

# Staff Report

for the Board of Directors Meeting of June 27, 2018

**TO:** Members of the Board of Directors

**FROM:** Greg Jones, Assistant General Manager

**DATE:** June 20, 2018

**SUBJECT:** **Combie Sediment and Mercury Removal Project (FATR #2135):  
USGS Contract Authorization**

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## ***ADMINISTRATION***

### **RECOMMENDED ACTION:**

Approve Amendment 4 of a sole-source Joint Funding Agreement (JFA) #17WSCA6001020 with the United States Geological Survey (USGS) in the amount of \$868,670, for the collection and analysis of sediment, water, and zooplankton from Combie Reservoir, and authorize the General Manager to execute the necessary documents.

### **BACKGROUND:**

On April 25, 2018, the NID Board of Directors approved Resolution #2018-08 authorizing the General Manager to execute the Funding Agreement and any Amendments thereto, in the amount of \$5,500,000 with the Department of Water Resources for the Combie Sediment and Mercury Removal Project. This Agreement (#4600012439) has been executed by all parties.

The purpose of this amendment is to continue the collection and analysis of sediment, water, and zooplankton from Combie Reservoir. In Q4 2017 and Q1 2018, NID entered into Amendments 1 – 3 of the project JFA and began pre-project assessments totaling \$191,596 as approved by the APC on February 6, 2018.

Within this Amendment, the USGS will engage in pre, during and post-project research monitoring activities which will ultimately address how the sediment removal process effects the reservoir as a whole, as defined in the CEQA document. This Amendment of \$868,670 will comprise of ongoing research, quarterly summaries, annual summary reports and a final report synthesizing all the data. This is a multi-year Agreement, ending December 31, 2022. The USGS project cost share is \$41,211, or 4% of total cost.

This contract is one of a number of contracts necessary to complete the project as outlined in the projected budget table below.

		DWR (10115-52915)	NID Funds (10115-52915)	Totals	Contractor	FY Period
<b>Task</b>	<b>Description</b>					
1	Project Management / Compliance Activities	\$ -	\$ 519,774	\$ 519,774	H&K/NV5	2018 - 2020
2	Concentrator Alteration & Mercury Consultation	\$ 100,000	\$ -	\$ 100,000	T. Reimchen	2018 - 2019
3	Knelson Concentrator	\$ 209,143	\$ -	\$ 209,143	FLSmith	2017 - 2018
4	Sed Removal & Mercury Recovery Operations	\$ 4,576,000	\$ 42,723	\$ 4,618,723	GLEI	2018 - 2020
5	Sediment Disposal	\$ -	\$ 600,000	\$ 600,000	Teichert	2018 - 2020
6	Biological Research Activities & Reporting	\$ 400,000	\$ 701,477	\$ 1,101,477	USGS	2017 - 2022
7	Community Engagement & Outreach	\$ -	\$ 100,000	\$ 100,000	TSF	2017 - 2020
N/A	Budget Unallocated	\$ 214,857		\$ 214,857	Unallocated	
	<b>Project Total</b>	<b>\$ 5,500,000</b>	<b>\$ 1,963,974</b>	<b>\$ 7,463,974</b>		2017 - 2022

Staff recommends approving Amendment 4 of a sole-sourced Joint Funding Agreement #17WSCA6001020 with the United States Geological Survey in the amount of \$868,670 for the continuation of the collection and analysis of sediment, water and zooplankton from Combie Reservoir, and authorize the General Manager to execute the necessary documents.

**BUDGETARY IMPACT:**

The Combie Reservoir Sediment and Mercury Removal Project (FATR 2135) will cost \$7.5M, the District's executed grant award Agreement #4600012439 with the State of California Department of Water Resources is \$5.5M and \$2.0M is being funded from Capital Reserves.