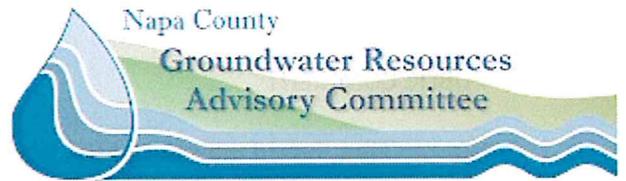




A Tradition of Stewardship
A Commitment to Service



ACTION MINUTES
NAPA COUNTY GROUNDWATER RESOURCES ADVISORY COMMITTEE MEETING
February 28, 2013

1. CALL TO ORDER & ROLL CALL

The Napa County Groundwater Resources Advisory Committee (GRAC) met in regular session on Thursday, February 28, 2013 with the following members present:

Vice- Chair Michelle Benvenuto; Tucker Catlin; Alan Galbraith; Charles Slutzkin; Marilee Talley; Jim Verhey; Susanne von Rosenberg; and Duane Wall. Don Gleason arrived during Item 3.c; and Michael Haley; Chair Peter McCrea; Steve Soper; Bill Trautman; and Dale Withers were excused.

2. WELCOME & INTRODUCTIONS

Patrick Lowe, Natural Resources Conservation Program Manager, Public Works, provided opening comments.

3. ORGANIZATIONAL ITEMS

a. APPROVAL OF ACTION MINUTES AND MEETING SUMMARY

Dorian Fougères, Ph.D., Mediator, Center for Collaborative Policy, CSUS, went over the Action Items on Pages 5, 8 and 11 of the Meeting Summary per Vice-Chair Michelle Benvenuto’s request. Action Minutes and Meeting Summary of the January 31, 2013 special meeting approved.

MB	TC	AG	DG1	DG2	MH	PM	CS	SS	MT	BT	JV	SVR	DW1	DW2
			X		X	X		X		X				X

b. REVIEW WORK PLAN/SCHEDULE

Patrick Lowe, Natural Resources Conservation Program Manager, Public Works, referenced the Work Plan included in the agenda packet, which provides an update on progress tracking. The Work Plan will be included with the outreach materials for the presentation to the Board of Supervisors.

c. REVIEW MEETING AGENDA AND PROCESS

Dorian Fougères, Ph.D., Mediator, Center for Collaborative Policy, CSUS, briefly reviewed the background and purpose of each agenda item.

4. PUBLIC COMMENT

Warren Flint, board member of the Watershed Information Center and Conservancy, said he assumes the estimate of recharge per acre for the different watersheds probably correlates somewhat with rainfall and asked if there is similar data available for usage in the watersheds per acre. Vicki Kretsinger Grabert, Principal Hydrologist, LSCE, replied that they didn't try to quantify usage and that information would be part of a future effort. The information described is to look in more detail at a watershed scale opportunity for groundwater recharge to occur. Mr. Flint also asked if there will there be an opportunity to develop an actual percentage of total water available under a specified landscape from this recharge information. Ms. Kretsinger Grabert replied that the recharge section in the Updated Hydrogeologic Conceptualization and Characterization of Conditions report, which would be available soon on the GRAC website, shows on a watershed scale for each area with accompanying maps the range of recharge that is estimated to occur based on the water-year type, so there is that level of detail included in the report.

5. PRESENTATIONS AND DISCUSSION ITEMS

a. REPORT ON UPDATED HYDROGEOLOGIC CONCEPTUALIZATION AND CHARACTERIZATION OF CONDITIONS – PART II

Vicki Kretsinger Grabert, Principal Hydrologist; Ken Utley, Senior Geologist; and Reid Bryson; Hydrologist; LSCE; presented Part II of a PowerPoint presentation on the Updated Hydrogeologic Conceptualization and Characterization of Conditions report. Part I focused on the groundwater recharge work performed by LSCE and MBK Engineers. Part II would focus on geology followed by surface water/groundwater interactions. Ms. Kretsinger Grabert went over the four tasks referenced in the report (1 – Updated hydrogeologic conceptualization and characterization for priority areas; 2 – ID supplemental groundwater monitoring wells for high priority areas; 3 – refine and further characterize areas with greatest recharge potential; and 4 – guidance for CEQA-related issues and analysis of surface water/groundwater interactions), noting that the first three tasks have been completed with work on the last task to be completed by LSCE and MBK in the next several months. Task 1 began with the understanding that there were many decades of geologic information that had not been incorporated into any attempt to update the hydrogeologic conceptualization in Napa County, particularly in the Napa Valley Floor, which is now the focus of the current work.

