

1. Item 1

Documents:

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Napa County Flood Protection And Watershed Improvement Authority Board Agenda Letter

TO: Board of Directors

FROM: Alice Hughey - County Executive Officer
Flood Control Authority

REPORT BY: Daisy Lee, Senior Flood Project Analyst - 253-4514

SUBJECT: Amendment No. 13 to Funding Agreement No. 19 with the City of Calistoga

RECOMMENDATION

Executive Director requests approval of and authorization for the Chair to sign Amendment No. 13 to an agreement (formerly Agreement No. 19 (NCFPWIA)) with the City of Calistoga for a new maximum of \$10,488,116, subject to available tax revenues collected for the jurisdiction through the remaining term of the Measure A tax, which sunsets June 30, 2018, to do the following:

1. Add \$1,414,150 to Project No. 7 – Kimball Dam Intake Tower, Drain Valve, Bypass Structure, and Water Rights Protection;
2. Add a new project called the Grant Street Phase II Drainage Improvements (Project No.11) in the amount of \$1,328,443; and
3. Close out Project No. 8 (Abandon Old Water Transmission Main) and Project No. 9 (Grant Street Drainage Improvements between Maggie and Michael Way) and return the remaining balance of \$130,313 and \$8,176, respectively, to available Measure A funds to be used for Project No. 11.

EXECUTIVE SUMMARY

The proposed amendment adds a new project called the Grant Street Phase II Drainage Improvements (Project #11). Calistoga is also requesting additional Measure A funds for Project #7 - Kimball Dam Intake Tower, Drain Valve, Bypass Structure, and Water Rights Protection as well as to close out Project #8 - Abandon Old Water Transmission Main and Project #9 - Grant Street Drainage Improvements between Maggie and Michael Way and return the remaining balance to available Measure A funds. The new maximum amount with the amendment will be \$10,488,116. If the sales taxes generated are less than the amount of funds necessary to pay for the completion of all the approved projects, the City understands it will need to use alternate resources or reduce the scope of work on the projects.

FISCAL IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	Fund 2710/Sub-division 2710007
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	Additional funding will allow the City of Calistoga to address flooding and drainage improvements in the Grant Street area as well as complete the construction of the intake tower, drain valve and piping associated with the Kimball dam. These projects are consistent with the intent of Measure A.
Is the general fund affected?	No
Future fiscal impact:	Fund balance and future sales tax revenues are expected to pay for the ongoing projects until Measure A expires in June 2018. The City of Calistoga acknowledges that if the Measure A revenues are not available or insufficient, the City will either fund the remainder of the projects with other sources of revenue or reduce the size of the projects.
Consequences if not approved:	The City of Calistoga will have to find other funding to complete the projects.
Additional Information:	

ENVIRONMENTAL IMPACT

ENVIRONMENTAL DETERMINATION: The Authority is legally obligated to fund local agency projects which are included in the voter approved Measure A Ordinance as "approved projects." As such, the Authority's action on this item qualifies as a Ministerial Act and a Statutory Exemption pursuant to Section 15268(a) of the California Environmental Quality Act (CEQA). The City of Calistoga, as Lead Agency for the projects being funded, is responsible for completing CEQA compliance prior to release of funds by the Authority.

BACKGROUND AND DISCUSSION

In March 1998, voters approved a half-cent sales tax increase for flood control purposes known as "Measure A." In accordance with Section 8 of the Measure A Ordinance, projects must be designed to protect against flooding, improve water quality, preserve the integrity of groundwater resources and/or stabilize water supply reliability for the existing Napa County population. Projects are not intended nor designed to expand water capacity for growth or new development. The County and each City and Town are entitled to the proceeds from Measure A generated within their political boundaries for projects that were specified in the ballot measure. For the City of Calistoga, the measure reads:

1. Stabilization and enhancement of Kimball Reservoir which shall be for the purpose of flood protection and water supply reliability; and
2. Flood protection and drainage improvements in the Grant Street area and other critical areas to protect residents and businesses from flooding.

The projects being implemented by the City of Calistoga have been reviewed and determined to comply with Measure A by both the District Engineer and the Authority Counsel. Descriptions of these projects and the authorized funding are provided below.

This item authorizes the projects and spending limits using Measure A sales tax revenues. If the sales taxes generated are less than the amount of funds necessary to pay for the completion of all the approved projects, the City understands it will need to use alternate resources or reduce the scope of work on the projects.

