

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

**AUTHORIZATION TO ENTER INTO AN AGREEMENT WITH INLAND ENVIRONMENTAL RESOURCES (IER) ENVIRONMENTAL SYSTEMS, INC. FOR A TRIAL USE PERIOD WITH AN OPTION TO PURCHASE, TO INSTALL AND EVALUATE A GENER-OX SULFIDE OXIDATION UNIT FOR ODOR CONTROL USE IN LAKE WILDWOOD, ZONE 1 AND AMENDING THE FISCAL YEAR 2016/17 SANITATION DISTRICT BUDGET, IN THE MAXIMUM AMOUNT OF \$100,885.00 – (4/5 AFFIRMATIVE VOTE REQUIRED) – DISTRICT 4**

WHEREAS, the Nevada County Sanitation District No. 1 has ongoing odor control and corrosion issues within Nevada County Sanitation District No. 1, Lake Wildwood, Zone 1; and

WHEREAS, District staff researched over fifty odor control vendors present at the Water Environment Federation Technical Exhibition and Conference; and

WHEREAS, District staff determined that liquid-phase technology treatment is preferred because it provides corrosion control in addition to odor control in liquid wastewater, and one application point can effectively treat multiple odor release points; and

WHEREAS, Gener-ox Sulfide Oxidation System offers liquid-phase technology with a proprietary treatment system that is chemical free and safe for public locations and is more cost effective than an ozone based treatment system; and

WHEREAS, Inland Environmental Resources (IER) Environmental Systems, Inc. is the sole source manufacturer offering the Gener-ox Sulfide Oxidation System, thereby there are no available alternative comparisons; and

WHEREAS, the District has several long force mains that would benefit from the oxygen saturation technology provided by Inland Environmental Resources (IER) Environmental Systems, Inc.; and

WHEREAS, there are no suitable locations in Lake Wildwood, Zone 1 to conduct a pilot test of said equipment due to land availability restrictions; and

WHEREAS, a suitable area has been identified at Lift Station 51 in Penn Valley, Zone 6 that will allow for a pilot test of said equipment; and

WHEREAS, District staff has negotiated, contingent upon the Board of Supervisors' approval, a 90 day trial period with Inland Environmental Resources (IER) Environmental Systems, Inc. with a conditional purchase of the Gener-Ox Sulfide Oxidation System; and

WHEREAS, if the trial period is successful, Nevada County Sanitation District No. 1 will purchase the trial unit for permanent use; and

WHEREAS, if the trial period is successful, the District will approach the Board of Directors to purchase up to three additional units for use in Lake Wildwood, Zone 1; and

WHEREAS, a budget amendment is proposed to increase appropriations in account 4728-91005-709-2000 540600.

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

1. Authorizes the Board of Directors to enter into an Agreement with Inland Environmental Resources (IER) Environmental Systems, Inc., and authorizes the Chair of the Board of Directors to execute the Agreement on behalf of the Nevada County Sanitation District No. 1. The maximum agreement amount is \$100,885.00.
2. Directs the Auditor-Controller to release from available fund balance in Fund 4728 in the amount of \$100,885.00 and amend the Fiscal Year 2016/17 Sanitation District budget as follows:

Increase: 4728-91005-709-2000 540600      \$100,885.00