESTONE PROJECTIONS:

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| September 2007 | Submit preliminary plans to permitting agencies to begin permit process. CA to obtain outside cost estimate for budgeting purposes. |
| November 2007 | Adjust plans based on agency comments. Submit final dredging plans and applications for permitting agency approval. Begin development of procurement documents. Submit procurement documents for County review. |
| February 2008 | Issue the procuring documents (“bid”) for dredging of Lakes Kittamaqundi and Elkhorn. |
| April 2008 | Award Project |
| June 2008 | Begin work. Projected work duration 12 months. |