PROJECT DESCRIPTIONS

Project #1 - Stabilization and Enhancement of Kimball Reservoir (Project Completed)

The Kimball Canyon Dam was constructed for flood control and to provide a water supply for the community of Calistoga. The original storage capacity was estimated to be 409 acre-feet. Since its construction, Kimball Reservoir has accumulated sediment and debris, especially during periods of high runoff. Reservoir soundings taken in 1991 indicated sedimentation had reduced the reservoir capacity to about 312 acre-feet. This sedimentation accumulation has reached a level that is affecting the operation of the intake facilities for the water treatment plant and degrading water quality. This project is consistent with Section 8.C.1 of the Measure A Ordinance for the purpose of flood protection and water supply reliability.

Measure A funds were used to complete CEQA documents, secure permits, secure grant funding applications and deliver a bid package including plans, specifications and estimates to complete the dredging of Kimball reservoir. The total amount authorized for Project #1 prior to Amendment No. 11 is \$185,000.

FY 2003/2004	\$104,501
FY 2004/2005	\$17,714
FY 2005/2006	\$3,524

The total amount spent as of June 30, 2011 is \$125,739.

Proposed Amendment No. 11: The City of Calistoga has requested to close out this project, as dredging was determined to not be cost effective. Amendment No. 11 will amend the previously authorized amount of \$185,000 to \$125,739.

Project #2 - Flood Protection and Drainage Improvements in the Grant Street Area (Project Completed)

The drainage improvements in the area of Grant Street from Stevenson Street to Lake Street consist of an open swale that carries water to the drainage system. Installation of approximately 670' of 12" storm drain improvements will direct water to an underground piping system and will help prevent street flooding in this area. This project is consistent with Section 8.C.2 of the Measure A Ordinance for the purpose of flood protection and drainage improvements in the Grant Street area.

The total amount authorized and spent for Project #2 is \$117,470.

Project #3 - 24" Culvert Repair - Fischer Street at Lake Street (Project Completed)

This project repaired/replaced the 24" culvert at Fischer Street and Lake Street, preventing the drainage ditch from overflowing. This project is consistent with Section 8.C.2 of the Measure A Ordinance for the purpose of flood protection and drainage improvements in the Grant Street area and other critical areas.

The total amount authorized and spent for Project #3 is \$12,020.

Project #4 - 1.5 Million Gallon Water Storage Tank (Project Completed)

The purpose of this project is to provide enhanced water supply reliability to comply with California Department of Public Health Compliance Order 02-03-96CO-003. The 1.5-million-gallon water storage tank will be used to store treated water from Kimball Reservoir and other sources and enhance the City's overall water supply reliability from Kimball Reservoir. This project does not expand the capacity of the City's system for growth or development. While the total cost of water storage tank construction exceeds \$6 million, the City will use Measure A funds to cover a one-time cost share. This project is consistent with Section 8.C.1 of the Measure A Ordinance for the purpose of flood protection and water supply reliability.

The total amount authorized and spent for Project #4 is \$2,700,000.

Project #5 - Schedule of Debt Payments on \$2.5M USDA Loan for Phase I and II of the Kimball Water Facilities Improvement Project (Ongoing)

USDA loans were obtained for the Kimball Water Facilities Improvement Project. Phase I consists of replacing three miles of 12" diameter water transmission main from the Kimball Water Treatment Plant to Mora Avenue on Grant Street. Phase II consists of the installation of reliability improvements at the Kimball Water Treatment Plant and Reservoir. This Project is consistent with Section 8.C.1 of the Measure A Ordinance for the purpose of water supply reliability.

The total amount authorized for Project #5 prior to Amendment No. 11 is \$3,161,700. The actual debt payments were as follows:

FY 2008/2009	\$125,659
FY 2009/2010	\$379,850
FY 2010/2011	\$368,994
FY 2011/2012	\$117,880
FY 2012/2013	\$113,068
Total Payments:	\$1,105,451

The balance as of July 1, 2013 is \$2,056,249 (\$3,161,700 - \$1,105,451).

The City of Calistoga was advised by USDA to revise its debt payment schedule to reflect the original schedule it entered with USDA, as accelerated payments were not allowed. Therefore, the remainder of the payment schedule was revised under Amendment No. 11 as follows:

FY 2013/2014	\$134,125
FY 2014/2015	\$133,813
FY 2015/2016	\$134,456
FY 2016/2017	\$134,013
FY 2017/2018	\$134,525

The revised total amount for FY 2013-2014 through FY 2017-2018 is \$670,932. The revised total amount for Project #5 in Amendment No. 11 is \$1,776,382. The City will fund the debt service payments beyond FY 2017-2018 from other sources.

