



San Diego County Air Pollution Control District

March 21, 2024

Otay Landfill Inc.
1700 Maxwell Road,
Chula Vista, CA 91911

APPROVAL OF REVISED AB2588 “HOT SPOTS” HEALTH RISK ASSESSMENT

As required by the California Health and Safety (H&S) code, section 44360, the San Diego County Air Pollution Control District (District) requested a Health Risk Assessment (HRA) from Otay Landfill Inc. on November 15, 2022, for the Landfill at 1700 Maxwell Road in Chula Vista based on emissions that occurred in calendar year 2021. Otay Landfill Inc. submitted an HRA to the District on May 14, 2023. The District provided our comments on the HRA along with comments provided from the Office of Environmental Health Hazard Assessment (OEHHA) to Otay Landfill Inc. on October 12, 2023. Otay Landfill Inc. submitted a revised HRA to the District on December 11, 2023 (Revised HRA).

In accordance with the California Health and Safety (H&S) Code, Section 44362, the District is hereby approving the Revised 2021 HRA with the following results:

Point of Maximum Impact (PMI) Cancer Risk	52.0 in a million
Maximum Exposed Individual Resident (MEIR) Cancer Risk	20.2 in a million
Maximum Exposed Individual Worker (MEIW) Cancer Risk	2.0 in a million
Chronic Non-Cancer Health Hazard Index (PMI)	1.98
Chronic Non-Cancer Health Hazard Index (MEIR)	0.90
Chronic Non-Cancer Health Hazard Index (MEIW)	0.94
8-hour Chronic Non-Cancer Health Hazard Index (MEIW)	0.04
Acute Non-Cancer Health Hazard Index (PMI)	0.85
Acute Non-Cancer Health Hazard Index (MEIR)	0.63
Acute Non-Cancer Health Hazard Index (MEIW)	0.57
Population Excess Cancer Burden	0.22
Sub-Chronic Lead Exposure Risk	<0.12 µg/m ³

The approved HRA results indicate that the residential cancer risk exceeds the public notification and risk reduction levels specified in District Rule 1210, sections (d)(1) and (e)(1), respectively.

Therefore, by May 6, 2024, your facility still must submit a public notification plan that specifies the procedures you intend to use to notify the public. Prior to September 17, 2024 Otoy Landfill Inc. must submit a risk reduction audit and plan that details methods that will be used to reduce the residential cancer risk based on the results of the HRA. The required elements of the plans are described in District Rule 1210, Subsections (d)(2)(i) through (d)(2)(xi) and (e)(2)(i) through (e)(2)(vi), respectively.

If you have any questions regarding this matter, you may contact the undersigned at 619-206-5224 or at Peter.Ossowski@sdapcd.org

Sincerely,

A handwritten signature in black ink that reads "Peter Ossowski". The signature is written in a cursive, flowing style.

Peter Ossowski
Air Pollution Control Engineer