

Amendments to State Land Use Commission Special Permit (SP 97-390) and County Special Use Permit (CUP 2008/0003)

**PROPOSED CENTRAL MAUI
LANDFILL FACILITIES PROJECT
PU'UNĒNĒ, MAUI, HAWAI'I
(TMK (2)3-8-003:019 (por.))**

VOLUME I OF II

Prepared for:

**County of Maui,
Department of Environmental Management**

February 2018

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by Munekiyo Hiraga



MUNEKIYO HIRAGA

Planning. Project Management. Sustainable Solutions.

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LANDFILL FACILITIES PROJECT
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(TMK (2)3-8-003:019 (por.))**

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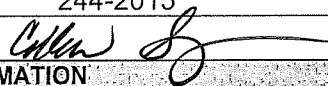
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**APPLICATION FORMS AND
GENERAL SUBMITTAL
REQUIREMENTS**

1

AMENDMENT TO LAND USE COMMISSION SPECIAL PERMIT APPLICATION (SUP2)

Please print legibly or type the following.

County Use Only	
Permit Number: SUP2 SP 97-390	
PROPERTY ADDRESS & INFORMATION	
Project Name: Proposed Central Maui Landfill Facilities Project	Valuation* Not Applicable
Tax Map Key No.: (2) 3-8-003:019 (por.) and 020	CPR/HPR No.:
Lot Size: 40.8 acres of a 179.9-acre Parcel 19 and 19.663-acre Parcel 20	
Physical Address/Location of Project: 8100 Pūlehu Road, Pu'unēnē, Maui, Hawai'i	
Additional Location Information:	
* Total cost or fair market value, as estimated by an architect, engineer, or contractor licensed by the State of Hawaii Dept. of Commerce and Consumer Affairs; or, by the administrator of Dept. of Public Works, Development Services Administration	
DESCRIPTION OF PROPOSED ACTIVITY OR DEVELOPMENT	
Written description of the proposed action shall include, but not be limited to: use, length, width, height, depth, building material(s), and statement of objectives of the proposed action. Attach additional sheets, if needed.	
Describe the existing use: Vacant, former sugar cane land	
Describe the proposed use: See Attachment "A"	
LAND USE DESIGNATIONS	
State Land Use District Boundary: Agricultural	
Maui Island Plan: Urban Growth Boundary	
Community Plan: Agriculture and Public/Quasi-Public	
Zoning: Agriculture and Interim	
Other (i.e. SMA): None	
CONTACT INFORMATION	
APPLICANT INFORMATION	
Name(s): Stewart Stant, Director Department of Environmental Management	
Email: environmental.mgmt@co.maui.hi.us	
Mailing Address: 2050 Main Street, Suite 2B, Wailuku, Hawai'i 96793	
Phone Number(s): (bus) (hm) (cell) (fax)	
270-8230 ----	270-8234
Signature(s): See Letter of Authorization (Section 6) Date:	
CONSULTANT INFORMATION	
Name(s): Munekiyo Hiraga (Colleen Suyama)	
Email: planning@munekiyohiraga.com	
Mailing Address: 305 High Street, Suite 104, Wailuku, Hawai'i 96793	
Phone Number(s): (bus) (hm) (cell) (fax)	
244-2015 ----	244-8729
Signature(s): 	Date: 2/28/18
OWNER INFORMATION	
Name(s): Department of Environmental Management	
Email: environmental.mgmt@co.maui.hi.us	
Mailing Address: 2050 Main Street, Suite 2B, Wailuku, Hawai'i 96793	
Phone Number(s): (bus) (hm) (cell) (fax)	
270-8230 ----	270-8234
Signature(s): See Letter of Authorization (Section 6) Date:	

ATTACHMENT “A”

LUC SPECIAL PERMIT APPLICATION

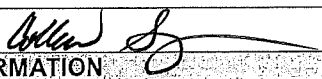
The County of Maui, Department of Environmental Management is requesting to Amend State Land Use Commission Special Permit (SP-97-390) for a boundary amendment to remove the 19.663-acre Parcel 20 from the Special Permit, a time extension (concurrent with County Special Use Permit No. CUP- 2008-0003), and to include a 40.8-acre portion of Parcel 19 in the existing permitted Central Maui Landfill in order to develop the following:

- Office
- Abandoned vehicles area
- Metals processing area
- Open construction and demolition material recovery area
- Household hazardous waste and electronic waste processing and storage area
- Warehouse building and storage area
- Refuse collection office, truck parking, and maintenance area
- Drainage basins
- Associated infrastructure

AMENDMENT TO COUNTY SPECIAL USE PERMIT APPLICATION (CUP)

County Use Only
Permit Number: CUP 2008 - 0003

Please print legibly or type the following.

PROPERTY ADDRESS & INFORMATION			
Project Name: Proposed Central Maui Landfill Facilities Project		Valuation* Not Applicable	
Tax Map Key No.: (2)3-8-003:019 (por.) and 020	CPR/HPR No.:	Lot Size: 40.8 acres of a 179.9-acre Parcel 19 and 19.663-acre Parcel 20	
Physical Address/Location of Project: 8100 Pūlehu Road, Pu'unēnē, Maui, Hawai'i			
Additional Location Information:			
* Total cost or fair market value, as estimated by an architect, engineer, or contractor licensed by the State of Hawaii Dept. of Commerce and Consumer Affairs; or, by the administrator of Dept. of Public Works, Development Services Administration.			
DESCRIPTION OF PROPOSED ACTIVITY OR DEVELOPMENT			
Written description of the proposed action shall include, but not be limited to: use, length, width, height, depth, building material(s), and statement of objectives of the proposed action. Attach additional sheets, if needed.			
Describe the existing use: Vacant, former sugar cane land			
Describe the proposed use: See Attachment "B"			
LAND USE DESIGNATIONS			
State Land Use District Boundary: Agricultural			
Maui Island Plan: Urban Growth Boundary			
Community Plan: Agriculture, Public/Quasi-Public			
Zoning: Agriculture and Interim			
Other (i.e. SMA): None			
CONTACT INFORMATION			
APPLICANT INFORMATION			
Applicant's Name(s): Stewart Stant, Director Department of Environmental Management		Email: environmental.mgmt@co.maui.hi.us	
Mailing Address: 2050 Main Street, Suite 2B, Wailuku, Hawai'i 96793			
Phone Number(s):	(bus) 270-8230	(hm) ----	(cell) ----
Signature(s): See Letter of Authorization (Section 6)		Date: 2/28/18	
CONSULTANT INFORMATION			
Consultant's Name(s): Munekiyo Hiraga (Colleen Suyama)		Email: planning@munekiyohiraga.com	
Mailing Address: 305 High Street, Suite 104, Wailuku, Hawai'i 96793			
Phone Number(s):	(bus) 244-2015	(hm) ----	(cell) ----
Signature(s): 		Date: 2/28/18	
OWNER INFORMATION			
Owner's Name(s): Department of Environmental Management		Email: environmental.mgmt@co.maui.hi.us	
Mailing Address: 2050 Main Street, Suite 2B, Wailuku, Hawai'i 96793			
Phone Number(s):	(bus) 270-8230	(hm) ----	(cell) ----
Signature(s): See Letter of Authorization (Section 6)		Date:	

ATTACHMENT “B”

COUNTY SPECIAL PERMIT APPLICATION

The County of Maui, Department of Environmental Management is requesting to Amend County Special Use Permit (CUP-2008-0003) to amend the boundaries to remove Parcel 20 (19.663 acres) and to include a 40.8-acre portion of Parcel 19 in the existing permitted Central Maui Landfill in order to develop the following:

- Office
- Abandoned vehicles area
- Metals processing area
- Open construction and demolition material recovery area
- Household hazardous waste and electronic waste processing and storage area
- Warehouse building and storage area
- Refuse collection office, truck parking, and maintenance area
- Drainage basins
- Associated infrastructure

STATE LAND USE COMMISSION SPECIAL PERMIT REQUIRED SUBMITTALS CHECKLIST

- ☒ 1. Completed application form. **See Section 1**
- ☒ 2. Completed Notice of Public Hearing. **See Section 2**
- ☒ 3. Notarized Affidavit of Mailing of Notice of Public Hearing. **See Section 3**
- ☒ 4. Zoning and Flood Confirmation Form, completed and signed by Planning Department.
See Section 4
- ☒ 5. Evidence that the applicant is the owner or lessee of record of the real property.
See Section 5
- ☒ 6. A notarized letter of authorization from the legal owner if the applicant is not the owner.
See Section 6
- ☒ 7. Location map identifying the site, adjacent roadways and identifying landmarks (8 1/2" x 11" format)
See Section 7
- ☒ 8. List of landowners and recorded lessees of real property abutting the subject parcel and across the street. This list should be obtained from the most current available list at the Maui County Department of Finance, Real Property Assessment Division. This list should include the Tax Map Key number and the names and addresses of all owners and lessees to be notified, including a map drawn to scale, clearly defining the adjacent parcels affected. **See Section 8**
- ☒ 9. Photographs of the project site.
See Section 9
- ☒ 10. Plot plan of the property, drawn to scale, to include but not be limited to, existing and proposed structures (architectural plans to include elevation, sections, floor plans, etc.), driveway access, parking area, etc.
See Section 10
- ☒ 11. Reason(s) justifying the proposed use.
See Section 11
- ☒ 12. A report identifying reasons proposal is a "reasonable and unusual use" pursuant to Chapter 15 Land Use Commission Rules, Subchapter 12, Special Permits.
See Section 15, Draft Environmental Assessment, Chapter IIIA
- ☒ 13. Two hard copies of entire application packet, including one original.
- ☒ 14. An electronic copy in PDF format of the completed application packet on a compact disk or flash drive.
- ☒ 15. Non-refundable filing fee (see Fee Schedule, Table A), payable to 'County of Maui, Director of Finance.'

After the Planning Department has reviewed the application packet for suitability of transmittal to agencies, the Planning Department will contact the applicant to produce the additional sets of the application packet for agency transmittal.

**COUNTY SPECIAL USE PERMIT
REQUIRED SUBMITTALS CHECKLIST**

- ☒ 1. Two (2) hard copies of entire application packet, including one original.
- ☒ 2. Evidence that the applicant is the owner or lessee or record of the real property to be reclassified; OR a notarized letter of authorization from the legal owner if the applicant is not the owner. **Refer to Section 5 and Section 6**
- ☒ 3. Location Map identifying the site, adjacent roadways and identifying landmarks (8 ½" x 11" format) **Refer to Section 7**
- ☒ 4. List of owners and lessees of real property within a 500 feet radius of the subject parcel boundaries shall be obtained from the most current available list at the Maui County Department of Finance, Real Property Tax Assessment Division. This list should include the tax map key numbers and the names and addresses of all owners and lessees to be notified, including a map drawn to scale, clearly defining the 500 feet notification boundary and the parcels affected. **Refer to Section 8**
- ☒ 5. ***Zoning and Flood Confirmation Form***, completed and signed by Planning Dept. **Refer to Section 4.**
- ☒ 6. Completed ***Notice of Application***. **See Section 12.**
- ☒ 7. ***Notarized Affidavit of Mailing of Notice of Application***. **See Section 13.**
- ☒ 8. Photographs of the subject site, existing structures and surrounding area which are dated. **Refer to Section 9**
- ☒ 9. Schematic Site Development Plans (rendered copy and 1 blueprint set), if applicable, drawn to scale, which identify the following: **Refer to Section 10**
 - a. Property lines and easements with its dimensions and area calculations
 - b. Location, size, spacing, setbacks and dimensions of all existing and proposed buildings, structures, improvements and uses
 - c. Existing and proposed building elevations, sections, floor plans, and site sections which clearly define the character of the development
 - d. Topographic information showing existing features and conditions and proposed grading
 - e. Existing and proposed landscaping which depicts open spaces, plantings and trees
 - f. Existing and proposed roadways and accesses to the project and parking layout with dimensions
 - g. Shoreline, shoreline setback lines, stream and other setback lines
- ☒ 10. Signed ***Notice of Public Hearing***. **Refer to Section 2**
- ☒ 11. Completed ***Proposed Project Data Summary Sheet***. **See Section 14.**
- ☒ 12. An electronic copy in PDF format of the completed application packet on a compact disk.
- ☐ 13. Any other information as may be required by the Director of Planning or the appropriate Planning Commission of the County.
- ☒ 14. A **nonrefundable** filing fee (see Fee Schedule, Table A); payable to 'County of Maui, Director of Finance.'

COUNTY SPECIAL USE PERMIT

SECTION 19.510(D) ASSESSMENT REQUIREMENTS CHECKLIST

Please identify the page number in the document under "Location."

General Application Procedures Content of Application		Location
D1	Policies and objectives of the General Plan; the provisions of the community plan applicable to the application; the provisions of the applicable district; and an analysis of the extent to which the application, if granted, conforms to these provisions of the applicable district; and an analysis of the extent to which the application, if granted, conforms to these policies, objectives and provisions.	Draft EA, Chapter III, Section E
D2	Detailed land use history of parcel(s) to include former and existing state and county land use designations, violations and uses.	Draft EA, Chapter I, Section C
D3	Preliminary archaeological and historical data and comments from the Department of Land and Natural Resources (DLNR) and the Office of Hawaiian Affairs of the State of Hawaii. If applicable, a preservation /mitigation plan approved by DLNR and OHA.	Draft EA, Chapter II, Section A(9), Appendix F
D4	Analysis of secondary impacts of the proposed use on surrounding uses, which includes , but is not limited to increases in property value, population, housing, community services and facility needs, secondary jobs and employment generated and compatibility with surrounding uses. If applicable, affordable housing program and comments from the Department of Housing and Human Concerns of the County and other mitigation plans and comments from the respective governmental and community services agencies.	Draft EA, Chapter II, Section E
D5	Traffic impact analysis and, if applicable, a traffic master plan which includes, but is not limited to, comments from the Department of Transportation of the State of Hawaii and the Department of Public Works of the County.	Draft EA, Chapter II, Section D(1); Appendix I
D6	If applicable, an assessment of the impact which the proposed use may have on agricultural use of the parcel which includes, but is not limited to, a feasibility analysis of potential agricultural uses suited to the site and written comments from the Department of Agriculture of the State of Hawaii and the U.S. Soil Conservation Service.	Draft EA, Chapter II, Section A (4)
D7	Water source, supply and distribution system analysis, which includes, but is not limited to, methods of irrigation existing on the parcel and proposed for the application, location and use of groundwater and nonpotable water sources. If applicable, a water master plan which includes, but is not limited to, comments from DLNR, the Departments of Public Works (DPW), Environmental Management (DEM) and Water Supply (DWS) of the County.	Draft EA, Chapter II, Section D (2); Appendix J
D8	Sewage disposal analysis, a description of a proposed method of sewage disposal and comments, if applicable, from the Departments of Health (DOH), DLNR, DPW, DEM and DWS.	Draft EA, Chapter II, Section D(3); Appendix J
D9	Solid waste disposal analysis, a description of a proposed method of solid waste disposal and comments, if applicable, from DOH, DLNR, DPW, DEM and DWS.	Draft EA, Chapter II, Section C(1); Appendix J
continued on next page...		