Mr. Bryson described the efforts made to collect information on drilled wells. Over 6,400 drillers' logs were classified by location and assessed for quality. After culling the large group of drillers' logs, there was the challenge of connecting the logs of higher quality to their actual location. State well numbers and assessor parcel numbers were used but weren't always accurate, in which case large maps, street addresses and well location sketches were used in an effort to ensure accuracy. Of the drillers' logs reviewed, 1,332 were actually used with the majority of the wells being located in the Napa Valley Floor with an extension into the MST area.

Mr. Utley presented the surficial and subsurface geology portion of the presentation by starting with a detailed description of the three different major rock types found in Napa County: Mesozoic Rocks (low water yield), Late Tertiary Rocks (made up of volcanic and tertiary sedimentary rocks and low to moderate water yield), and Quarternary Deposits (relatively higher water yield). Accompanying the descriptions were detailed maps that showed the various locations of the rocks throughout Napa County and the Napa Valley Floor, as well as a structural geology map and a USGS broad scale cross section. Mr. Utley went over subsurface geologic cross

Item 5.a...Continued

sections of the Lower Valley, Yountville Narrows and Middle Valley areas and presented an earlier cross section produced in 1960 by Kunkel and Upson compared to one that was recently produced by LSCE to illustrate the changes in the physical conceptualization over time based on recent geology and geology maps. A short animation of all the cross sections was shown to highlight the complexity of geology. Isopach/facies and structure/contour maps were also presented.

Ms. Kretsinger Grabert presented a schematic that shows surficial geology and cross section E-E of the MST area, which would be viewed in various ways respective to surface water/groundwater interaction during the remainder of the presentation. Other slides shown included examples of direct and indirect connections to groundwater level; estimated stream Thalweg elevations (depths to groundwater, lowest point along length of stream) and a comparison of estimated stream Thalweg elevation with surveyed data; groundwater elevations and contours; another picture of cross section E-E; a comparison of recent and historical water level data; proposed groundwater level monitoring site no.7; a 3-D static snapshot, short animation and a hydrograph depicting the East Napa Fault Zone and where a cone of depression is occurring; related well measurements; and a map of the groundwater monitoring recommended areas of interest (18 areas proposed for groundwater level and quality monitoring and six areas proposed for evaluation of surface water/groundwater interaction). LSCE plans to finalize the Updated Hydrogeologic Conceptualization and Characterization of Conditions report in March 2013.

b. GROUNDWATER (GW) MONITORING DATA MANAGEMENT

Jeff Sharp, Principal Planner, Public Works, reported that one of the deliveries from Ms. Kretsinger Grabert's work in 2011 was the compilation and development of a groundwater Data Management System (DMS). County staff is currently updating that system with the past two years of data since its delivery. Every spring and fall Lee Driggers, Senior Engineering Aide, Public Works, takes measurements and any other well information that LSCE finds and enters the information into the DMS. It was realized when County staff received the data set and heard of the next phase of work related to outreach, as well as reporting information to CASGEM and other programs, that this data needed to be organized and kept secure yet accessible since it would be used in multiple departments within the County. County staff is currently working with its internal Information Technology Services department to take the data from a single file in an Access database and place it onto County servers that have user securities and will allow the data to be linked to other systems within the County as far as access to develop reports for State groundwater elevation monitoring requirements and to provide the information for future studies.

