

**RESOLUTION NO. \_\_\_\_\_  
OF THE BOARD OF DIRECTORS OF  
NEVADA COUNTY SANITATION DISTRICT NO. 1**

**RESOLUTION APPROVING AMENDMENT NO. 2 TO THE CONTRACT  
WITH HYDROSCIENCE ENGINEERS FOR ENGINEERING SERVICES  
DURING CONSTRUCTION OF THE CONNECTION OF THE PENN  
VALLEY SEWER SYSTEM TO THE LAKE WILDWOOD WASTEWATER  
TREATMENT PLANT IMPROVEMENT PROJECT IN AN AMENDED  
AMOUNT NOT TO EXCEED \$883,971**

WHEREAS, the design contract for the Penn Valley Pipeline Project was awarded on April 28, 2015, by Sanitation District No. 1 Resolution SD15-005, to HydroScience Engineers, Inc. and Amendment No. 1 was approved on September 13, 2016, by Sanitation District No. 1 Resolution SD16-014 for a maximum total contract amount of \$807,761; and

WHEREAS, the Penn Valley Pipeline Project is funded primarily by a Small Community Wastewater grant in the amount of \$6,000,000 and a Community Development Block Grant in the amount of \$1,245,000; and

WHEREAS, early on in the project and in an effort to save costs for the Valley Oak Court Zone 12, connections from the new force main to Valley Oak Court were installed via change order. The cost of this additional work was \$11,871 for construction and \$10,000 for engineering; and

WHEREAS, aged storm drainage culverts were further damaged during recent rain events and required replacement in conjunction with the pipeline construction and in order to save costs and prevent time overruns; and

WHEREAS, a significant amount of rock inconsistent with the geotechnical findings during design was discovered during work activities specific to either the Lake Wildwood and Penn Valley treatment zones; and

WHEREAS, unforeseen rock work and atmospheric storm events in January and February of 2017, extended the project duration by 101 working days, or 142 calendar days, resulting in increased coordination, oversight, inspection and design support costs by HydroScience Engineers in the amount of \$76,210; and

WHEREAS, additional contract costs will be funded by the associated treatment zones; and

WHEREAS, funds are available in the fund balances for the associated treatment zones; Zone 1-Lake Wildwood, Zone 6 – Penn Valley, and Zone 12 – Valley Oak Court; and

WHEREAS, a separate Board Resolution to establish sufficient budget in budget code 4772-91005-709-2000/ 540710 for this contract has been submitted.

NOW, THEREFORE, BE IT HEREBY RESOLVED that the Board of Directors of Nevada County Sanitation District No. 1:

1. Approves Amendment No. 2 to the contract with HydroScience Engineers for engineering services during construction of the connection of the Penn Valley sewer system to the Lake Wildwood wastewater treatment plant improvement project contract by \$76,210 for a maximum contract amount not to exceed \$883,971 for the Penn Valley Dual Force Main Project.
2. Authorizes the Chair of the Board of Directors to execute on behalf of Nevada County Sanitation District No. 1, Amendment No. 2 to the contract between the Sanitation District and HydroScience Engineers.