D10	Identification of environmentally sensitive areas, habitat and botanical features, which include, but are not limited to, wetlands, streams, rock outcroppings, endangered plants and animals and exceptional trees. If applicable, baseline study and preservation/mitigation plan and comments from DLNR, U.S. Fish and Wildlife Service (USFWS), and the U.S. Army Corps of Engineers.	Draft EA, Chapter II, Section A (8); Appendix E
D11	Identification of the existing topographical and drainage patterns existing on the subject parcel and any proposed alternations to these patterns.	Draft EA, Chapter II, Section D(4); Appendix J
D12	Development schedule.	Draft EA, Chapter I, Section E
D13	Operations and management of the proposed use which includes, but is not limited to, number of employees, proposed employee housing plan, hours of operation, fees charged to residents and visitors and provisions for off-site parking.	Draft EA, Chapter I, Section B
D14	Identification of traditional beach and mountain access trails and additional trails which may be required for public access to the beaches and mountains and, if applicable, preservation/mitigation plan and comments from DLNR and OHA.	Not Applicable
D15	Identification and assessment of chemicals and fertilizers used, including, but not limited to, detailing effects upon surface, underground and marine water resources and neighboring properties and surrounding flora and fauna. If applicable, a mitigation plan and maintenance program and schedule and comments from DOH, DLNR, USFWS, and U.S. Environmental Protection Agency.	Draft EA, Chapter II, Section A (13); Appendix H
D16	Identification of all meetings held between the applicant and any community or residential group which may be impacted by the applicant's request, the issues raised by these meetings, and any measures proposed by the applicant to deal with or to mitigate these issues.	---

NOTICES OF PUBLIC HEARING

2

NOTICE OF PUBLIC HEARING

DATE: _____

TO: Owners/Lessees
(Owner/lessee of record)

Please be informed that the undersigned has applied to the Maui Planning Commission for a Land Use Commission Special Permit:

- a. Tax Map Key No: (2) 3-8-003:019(por.) and 020 40.8 acres of 179.9-acre Parcel 19
b. Location: In the vicinity of: 8100 Pūlehu Road, Pu'unēhē, Maui, Hawai'i
c. State Land Use Designation: Agricultural
d. Proposed Use Amend State Special Permit (SP 97-390) to request a boundary amendment to remove Parcel 20, a time extension, and, to include 40.8-acre project area (Parcel 19) to include development of office; abandoned vehicles area; metals processing area; open construction and demolition material recovery area; household hazardous waste and electronic waste processing and storage area; warehouse building and storage area; refuse collection office, truck parking and maintenance area; drainage basins; and associated infrastructure.

TO BE COMPLETED BY THE DEPARTMENT OF PLANNING:

Public Hearing Date: _____
Time: _____
Place: _____

Attached please find a map identifying the location of the specific parcel(s) being considered in the request for a **Land Use Commission Special Permit**.


The hearing is held under the authority of Chapter 92, Hawaii Revised Statutes, Title 15 of the Hawaii Administrative Rules, and the Planning Commission rules.

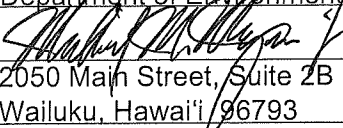
Petitions to intervene shall be in conformity with §12-201-20, §12-201-40 and §12-201-43 of the Rules of Practice and Procedure for the Maui Planning Commission; §12-301-16, 12-301-25 and 12-301-28 of the Rules of Practice and Procedure for the Molokai Planning Commission; or §12-401-20, 12-401-40 and 12-401-43 of the Rules of Practice and Procedure for the Lanai Planning Commission. The Petition to Intervene shall be filed with the respective planning commission and served upon the applicant no less than ten (10) business days before the first public hearing date, no later than 4:30 p.m. on the day of _____. Filing of all documents with the Planning Commission shall be in c/o the Maui Planning Department, 2200 Main Street, Wailuku, Maui, Hawaii 96793.

The computation of time begins with the day following the act, event, or default, and includes the last day of the period unless it is a Saturday, Sunday or legal State holiday in which event the period runs until the end of the next day which is not a Saturday, Sunday or State holiday. When the prescribed period of time is ten days or less, Saturdays, Sundays, or State holidays within the designated period shall be excluded in the computation.

Testimony relative to this request may be submitted in writing prior to the hearing to the appropriate Planning Commission c/o the Maui Planning Department 2200 Main Street, Wailuku, Maui, Hawaii, 96793, or presented in person at the time of the public hearing.

Information relative to the application is available for review at the Planning Department, 2200 Main Street, Wailuku, Maui, Hawaii; telephone (808) 270-7735; toll free from Molokai 1-800-272-0117 extension 7735; toll free from Lanai 1-800-272-0125, extension 7735.

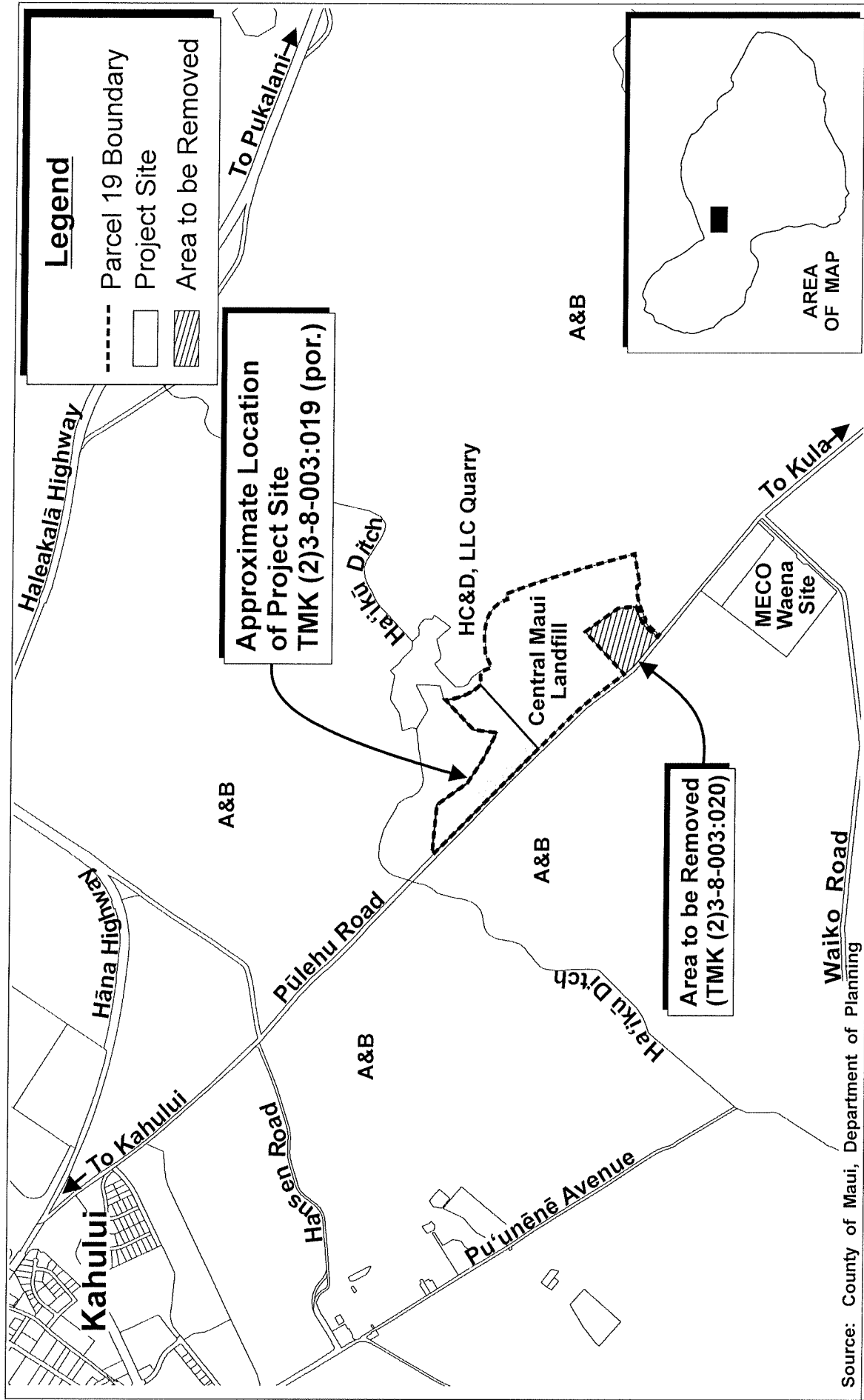
 Stewart Stant, Director
Department of Environmental Management

 Name of Applicant

2050 Main Street, Suite 2B Signature

Wailuku, Hawai'i 96793 Address

(808) 270-8230 Telephone



Proposed Central Maui Landfill Facilities Project Project Location Map



Prepared for: County of Maui, Department of Environmental Management

NOTICE OF PUBLIC HEARING

DATE: _____

TO: Owners/Lessees
(Owner/lessee of record)

Please be informed that the undersigned has applied to the Maui Planning Commission for a County Special Use Permit:

- a. Tax Map Key No: (2)3-8-003:019(por.) and 020 Area of Parcel: 40.8 acres of 179.9-acre Parcel 19 and 19.663-acre Parcel 20
- b. Location: In the vicinity of: 8100 Pūlehu, Pu'unēnē, Maui, Hawai'i
- c. Proposed Use: Amend County Special Use Permit (CUP-2008-0003) to amend the boundaries to remove Parcel 20, and, to include 40.8-acre project area (Parcel 19) in order to include development of office; abandoned vehicles area; metals processing area; open construction and demolition material recovery area; household hazardous waste and electronic waste processing and storage area; warehouse building and storage area; refuse collection office, truck parking and maintenance area; drainage basins; and associated infrastructure.

TO BE COMPLETED BY THE DEPARTMENT OF PLANNING:

Public Hearing Date: _____
Time: _____
Place: _____

Attached please find a map identifying the location of the specific parcel(s) being considered in the request for a County Special Use Permit.


The hearing is held under the authority of Chapter 92, Hawaii Revised Statutes, Title 19 of the Maui County Code, and the Planning Commission rules.

Petitions to intervene shall be in conformity with §12-201-20, §12-201-40 and §12-201-43 of the Rules of Practice and Procedure for the Maui Planning Commission; §12-301-16, 12-301-25 and 12-301-28 of the Rules of Practice and Procedure for the Molokai Planning Commission; or §12-401-20, 12-401-40 and 12-401-43 of the Rules of Practice and Procedure for the Lanai Planning Commission. The Petition to Intervene shall be filed with the respective planning commission and served upon the applicant no less than ten (10) business days before the first public hearing date, no later than 4:30 p.m. on the day of filing. Filing of all documents with the Planning Commission shall be in c/o the Maui Planning Department, 2200 Main Street, Wailuku, Maui, Hawaii 96793.

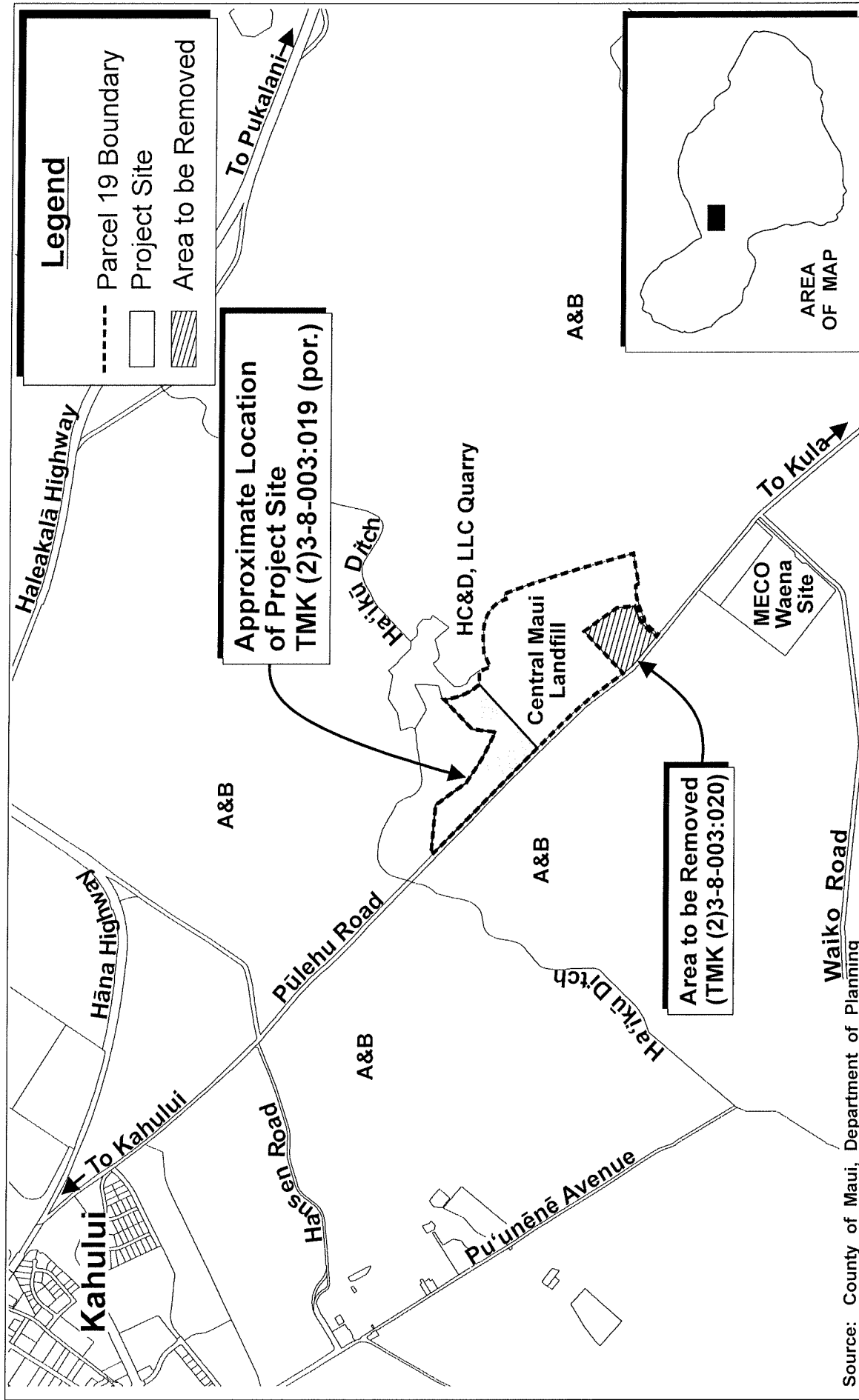
The computation of time begins with the day following the act, event, or default, and includes the last day of the period unless it is a Saturday, Sunday or legal State holiday in which event the period runs until the end of the next day which is not a Saturday, Sunday or State holiday. When the prescribed period of time is ten days or less, Saturdays, Sundays, or State holidays within the designated period shall be excluded in the computation.

Testimony relative to this request may be submitted in writing prior to the hearing to the appropriate Planning Commission c/o the Maui Planning Department 2200 Main Street, Wailuku, Maui, Hawaii, 96793, or presented in person at the time of the public hearing.

Information relative to the application is available for review at the Planning Department, 2200 Main Street, Wailuku, Maui, Hawaii; telephone (808) 270-7735; toll free from Molokai 1-800-272-0117 extension 7735; toll free from Lanai 1-800-272-0125, extension 7735.

 Stewart Stant, Director
Department of Environmental Management
Name of Applicant

Signature
2050 Main Street, Suite 2B, Wailuku, Hawai'i 96793
Address
(808) 270-8230
Telephone



Proposed Central Maui Landfill Facilities Project Project Location Map



Source: County of Maui, Department of Planning

Prepared for: County of Maui, Department of Environmental Management



**AMENDMENT TO STATE LAND
USE COMMISSION SPECIAL
PERMIT NOTARIZED
AFFIDAVIT OF MAILING OF
NOTICE OF PUBLIC HEARING**

3

**TO BE FILED UPON COMPLETION OF
MAILING OF PUBLIC HEARING NOTICE**

NOTARIZED AFFIDAVIT OF MAILING OF PUBLIC HEARING

_____, being first duly sworn, on oath,
deposes and says:

1. Affiant is the applicant for a Land Use Commission Special Permit for land situated at, TMK: (2) 3-8-003:019 (por.) and 020 _____.
2. Affiant did on _____, _____, deposit in the United States mail, postage prepaid, by certified or registered mail, return receipt requested, a copy of a Notice of Public Hearing with location map, a copy of which is attached hereto as "Exhibit A" and made a part hereof, addressed to each of the persons identified in the list of recorded owners and lessees identified as "Exhibit B," attached hereto and made a part hereof.
3. Thereafter, there was returned to the Office of Affiant, the United States Post Office certified or registered mail receipts and return receipts which are attached hereto as "Exhibit C" and made a part hereof.