Phil Miller, Deputy Director-Flood Control and Water Resources, Public Works, briefly went over the contents of the draft Groundwater Data Management and Disclosure Guidance Document that was distributed at the January 31, 2013 meeting. The document was put together very close to an outline that was previously reviewed by the GRAC. The introduction of the document describes the purpose of groundwater monitoring and lists the goals from the County's General Plan and the direction given by the Board of Supervisors and how this flows down through data collection efforts, as well as LSCE's work. Other topics covered in the document include what the County does with the information collected and what the County knows of what others do, which is mostly based on what is available on the Internet published by USGS, as well as what other State agencies are doing, such as DWR; the County's DMS system – how the data is collected, stored and published – and guidelines for how the information will be published in the future; how other agencies are publishing information and how that information can be obtained via reports by USGS on GAMA surveys; legal issues dealing with confidentiality, well logs and Public

Item 5.b...Continued

Records Act requests; and screen shots of USGS and DWR websites that show what information is available. The document also touched on the MST area. One of the purposes of the document was to have reference information in one place so that future staff and consultants can easily access it, as well as have an understanding of how the County wants to approach handling its own information. The Groundwater Data Management and Disclosure Guidance Document was approved.

MB	TC	AG	DG1	DG2	MH	PM	CS	SS	MT	BT	JV	SVR	DW1	DW2
					X	X		X		X				X

c. DISCUSSION OF INDUSTRY/PUBLIC OUTREACH & WELL OWNER OUTREACH

Patrick Lowe, Natural Resources Conservation Program Manager, Public Works, referred to the Areas of Interest map and asked for volunteers interested in doing primary or partnering outreach in each of the specific areas. More detailed maps with specific wells would be provided at the April meeting with the actual field work occurring in May through August. Volunteers for a draft list were as follows:

Area of Interest	Volunteers
1 – Jameson/American Canyon	CS; SV (maybe)
2 – Napa River Marshes	CS; SV
3 – Napa River Marshes	CS; SV
4 – Carneros	DG2; MB
5 – Napa Valley Floor-Napa	MB; MT
6 – Napa Valley Floor-Napa	MB; MT
7 – Napa Valley Floor-Napa	JV; MH
8 – Napa Valley Floor-Napa	JV; MH
9 – Napa Valley Floor-Yountville	JV; MH
10 – Napa Valley Floor-Yountville	MH; DW1
11 – Napa Valley Floor-St. Helena	AG; PM
12 – Napa Valley Floor-St. Helena	AG; PM
13 – Napa Valley Floor-St. Helena	AG; PM
14 – Napa Valley Floor-Calistoga	TC; PM
15 – Napa Valley Floor-Calistoga	DG1; DW1
16 – Angwin	DW1; DW2
17 – Pope Valley	TC; MB
18 – Jameson/American Canyon	CS; SV (maybe)

The GRAC discussed strategy on presentations for outreach efforts and agreed it would be most effective to first have meetings for groups with overlapping interests, such as industry, environmental and public agencies and then have a larger, full public meeting to include a few representatives from the previously-mentioned groups for an even broader opportunity to share consistent information. Presentation topics could include the Groundwater Monitoring Plan, the GRAC’s charge, status of the Work Plan and addressing technical questions.

d. DISCUSSION OF BOARD OF SUPERVISORS UPDATE/PRESENTATION

Patrick Lowe, Natural Resources Conservation Program Manager, Public Works, stated that Chair Peter McCrea would provide an update and perspective of the GRAC's work to date, including the upcoming outreach efforts, for the Board of Supervisors presentation on April 2, 2013. Hillary Gitelman, Director, Planning, Building and Environmental Services, mentioned the presentation could cover the sensitivity and importance of confidentiality and that the GRAC is looking for the Board to do everything they can to protect the information. However, staff has spoken to County Counsel, and they, along with staff, are uncomfortable about asking the Board to give a blanket commitment on staving off all Public Records Act requests received because the risk associated with this practice can't be evaluated until the receipt of the Public Records Act request. Ms. Gitelman suggested that after the Board of Supervisors meeting staff could draft a letter on letterhead that states on April 2, 2013, the Board committed to do everything they can to keep the information confidential; however, there is no 100% guarantee. Vice-Chair Michelle Benvenuto suggested revisiting the subject after the presentation to the Board.

