

Staff Report

for the Board of Directors Meeting of April 25, 2018

TO: Board of Directors

FROM: Remleh Scherzinger, PE, MBA, General Manager
Gary D. King, PE, PhD, Engineering Manager

DATE: March 26, 2018

SUBJECT: Raw Water Master Plan Update (FATR#1041)

ENGINEERING

RECOMMENDATION:

Approve Resolution 2018-09 and budget amendment in the amount of \$500,000 to update the Raw Water Master Plan (RWMP), and authorize the General Manager to execute the appropriate documents.

BACKGROUND:

On March 13, 2013, the Board of Directors approved Chapters 1 through 7 of the RWMP. These chapters covered the methodology for flow development and future demand schedules. The RWMP is the foundation for future improvements and future service standards for the District. This proposed update will build on the current approved RWMP and include information not available at the time of that document such as new environmental flow commitments.

The basic outline for the update is attached to this staff report. The outline has extensive public outreach. Outreach will dialog with our community to develop and evaluate alternatives to our current service model. Ultimately establishing a planning tool that will align with the General Plans of Nevada, Placer and Yuba counties, and the cities of Grass Valley, Nevada City, and Lincoln.

This update will analyze supply and demand issues with input from the public during workshops. The workshops for RWMP will work to inform, educate and listen to wants and needs of the community, evaluate alternatives and impacts, and develop community-wide solutions for the short term and long term needs of the community. This update will chart the District's course for the next 50 years and provide series of optional courses for Board deliberation and adoption.

This update was not budgeted in 2018 and requires significant services from consultants such as project management, public relations and master plan

modeling. Since this cannot be accommodated using current staffing; staff has included a budget amendment for these services.

BUDGETARY IMPACT:

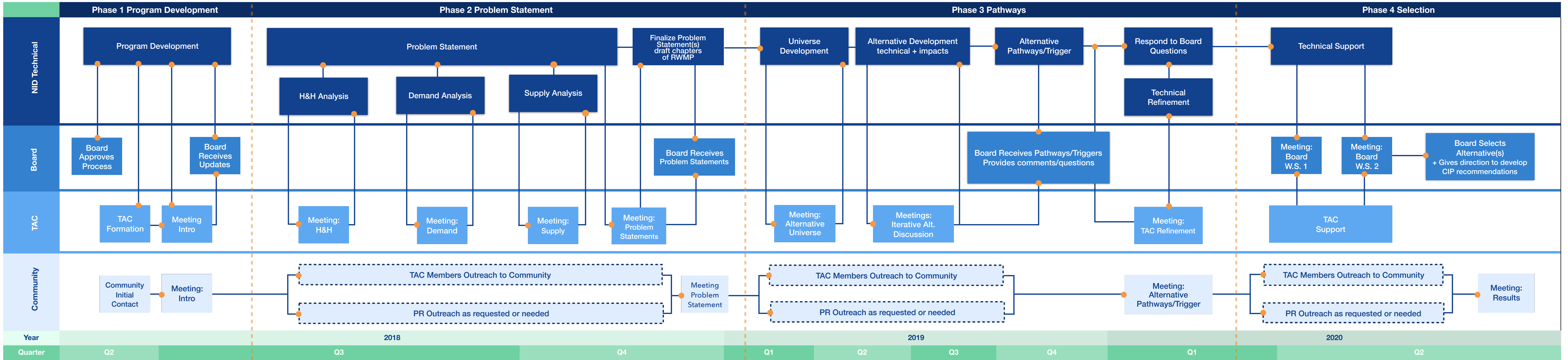
The attached budget amendment for \$500,000 is a transfer of funds from existing budgeted projects and programs.

- \$100,000 from Backbone Extension Program (10151-52911) leaving \$900,000 in the 2018 budget
- \$100,000 from the Raw Water Pipeline Replacement Program (10151-52910) leaving \$1,000,000 in the 2018 budget
- \$100,000 from the Minor System Replacement Program (10151-52909) leaving \$500,000 in the 2018 budget
- \$100,000 from the Community Investment Program (10151-52912) leaving \$2,200,000 in the 2018 budget
- \$100,000 from Alta Sierra Tank Project (10151-52915-6971) leaving \$1,600,000 in the 2018 budget

Attachments

- Update Outline
- Budget Amendment
- Resolution

RS/GDK





**NEVADA IRRIGATION DISTRICT
BUDGET AMENDMENT REQUEST**

Request Number

Req. No BA 2017 - 44

Date: 4/18/2018
 To: Remleh Scherzinger, General Manager
 From: Department Manager(s)

Initial _____

Budget Transfer: Enter Operating/Capital Expenditure or Revenue line items.