Further, Affiant sayeth naught.

Subscribed and sworn to me before me
this _____ day of _____,
_____.

Notary Public, State of Hawaii

My commission expires: _____

Notary Public Certification

Document Date: _____ # Pages: _____
Notary Name: _____ Judicial Circuit: _____
Document Description: _____

Notary Signature: _____

Date: _____

(stamp or seal)

**ZONING AND FLOOD
CONFIRMATION FORM**

4



ZONING AND FLOOD CONFIRMATION FORM

(This section to be completed by the Applicant)

APPLICANT NAME Munekiyo Hiraga TELEPHONE 244-2015
PROJECT NAME Central Maui Landfill Expansion E-MAIL planning@munekiyoHIRAGA.com
PROPERTY ADDRESS Pulehu Road, Puunene TAX MAP KEY (2)3- 8-003:019 (Por.)

- ☐ Yes ☒ No Will this Zoning & Flood Confirmation Form be used with a Subdivision Application?
IF YES, answer questions A and B below and comply with instructions 2 & 3 below:
- A) ☐ Yes ☒ No Will it be processed under a consistency exemption from Section 18.04.030(B), MCC?
IF YES, which exemption? (No. 1, 2, 3, 4 or 5) _____
- B) State the purpose of subdivision and the proposed land uses (ie 1-lot into 2-lots for all land uses allowed by law): _____

- INSTRUCTIONS:
- 1) Please use a separate Zoning & Flood Confirmation Form for each Tax Map Key (TMK) number.
 - 2) If this will be used with a subdivision application AND the subject property contains multiple districts/designations of (1) State Land Use Districts, (2) Maui Island Plan Growth Boundaries, (3) Community Plan Designations, or (4) County Zoning Districts; submit a signed and dated Land Use Designations Map, prepared by a licensed surveyor, showing the metes & bounds of the subject parcel and of each district/designation including any subdistricts.
 - 3) If this will be used with a subdivision application AND the subject property contains multiple State Land Use Districts; submit an approved District Boundary Interpretation from the State Land Use Commission.

(This section to be completed by ZAED)

LAND USE DISTRICTS/DESIGNATIONS (LUD) AND OTHER INFORMATION:¹

STATE DISTRICT: ☐ Urban ☐ Rural ☒ Agriculture ☐ Conservation

☐ (SMA)
Special
Management Area

MAUI ISLAND PLAN Growth Boundary:² ☒ Urban ☐ Small Town ☐ Rural ☐ Planned Growth Area ☐ Outside Growth Boundaries

PLAN Protected Area:² ☐ Preservation ☐ Park ☐ Greenbelt ☐ Greenway ☐ Sensitive Land ☒ Outside Protected Areas

COMMUNITY PLAN:² AG, Public/Quasi-Public

COUNTY ZONING AG, INTERIM

OTHER/COMMENTS:

FEMA FLOOD INFORMATION:

FLOOD HAZARD AREA ZONES³ X
& BASE FLOOD ELEVATIONS:

☐ FEMA DESIGNATED FLOODWAY For Flood Zone AO, FLOOD DEPTH:

☐ FLOOD DEVELOPMENT PERMIT REQUIRED (Zones V, VE, A, AO, AE, AH, D, & Floodways)

☐ (PD)
Planned
Development
☐ (PH)
Project District
☐ See
Additional
Comments (Pg.2)
☐ See
Attached LUD Map

SUBDIVISION LAND USE CONSISTENCY: ☐ Not Consistent, (LUDs appear to have NO permitted uses in common).

☐ Not Applicable, (Due to processing under consistency exemption No. ☐1, ☐2, ☐3, ☐4, ☐5).
(Signature) ☐ Interim Zoning, (The parcel or portion of the parcel that is zoned interim shall not be subdivided).

☐ ⁴ Consistent, (LUDs appear to have ALL permitted uses in common).

☐ ⁴ Consistent, upon obtaining an SMA, PD, or PH subdivision approval from Planning.

☐ ⁴ Consistent, upon recording a permissible uses unilateral agreement processed by Public Works (See Pg.2).

NOTES:

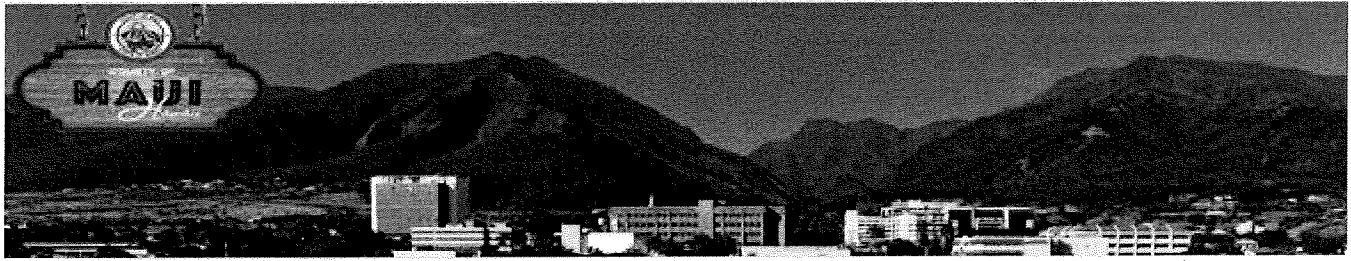
- 1 The conditions and/or representations made in the approval of a State District Boundary Amendment, Community Plan Amendment, County Change In Zoning, SMA Permit, Planned Development, Project District and/or a previous subdivision, may affect building permits, subdivisions, and uses on the land.
- 2 Please review the Maui Island Plan and the Community Plan document for any goals, objectives, policies or actions that may affect this parcel.
- 3 Flood development permits might be required in zones X and XS for any work done in streams, gulches, low-lying areas, or any type of drainageway; Flood development permits are required for work in all other zones. Subdivisions that include/adjoin streams, gulches, low-lying areas, or any type of drainageway might require the following designations to be shown on the subdivision map: 100-year flood inundation limits; base flood elevations; drainage reserves.
- 4 Subdivisions will be further reviewed during the subdivision application process to verify consistency, unilateral agreement requirements, and the conditions associated with a unilateral agreement [Section 18.04.030.D, Maui County Code].

REVIEWED & CONFIRMED BY:

John S. Rapacz (Signature) Rulan Ukikiki (Signature) 5/9/16 (Date)
For: John S. Rapacz, Planning Program Administrator, Zoning Administration and Enforcement Division

**LAND OWNERSHIP
DOCUMENTATION**
**(Submitted with Original
Application Document Only)**

5



[Recent Sales in Neighborhood](#)
[Recent Sales in Area](#)

[Previous Parcel](#)

[Next Parcel](#)

[Return to Main Search Page](#)

[Maui Home](#)

Owner and Parcel Information

Owner Name	COUNTY OF MAUI Fee Owner	Today's Date	January 27, 2017
Mailing Address		Parcel Number	380030190000
Location Address	8100 PULEHU RD	Parcel Map	Show Parcel Map
Neighborhood Code	3878-4	Land Area	179.962 Acres
Legal Information	LOT 1-A-1 CENTRAL MAUI SANITARY LANDFILL SUBD	Parcel Note	

[Generate Owner List By Radius](#)

Assessment Information

[Show Historical Assessments](#)

Year	Tax Class	Market Land Value	Agricultural Land Value	Assessed Land Value	Building Value	Total Assessed Value	Total Exemption Value	Total Net Taxable Value
2016	INDUSTRIAL	\$ 200	\$ 0	\$ 200	\$ 3,900	\$ 4,100	\$ 4,100	\$ 0

Current Tax Bill Information

[2016 Tax Payments](#)

[Show Historical Taxes](#)

Tax Period	Description	Original Due Date	Taxes Assessment	Tax Credits	Net Tax	Penalty	Interest	Other	Amount Due
------------	-------------	-------------------	------------------	-------------	---------	---------	----------	-------	------------

No Tax Information available on this parcel.

Improvement Information

No improvement information available for this parcel.

Accessory Information

Building Number	Description	Dimensions/Units	Year Built	Percent Complete	Value
1	METAL UTILITY SHED	0x0 204 / 1	1991	100 %	\$ 3,900

Sales Information

Sale Date	Price	Instrument #	Instrument Type	Valid Sale or Other Reason	Document Type	Record Date	Land Court #	Land Court Cert
12/13/2012	\$ 0	A47440055	Fee conveyance		Warranty deed	12/27/2012		
11/12/2008	\$ 1,880,000	08-175219	Fee conveyance		Limited warranty/apartment deed	11/18/2008		
01/07/1988	\$ 0	0000000000						
03/12/1987	\$ 0	0000137249				09/08/1987		

Permit Information

Date	Permit Number	Reason	Permit Amount
09/11/2014	B20141188	Other see notes	\$ 302,000
10/18/2011	B20111114	Modular building	\$ 242,391

02/05/1991

91 0237

Storage bldg

\$ 2,000

[Recent Sales in Neighborhood](#)

[Recent Sales in Area](#)

[Previous Parcel](#)

[Next Parcel](#)

[Return to Main Search Page](#)

[Maui Home](#)

The Maui County Tax Assessor's Office makes every effort to produce the most accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use or interpretation. Website Updated: January 21, 2017

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[Recent Sales in Neighborhood](#)
[Recent Sales in Area](#)

[Previous Parcel](#)
[Next Parcel](#)

[Return to Main Search Page](#)
[Maui Home](#)

Owner and Parcel Information

Owner Name	KOMAR MAUI PROPERTIES I LLC	Fee Owner	Today's Date	February 23, 2018
Mailing Address	74-5610 ALAPA STREET KAILUA KONA HI 96740		Parcel Number	380030200000
Location Address	0 PULEHU RD		Parcel Map	Show Parcel Map
Neighborhood Code	3878-4		Land Area	19.663 Acres
Legal Information	LOT 1-B CENTAL MAUI SANITARY LANDFILL SUBD POR RPGR 3343		Parcel Note	
Generate Owner List By Radius				

Assessment Information					Show Historical Assessments			
Year	Tax Class	Market Land Value	Agricultural Land Value	Assessed Land Value	Building Value	Total Assessed Value	Total Exemption Value	Total Net Taxable Value
2017	INDUSTRIAL	\$ 712,800	\$ 0	\$ 712,800	\$ 0	\$ 712,800	\$ 0	\$ 712,800

Current Tax Bill Information			2017 Tax Payments			Show Historical Taxes			
Tax Period	Description	Original Due Date	Taxes Assessment	Tax Credits	Net Tax	Penalty	Interest	Other	Amount Due
2017-2	Real Property Tax	02/20/2018	\$ 2,669.43	\$ 0.00	\$ 2,669.43	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,669.43
Tax bill is computed to 02/20/2018									

Improvement Information									
No improvement information available for this parcel.									

Accessory Information					
Building Number	Description	Dimensions/Units	Year Built	Percent Complete	Value
No accessory information associated with this parcel.					

Sales Information								
Sale Date	Price	Instrument #	Instrument Type	Valid Sale or Other Reason	Document Type	Record Date	Land Court #	Land Court Cert
12/04/2015	\$ 700,000	A58220424	Fee conveyance	Valid Sale	Warranty deed	12/10/2015		
03/30/1989	\$ 0	8900043371	Fee conveyance			03/30/1989		

Permit Information			
Date	Permit Number	Reason	Permit Amount
No permit information associated with this parcel.			

Recent Sales in Neighborhood Recent Sales in Area	Previous Parcel	Next Parcel	Return to Main Search Page	Maui Home
The Maui County Tax Assessor's Office makes every effort to produce the most accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use or interpretation. Website Updated: February 17, 2018				

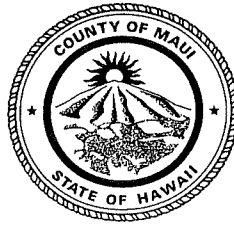
LETTER OF AUTHORIZATION

6

ALAN M. ARAKAWA
Mayor

STEWART STANT
Director

MICHAEL M. MIYAMOTO
Deputy Director



MICHAEL RATTE
Solid Waste Division

ERIC NAKAGAWA, P.E.
Wastewater Reclamation Division

**COUNTY OF MAUI
DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT**

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

February 26, 2018

William R. Spence, Director
County of Maui
Department of Planning
One Main Plaza, Suite 315
2200 Main Street
Wailuku, Hawai'i 96793

Dear Mr. Spence:

**SUBJECT: PROPOSED CENTRAL MAUI LANDFILL FACILITIES
PROJECT AT PŪLEHU ROAD, PU'UNĒNĒ, MAUI, HAWAII
(SP97-390 AND CUP 2008/0003)**

I, MICHAEL M. MIYAMOTO, Deputy Director of the Department of Environmental Management for the County of Maui, a body politic that has control and management of TMK (2)3-8-003:019 hereby authorizes Munekiyo Hiraga to prepare, file, process, and obtain amendments to State Land Use Commission Special Permit No. 97-390 and County Special Use Permit No. 2008/0003 for the proposed Central Maui Landfill Facilities Project.

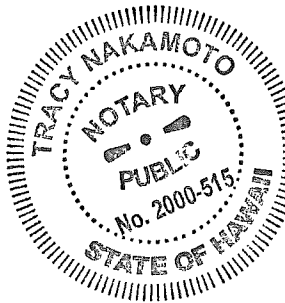
Should you have any questions or require additional information, please do not hesitate to contact Elaine Baker at (808) 270-8230.

Very truly yours,

MICHAEL M. MIYAMOTO for
Stewart Stant, Director
Department of Environmental Management

STATE OF HAWAII)
) SS.
COUNTY OF MAUI)

On this 26th day of February, 2018, before me personally appeared Michael M. Miyamoto, to me personally known, who, being by me duly sworn or affirmed, did say that such person executed the foregoing instrument as the free act and deed of such person, and if applicable in the capacity shown, having been duly authorized to execute such instrument in such capacity.

