

ALL ITEMS ON THIS AGENDA MAY BE CONSIDERED FOR ACTION

North Davis Meadows Advisory Committee
Public Meeting Agenda

DATE: Tuesday, October 19, 2010
TIME: 7:00 pm
LOCATION: Davis Municipal Golf Course Dining Area,
Fairway Drive, Davis, CA. 95616

1. CALL TO ORDER Chair Wolstoncroft
2. UPDATE FROM SUPERVISOR THOMSON'S OFFICE
3. ADOPTION OF MINUTES OF THE PREVIOUS MEETING
4. WELL ISSUES DISCUSSION
 - Review of Possible Nitrate Remediation Alternatives
 - City of Davis Connection
 - Rehabilitation of Wells
 - Review of Straw Poll Information
 - Grant Review
 - Next Steps
 - Recommendation to Board of Supervisors
 - Recommendation of further review of alternatives
 - Cost for Plans and Specifications
 - Irrigation system evaluation
 - Meter Implementation
 - CEQA
 - Discussion with Bond Consultant for 218 scenarios
 - Recommendation for continued work with the CSA water Sub Committee
5. PUBLIC COMMENT ON ISSUES NOT AGENDIZED
6. NEXT MEETING AND AGENDA ITEMS: TBD
7. ADJOURNMENT

IF REQUESTED, THIS AGENDA CAN BE MADE AVAILABLE IN APPROPRIATE ALTERNATIVE FORMATS TO PERSONS WITH A DISABILITY, AS REQUIRED BY SECTION 202 OF THE AMERICANS WITH DISABILITIES ACT OF 1990 AND THE FEDERAL RULES & REGULATIONS ADOPTED IN IMPLEMENTATION THEREOF. PERSONS SEEKING AN ALTERNATIVE FORMAT SHOULD CONTACT REGINA ESPINOZA FOR FURTHER INFORMATION. IN ADDITION, A PERSON WITH A DISABILITY WHO REQUIRES A MODIFICATION OR ACCOMODATION, INCLUDING AUXILIARY AIDS OR SERVICES IN ORDER TO PARTICIPATE IN THIS PUBLIC MEETING SHOULD TELEPHONE OR OTHERWISE CONTACT REGINA ESPINOZA AS SOON AS POSSIBLE AND PREFERABLY AT LEAST 24 HOURS PRIOR TO THE MEETING.

I, Regina Espinoza, declare under penalty of perjury that the foregoing agenda was posted on Friday October 15, 2010 at the Planning and Public Works Building.

Regina Espinoza, County Service Area Manager
Yolo County Planning & Public Works Department
292 West Beamer Street Woodland CA 95695
(530) 666-8725 Office or (530) 666-8728 Fax

NORTH DAVIS MEADOWS PUBLIC WATER SYSTEM

PLEASE ASSIST US WITH YOUR INPUT

Dear Neighbors,

Thank you to the many neighbors who attended the CSA meeting that was held on September 30th in Woodland. This meeting was for review of Water Quality information and to hear neighbors' comments.

MEETING OVERVIEW

Water quality and quantity needs and requirements were the subject of the presentation from staff and consultants. As Public Water System, North Davis Meadows is required to have a consistent, 100% redundancy, water source. If one well is shut off, the remaining well must be able to pump enough water to maintain water pressure at the required level. The average calculated maximum per day demand using 2002-2009 data is 411 gallons per source (per well). 100% redundancy would result in a total of 822 gallons per minute. Due to needs for fire protection, redundancy rates may be higher, respectively, 500 gallons per minute per source. The redundancy issue is important in that it helps to determine if rehabilitating the wells is an option.

Lawrence Ernst, a civil engineering consultant, hired by NDM CSA to do a groundwater and well assessment, noted that the nitrate spike in well number one could be caused by a hole in the casing. If the well is taken apart to fix a hole and a hole is not the issue, it would be most cost effective to proceed with a full fix of the well costing up to \$80,000. The CSA thinks it is best to determine if well number one will be able to meet the need for redundancy and water quality before committing funds towards rehabilitation. There is a general concern that well number one is nearing the end of its expected life.

The question was asked if nitrate readings in the upper 20's (maximum contaminant level) are likely to continue for well number two and, if so, could the inflatable packer be used over the long term. According to Kim Wilhelm from California Department of Public Health (CDPH), nitrate readings from an entire year would be necessary to conclude that nitrates have in fact been made consistently lower using the packer.

Of those in attendance, neighborhood interest in having a separate irrigation water system implemented was noted. This has been considered by the CSA Advisory Committee, but up until now has been viewed as prohibitively expensive. The cost of running separate irrigation lines to each individual home would be in addition to providing two sources of potable water. The long term cost of maintaining multiple wells also has to be considered.

GRANT/LOAN INFORMATION

Universal pre-application information for CDPH grant/loan drinking water systems was shared. Regina Espinoza submitted the universal pre-application in 2008-2009 and subsequently, North Davis Meadows has been invited to submit a formal Statement of Intent for funding in October. The completed application will be due in January for monies in 2011.

The universal pre-application proposed a connection to the City of Davis water system. Kim Wilhelm CDPH was asked if the grant could be submitted for new wells as opposed to a City of Davis connection. Kim explained that the grant would be for solving the nitrate problem and the application would not be rated more negatively for using wells as a solution.

NARROWING ALTERNATIVES

Due to the need to narrow down which alternatives are the best for remediation prior to seeking consensus through an election or Proposition 218 process and grant application process, the CSA Board seeks additional input in order to determine if proceeding with the City of Davis connection or a North Davis Meadows well solution is the most preferred.

The CSA advisory committee would like to obtain your input on this matter by the next CSA meeting on Tuesday, October 19th. Please vote anonymously on the NDM CSA Website using the Online Form Tool at <http://www.yolocounty.org/Index.aspx?page=701>. Click on the Link labeled North Davis Meadows Nitrate Alternative Survey. One “vote” per family please. This is an advisory poll only.

Sincerely,

The CSA advisory committee,

Bonnie Wolstoncroft (chair), Kathy Greenhalgh, Antoinette Heberlein, William Reinhart, Davis Campbell