



San Diego County Air Pollution Control District

March 5, 2024

Dear Community Member:

This letter is to let you know that you live in an area that has potentially elevated health risks created by air toxic emissions from the following facility. The attached map shows the area of elevated health risks around this facility.

Facility Name: Encina Wastewater Authority
Address: 6200 Avenida Encinas, Carlsbad, CA 92011
Type of Business: Municipal Wastewater Treatment

State law¹ protects your right to know about possible health risks from stationary sources² of air pollution in your neighborhood by requiring the facilities which create elevated health risks to notify you. The San Diego County Air Pollution Control District (APCD) is responsible for requiring public notifications and health risk reductions from such facilities per District Rule 1210³.

APCD required a detailed evaluation of the potential health risks in the form of a health risk assessment from Encina Wastewater Authority based on their air toxic emissions from calendar year 2021. That health risk assessment shows that, in 2021, Encina Wastewater Authority released air toxic emissions, primarily formaldehyde, resulting from operation of digester gas-fired cogeneration engines, that could increase the chances of getting cancer for people who live in the area by a maximum of 16.0 chances in one million. This represents the highest chance of getting cancer if a person is living at the same property and exposed to these emissions for 30 years.

In addition to cancer risk, the health risk assessment shows that the air toxic emissions from 2021, primarily formaldehyde resulting from operation of digester gas-fired cogeneration engines, could cause other health effects. Specifically, the Health Risk Assessment shows the *Maximum Residential Acute (short-term) Health Hazard Index* for their 2021 emissions was 1.01. A hazard index below one means that there are no negative health effects expected from the facility's air toxic emissions.⁴

¹ Air Toxics "Hot Spots" Information and Assessment Act of 1987, Health and Safety Code sections 44360, et seq.

² Stationary sources include factories or manufacturing plants, power plants, shipyards, landfills, rock or asphalt plants, and other industrial, commercial and governmental operations that can emit air pollution

³<https://bit.ly/Rule1210>

⁴ The noncancer health hazard index is calculated by dividing the estimated amount of emissions in the air emitted from a facility by the amount that is not expected to cause any health issues

District Rule 1210 requires this facility to submit a risk reduction audit and plan to APCD by June 1, 2024. You can stay updated about their plan by subscribing to APCD GovDelivery through the following link: <https://bit.ly/SDAPCD-Updates> and clicking on the Air Pollution Control District News list.

Please join us at a virtual public meeting scheduled for Tuesday, April 16, 2024, at 5:00 PM by registering at <http://tinyurl.com/Encina-Wastewater>. You can also reach out to the facility by contacting Ms. Alicia Appel at (760) 268-8861 or AAppel@encinajpa.com. The attached fact sheet has additional information. If you have any questions, please send us the attached survey or contact us at APCDEngineering@sdapcd.org or at (858) 586-2600.

Sincerely,

Signature: 
Paula Forbis (Mar 5, 2024 16:04 PST)

Email: Paula.Forbis@sdapcd.org

PAULA FORBIS
Air Pollution Control Officer