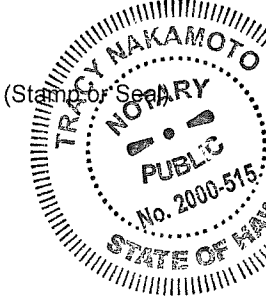


Tracy Nakamoto
Print Name: Tracy Nakamoto
Notary Public, State of Hawaii

My commission expires: 10/15/2020

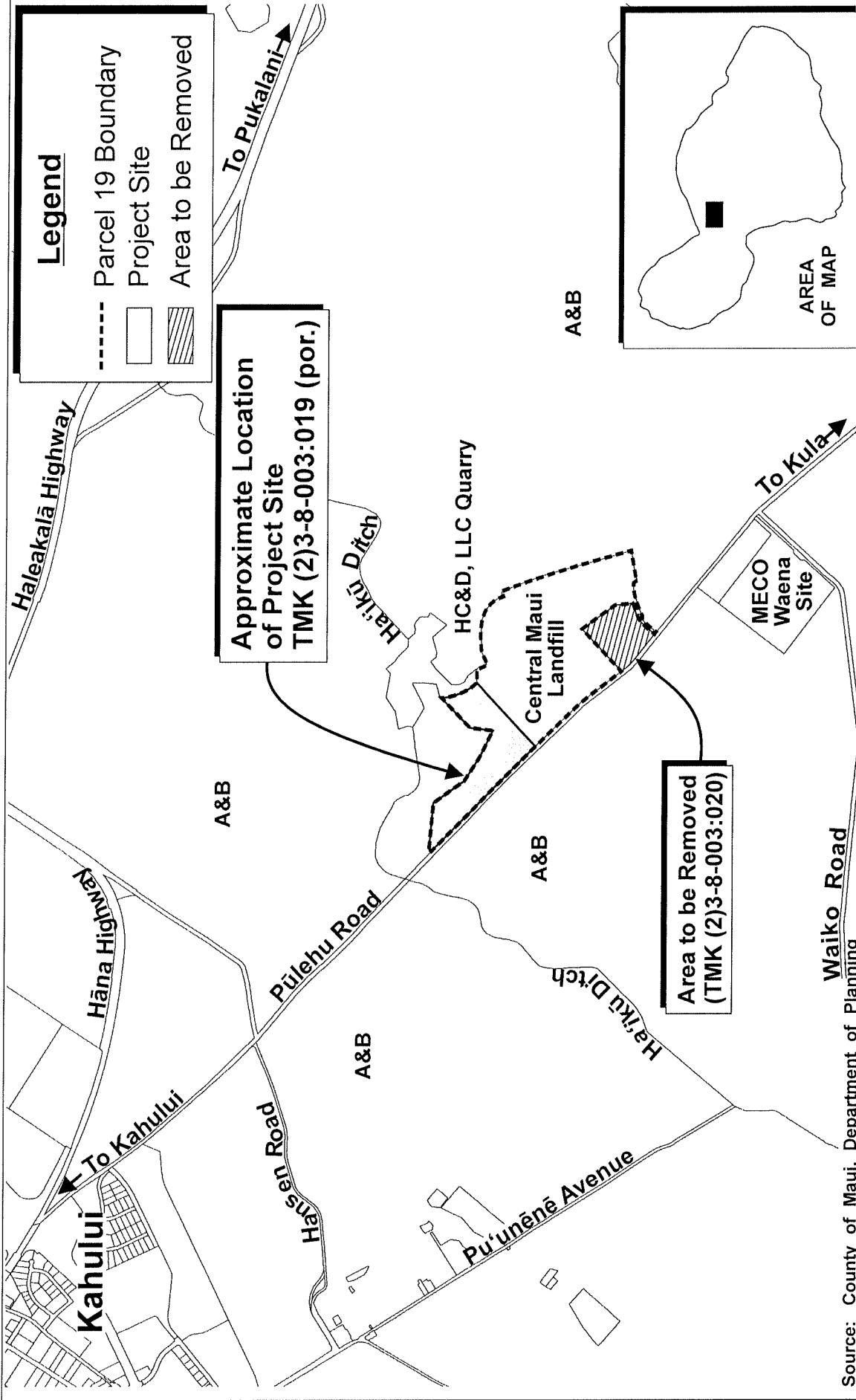
Doc. Date: <u>2/26/18</u> # Pages: <u>2</u>	
Notary Name: <u>Tracy Nakamoto</u>	
<u>Second</u> Circuit	
Doc. Description: <u>letter of authorization</u>	

<u>Tracy Nakamoto</u> Notary Signature	<u>2/26/18</u> Date
NOTARY CERTIFICATION	



LOCATION MAP

7



Proposed Central Maui Landfill Facilities Project

Project Location Map



Prepared for: County of Maui, Department of Environmental Management

**LIST OF OWNERS AND
LESSEES ADJACENT AND
WITHIN 500 FEET
OF SUBJECT PARCELS
(Submitted with Original
Application Document Only)**

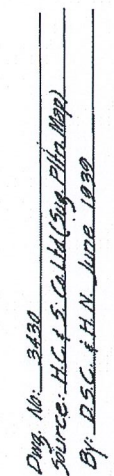
8

**OWNERS/LESSEES ABUTTING AND
ACROSS THE STREET OF SUBJECT
PARCELS**

**(LAND USE COMMISSION
SPECIAL PERMIT)**

TMK LIST OF OWNERS/LESSEES ABUTTING/ACROSS THE STREET FROM THE SUBJECT PROPERTY
CENTRAL MAUI LANDFILL
LAND USE COMMISSION SPECIAL PERMIT

#	TMK	NAME	NAME 1	ADDRESS	ADDRESS 2
1	2380030010000	A & B - HAWAII INC		PO BOX 156	KAHULUI HI 96732
2	2380030040000	ALEXANDER & BALDWIN, LLC		PO BOX 156	KAHULUI HI 96733
3	2380030040000	HC&D LLC		2344 PAHOUNUI DR	HONOLULU HI 96819
4	2380030200000	KOMAR MAUI PROPERTIES I LLC		74-5610 ALAPA STREET	KAILUA KONA HI 96740
5	2380030210000	ALEXANDER & BALDWIN LLC		PO BOX 156	KAHULUI HI 96733
6	2380030210000	AMERON H C & D			
7	2380030210000	COUNTY OF MAUI			
8	2380030210000	HC&D LLC		2344 PAHOUNUI DR	HONOLULU HI 96819
9	2380030250000	ALEXANDER & BALDWIN, LLC		PO BOX 156	KAHULUI HI 96733



Note: All parcels owned by A&B Hawaii, Inc. unless otherwise noted.

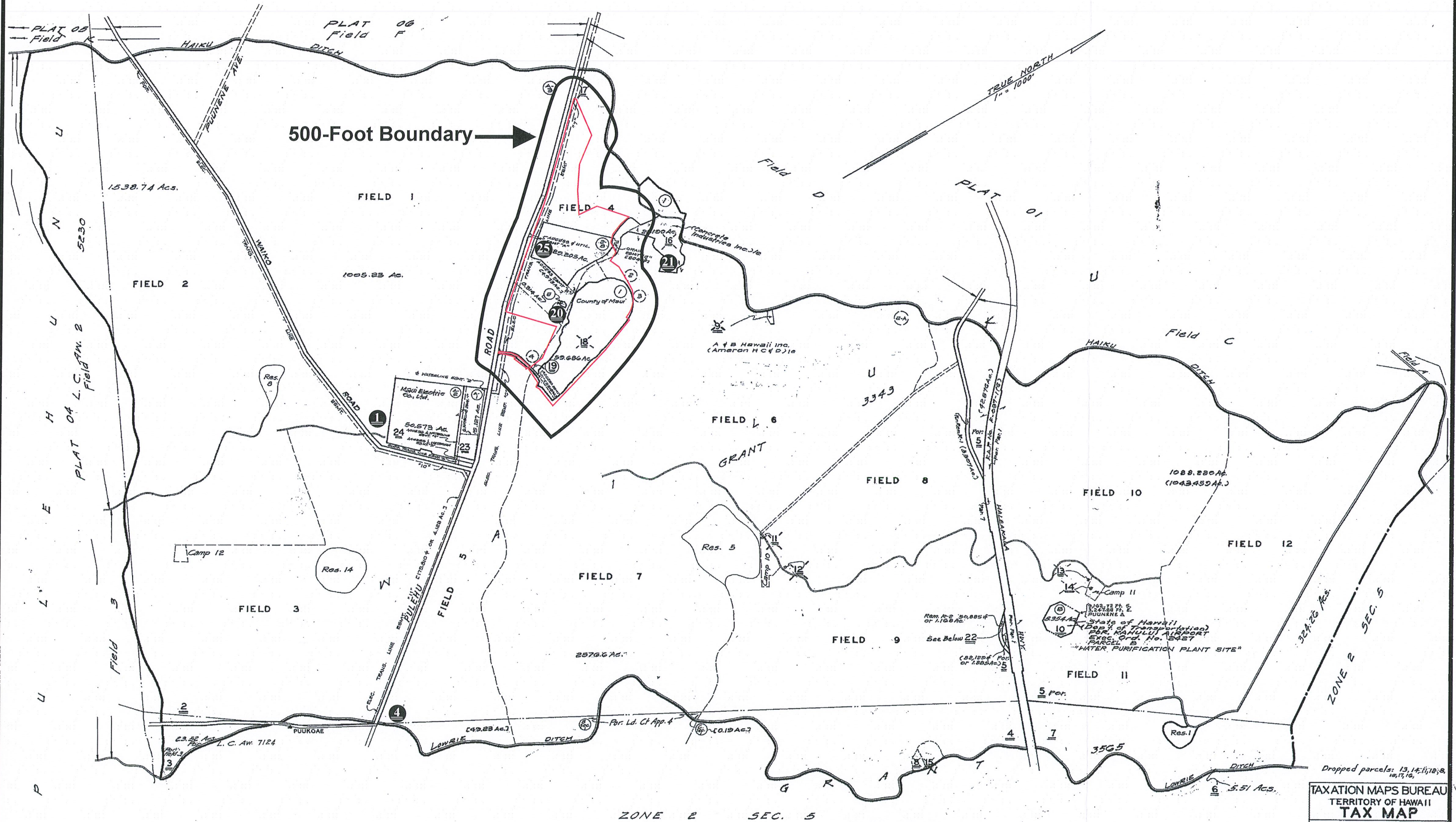
SUBJECT TO CHANGE

**OWNERS/LESSEES WITHIN 500
FEET OF SUBJECT PARCELS
(COUNTY SPECIAL USE PERMIT)**

**TMK LIST OF OWNERS/LESSEES WITHIN 500 FEET OF SUBJECT PROPERTY
CENTRAL MAUI LANDFILL
COUNTY SPECIAL USE PERMIT**

#	TMK	NAME	NAME 1	ADDRESS	ADDRESS 2
1	2380010010000	ALEXANDER & BALDWIN LLC ETAL		PO BOX 156	KAHULUI HI 96733
2	2380030010000	A & B - HAWAII INC		PO BOX 156	KAHULUI HI 96732
3	2380030040000	ALEXANDER & BALDWIN, LLC ETAL		PO BOX 156	KAHULUI HI 96733
4	2380030040000	HC&D LLC		2344 PAHOUNUI DR	HONOLULU HI 96819
5	2380030200000	KOMAR MAUI PROPERTIES I LLC		74-5610 ALAPA STREET	KAILUA KONA HI 96740
6	2380030210000	ALEXANDER & BALDWIN LLC ETAL		PO BOX 156	KAHULUI HI 96733
7	2380030210000	COUNTY OF MAUI			
8	2380030210000	HC&D LLC		2344 PAHOUNUI DR	HONOLULU HI 96819
9	2380030250000	ALEXANDER & BALDWIN, LLC		PO BOX 156	KAHULUI HI 96733

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22 State of Hawaii
(Alexander & Baldwin, Inc.)
Rev. Prmt. 5-5485

Note: All parcels owned by A&B Hawaii, Inc. unless otherwise noted.

Dropped parcels: 13, 14, 11, 12; 8,
15, 17, 16,

TAXATION MAPS BUREAU

TERRITORY OF HAWAII
TAX MAP

SECOND DIVISION

ZONE	SEC.	PLAT
2	2	22

3	8	03
---	---	----

CONTAINING PARCELS
SCALE: 1 in = 1000 ft

CONFIDENTIAL - 1990

Dwg. No. 3430
Source: H.C. & S. Co Ltd. (Eng. Pkts. Map)
By: D.S.C. & H.N. June 1930

POR. WAILUKU. MAUI

SUBJECT TO CHANGE

PHOTOGRAPHS

9

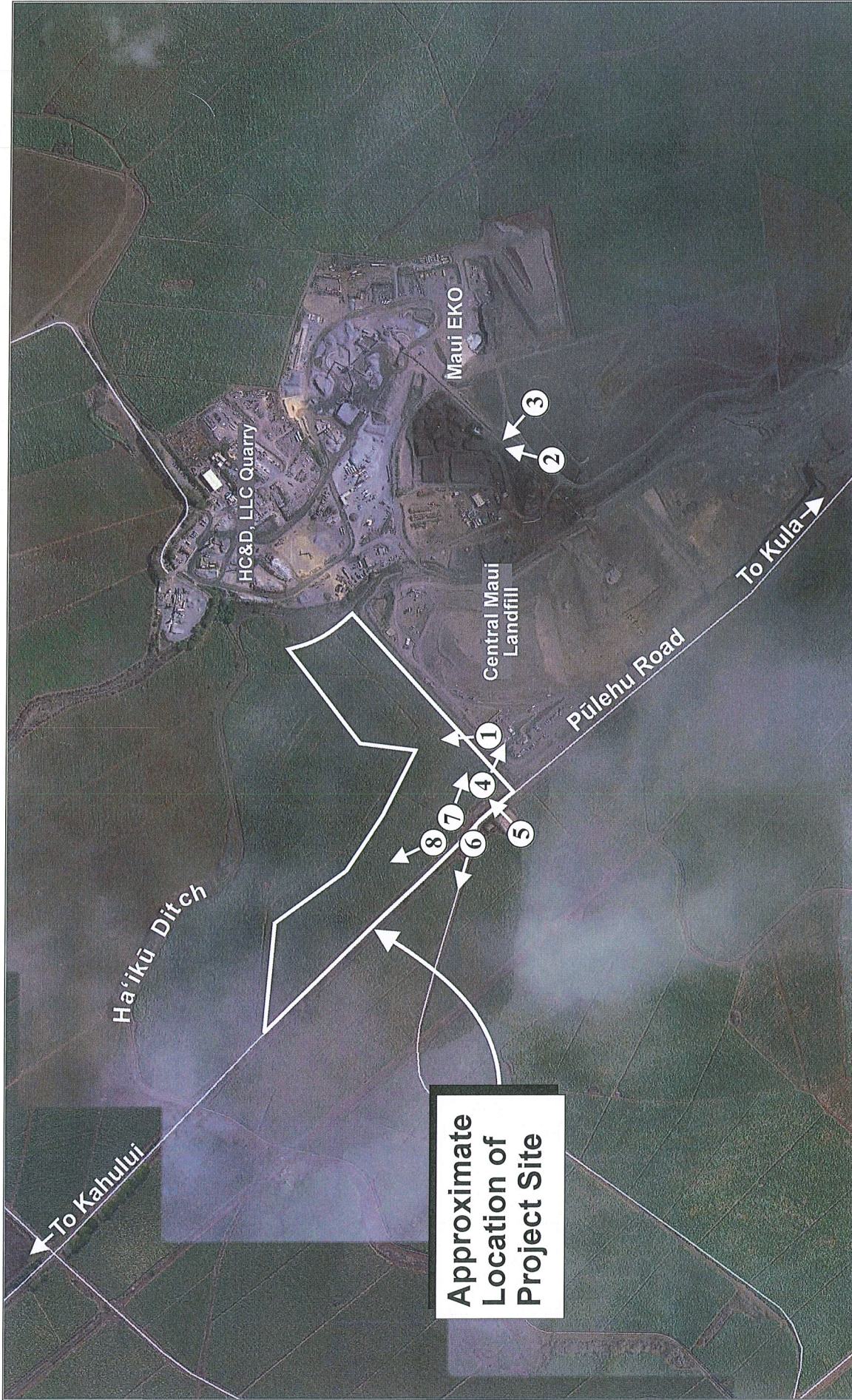


Proposed Central Maui Landfill Facilities Project Aerial Photograph

NOT TO SCALE



Prepared for: County of Maui, Department of Environmental Management



Approximate
Location of
Project Site

Proposed Central Maui Landfill Facilities Project Photograph Reference Map

NOT TO SCALE



Prepared for: County of Maui, Department of Environmental Management



Photo No. 1: View North of Project Site from Central Maui Landfill



Photo No. 2: View Northeast toward HC&D LLC Quarry Operations



Photo No. 3: View Northwest Toward HC&D LLC Quarry Operations



Photo No. 4: View Looking Southeast toward Existing Landfill



Photo No. 5: View From Pūlehū Road Toward Project Site



Photo No. 6: View Across Pūlehū Road Near Entrance



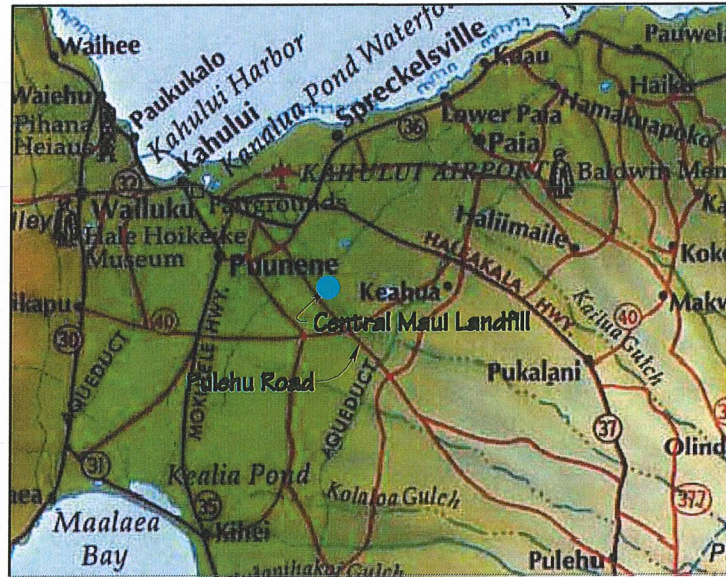
Photo No. 7: View Southeast toward Existing Central Maui Landfill



