



June 2, 2022

Board of Directors
Ventura Regional Sanitation District
Ventura, California

APPROVAL OF FY 2022-23 BUDGET ADJUSTMENT AND INCREASED APPROPRIATIONS FOR PAYMENT OF LEACHATE AND CONDENSATE HAULING AND TREATMENT AT THE TOLAND ROAD LANDFILL BY PATRIOT ENVIRONMENTAL AND WASTE MANAGEMENT ENVIRONMENTAL

RECOMMENDATION

Approve budget adjustment in the amount of \$746,000 for additional appropriations needed to fund the Leachate and Condensate Hauling and treatment.

FISCAL IMPACT

Additional appropriations in the amount of \$746,000 are needed to fund the amounts in excess of the original \$220,000 adopted budgets for Fiscal Year 2022.

BACKGROUND/ANALYSIS

A. Condensate Management

As a part of landfill gas extraction process and management at the Toland Road Landfill, condensate is produced during the natural cooling of the landfill gas, which is then collected and injected into the landfill gas flare for destruction.

At the last Ventura County Air Pollution Control District (APCD) source test of the landfill gas flare on July 19, 2021, it was determined that the flare did not meet the permit requirements for proper destruction of landfill condensate. This meant that Toland Road Landfill staff could no longer inject the collected landfill condensate into the flare for destruction along with collected landfill gases. The new Board-approved landfill gas flare, which is designed to allow VRSD to inject condensate for disposal/destruction, is under construction and waiting on County of Ventura permitting and APCD approval.

Without this means of handling landfill condensate, Toland Road Landfill staff increased the use of off-site hauling and treatment of the condensate.

B. Leachate Management

Leachate is generated as a result of liquids that are produced as the municipal solid waste in the Toland Road landfill rot and break down. Toland landfill also has leachate

generation as a result of the bio-solids that were placed in the landfill. Bio-solids are no longer buried at Toland Road landfill. Leachate has been collected and hauled off site for disposal since July 2019 because the Regional Water Quality Control Board prohibited reinjection of leachate into the landfill.

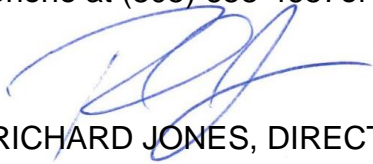
Given this situation, VRSD Staff has been working on a project that will allow for onsite treatment of the leachate so it can be used as dust control on the landfill roads and slopes. The original plan projected being able to use the leachate for dust control in early 2022. However, delays with the flare construction and the upgrade of the leachate collection system associated with the construction of 4B, have resulted in continued offsite hauling of the Leachate.

C. Proposal

The FY 22 Budget included \$220,000 for Leachate and Condensate hauling and treatment at an offsite treatment facility. In addition to having to haul for a longer period of time because of the flare and leachate projects still being developed, VRSD's contractor for these projects, Patriot Environmental, raised their labor rates by nearly 28% in January 2022 and added recovery fees which raise our leachate disposal costs substantially. Additionally, there were also increases to the treatment costs for the condensate as Waste Management Environmental also added a fuel surcharge and increased their fees, albeit nowhere close to Patriot's increases. Staff is currently working on securing an alternative vendor to Patriot Environmental.


This letter has been reviewed by Legal Counsel as to form.

If you should have any questions or need additional information, please contact me by phone at (805) 658-4657 or via email at richardjones@vrzd.com.



RICHARD JONES, DIRECTOR OF OPERATIONS

APPROVED FOR FISCAL IMPACT:


Alvertina Rivera, Director of Finance

APPROVED FOR AGENDA:


Chris Theisen, General Manager

Attachments: None