

RESOLUTION NO. 57-21

**A RESOLUTION OF THE COUNCIL OF THE CITY OF RICHMOND, CALIFORNIA,
APPROVING EMERGENCY JUSTIFICATION AUTHORIZING THE PURCHASE OF THE
EQUIPMENT NECESSARY FOR AERATOR 2B AT THE WASTEWATER TREATMENT
PLANT IN AN AMOUNT NOT TO EXCEED \$70,500**

WHEREAS, the City of Richmond Water Pollution Control Plant utilizes mechanical aeration as a primary control for biological treatment for meeting effluent quality of facility discharge to the San Francisco Bay; and

WHEREAS, currently, the Plant has six functioning aerators to treat raw sewage and reduce organics; and

WHEREAS, all units operate concurrently to provide this function; and

WHEREAS, one cannot be isolated from the others; and

WHEREAS, there are six zones, each with one mechanical aerator unit to maintain dissolved oxygen, which run continuously for 365 days per year; and

WHEREAS, three units are required for each treatment pass on the left and three on the right, with the first zone units providing the initial mixing of primary flows and return activated sludge flows; and

WHEREAS, the second zone units are essential for aeration of those fluids to provide organic removal; and

WHEREAS, the third zone units provide final processing, completing the breakdown of organics for further gravity separation in the remaining parts of the Plant; and

WHEREAS, Veolia has discovered excessive wear in the gearbox of unit 2B; and

WHEREAS, this is allowing wastewater to enter and contaminate the gear oil; and

WHEREAS, this wastewater intrusion degrades the viscosity and heat dissipation required of the oil; and

WHEREAS, as the oil breaks down, the temperature will build and the moving parts will seize and no longer be useful; and

WHEREAS, due to the age of this equipment, original equipment manufacturer (OEM) parts are no longer available; and

WHEREAS, as such, complete assemblies must be fabricated and remanufactured to provide replacement; and

WHEREAS, the mechanical mixer in Aerator 2B at the Wastewater Treatment Plant (WWTP) has reached the end of its useful life and is failing; and

WHEREAS, there is currently a 12-week lead time for gearbox manufacturing; and

WHEREAS, staff is requesting approval of the emergency justification to order the necessary parts so that Veolia can secure the replacement equipment needed to keep Plant in compliance when the current equipment fails; and

WHEREAS, the estimated cost for this equipment shall not exceed **\$70,500**; and

NOW THEREFORE, BE IT RESOLVED by the City Council of the City of Richmond, as follows:

Section 1. The foregoing recitals are true and correct and this City Council hereby so finds and determines.

Section 2. The City Council hereby authorizes the emergency justification purchase of the necessary equipment for the repairs of Aerator 2B at the Wastewater Treatment Plant.

Section 3. The total cost of the equipment for the repairs for Aerator 2B at the Wastewater Treatment Plant shall not exceed \$70,500 without City Council approval.

Section 4. This resolution shall take effect immediately upon its passage.

I certify that the foregoing resolution was passed and adopted by the Council of the City of Richmond at a regular meeting thereof held May 18, 2021, by the following vote:

AYES:	Councilmembers Bates, Jimenez, Martinez, McLaughlin, Willis, Vice Mayor Johnson III, and Mayor Butt.
NOES:	None.
ABSTENTIONS:	None.
ABSENT:	None.

PAMELA CHRISTIAN
CLERK OF THE CITY OF RICHMOND
(SEAL)

Approved:

THOMAS K. BUTT
Mayor

Approved as to form:

TERESA STRICKER
City Attorney

State of California	}	
County of Contra Costa	}	: ss.
City of Richmond	}	

I certify that the foregoing is a true copy of **Resolution No. 57-21**, finally passed and adopted by the City Council of the City of Richmond at a regular meeting held on May 18, 2021.



Pamela Christian, Clerk of the City of Richmond

CLERK'S
CERTIFICATE

I, Pamela Christian, City Clerk of the City of Richmond, do hereby certify as follows:

The foregoing resolution is a full, true and correct copy of **Resolution No. 57-21** duly adopted at a regular meeting of the City Council of said City duly and regularly held at the regular meeting place thereof on the 18th day of May 2021, of which meeting all of the members of said City Council had due notice and at which a majority thereof were present; and that at said meeting said resolution was adopted by the following vote:

AYES:	Councilmembers Bates, Jimenez, Martinez, McLaughlin, Willis, Vice Mayor Johnson III, and Mayor Butt.
NOES:	None.
ABSTENTIONS:	None.
ABSENT:	None.

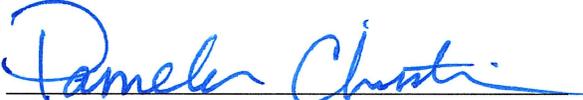
An agenda of said meeting was posted before said meeting at City Hall, 450 Civic Center Plaza in the City of Richmond, California, a location freely accessible to members of the public, and a brief description of said resolution appeared on said agenda.

Such agenda was further posted and such meeting was conducted in accordance with and pursuant to Executive Order N-29-20, signed by the Governor of the State of California on March 17, 2020 and Executive Order N-35-20, signed by the Governor of the State of California on March 21, 2020.

I have carefully compared the foregoing with the original on file and of record in my office, and the foregoing is a full, true and correct copy of the original resolution adopted at said meeting.

Said resolution has not been amended, modified or rescinded since the date of its adoption and the same is now in full force and effect.

Dated: May 27, 2021.


City Clerk of the City of Richmond

[SEAL]