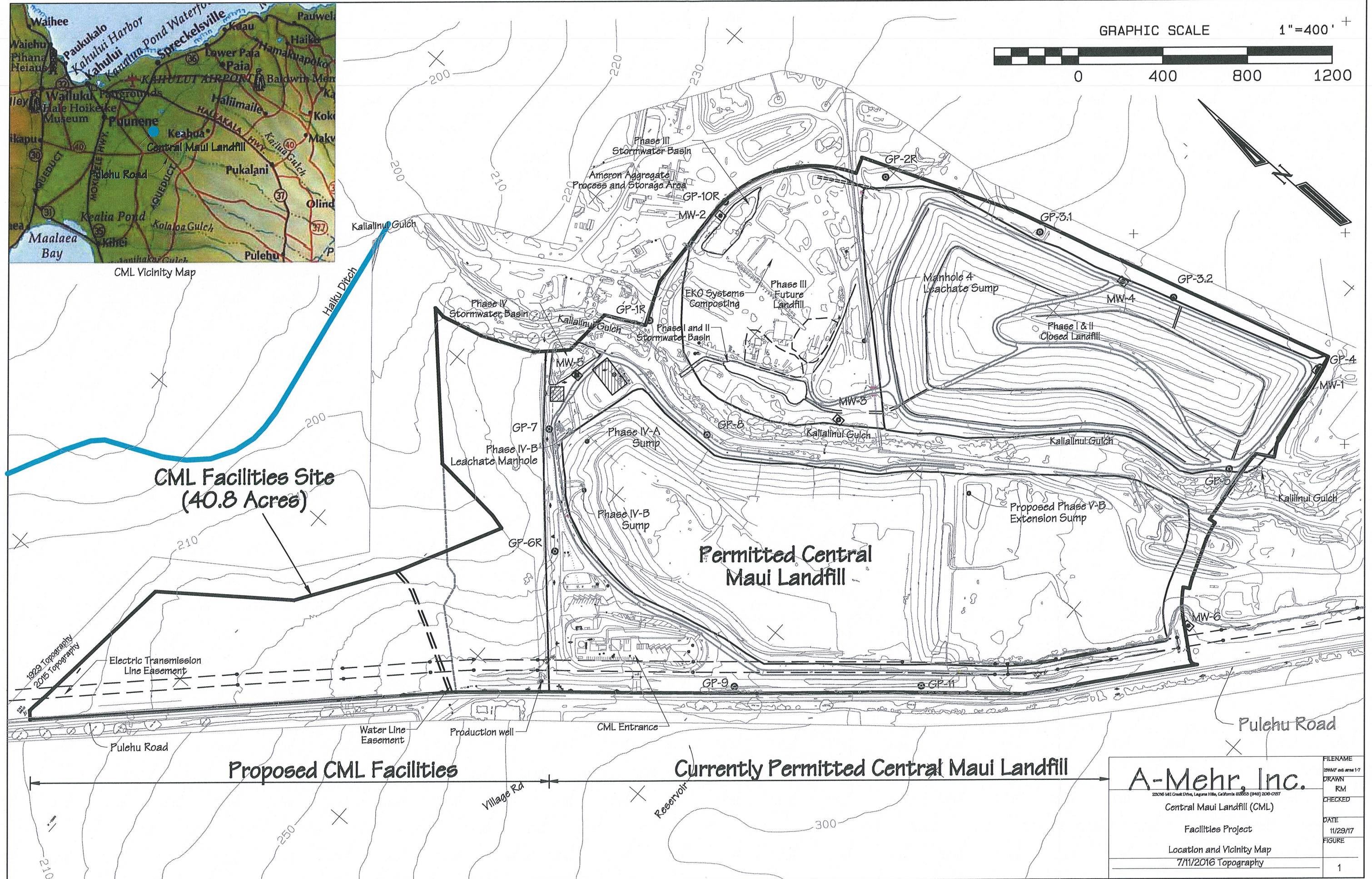
Photo No. 8: View Northeast toward Kahului Airport

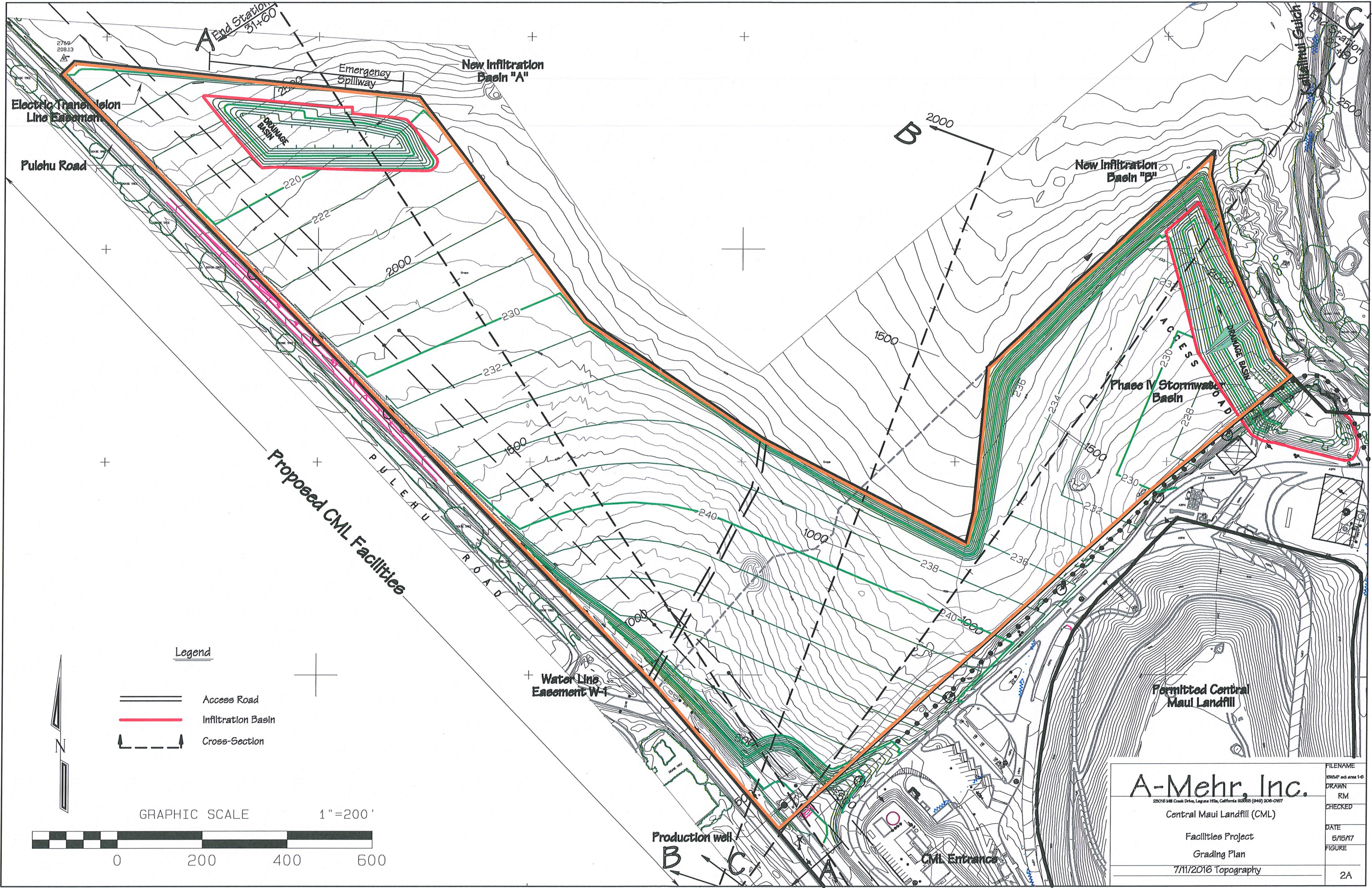
PROJECT PLANS

10

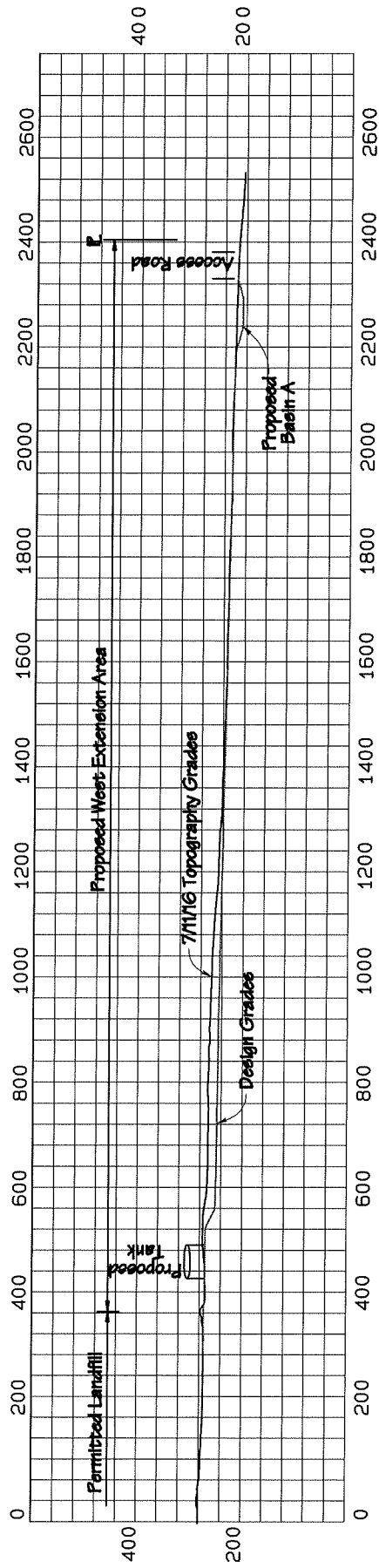


CML Vicinity Map

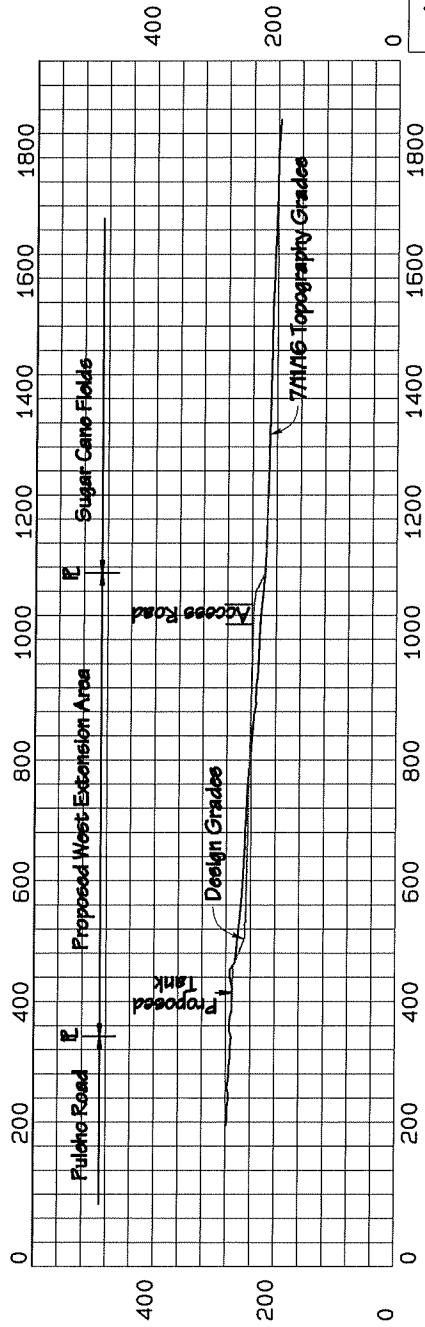




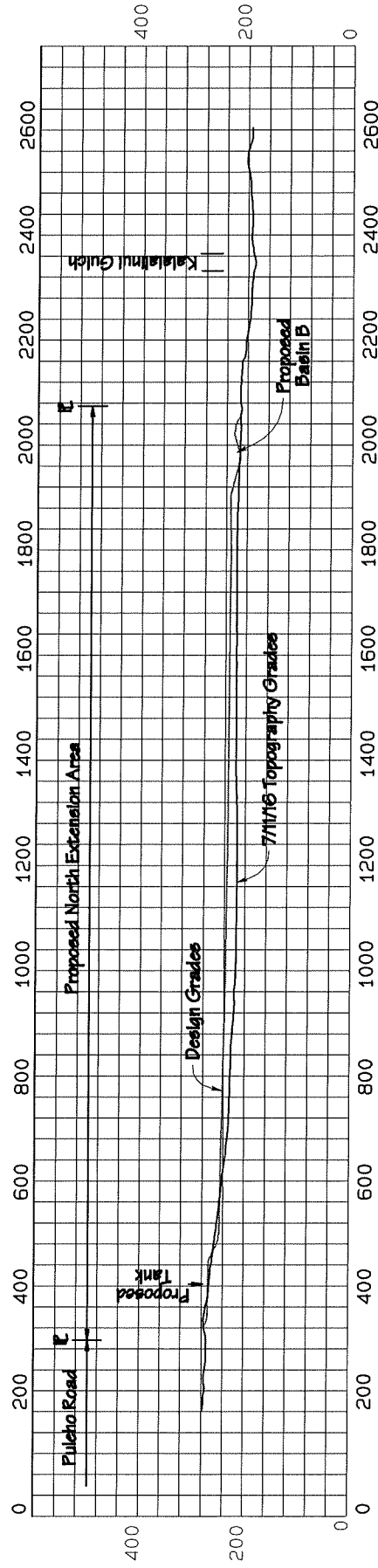
A-Mehr, Inc. <small>25016 Mill Creek Drive, Laguna Hills, California 92653 (949) 926-0167</small>		FILENAME 15WMP sub area 1-6 DRAWN RM CHECKED
Central Maui Landfill (CML) Facilities Project Grading Plan 7/11/2016 Topography		DATE 5/15/17 FIGURE 2A



