



# MARIPOSA COUNTY

Public Works • (209) 966-5356



## RESOLUTION - ACTION REQUESTED 2013-65

MEETING: February 26, 2013

TO: The Board of Supervisors

**MINUTE ORDER ATTACHED**

FROM: Peter Rei, Public Works Director

RE: Approve Funding for the Drilling of a New Well at Catheys Valley Park

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### RECOMMENDATION AND JUSTIFICATION:

Approve the Drilling of a New Well at Catheys Valley Park and Approve Budget Action Reducing General Fund Contingency to Cover the Expense (\$50,000).

During the last few months the existing well at Catheys Valley Park has repeatedly failed water quality tests for bacteria. Staff believes the problem is the result of soil mixing with the well water which results in testing that identifies bacteria in the water. When this occurs, the County is required by State Law to post Boil Water notices mandating that the water be boiled prior to being consumed. McCay Hall at Catheys Valley Park is often used for community events and this is a situation that needs to be resolved so that the users of the Hall can safely use the water.

Following consultation with the State Department of Health Services the best option to resolve the problem appears to be the drilling of a new well. The attached estimate has been prepared by staff after consulting with local well drillers. Following Board approval of the budget action, Public Works staff will send out a Request for Proposal (RFP) soliciting well drillers to provide a bid to drill the new well.

### BACKGROUND AND HISTORY OF BOARD ACTIONS:

### ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:

None that can be recommended as it is important to have safe drinking water at public facilities.

### FINANCIAL IMPACT:

**The General Fund Contingency will be reduced by \$50,000. Increase account 001-0161-427-0701 (Miscellaneous Transfers) in the amount of \$50,000.00; and Increase account 501-1300-309-1600 (Transfer In) in the amount of \$50,000.00; and Increase account 501-1300-770-0648 (Catheys Valley Well) in the amount of \$50,000.00; and Decrease account 001-0104-414-1090 (General Contingency) in the amount of \$50,000.00**

02/26/13 001-0161-427-0701 · Miscellaneous Transfers \$50,000.00  
02/26/13 501-1300-309-1600 · Transfer In \$50,000.00  
02/26/13 501-1300-770-0648 · Catheys Valley Well \$50,000.00  
02/26/13 001-0104-414-1090 · General Contingency (\$50,000.00)  
Total: \$100,000.00

**ATTACHMENTS:**

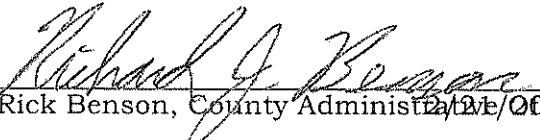
Catheys Valley Park Well Estimate (PDF)  
Budget Action - Catheys Valley Well (PDF)  
Citation for Non-Compliance for Catheys Valley Park Well (PDF)

**CAO RECOMMENDATION**

Requested Action Recommended

**COMMENTS**

There is a Current Balance of \$365,523 in the General Fund Contingency.

  
Rick Benson, County Administrator/Office

**RESULT: ADOPTED AS AMENDED [UNANIMOUS]**

**MOVER:** Merlin Jones, District II Supervisor

**SECONDER:** Janet Bibby, District III Supervisor

**AYES:** Stetson, Bibby, Cann, Carrier, Jones

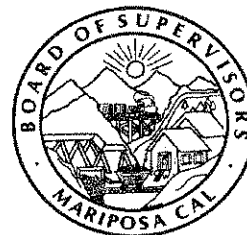


# COUNTY OF MARIPOSA

P.O. Box 784, Mariposa, CA 95338 (209) 966-3222

LEE STETSON, CHAIR  
KEVIN CANN, VICE-CHAIR  
JANET BIBBY  
MERLIN JONES  
JOHN CARRIER

DISTRICT I  
DISTRICT IV  
DISTRICT III  
DISTRICT II  
DISTRICT V



## MARIPOSA COUNTY BOARD OF SUPERVISORS

### MINUTE ORDER

TO: PETER REI, Public Works Director

FROM: RENE' LaROCHE, Clerk of the Board *RL*

SUBJECT: **Approve the Drilling of a New Well at Catheys Valley Park and Approve Budget Action Reducing General Fund Contingency to Cover the Expense (\$50,000)**

RES. 13-65

THE BOARD OF SUPERVISORS OF MARIPOSA COUNTY, CALIFORNIA

ADOPTED THIS Order on February

ACTION AND VOTE:

#### **2. Public Works RES-2013-65**

**Approve the Drilling of a New Well at Catheys Valley Park and Approve Budget Action Reducing General Fund Contingency to Cover the Expense (\$50,000).** 4/5ths Vote Required

The staff presentation was made by Peter Rei, assisted by Darryl Nielsen/Public Works Plant Operator Technician. Mr. Rei noted that five cycles of well chlorination have been attempted, with no success. Mr. Nielsen noted repair alternatives that have been considered. Mr. Rei is requesting permission to seek competitive well drilling bids. He further noted that the water in the existing well could still be used for watering the fields.

