

# Staff Report

for the Board of Director's Meeting, March 22, 2017

**TO:** Board of Directors

**FROM:** Gary D. King, Engineering Manager  
Adrian Schneider, Senior Engineer

**DATE:** March 15, 2017

**SUBJECT:** Newtown Reservoir Cleaning Project – Preliminary Review and Initial Study

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***ENGINEERING***

**RECOMMENDATION:**

Adopt Resolution No. 2017- 08, for mitigated negative declaration , and approving the project and mitigation monitoring and reporting program for the project.

**BACKGROUND:**

The Newtown Reservoir is part of the Newtown canal system. The reservoir has accumulated sediment over time and has lost a significant portion of its useable capacity.

This project is part of the District's operational needs to restore reservoir capacity. Sediment removal will be accomplished using methods such as dewatering the reservoir and using conventional excavator and loader. The removed sediment will then be temporarily stockpiled for dewatering. Once dewatered the sediment will be transported off site to be used as fill material.

In order to minimize environmental and operational impacts the work will be done in the fall. The sediment removal is anticipated to take between two to three months or multiyear removal depending on weather and funding.

The Initial Study/Mitigated Negative Declaration CEQA document details the environmental impacts that will be less than significant given the implementation of mitigation measures. The public comment period for the CEQA document ended March 2, 2017.

Communications with the property owner and family (DeMartini) were conducted in February 2017. Mark DeMartini indicated that the sediment removed should not be placed directly south of the reservoir, but rather further east to fill a natural depression in the topography. Staff stated to Mr. DeMartini that construction detail and property activity would be further flushed out with the property owner prior to project initiation.

The engineering staff recommends that this resolution be adopted and the project approved for implementation.

**BUDGETARY IMPACT:**

This project will be part of the Sediment Removal Program that is currently unfunded, however we will be requesting funding in 2018 for this program.

**(ADOPTING A MITIGATED NEGATIVE DECLARATION, AND APPROVING THE  
PROJECT – NEWTOWN RESERVOIR CLEANING PROJECT)**

**WHEREAS**, Nevada Irrigation District (“District”) has undertaken the review of a project to clean the Newtown Reservoir of accumulated sediment to regain lost capacity (the “Project”); and

**WHEREAS**, the California Environmental Quality Act of 1970 (“CEQA”) requires state, local, and other agencies to evaluate or reduce, when feasible, the significant environmental impacts of their respective projects; and

**WHEREAS**, the District’s engineering staff has prepared a Preliminary Review and Initial Study (“Initial Study”) for the proposed Project (including biological studies conducted by Stantec), in accordance with the requirements of CEQA; and

**WHEREAS**, on January 13, 2017, a Notice of Intent to Adopt a Mitigated Negative Declaration for the Project was published in The Union newspaper, advising of the time and place of a public hearing on the Project; and

**WHEREAS**, on March 22, 2017, following a public hearing on the Negative Declaration for the Project, the Board of Directors of the Nevada Irrigation District approved the adoption of the proposed Mitigated Negative Declaration for the Project as presented; and

**NOW THEREFORE, BE IT RESOLVED** by the Board of Directors of the Nevada Irrigation District that it does find as follows:

1. The above recitals are true and correct.
2. Based on its review of the whole record before it, including the Initial Study, presentations of Staff and the public comments, both written and oral, received in response to its Notice of Intent, the Board finds that there is no substantial evidence of record that the Project will have a significant effect on the environment and that the Mitigated Negative Declaration represents the independent judgment and analysis of the District.
3. Mitigation measures are made a condition for approval of the Project and the Board hereby adopts the mitigation measures which it has either required in the Project or made a condition of approval to mitigate or avoid significant environmental impacts.

4. The documents which constitute the record of proceedings upon which the decision of the Board is based are located at the offices of Nevada Irrigation District, 1036 West Main Street, Grass Valley, California, and the Secretary to the Board is the custodian thereof.
5. The Board of Directors hereby approves the Project.
6. The Board Secretary is hereby authorized to file a Notice of Determination, a copy of which is attached as Exhibit 'A', with the Office of the County Clerk, Nevada and Placer Counties and State Clearinghouse.

**ADOPTED** by the Board of Directors of the Nevada Irrigation District at a regular meeting of said Board, held on the 22nd day of March 2017, by the following vote of said Board

AYES:	Directors:
NOES:	Directors:
ABSENT:	Directors:
ABSTAINING:	Directors:

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President

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Board Secretary



# Newtown Reservoir Cleaning Project

Initial Study & Mitigated Negative Declaration

Board of Directors Meeting  
March 22, 2017



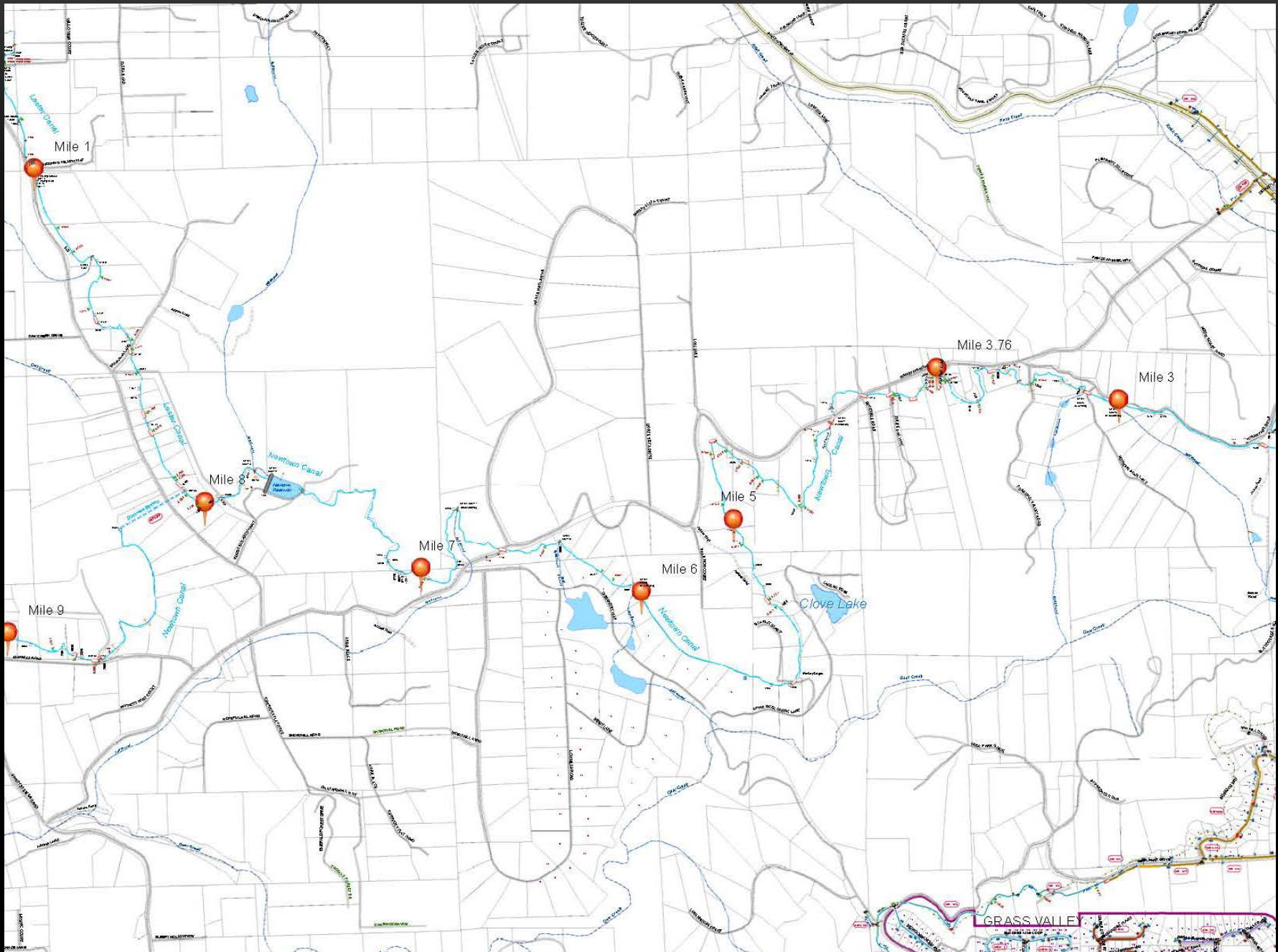
# Newtown Reservoir Cleaning Project

- Discuss the proposed project and initial study
  - Discuss the mitigation measures
  - Open & hear public testimony
  - Close public hearing
  - Recommend to adopt resolution
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# Project Background

- 1.6 Acre Reservoir
- On private property (DeMartini)
- Fed by Newtown Canal (4 cfs – 11 cfs winter/summer flow)
- 30+ years of sediment buildup and vegetative growth
- 6,600 cubic yards estimated removal amount
- Two to three month cleanup period or multiyear removal depending on weather or funding











# Construction Activities

- Divert canal flows around reservoir
- Allow drying of reservoir over summer months
- Remove Sediment
- Dewater Sediment on site
- Transport off site or use as fill on Property

# PROJECT SPECIFICS

- GEO-1 Potential Soil Erosion or loss of topsoil
  - Erosion Control Plan & SWPPP
- HAZ-1 Potential release of hazardous materials
  - Follow SPCCP to minimize potential of spills
- HAZ-1 Potential Wildland Fire
  - Fire suppression equipment & fire control measures
- HYD-1 Potential degrading water quality
  - SPCCP to minimize potential of spills

# Newtown Reservoir Cleaning Project

- Open Public Hearing
  - Close Public Hearing
  - Agency Correspondence
  - Board Secretary Correspondence
  - Board Comments or Questions
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# NID STAFF REQUESTS THE BOARD OF DIRECTORS TO

- Adopt the Resolution - Mitigated Negative Declaration and Approve the Project Mitigation Monitoring and Reporting Program for Resolution #2017-08.

*Newtown Reservoir Cleaning Project*

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