Cross-Section A-A

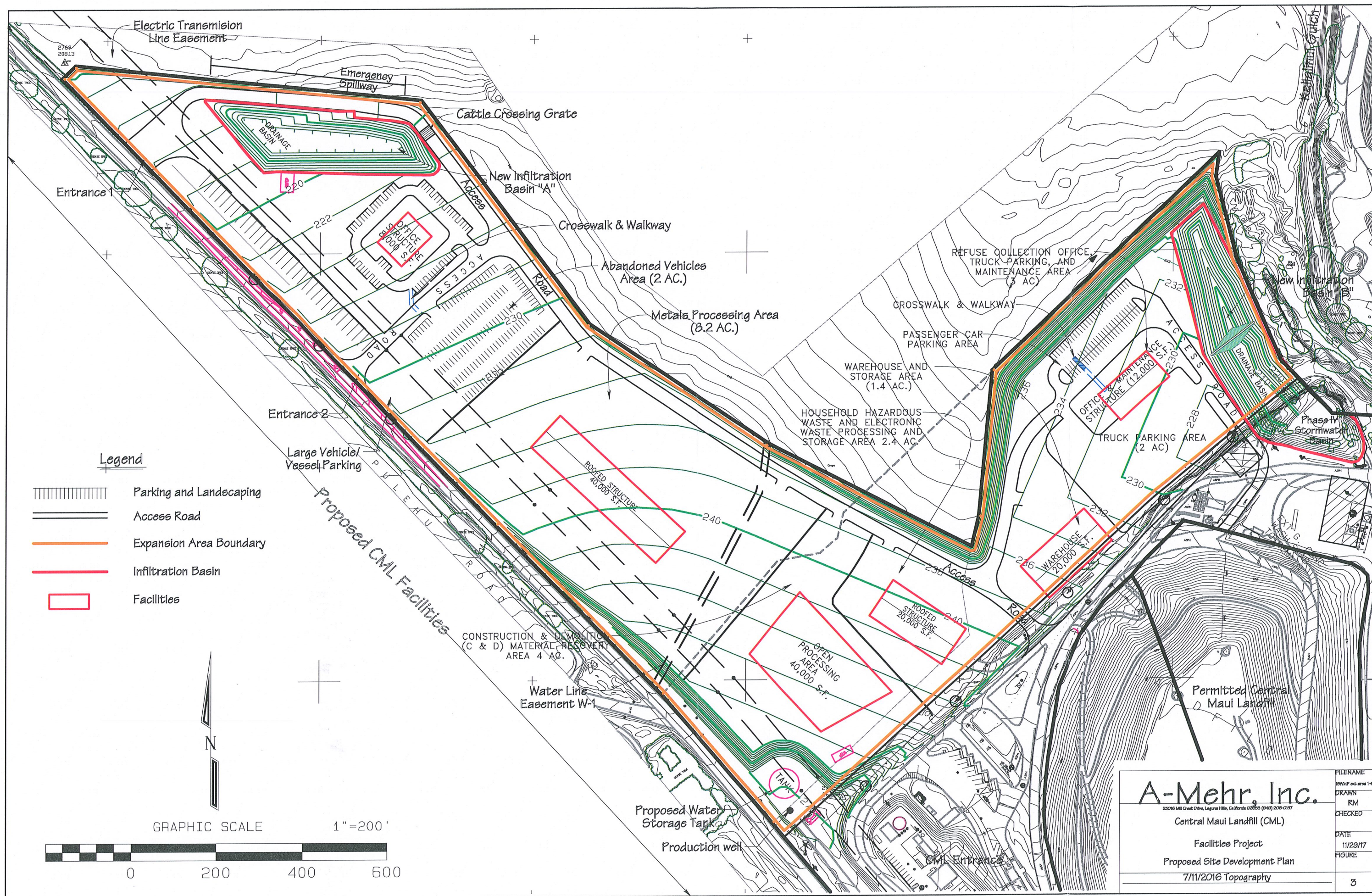


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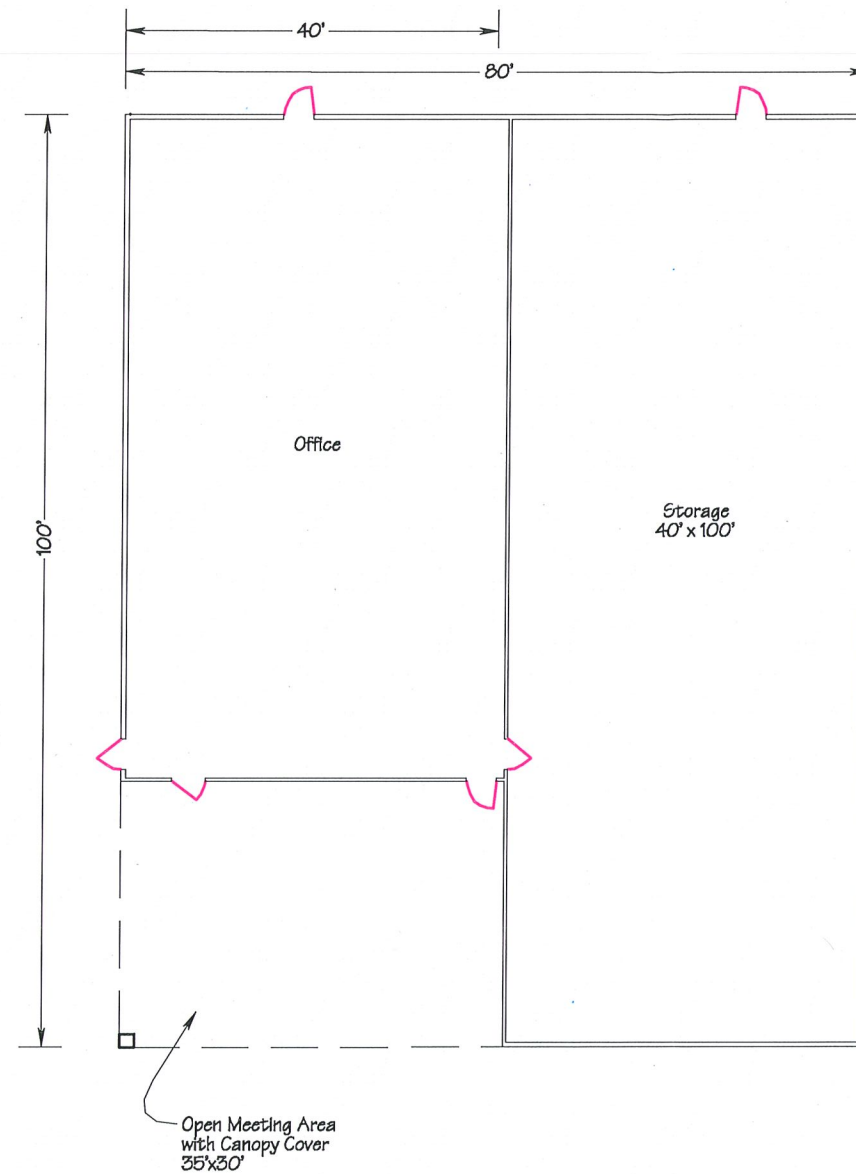
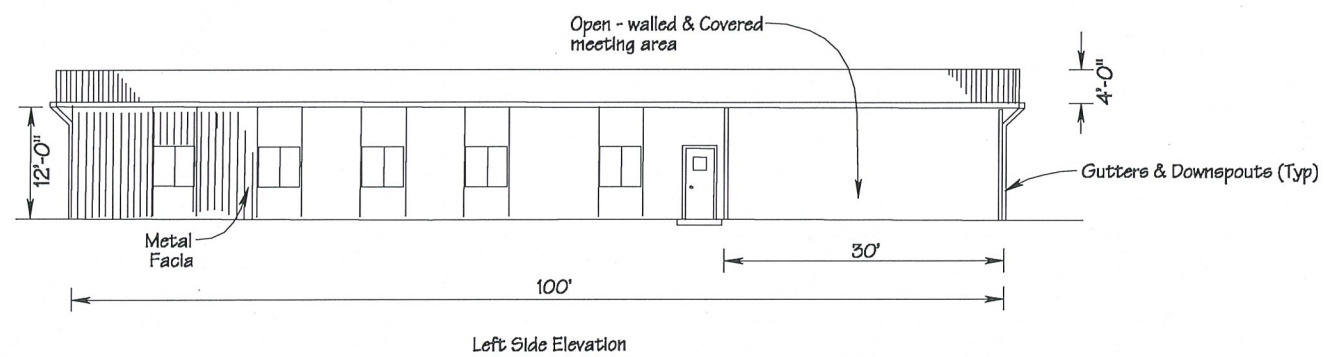
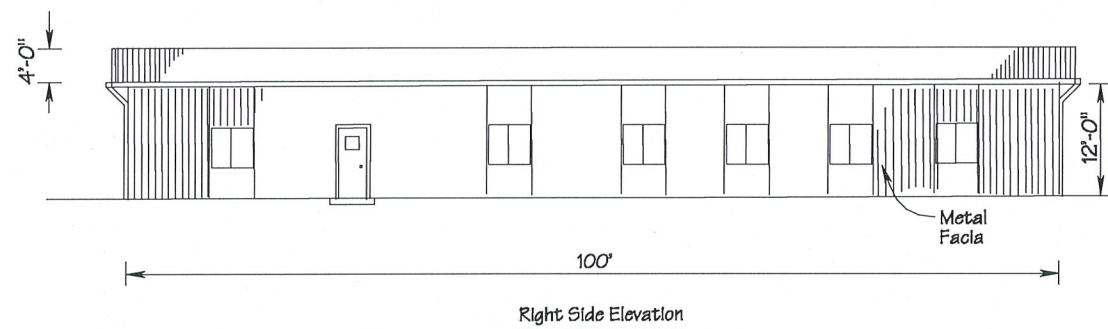
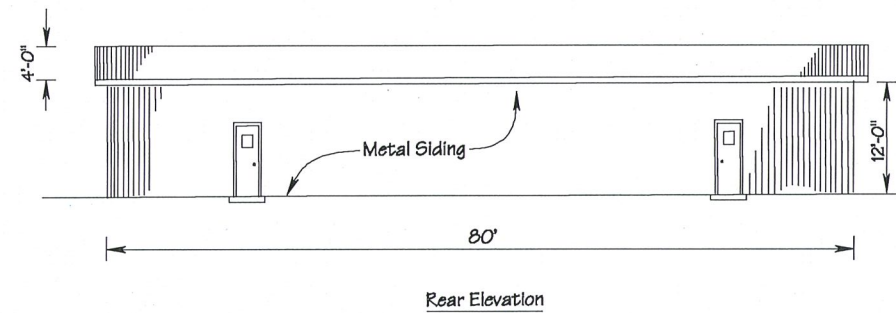
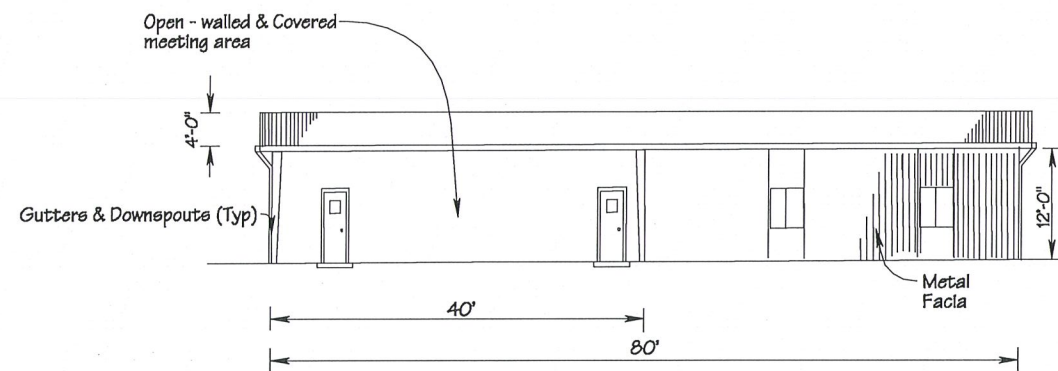


Cross-Section C-C

A-Mehr, Inc. <small>12345 Main Street, Suite 100, Anytown, CA 90001</small>	
<small>PROJECT NO.</small> 2023-001	<small>DATE</small> 12/25/16
<small>PROJECT NAME</small> Central Maui Landfill (CML)	<small>FIGURE</small> Cross-Section C-C
<small>PROJECT LOCATION</small> Maui, Hawaii	<small>SCALE</small> 2" = 10'
<small>DESIGNED BY</small> J. Smith	<small>2D</small>



A-Mehr, Inc. <small>22076 Mill Creek Drive, Laguna Hills, California 92653 (949) 206-0227</small>		FILENAME 10WMP sub area 1-6
Central Maui Landfill (CML)		DRAWN RM
Facilities Project		CHECKED
Proposed Site Development Plan		DATE 11/29/17
7/11/2016 Topography		FIGURE
		3



A-Mehr, Inc.

22016 Hill Creek Drive, Laguna Hills, California 92653 (949) 206-0757

Central Maui Landfill (CML)

