



San Diego County Air Pollution Control District

April 7, 2022

Environmental Manager

Otay Landfill Inc.

1700 Maxwell Road

Chula Vista, CA 91910

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 September 2, 2020, for the landfill operation at 1700 Maxwell Road in Chula Vista based on emissions that occurred in calendar year 2017. Otay Landfill Inc. submitted an HRA to the District on April 12, 2021. The District provided its comments on the HRA along with comments provided from the Office of Environmental Health Hazard Assessment (OEHHA) to Otay Landfill Inc. on November 18, 2021. Otay Landfill Inc. submitted a revised HRA to the District on February 14, 2022. Subsequently, the District revised the HRA on April 7, 2022.

After considering the revised HRA provided by Otay Landfill Inc. on February 18, 2022, in accordance with the California Health and Safety (H&S) Code, Section 44362, the District is hereby approving the 2017 HRA with the following results:

Point of Maximum Impact (PMI) Cancer Risk	108.83 in a million
Maximum Exposed Individual Resident (MEIR) Cancer Risk	30.39 in a million
Maximum Exposed Individual Worker (MEIW) Cancer Risk	3.23 in a million
Chronic Non-Cancer Health Hazard Index (PMI)	7.79
Chronic Non-Cancer Health Hazard Index (MEIR)	1.79
Chronic Non-Cancer Health Hazard Index (MEIW)	1.63
8-hour Chronic Non-Cancer Health Hazard Index (MEIW)	0.13
Acute Non-Cancer Health Hazard Index (PMI)	1.64
Acute Non-Cancer Health Hazard Index (MEIR)	1.05
Acute Non-Cancer Health Hazard Index (MEIW)	1.28
Population Excess Cancer Burden	0.49
Sub-Chronic Lead Exposure Risk	<0.12 µg/m ³

The approved HRA results are used to determine public health risk notification and risk reduction requirements under District Rule 1210. The approved HRA results indicate the residential cancer exceeds the public notification level; the residential chronic, residential acute, worker chronic and worker acute health hazard indices also exceed the public notification and risk reduction levels specified in District Rule 1210, sections (d)(1) and (e)(1), respectively.

Therefore, by May 23, 2022, (within 45 days of the date of this letter), your facility must submit a public notification plan that specifies the procedures you intend to use to notify the public and hold a public meeting within 30 days of District approval of the plan. Otay Landfill Inc. should work with the District to find a mutually agreeable date for the public meeting to be included in the provided public notification letter template. Prior to October 4, 2022, (within 180 days of the date of this letter), Otay Landfill Inc. must submit a risk reduction audit and plan that details the methods that will be used to reduce the worker and residential non-cancer chronic HHI, and the acute health hazard index, based on the results of the HRA. The required elements of the plan 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 cursive script that reads "Peter Ossowski".

Peter Ossowski
Air Pollution Control Engineer