Supervisor Bibby noted regulations that require posting warnings in Spanish, and requested if it has yet been done. She advised that, if not, it should be done before Easter as that Park is heavily utilized during that period. Mr. Nielsen responded. Supervisor Bibby also requested clarification regarding the general contingency fund. Rick Benson/County Administrative Officer noted the effect, and balance, on the fund. Supervisor Bibby also voiced concerns regarding well placement as there is little extra area beyond sporting fields, buildings, leach fields, etc. She also noted her understanding that if a new well is drilled, it should meet State requirements for a long time. Mr. Nielsen responded.

Supervisor Jones requested clarification regarding whether a camera had been run into the well. Mr. Nielsen affirmed, noting that Yosemite Falls Well Drilling had done the camera work, but that there was no video as the camera was not functioning. County Counsel advised that the empirical data from the inspection would need to be supplied to any bidders. Supervisor Jones

requested clarification as to what was used to chlorinate the system. Mr. Nielsen responded. Mr. Rei clarified the chlorination process, and the parts per million that were achieved. Supervisor Jones advised that he would like to see the chlorinating tablets tried, as his experience has shown them to be more effective.

Supervisor Carrier requested clarification as to the damage to the well casing; potential location of a new well; the cost of the chlorinator; and the cost of maintenance, if water quality in a new well is less than optimal. Mr. Rei and Mr. Nielsen responded.

Supervisor Bibby commented on the heavy use at McKay Park; and requested clarification of any positive effects that might be seen from a second well. Mr. Rei responded, noting he feels that two wells would better serve the Park than one.

Supervisor Cann requested clarification on the depth of the current casing; the condition of the well; and whether the irrigation piping is separate. Mr. Nielsen responded.

Supervisor Jones inquired about the flow rate of the existing well; as well as the rate that was needed to meet all of the park's needs. Mr. Nielsen responded. Mr. Rei clarified that there have been infrequent times when the existing well has not been sufficient.

Supervisor Stetson inquired of the turnaround time, if a shock was attempted with chlorine tablets. Mr. Nielsen responded he could have the results next week.

CAO advised that, if the Board chooses, they can approve the item with modifications.

Discussion between Supervisor Cann and Mr. Rei relative to the possibility of surface infiltration.

Public Comment Opened.

Marvin Wells wondered if a reserve holding tank had been considered, as the water could be treated in the tank, and then used.

Public Comment Closed.

Supervisor Jones moved to approve the item, with the direction to try shocking the well with chlorine tablets first, then seek well drilling bids if the tablets fail.

**RESULT: ADOPTED AS AMENDED [UNANIMOUS]**

**MOVER:** Merlin Jones, District II Supervisor

**SECONDER:** Janet Bibby, District III Supervisor

**AYES:** Stetson, Bibby, Cann, Carrier, Jones

Cc: Bill Davis, Auditor  
File

## BUDGET ACTION FORM

FUND	DEPT/DIV	ACCOUNT	DESCRIPTION	PROJECT	INCREASE	DECREASE
001	0161-427	0701	Misc Transfers-Land, Bldg & Improv		50,000	
501	1300-309	1600	Transfers In		(50,000)	
501	1300-770	0648	Catheys Valley Well		50,000	
001	0104	414-1090	GENERAL CONTINGENCY			50,000
<b>TRANSFER BETWEEN FUNDS</b>						
TOTAL					50,000	50,000

ACTION REQUESTED: (Check all that apply)

- Budget appropriation by Board of Supervisors (4/5ths Vote Required): Amending the total amount available in the county budget, or in any one fund of the budget, or appropriating Reserve for Contingencies
- Transfer by Board of Supervisors (3/5ths Vote Required): Moving existing appropriations from one budget to another, or between categories within a budget unit;

JUSTIFICATION: To allocate funds to drill a new well at Catheys Valley Park

DEPT HEAD SIGNATURE Barbara Allen DATE 02/14/13  
 APPROVED BY RES NO. 13-65 CLERK Rene LaRoche DATE 2-27-13

<b>AUDITOR'S USE ONLY</b> BA#
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## Peter Rei

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**From:** Darryl Nielsen  
**Sent:** Wednesday, January 30, 2013 5:15 PM  
**To:** Peter Rei  
**Subject:** Catheys Valley Park Well Costs

I have a rough idea of how far we will have to drill.  
600' on average at \$40 = \$24,000  
100' casing/ seal \$50 per foot = \$5,000  
New well pump/ Electrical / and piping= \$16,000  
CEQA costs?  
Chemical Analyzes =\$800 we aren't required to do a full title 22  
State Permitting=\$258  
Total \$46,058

Darryl Nielsen  
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Mariposa County Public Works Dept.  
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