Facilities Project

Office Structure

FILENAME

15WMF ext area

DRAWN

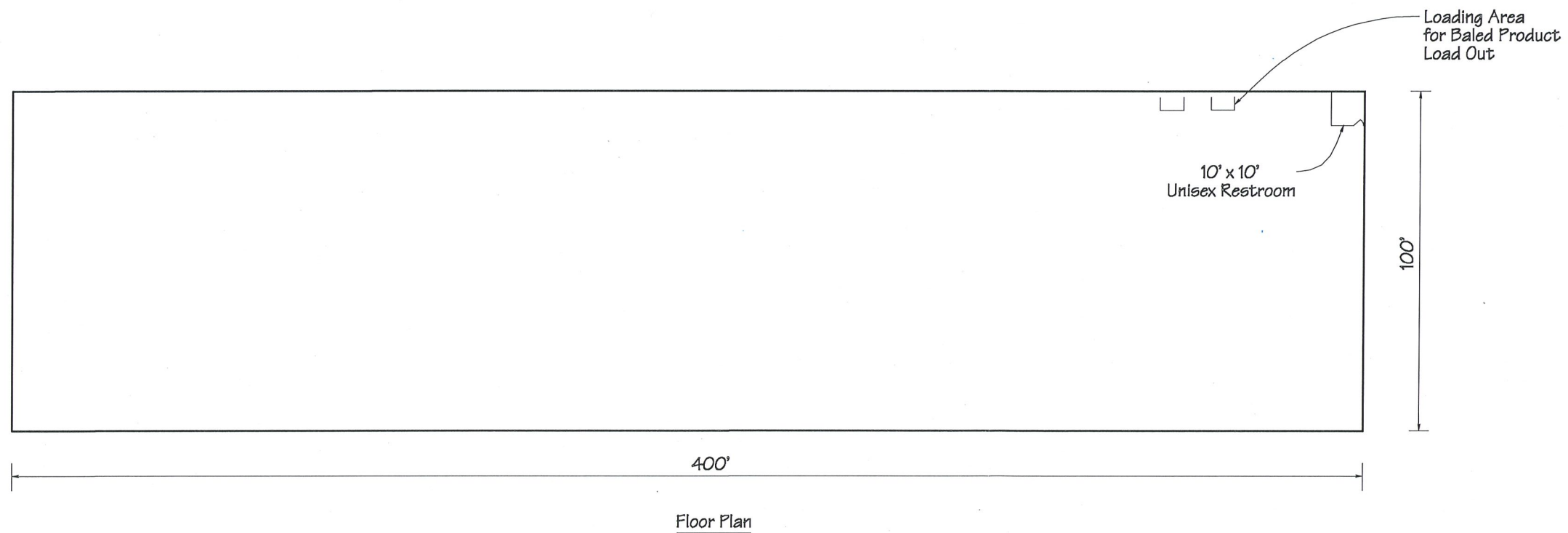
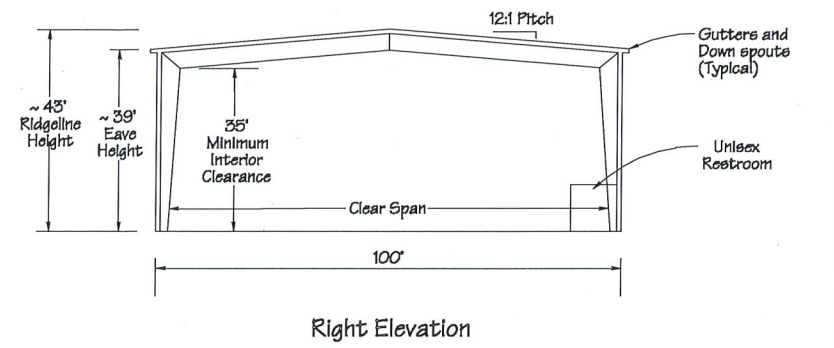
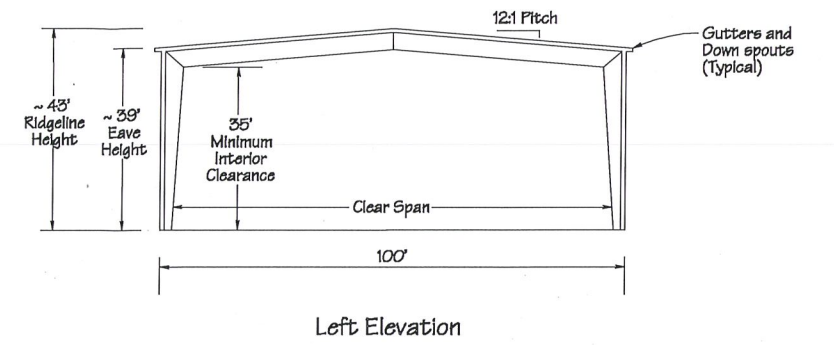
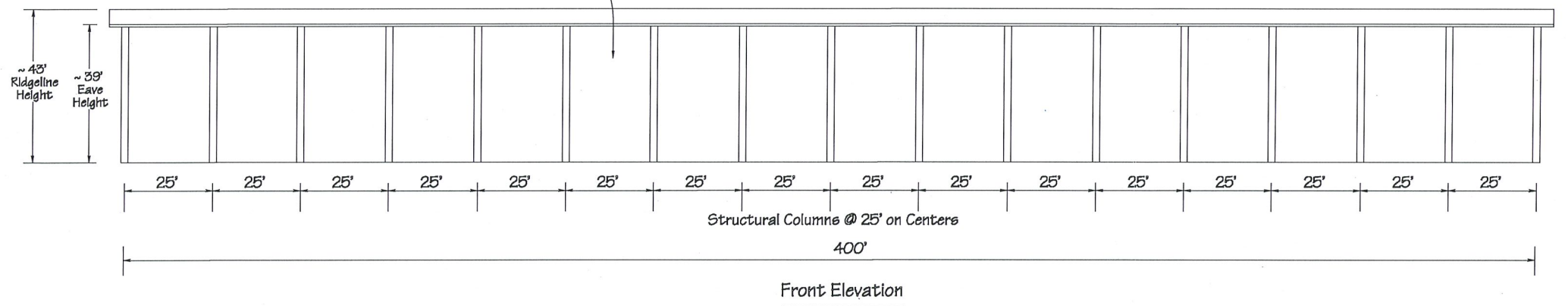
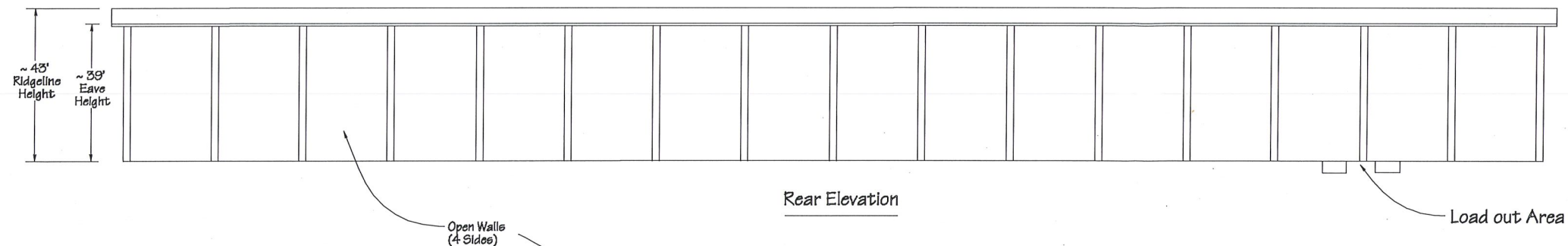
RM

CHECKED

DATE

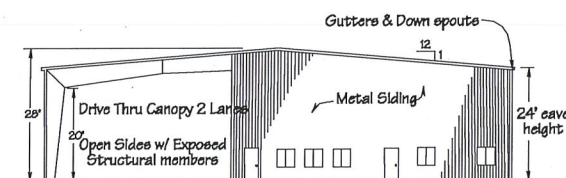
5/17/17

FIGURE

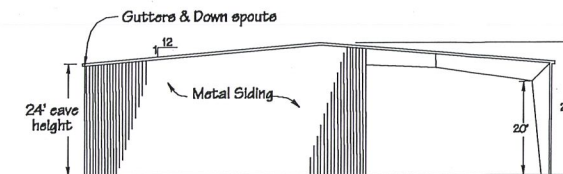


A-Mehr, Inc.
23016 Mill Creek Drive, Laguna Hills, California 92653 (949) 208-0157
 Central Maui Landfill (CML)
 Facilities Project
 Metals Processing Structure

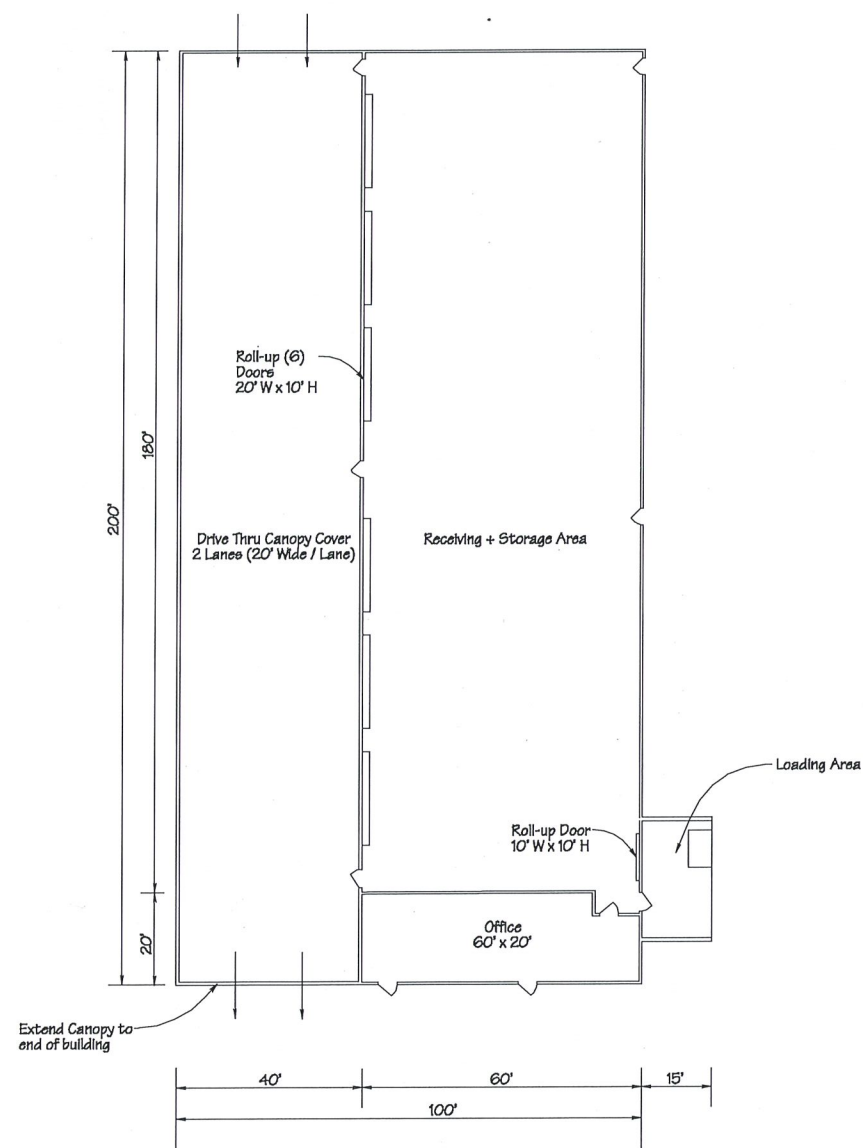
FILENAME	15WMP ext area
DRAWN	RM
CHECKED	
DATE	5/17/17
FIGURE	
	5



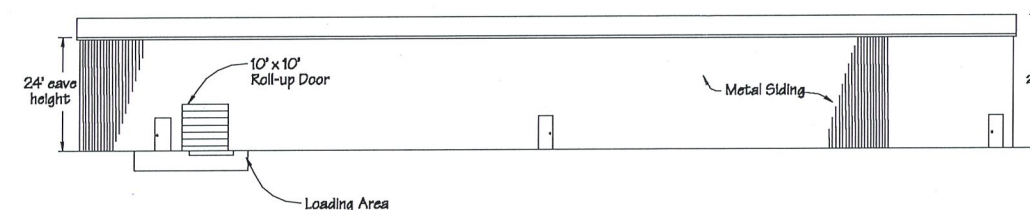
Front Elevation



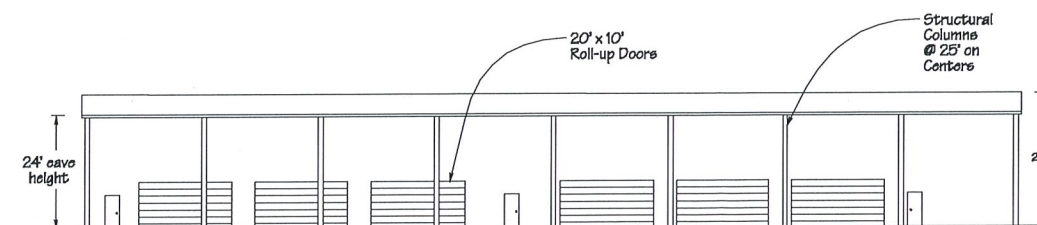
Rear Elevation



Floor Plan

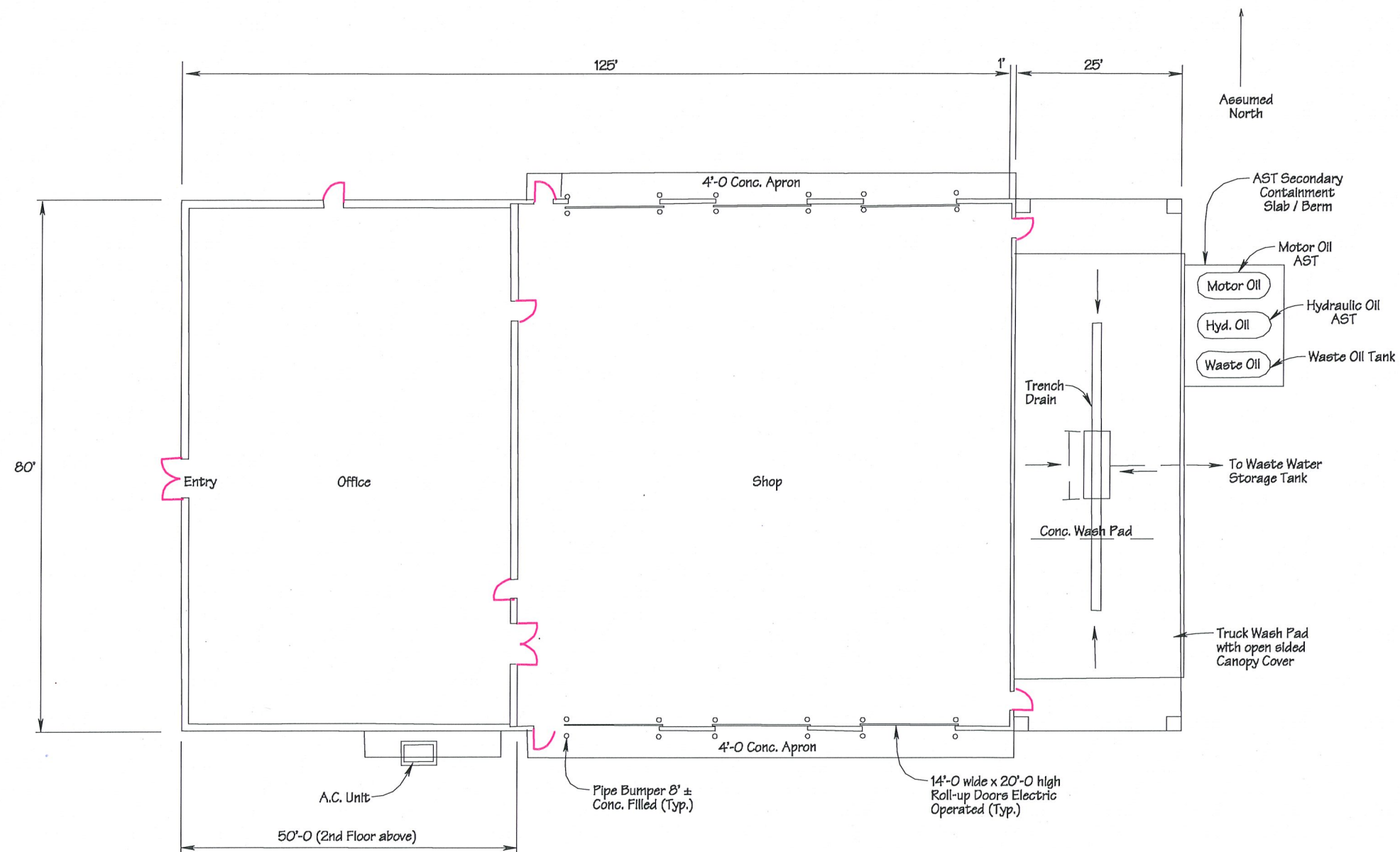


Right Elevation

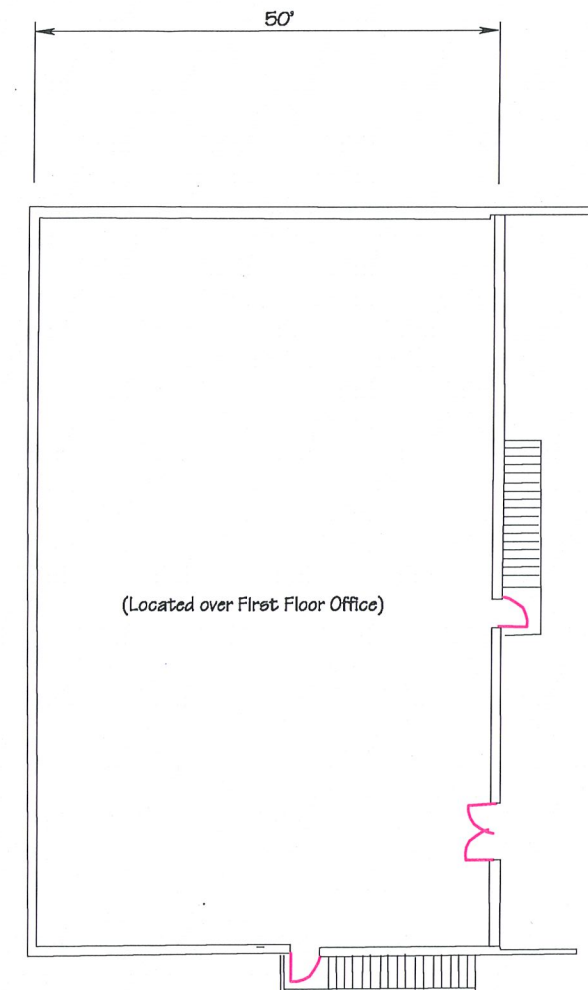


Left Elevation

A-Mehr, Inc.		FILENAME
22016 Mill Creek Drive, Laguna Hills, California 92653 (949) 206-0757		15WHF and area
Central Maui Landfill (CML)		DRAWN RM
Facilities Project		CHECKED
Household Hazardous Waste and Electronic Waste Structure		DATE 5/17/17
		FIGURE
		6

