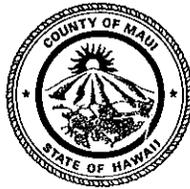


CHARMAINE TAVARES
Mayor
MILTON M. ARAKAWA, A.I.C.P.
Director
MICHAEL M. MIYAMOTO
Deputy Director



**COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
AND ENVIRONMENTAL MANAGEMENT**

200 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAII 96793

September 22, 2010

RALPH NAGAMINE, L.S., P.E.
Development Services Administration
DAVID TAYLOR, P.E.
Wastewater Reclamation Division
CARY YAMASHITA, P.E.
Engineering Division
TRACY N. TAKAMINE, P.E.
Solid Waste Division
BRIAN HASHIRO, P.E.
Highways Division

Mr. Orlando Davidson
Executive Officer
State of Hawaii
Land Use Commission
P.O. Box 2359
Honolulu, Hawaii 96804-2359

Dear Mr. Davidson:

**SUBJECT: FILING OF ANNUAL REPORT 2010
LUC DOCKET NO. SP93-383
MOLOKAI INTEGRATED SOLID WASTE FACILITY**

Transmitted for your review are one original and one copy of the 2010 annual report for the Molokai Integrated Solid Waste Facility. An email .pdf version will also be sent to luc@dbedt.hi.gov.

If you have any questions, please contact Elaine Baker at 270-7872.

SINCERELY,


CHERYL OKUMA, ESQ.
Director of Environmental Management

CO:eb
Encl:

2010 SEP 29 P 1:44
LAND USE COMMISSION
STATE OF HAWAII

**MOLOKAI INTEGRATED SOLID WASTE FACILITY
ANNUAL REPORT FY2010
SP93-383**

Section One: Regulatory Compliance

Regulatory compliance issues handled during FY 10 included the following:

- Opening of Cell 3 for the receipt of waste in December 2009,
- Construction of a scrap metal receiving area, including a concrete slab,
- Advertisement of bids for a contractor to provide scrap metal collection events during which scrap metal, appliances, vehicles, and propane tanks will be received and subsequently shipped.

Cell 3 Opening

Cell 3 opened to receive waste in December 2009. Construction was completed by Goodfellow Brothers and the operating permit was obtained from DOH prior to opening.

Abandoned Vehicles Design/Build Slab

Goodfellow Brothers completed the design and construction of a reinforced concrete slab with overhead tarp and drainage for the processing of scrap vehicles and/or appliances. The slab is located in the southwest corner of the landfill parcel on one acre which is fenced and gated. Bids were advertised for contractors to operate an ongoing scrap metal program; however, no bids were received so the project was re-advertised as collection events. A contract has been executed with Kitagawa's Towing.

Section Two: Conditional Compliance

Condition 1: That appropriate monitoring of the quality of water to be discharged into neighboring gulches from drainage basins shall be undertaken to assure that toxic wastes are not part of the discharge.

Response

Repair and construction of additional drainage ways for the storm water system have been done during the construction of Cell 3 and will ensure that the system can adequately manage the rainfall received at the site without release of any waste. Leachate from Cells 1 and 2 has been measured and tested to ensure it meets regulatory requirements for its constituents and their concentrations.

Condition 2: That in preparation of the sanitary landfill, the landfill floor shall be further compacted and be made relatively impervious to water in order to contain leachate. Proper disposal methods of leachate shall be installed within the landfill.

Response

This has been done in the cells constructed to date, 1 and 2. No leachate has been discharged from the site; it has been contained within the collection system. Cell 3 has been constructed with a composite liner of a geosynthetic as well as compacted soil. A lysimeter, pump, and riser have been installed to collect and measure any leachate.

Condition 3: That a traffic assessment shall be developed to determine the impact on Maunaloa Highway once the sanitary landfill is operating. This assessment shall be completed no later than one year after said landfill is in operation. Findings of the assessment shall be submitted to the State Department of Transportation, Highways Division, and the Maui County Planning Department for review.

Response

The completed report was transmitted as required on May 10, 1995. A left-turn storage lane was installed on Maunaloa Highway. Construction began in July 2008 and was completed in 2009 with Department of Transportation-Highways approving the work.

Condition 4: That the applicant shall stop work on the sanitary landfill and immediately contact the Department of Land and Natural Resources, Historic Sites Division, in the event that any previously unidentified historic, archeological, or cultural sites are encountered.

Response

This has not occurred to date during the construction of Cells 1, 2, or 3. The landfill is now being built over the established footprint and will not be active over new ground.

Condition 5: That appropriate internal vehicle circulation patterns shall be designed so as to not cause confusion and congestion within the sanitary landfill.

Response

There is a paved road into the landfill which turns into a dirt road up to the active area. Internal roadways are clearly marked for the public to easily access the active area.

Condition 6: That full compliance with the requirements of the State's Department of Health for sanitary landfill operation shall be rendered.

Response

A new landfill position, working supervisor, was filled this past year, and this person directly manages landfill operations and two other staff: landfill attendant and laborer. Another new position, landfill operations supervisor, was filled, and this person regularly visits the landfill and oversees operations for compliance at Molokai, Lanai, and Hana.

Condition 7: That appropriate rules shall be established to prohibit scavenging within the sanitary landfill operation.

Response

No scavenging is allowed; after hours the main gate on Maunaloa Highway is locked. The entire facility is fenced; access to it is controlled by a locked gate. The scrap metal receiving area is fenced inside the landfill parcel with a locked gate controlling access.

Condition 8: That appropriate mitigative measures to control excessive dust generation shall be implemented.

Response

The landfill now has a dedicated water truck to provide dust control on a regular basis.

Condition 9: That provision shall be enacted to ensure emergency access to the sanitary landfill in case of fire or other disaster.

Response

The County District Supervisor has keys to the gates at the highway and facility.

Condition 10: That final architectural and landscape planting plans be submitted to the Planning Department for review and approval. Upon approval by the Planning Department, a copy of the plans shall be submitted to the Land Use Commission.

Response

This was done during facility design prior to construction and opening in 1993.

Condition 11: That full compliance with other applicable government requirements shall be rendered.

Response

An NPDES permit, HI R50A626, has been extended administratively.

Condition 12: That alternative No. 3 of the geomembrane liner as found in the January 4, 1993 memo from Parametrix, Inc. to Dave Wissmar shall be used for Phase 1 of the project.

Response

This was done during construction of Cell 1 in 1993.

Condition 13: The Applicant shall provide County of Maui Planning Department and Land Use Commission copies of the final approved metes and bounds map and description delineating the permit area of approximately 37.9 acres.

Response

The subdivision was final in June 2009. The final plat for the Land Court application was prepared by Ronald Fukumoto for transmission by County Corporation Counsel. A meeting was held in June 2010 with a private attorney to clarify the documentation needed to petition the Land Court for conveyance of the landfill parcel to the County.

Condition 14: The Applicant shall commence operations of the Molokai Integrated Solid Waste Facility no later than six months from the date of filing of this Decision and Order by the Land Use Commission.

Response

The facility opened on October 1, 1993 within six months of May 14, 1993.

Condition 15: The Applicant shall timely provide, without any prior notice, annual reports to the County of Maui Planning Department and the Land Use Commission in connection with the status of the subject project and the Applicant's progress in complying with the conditions imposed herein. The annual report shall be submitted in a form prescribed by the Executive Officer of the Commission.

Response

The submission of this report meets this requirement.

**MOLOKAI INTEGRATED SOLID WASTE FACILITY
ANNUAL REPORT FY2010
SP93-383**

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