



Agenda Date: 8/15/2006
Agenda Placement: 9A

NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

TO: Board of Supervisors
FROM: Michael Stoltz for Robert Peterson - Director
Public Works
REPORT BY: Felix Riesenber, Principal Water Resources Engineer, 259-8620
SUBJECT: Angwin/Deer Park Area Water Study - Status Update

RECOMMENDATION

Director of Public Works requests authorization to proceed with the following actions:

1. Preparation of a Memorandum of Understanding between the County and Howell Mountain Mutual Water Company for delivery of Measure A funds for the Lake Henne Intake Pipeline Replacement Project; and
2. Preparation of a Memorandum of Understanding between the County and the Napa County Flood Protection and Watershed Improvement Authority for the reallocation of a portion of the Measure A funds previously approved for the Angwin/Deer Park Water Supply Reliability Plan to a specific small project with Howell Mountain Mutual Water Company (Lake Henne Intake Pipeline Replacement Project).

EXECUTIVE SUMMARY

The Board of Supervisors previously approved a Water Resources Work Plan and an agreement with the Napa County Flood Protection and Watershed Improvement Authority (Flood Authority) where Measure A funds were authorized for the Angwin/Deer Park Water Supply Reliability Plan. Staff has met with numerous water entities in the Angwin/Deer Park area to identify the potential needs of each water company and other water projects that may improve the water supply reliability of the larger Angwin community. While the planning efforts for the community will continue, there is an immediate need to act on one smaller project for Howell Mountain Mutual Water Company that would serve as a "test case" for the process of delivering Measure A funding to the private water companies.

FISCAL IMPACT

Is there a Fiscal Impact? No

ENVIRONMENTAL IMPACT

ENVIRONMENTAL DETERMINATION: The proposed action is not a project as defined by 14 California Code of Regulations 15378 (State CEQA Guidelines) and therefore CEQA is not applicable.

BACKGROUND AND DISCUSSION

On December 14, 2004 the Board of Supervisors approved a Water Resources Work Plan for the remainder of fiscal year (FY) 2004-2005 and 2005-2006 to begin addressing high priority water resources planning efforts in the unincorporated areas of the County. On February 1, 2005, the Board of Supervisors approved Amendment No. 5 to Agreement No. 4202 with the Flood Authority. This action allocated \$958,000 of the County's share of Measure A funds for the Milliken-Sarco-Tulocay Recycled Water Plan (\$529,000) and the Angwin/Deer Park Water Supply Reliability Plan (\$429,000).

In April 2006, a Principal Water Resources Engineer was hired to work on these two projects specifically, along with other State Water Project duties, as identified in the Water Resources Work Plan. Planning efforts for the Angwin/Deer Park Water Supply Reliability Plan began in late April 2006. Staff has reviewed water system information for the numerous water companies and participated in a number of meetings with various water interests in the Angwin/Deer Park area. A preliminary project list has been developed as a result of the communications with the Angwin/Deer Park area water entities.

The preliminary project list will be further refined to develop more thorough work scopes and estimated costs for each project so that the projects can be prioritized. The Angwin/Deer Park area water entities have requested that Measure A funds be used to fund project implementation as much as possible, with a minimum amount spent on consultant studies. To meet this goal, staff will continue to work with the various entities in the planning efforts. There still may be a need to hire a consultant to help develop accurate cost estimates and to provide an independent review of the projects to assist in prioritization. Staff will also coordinate with related efforts to obtain Community Development Block Grant (CDBG) funding that might be combined with Measure A funds to fund larger projects.

Prior to completing the planning effort for the entire area, staff recommends pursuing a "test case" project. There is one potential project involving Howell Mountain Mutual Water Company (Howell Mountain) that has been identified as "urgent" involving one of their primary raw water supply reservoirs (Lake Henne). The flexible intake pipeline in Lake Henne has outlived its useful life and needs to be replaced so that Howell Mountain can take water from the proper water depth to avoid water quality problems. Currently, Howell Mountain is being forced to use a backup supply reservoir, which could impact overall water supply reliability to their system if they cannot go back to Lake Henne in the near future. The estimated cost to replace the intake pipe (including additional work that needs to be done to support the pipe replacement effort) is not expected to exceed \$75,000 and will hopefully be closer to \$50,000.

County Counsel has advised the department to develop a Memorandum of Understanding (MOU) with each private water company on a per project basis. These MOU's will require the private water companies to comply with the California Public Contracts Code so that they award projects funded by public monies (Measure A funds) the same way the County would be required to, while providing the private water companies with all project control and resulting liability.

The idea of a "test case" project involving Howell Mountain has been discussed with the Angwin area water entities, including the Angwin Community Council Board, and has been supported by all entities. This will allow the County and Howell Mountain to test the process of developing an MOU, proceeding with the project, and delivering Measure A funds to a private water company on a small project without committing a significant

percentage of funds to one entity. Once completed, the process can be refined as needed so that future projects can progress even more efficiently.

To proceed with this "test case" project, the County needs to amend the agreement with the Authority to authorize the expenditure of some of the already approved planning funds on this specific project instead. This agreement amendment with the Flood Authority will be brought before the Board in the near future.

Staff will return to the Board of Supervisors in the next few months to provide a progress report on all of the Measure A funded projects in the County unincorporated area. A status of current and projected Measure A funds available for County projects will also be provided.

SUPPORTING DOCUMENTS

None

CEO Recommendation: Approve

Reviewed By: Andrew Carey