Project #6 - Drainage Improvements in Southeastern Calistoga (Completed)

The purpose of this project is to reduce flooding in southeastern Calistoga and is consistent with Section 8.C.2. of

the Measure A Ordinance. The City deems this a critical area for drainage improvement.

A bypass culvert will be installed from Central Creek to the Main Ditch at a point downstream of the Chateau Calistoga Mobile Home Park for the purpose of handling increases in stormwater flows and to reduce the probability of flooding in the mobile home park. The Main Ditch will be widened to create a bottom of 15' and a 2:1 side slope on the east and north sides of the channel from the mobile home park south and east to the existing 48" culverts. Additionally, the Main Ditch will be widened to a 33' bottom, with a 2:1 side slope from the existing two 48" diameter culverts to its outlet at the Napa River. The project will also include the replacement of two 48" diameter culverts with a bridge designed with a minimum width of 12', concrete abutments and steel beams supporting a wood or metal deck.

The total amount authorized and spent for Project #6 is \$600,000.

Project #7 - Kimball Dam Intake Tower, Drain Valve, Bypass Structure, and Water Rights Protection (Ongoing Project)

This project will support water supply reliability for Kimball Reservoir and is consistent with Section 8.C.1 of the Measure A Ordinance. Certain dam structures are inadequate and, if not replaced, may result in catastrophic flooding from dam failure. City water rights for Kimball Reservoir have also been challenged, requiring hydrology studies, fishery biologist studies and legal support costs. The City's bypass structure and level sensor need to be upgraded to better support fish habitat. The total amount authorized for Project #7 is \$1,100,000. The actual amount spent is as follows:

FY 2011/2012	\$700,000
FY 2012/2013	\$0

The balance as of July 1, 2013 is \$400,000.

The City of Calistoga requested an additional \$250,000 for this Project under Amendment No. 11. A survey of the bottom of the reservoir is necessary and may require minimal dredging in and around the intake structure. Amendment No. 11 modified the budgets in FY 2013-2014 and FY 2014-2015 as follows:

FY 2013/2014	\$150,000
FY 2014/2015	\$500,000

The revised total amount for Project #7 in Amendment No. 11 is \$1,350,000.

Amendment No. 13 - The design of the intake tower replacement, drain valve and piping improvements is complete. The City's estimate to complete the construction is \$1,804,693, which includes construction, construction inspection services and environmental permit inspection services and a 15% contingency. Calistoga is requesting additional funds in the amount of \$1,414,150.

The revised total amount for Project #7 in Amendment No. 13 is \$2,764,150.

Project #8 - Abandon Old Water Transmission Main from Kimball Reservoir and Connect Existing Water Services to New Water Transmission Main (Completed Project)

This project will complete the Kimball Water Transmission Main project along Bennett Lane by abandoning the old water transmission main that runs through vineyards to serve six existing City water customers. These customers

will be reconnected to the new water line with a water line easement across APN 017-130-061. Relocation of these water services will provide water supply reliability, consistent with Section 8.C.1 of the Measure A Ordinance.

The total amount for Project #8 in Amendment No. 11 is \$152,000.

Amendment No. 13 - Calistoga has expended \$21,687.36 to date leaving a balance of \$130,312.64. Calistoga wishes to close out this project and return the unspent balance of \$130,312.64 to Measure A so that the funds can be used for Project #11.

The revised total amount for Project #8 in Amendment No. 13 is \$21,687.36 (actual amount spent).

Project #9 - Grant Street Drainage Improvements Between Maggie Street and Michael Way (formerly called the Grant Street Culvert Repair between Redwood Avenue and Michael Way) (Completed Project)

The original Project was going to replace a collapsed drainage box culvert. The revised project will not only replace the failed culvert, but also extends the master planned drainage improvements on Grant Street between Maggie Street and Michael Way to address long standing flooding issues. The proposed project includes design and construction of the following:

1. Install a storm drain system of various diameters (48", 54", and 21") in Grant Street.
2. Relocate existing sewer, water and recycled water utility lines to allow for the placement of the storm drain system. The new utility lines will be the same diameters.
3. The Grant Street area drains to the Napa River through an existing drainage ditch that crosses the Mount St. Helena golf course. The channel needs to be deepened by several feet to accommodate the new storm drain.
4. The paved roadway will be torn up for construction, and new paving will be installed.