Department	Object / Account	Increase/(Decrease)
10151 Engineering	52911 Proj Bud: Backbone Extension	\$ (100,000.00)
10151 Engineering	52910 Proj Bud: Raw Water	\$ (100,000.00)
10151 Engineering	52909 Proj Bud: Minor System	\$ (100,000.00)
10151 Engineering	52912 Proj Bud: Community Invest	\$ (100,000.00)
10151 Engineering	52915 Proj Bud: Non-Programmatic	\$ (100,000.00)

Budget Increase: Enter Operating/Capital Expenditure or Revenue line items.

Department	Object / Account	Increase/(Decrease)
10115 Management	52603 Consulting/Contractor Fees	\$ 500,000.00

Division Fund	Funding Account	Increase/(Decrease)

Explanation: Enter narrative explaining reason for amendment.

Raw Water Master Plan (RWMP) Board Approval on April 25, 2018, Resolution 2018-09

APPROVALS:

	<u>Date</u>	<u>Signature</u>	<u>AGM/FM Initials</u>	<u>Approved/Denied</u>
Level I:				
Level II:				
Level III:				



RESOLUTION No. 2018-09

OF THE BOARD OF DIRECTORS OF THE NEVADA IRRIGATION DISTRICT

RAW WATER MASTER PLAN 2018 UPDATE

WHEREAS, the Nevada Irrigation District (the "District") intends to update the current Raw Water Master Plan (RWMP) which was approved by the Board on March 13, 2013; and

WHEREAS, the Irrigation District is responsible for the Acquisition, Treatment and Delivery of water to portions of Nevada, Placer and Yuba Counties, and

WHEREAS, the District's desires to develop long term (50yr) plan for the delivery of water to the District's service area; and

WHEREAS, Raw water deliveries support raw water customers for agricultural and urban uses and provides water for treated water plants, which in turn support the treated water customers of the District; and

WHEREAS, Climate change continues to effect the District's abilities to sustainably Capture, Store and Deliver water to our community, and

WHEREAS, since approval and development of the Raw Water Master Plan in 2013 numerous changes in the base assumptions have occurred, such as future FERC environmental water commitments, newer climate change inputs and expanding conservation regulations, these changes must be addressed with an update to the 2005 plan; and

WHEREAS, On January 9th, 2018 the Water and Hydroelectric Operation Committee directed staff to issue a contract to update the demands in the 2005 Raw Water Master Plan; and

WHEREAS, the public needs the opportunity to review the study, its approach and to participate in a collaborative process to address the future supply and demand needs of the District.

WHEREAS, the collaborative process must consider existing and new customers including the complete service area of the District.

NOW, THEREFORE, BE IT RESOLVED, the Board of Directors of the Nevada Irrigation District hereby adopts the following to direct the update of the Raw Water Master Plan:

BE IT FURTHER RESOLVED, that the District will prioritize its work giving the highest priority to the update of the Raw Water Master Plan, and

BE IT FURTHER RESOLVED, the District will conduct a robust and all-inclusive community process to define the needs of our community and to develop a plan that will address our water wants and needs 50 years into the future, and

BE IT FURTHER RESOLVED, The District will transfer \$500,000 to the Raw Water Master Plan Project #1041 from various capital projects, and

BE IT FURTHER RESOLVED, that the resolution directs the General Manager to procure appropriate professional assistance to update the Raw Water Master Plan.

* * * * *

PASSED AND ADOPTED by the Board of Directors of the Nevada Irrigation District at a regular meeting held on the 25th day of April 2018, by the following vote:

AYES:	Directors:
NOES:	Directors:
ABSENT:	Directors:
ABSTAINS:	Directors:

President of the Board of Directors

Attest:

Secretary to the Board of Directors