6. OTHER BUSINESS

a. UPDATE ON DWR GRANT APPLICATION FOR GROUNDWATER MONITORING WELLS

Steve Lederer, Director, Public Works, stated that the County is still in the running to receive grant funds and is hopeful. Vicki Kretsinger Grabert, Principal Hydrologist, LSCE, added that the scores were posted ten days ago, and out of 40 points possible, Napa received 39. Ms. Kretsinger Grabert attended a DWR public meeting yesterday and said that DWR reported that there were 98 applications received that were highly competitive. DWR only has just under \$4.7 million and will seek recommendations from their technical advisory panel on how to allocate the funds. Some applicants are unhappy about the way DWR scored the applications, so some who received lower scores may try to appeal to receive higher scores. Ms. Kretsinger Grabert said Napa was in a good position but that DWR is looking at a sliding scale for actual allotment. Patrick Lowe, Natural Resources Conservation Program Manager, Public Works, added that there may be a change in the amount the County can expect, but a case can be made to get the extra point because it was a deduction for the cost of the actual drilling of the wells, which is going to be a competitive process anyway at the end. Mr. Lederer will be asked to sign a letter to be sent to DWR within the next week on how the County feels about the DWR's position and what the County will do.

7. ANNOUNCEMENTS

Deborah Elliott, Water Resources Specialist, distributed a flyer for the Vineyard Water Conservation Workshop being held Thursday, March 21 from 8:30 a.m. to 12:30 p.m. in the theater of the former Copia property.

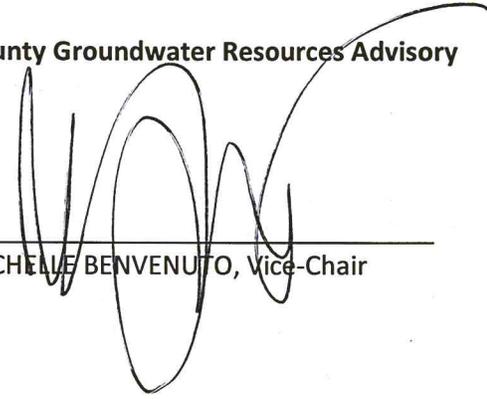
8. FUTURE AGENDA ITEMS

a. GROUNDWATER ORDINANCE & PERMIT PROCESS UPDATES (LSCE/JAN 2011)

Patrick Lowe, Natural Resources Conservation Program Manager, Public Works, distributed a handout for the GRAC to review in advance of the next meeting of updates to the Groundwater Ordinance and Permit Process, which were originally recommended by LSCE and included in the GRAC's original agenda packet of October 2011. There were some changes that weren't agreed to and will not be made exactly as presented. An actual draft of the proposed changes will be presented at the next meeting by Christine Secheli, Assistant Director, Planning, Building and Environmental Services.

9. ADJOURNMENT to the NEXT MEETING

Adjourned to the next regular meeting of the Napa County Groundwater Resources Advisory Committee on Thursday, April 25, 2013 at 2:00 p.m.

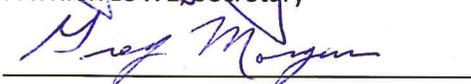


MICHELLE BENVENUTO, Vice-Chair

ATTEST:



PATRICK LOWE, Secretary



By: GREG MORGAN, Supervising Office Assistant

Voting Key

If not unanimous, member votes will be tallied (N = No; X = Excused; A = Abstained) using the following Committee Member abbreviations:

MB = Michelle Benvenuto; TC = Tucker Catlin; AG = Alan Galbraith; DG1 = Don Gleason; DG2 = Dave Graves;
MH = Michael Haley; PM = Peter McCrea; CS = Charles Slutzkin; SS = Steve Soper; MT = Marilee Talley;
BT = Bill Trautman; JV = Jim Verhey; SVR = Susanne von Rosenberg; DW1 = Duane Wall; DW2 = Dale Withers

Example Key:

MB TC AG DG1 DG2 MH PM CS SS MT BT JV SVR DW1 DW2