The total amount for Project #9 in Amendment No. 11 is \$175,000.

The Revised Amount for Project #9 with Amendment No. 12 is \$1,042,901.

Amendment No. 13 - Project #9 is complete. A total of \$1,034,725.11 has been spent, leaving a balance of \$8,175.89 to be returned to Measure A so that the funds can be used for Project #11.

The revised total amount for Project #9 with Amendment No. 13 is \$1,034,725.11 (actual amount spent).

Project #10 - Grant Street Napa River Outfall Repair (Completed Project)

This project will repair the erosion to support the outfall and pipe from further scour. The project is consistent with Section 8.C.2 of the Measure A Ordinance for the purpose of flood protection and drainage improvements in the Grant Street area and other critical areas.

The total amount for Project #10 in Amendment No. 11 is \$7,500.

Proposed Project #11 - Grant Street Phase II Drainage Improvements (New Project)

The Phase II Grant Street Improvements Project will replace the existing 36" storm drain with two 48" pipes that run through the Napa County Fairgrounds, which has been a bottleneck to the Grant Street watershed. Some concrete culverts along with new junction structures and drain inlets will also be constructed. This second phase of the project will complete the lower Grant Street and Michael Way improvements and will convey the 100-year anticipated storm water flows thereby eliminating localized flooding and associated damages to structures, roadway and other improvements. This is a new project request. The project meets the Measure A ordinance,

Section 8.C.2., which states "flood protection and drainage improvements in the Grant Street area and other critical areas to protect residents and businesses from flooding."

Total Amount for Project #11 in Amendment No. 13 is \$1,328,443.

The contract funding history is provided in the table below.

CONTRACT FUNDING HISTORY

Amendment No.	Date	Amount	Maximum
Original Contract	11/18/03		\$185,000
#1	7/13/04	Extended Term	\$185,000
#2	4/19/05	\$85,408	\$270,408
#3	10/4/05	\$34,315	\$304,723
#4	7/5/06	Extended Term	\$304,723
#5	6/24/08	\$16,000	\$320,723
#6	6/23/09	\$5,861,700	\$6,182,423
#7	6/29/10	Extended Term	\$6,182,423
#8	10/19/10	\$600,000	\$6,782,423
#9	08/09/11	\$1,093,767	\$7,876,190
#10	1/10/12	n/a	\$7,876,190
#11	9/24/13	(\$860,080)	\$7,016,110
#12	12/8/15	\$867,901	\$7,884,011
#13	8/1/2017	\$2,604,105	\$10,488,116

With the approval of Amendment No. 13, the funding summary of the eleven projects will be as follows:

Project	Total Amount Authorized	
	Prior to Amendment No. 13	Proposed Amendment No. 13
1	\$125,738.31	\$125,738.31
2	\$117,470	\$117,470
3	\$12,020	\$12,020
4	\$2,700,000	\$2,700,000
5	\$1,776,382	\$1,776,382
6	\$600,000	\$600,000
7	\$1,350,000	\$2,764,150
8	\$152,000	\$21,687.36
9	\$175,000	\$1,034,725.11

10	\$7,500	\$7,500
11	---	\$1,328,443
TOTAL	\$7,016,110.31	\$10,488,115.78

SUPPORTING DOCUMENTS

None

Executive Director Recommendation: Approve

Reviewed By: Helene Franchi

AGENDA
SPECIAL MEETING
NAPA COUNTY FLOOD PROTECTION AND
WATERSHED IMPROVEMENT AUTHORITY

Tuesday August 01, 2017 10:30 A.M.

Brad Wagenknecht
Member

Ryan Gregory
Member

Diane Dillon
Member

Alfredo Pedroza
Member

Belia Ramos
Member

GENERAL INFORMATION

The Flood Protection and Watershed Improvement Authority meets at 2:00 P.M. in regular session at 1195 Third Street, Suite 305, Napa, California 94559. The meeting room is wheelchair accessible. Assistive listening devices and interpreters are available through the Clerk of the Board of the Napa County Board of Supervisors. Requests for disability related modifications or accommodations, aids or services may be made to the Clerk of the Board's office no less than 72 hours prior to the meeting date by contacting (707) 253-4580.

