

IT Committee

From: Robert Schmidt <Robert.Schmidt@co.maui.hi.us>
Sent: Monday, August 30, 2021 7:48 AM
To: IT Committee
Subject: Document for todays IT Committee Meeting
Attachments: CML Litter Memo.pdf

You don't often get email from robert.schmidt@co.maui.hi.us. [Learn why this is important](#)

>>> Robert Schmidt 8/30/2021 7:36 AM >>>

Aloha

If not to late, please see attached Memo regarding litter at Central Maui Landfill, for the IT-60 portion of the meeting.
Mahalo

Bob Schmidt
Solid Waste Ops Program Superintendent
2200 Main Street, Room 225
Wailuku, HI 96793
808-270-7746

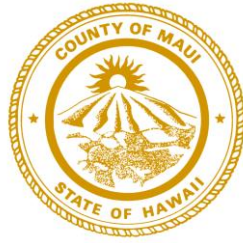
MICHAEL P. VICTORINO
Mayor

ERIC A. NAKAGAWA, P.E.
Director

SHAYNE R. AGAWA, P.E.
Deputy Director
Solid Waste Division

SCOTT R. ROLLINS, P.E.
Wastewater Reclamation Division

TAMARA L. FARNSWORTH
Environmental Protection &
Sustainability Division



**COUNTY OF MAUI
DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT**

2050 MAIN STREET, SUITE 2B
WAILUKU, MAUI, HAWAII 96793

August 26, 2021

TO: ERIC A. NAKAGAWA, DIRECTOR
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

FROM: ROBERT SCHMIDT, TEMPORARY ASSIGNED, SWD CHIEF

SUBJECT: **IN RESPONSE TO RECENT COMPLAINT, REPORT ON LITTER
CONTROL OPERATIONS AT CENTRAL MAUI LANDFILL**

Central Maui Landfill is complying with all Permit and Operational guidance with regard to Litter Control. Some of the operational measures that are being undertaken are, to wet the incoming trash to try to keep it from blowing and deploying multiple lines of both portable and intermediate fencing down-wind of the tipping face. The final measure is the 30 foot tall litter screen at the edge of the landfill adjacent to Pulehu Road. Additionally, construction to extend the 30 foot litter screen is scheduled to begin on 8/31/21.

To the extent possible, landfill operations also tries to construct/position the trash cells, in such a way as, to try to shield the tipping face from prevailing winds. This has become increasingly difficult of late. Exposure to wind has increased as the landfill has increased in elevation.

Our regulators are aware of our landfill operations, that every load of trash (average of 175 loads per day) is exposed to wind from the time that it is dumped until the dozer pushes it onto the active face where the compactor presses the trash down and the litter is no longer subject to being blown away.



Per our Operations Plan, 13.4.3 Litter Collection, each day CML collects loose trash and trash from the litter fencing and screens. Every day CML invests 20-40 or more, man hours to collect, on average 100, 55 gallon, hand filled bags of litter. The vast majority of the wind-blown litter is captured on site by the multiple rows of litter fencing and finally the 30 foot tall litter screen. A small percentage of litter does get by these measures and so CML employees, occasionally with help from additional contract labor, collect litter along Pulehu Road and the adjacent field.

It is not difficult to understand a negative perception from some of the public. During a windy day the public will see the side of the landfill with wind-blown trash on it. What they often don't see is that the trash is not escaping but instead is daily being collected and managed as per our Permit and the Operations Plan.



As stated earlier, the difficulty has increased with greater exposure to wind as the elevation of the landfill has increased. This section, Phases 4 and 5, of the landfill is nearing capacity and will soon be completed, by approximately the end of this calendar year. When operations moves to the newly constructed Phase 3A, exposure to winds will be much less and managing the wind-blown litter will become easier at that time.