

**SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



**ITEM:** 12.1  
(ID # 19283)

**MEETING DATE:**  
Tuesday, October 04, 2022

**FROM :** DEPARTMENT OF WASTE RESOURCES:

**SUBJECT:** DEPARTMENT OF WASTE RESOURCES: Approval of Contract Documents, including Plans and Specifications, and Bid Advertisement for the Construction of Groundwater Wells at the Blythe Sanitary Landfill (Project), CEQA Exempt, District 4. [\$0 – Department of Waste Resources Enterprise Funds]

**RECOMMENDED MOTION:** That the Board of Supervisors:

1. Find that the Project is exempt from the California Environmental Quality Act (CEQA) pursuant to State CEQA Guidelines Sections 15061(b)(3) (General Rule for Exemption), and categorically exempt pursuant to Sections 15301 (Existing Facilities), 15302 (Replacement and Reconstruction), 15303 (New Construction or Conversion of Small Structures), and 15304 (Minor Alterations of Land);
2. Approve the Contract Documents, including the Plans and Specifications, for the Construction of Groundwater Wells at the Blythe Sanitary Landfill;
3. Authorize the General Manager-Chief Engineer of the Riverside County Department of Waste Resources (Department) to advertise for bids to be received in the Department Office located at 14310 Frederick Street, Moreno Valley, up to the hour of 11:00 a.m. on Wednesday November 16, 2022, at which time the bids will be opened; and
4. Direct the Department to file the Notice of Exemption with the County Clerk upon approval of the Project.

**ACTION:Policy**

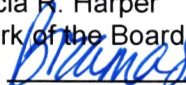
  
Hans Kerkamp, General Manager - Chief Engineer 9/15/2022

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**MINUTES OF THE BOARD OF SUPERVISORS**

On motion of Supervisor Perez, seconded by Supervisor Jeffries and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Spiegel, Washington, Perez and Hewitt  
Nays: None  
Absent: None  
Date: October 4, 2022  
xc: Waste

Kecia B. Harper  
Clerk of the Board  
By:   
Deputy

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<b>FINANCIAL DATA</b>	<b>Current Fiscal Year:</b>	<b>Next Fiscal Year:</b>	<b>Total Cost:</b>	<b>Ongoing Cost</b>
<b>COST</b>	\$ 0	\$ 0	\$ 0	\$ 0
<b>NET COUNTY COST</b>	\$ 0	\$ 0	\$ 0	\$ 0
<b>SOURCE OF FUNDS:</b> Dept. of Waste Resources Enterprise Fund			<b>Budget Adjustment:</b>	No
			<b>For Fiscal Year:</b>	22/23

**C.E.O. RECOMMENDATION:** Approve

**BACKGROUND:**

**Summary**

The proposed project will replace an existing non-potable water production well and construct an additional well to be incorporated into the groundwater quality monitoring program currently being implemented at the Blythe Sanitary Landfill (BSL) in accordance with California Regional Water Quality Control Board – Colorado Region (CRWQCB) requirements. The existing production well provided the BSL with an on-site water source for performing dust control, fire protection, and soil conditioning activities in support of landfill operations. Recently the submersible pump for the well stopped working, leaving the facility without an on-site water source and forcing staff to transport water from an irrigation canal located approximately 3-miles south of the BSL. To determine cause of failure, pumping equipment was removed and a video inspection of the well was performed showing severe cracks in the corroded steel well casing, allowing intrusion of sand/gravel during pump operation. Inspection of the submersible pump confirmed catastrophic failure of the pump’s impellers due to suction of sand/gravel material. In addition, video inspection determined the corroded well casing to be unrepairable for further use as a production well. The project will convert the existing production well into possible use as a groundwater quality monitoring well and construct a new non-potable production well using a casing consisting of non-corrosive materials. In addition, a 12,000 gallon above-ground water storage tank shall be installed to provide on-site water storage for operational use and emergency fire suppression.

In addition to solid waste, the BSL operates lined ponds to accept non-hazardous liquid waste from sources such as septic tanks, portable toilets, and grease traps. The ponds were constructed with a leak detection system comprised of a sand/gravel filter layer encapsulated by primary/secondary containment liner layers to convey potential fluid leaks to a detection sump pit. In April 2017, the Department observed liquid within the sump, indicating possible minor leaks in the primary HDPE liner layer and/or build-up of condensation within the filter layer material. Laboratory tests performed on the liquid showed no significant levels of pollutants and the Department calculated the flow rate into the sump to be well below the action leakage rate threshold specified in Section 264.222, Title 40 of the Code Federal Regulations, which is a strict requirement to comply with as Section 264.222 applies to hazardous liquid waste ponds. The CRWQCB approved a Department prepared workplan including leakage rate calculations and monitoring requirements to ensure the flow rate of the detected liquid remains below the threshold. On May 14, 2020, the CRWQCB adopted Waste Discharge Requirement Order No.

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R7-2020-0005 which formally incorporated the workplan requirements and directed the Department to supplement the existing groundwater monitoring program by installing a well immediately adjacent to the liquid waste ponds. Groundwater quality downgradient of the ponds will be monitored by the new well to detect any potential pollutants that may percolate into the groundwater table in the event the ponds liner system is compromised. To date, flow rate of liquid into the sump is trending downward toward non-detect levels and test results of the liquid continue to show no significant levels of pollutants.

Drilling of the two (2) wells for the project will be performed by a contractor with a C-57 Well Drilling license as issued by the California Contractors State License Board and constructed in accordance with all applicable regulatory requirements.

**California Environmental Quality Act (CEQA) Findings**

The Project is exempt from CEQA pursuant to the State CEQA Guidelines Sections 15061(b)(3) (General Rule for Exemption), and categorically exempt pursuant to Section 15301 (Existing Facilities), 15302 (Replacement and Reconstruction), 15303 (New Construction or Conversion of Small Structures), and 15304 (Minor Alterations of Land). The Project contemplated in this Form 11 involves approval of a contract for construction of groundwater wells at the BSL. The Contract Documents, including Plans and Specifications, will be advertised and, ultimately, a contractor will be selected to complete the work (under a separate Board action). The proposed contract work is located within the permitted landfill disturbance areas. This work would not have a direct, indirect, or cumulatively significant effect on the environment. A Notice of Exemption (NOE) to this effect will be filed with the County Clerk upon Project approval.

**Impact on Residents and Businesses**

Construction of groundwater monitoring wells at the BSL protects the environment, long-term public health, and safety of surrounding communities. Replacement of the production well is a cost-effective measure to re-establish an on-site water source to provide facility fire protection and maintain dust control efforts to protect air quality for the surrounding area.

**Additional Fiscal Information**

The proposed motions in this Form-11 merely approve contract documents identifying proposed work at the BSL, as well as authorize the Department to advertise said contract documents. No expenses will be incurred as a result of this action.

**Contract History and Price Reasonableness**

The Engineer's Estimate for this Project is approximately \$375,000.00 and the action today, if approved, will authorize the Department to pursue competitive bids through the California Public Works Contract process. The Department will then return to the Board of Supervisors to seek approval to award the Contract to the lowest responsible bidder.

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**ATTACHMENTS:**

Attachment A: Contract Documents for Construction of Groundwater Wells at the Blythe Sanitary Landfill

Attachment B: Project Drawings for Construction of Groundwater Wells at the Blythe Sanitary Landfill

Attachment C: CEQA NOE 2022-04



Jason Farin, Principal Management Analyst 9/26/2022



Kristine Bell-Valdez, Supervising Deputy County Counsel 9/20/2022