The agenda is divided into three sections:

CONSENT ITEMS - These matters typically include routine financial or administrative actions, as well as final adoption of ordinances that cannot be both introduced and adopted at the same meeting. Any item on the CONSENT CALENDAR will be discussed separately at the request of any person. CONSENT CALENDAR items are usually approved with a single motion.

SET MATTERS - PUBLIC HEARINGS - These items are noticed hearings, work sessions, and items with a previously set time.

ADMINISTRATIVE ITEMS - These items include significant policy and administrative actions and are classified by program areas. Immediately after approval of the CONSENT CALENDAR, if the time for hearing SET MATTERS has not arrived, ADMINISTRATIVE ITEMS will be considered.

All materials relating to an agenda item for an open session of a regular meeting of the Napa County Flood Protection and Watershed Improvement Authority which are provided to a majority or all of the members of the Board by Board members, staff or the public within 72 hours of but prior to the meeting will be available for public inspection, at the time of such distribution, in the office of the Secretary, 1195 Third Street, Suite 305, Napa, California 94559, Monday through Friday, between the hours of 8:00 a.m. and 5:00 p.m., except for County holidays. Materials distributed to a majority or all of the members of the Board at the meeting will be available for public inspection at the public meeting if prepared by the members of the Board or County staff and after the public meeting if prepared by some other person. Availability of materials related to agenda items for public inspection does not include materials which are exempt from public disclosure under Government Code sections 6253.5, 6254, 6254.3, 6254.7, 6254.15, 6254.16, or 6254.22.

ANY MEMBER OF THE AUDIENCE DESIRING TO ADDRESS THE BOARD ON A MATTER ON THE AGENDA please proceed to the rostrum and, after receiving recognition from the Chair, give your name, address, and your comments or questions. In order that all interested parties have an opportunity to speak, please be brief and limit your comments to the specific subject under discussion. Time limitations shall be at the discretion of the Chair or Board.

AGENDA AVAILABLE ONLINE AT www.countyofnapa.org

1. **CALL TO ORDER; ROLL CALL**
2. **APPROVAL OF MINUTES**
3. **CONSENT ITEMS**
4. **DISCUSSION OF ITEMS REMOVED FROM THE CONSENT CALENDAR**
5. **PUBLIC COMMENT**

In this time period, anyone may address the Flood Protection and Watershed Improvement Authority regarding any subject over which the Authority has jurisdiction but which is not on today's posted agenda. In order to provide all interested parties an opportunity to speak, time limitations shall be at the discretion of the Chair. As required by Government Code, no action or discussion will be undertaken on any item raised during this Public Comment period.

6. **SET MATTERS OR PUBLIC HEARINGS**
7. **ADMINISTRATIVE ITEMS**

- A. Executive Director requests approval of and authorization for the Chair to sign Amendment No. 13 to an agreement (formerly Agreement No. 19 (NCFPWIA)) with the City of Calistoga for a new maximum of \$10,488,116, subject to available tax revenues collected for the jurisdiction through the remaining term of the Measure A tax, which sunsets June 30, 2018, to do the following:
 1. Add \$1,414,150 to Project No. 7 – Kimball Dam Intake Tower, Drain Valve, Bypass Structure, and Water Rights Protection;
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8. **REPORTS AND ANNOUNCEMENTS FROM BOARD MEMBERS**
9. **FUTURE AGENDA ITEMS**
10. **EXECUTIVE DIRECTOR REPORTS AND ANNOUNCEMENTS**
11. **CLOSED SESSION**
12. **ADJOURNMENT**

**ADJOURN TO THE NAPA COUNTY FLOOD PROTECTION AND WATERSHED IMPROVEMENT AUTHORITY
REGULAR MEETING, TUESDAY, OCTOBER 10, 2017 AT 2:00 P.M.**

I HEREBY CERTIFY THAT THE AGENDA FOR THE ABOVE STATED MEETING WAS POSTED AT A LOCATION FREELY ACCESSIBLE TO MEMBERS OF THE PUBLIC AT THE NAPA COUNTY ADMINISTRATIVE BUILDING, 1195 THIRD STREET, NAPA, CALIFORNIA ON JULY 28, 2017 BY 5:00 P.M. A HARDCOPY SIGNED VERSION OF THE CERTIFICATE IS ON FILE WITH THE SECRETARY AND AVAILABLE FOR PUBLIC INSPECTION.

Gladys I. Coil (By e-signature)
GLADYS I. COIL, Secretary