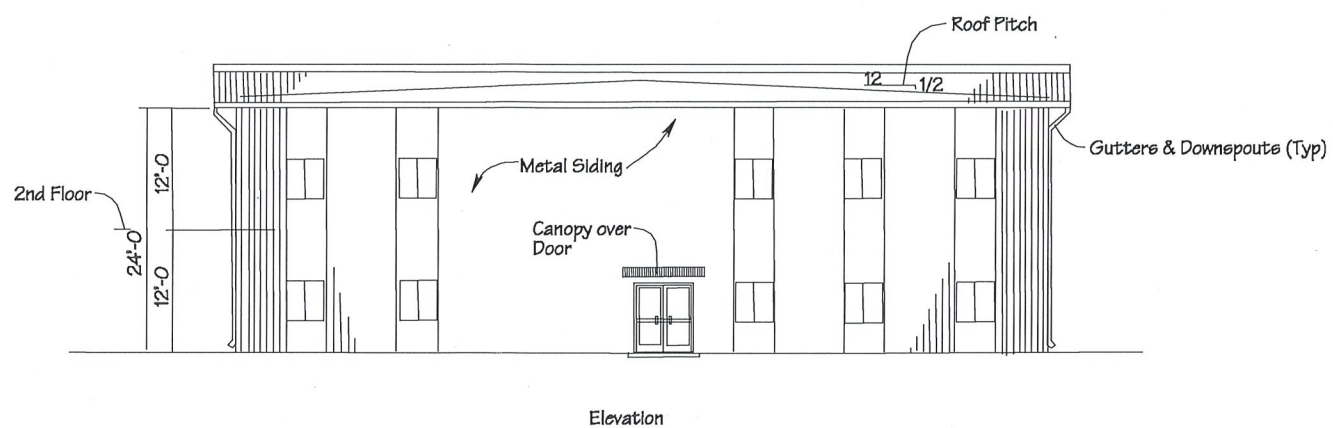
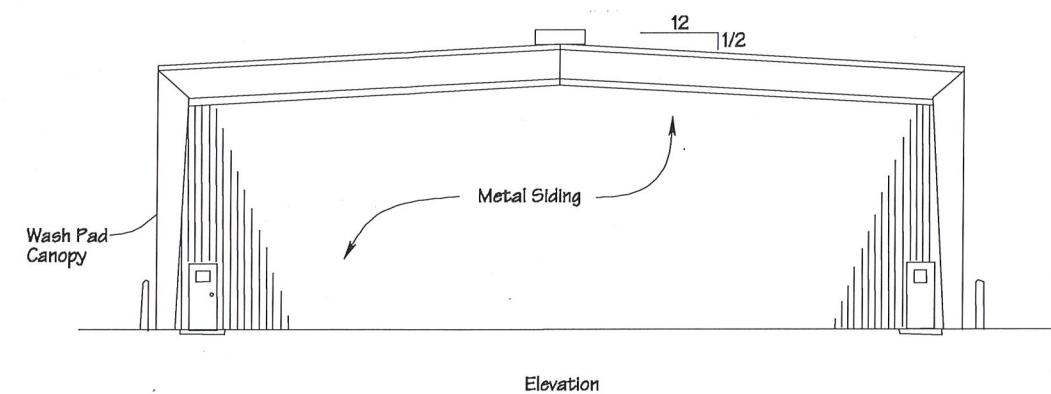
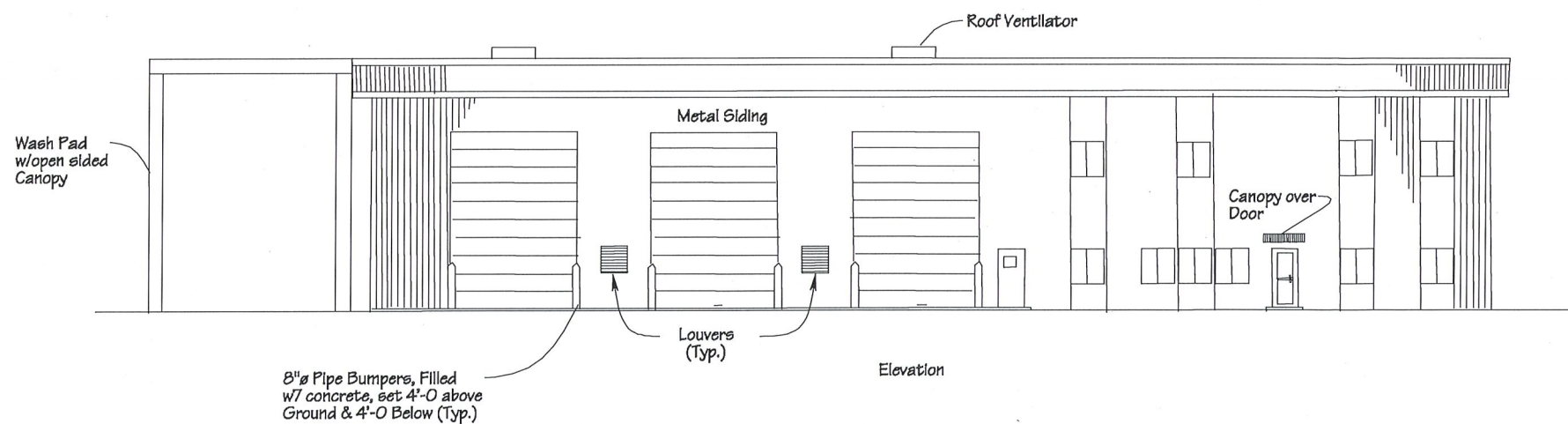


1st Floor Plan

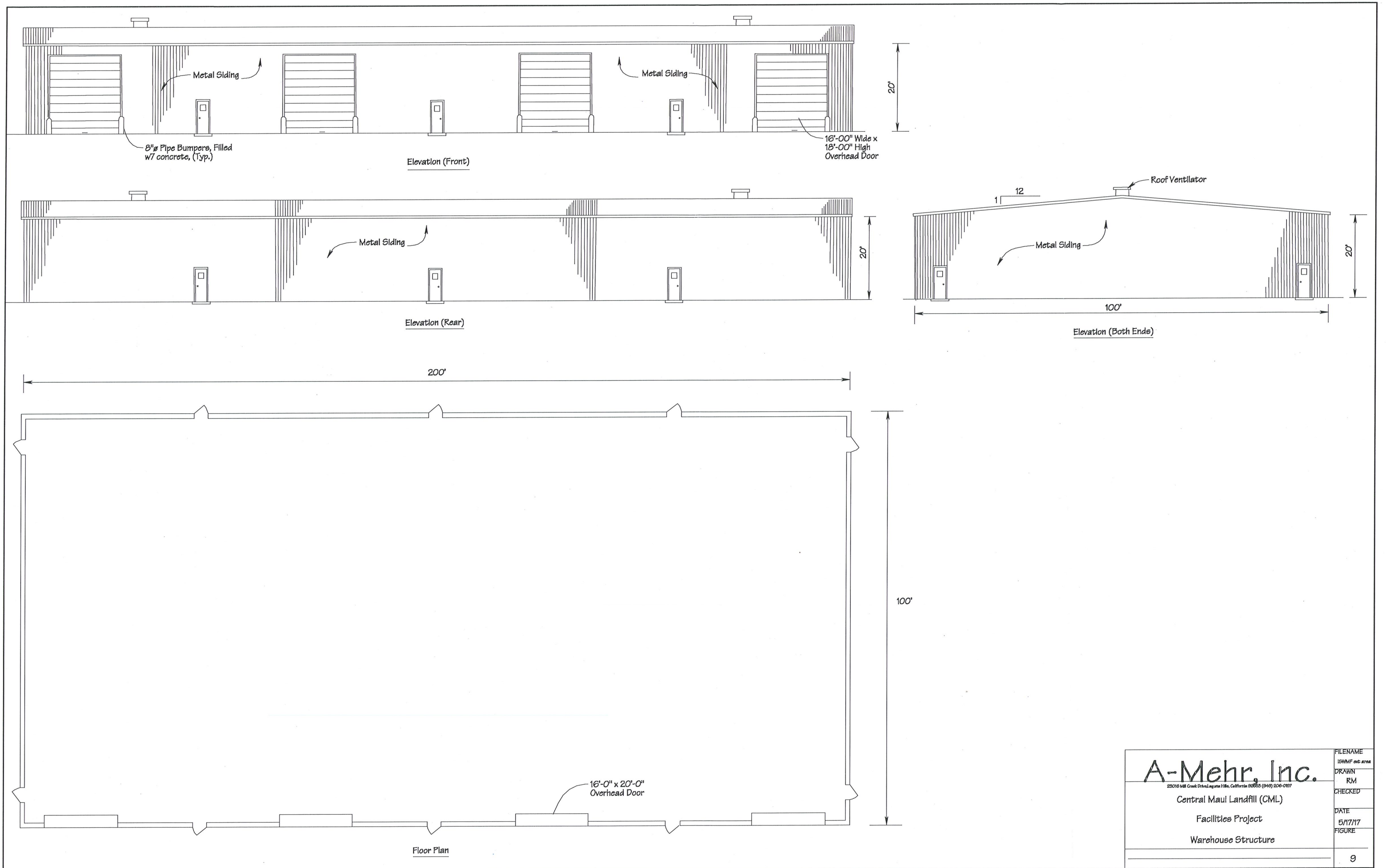


2nd Floor Plan

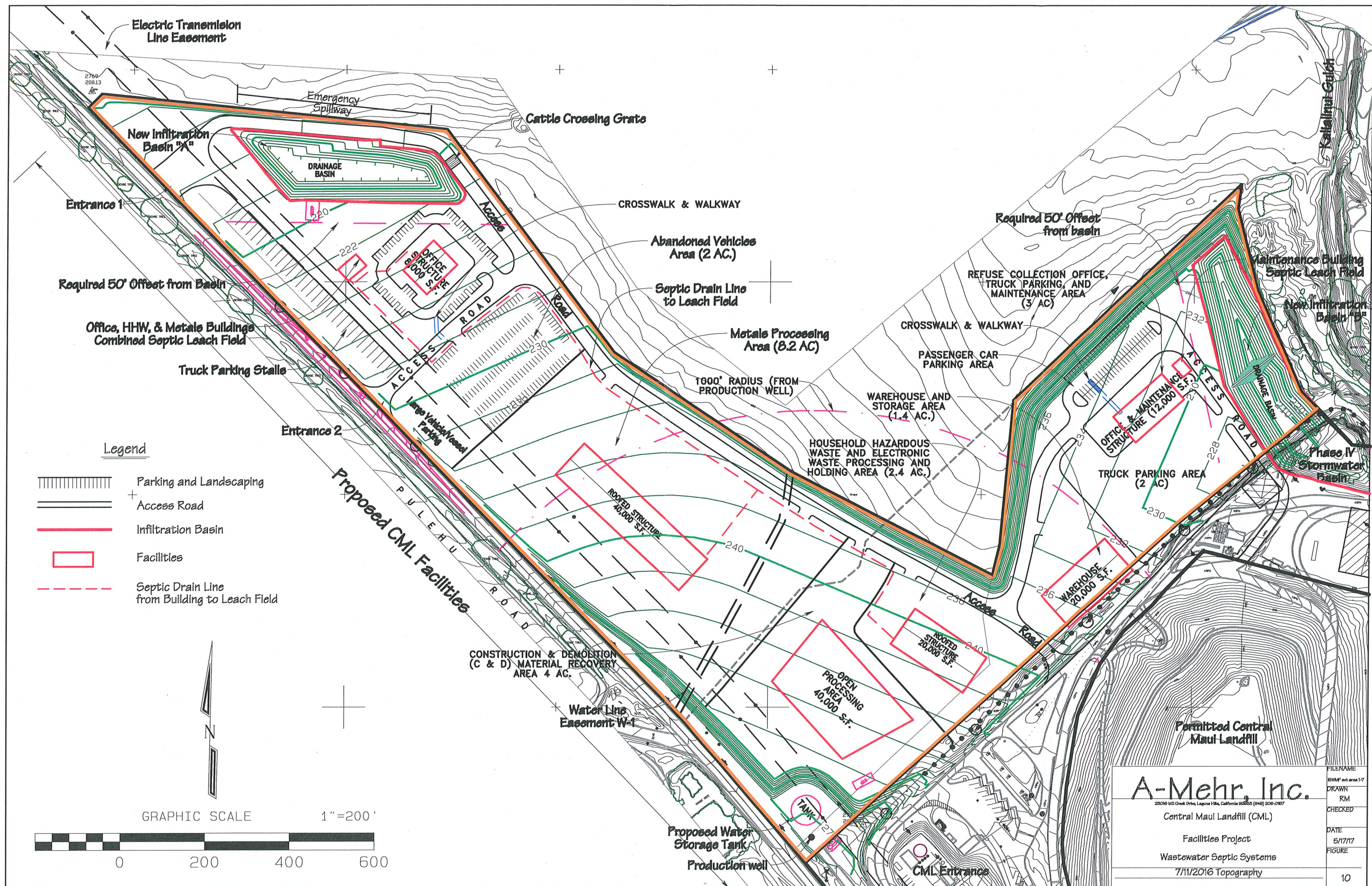
A-Mehr, Inc. <small>25016 Mill Creek Drive, Laguna Hills, California 92653 (949) 206-0127</small> Central Maui Landfill (CML) Facilities Project Refuse Collection Office and Maintenance Structure Floor Plan	FILENAME
	18WMP ext area
	DRAWN
	RM
	CHECKED
	DATE
	5/17/17
	FIGURE
	7



A-Mehr, Inc. 22016 Mill Creek Drive, Laguna Hills, California 92653 (949) 206-0707 Central Maui Landfill (CML) Facilities Project Refuse Collection Office and Maintenance Structure Elevations	FILENAME 15MMF enc a DRAWN RM CHECKED DATE 5/17/17 FIGURE
	8



A-Mehr, Inc. 22016 Mill Creek Drive, Laguna Hills, California 92653 (949) 206-0127 Central Maui Landfill (CML) Facilities Project Warehouse Structure	FILENAME 15WHF.dwg area
	DRAWN RM
	CHECKED
	DATE 5/17/17
	FIGURE
	9



**REASON(S) JUSTIFYING
THE PROPOSED REQUEST**

11

REASON(S) JUSTIFYING THE PROPOSED REQUEST

The Central Maui Landfill was established in 1986 due to its central location with respect to major population centers on Maui, as well as being situated in a rural/agricultural setting that minimizes adverse impacts on urban uses. Excavation of land at the adjacent HC&D LLC quarry creates a large hole in the ground that is ideal for landfilling purposes. As each phase of the quarry operation is concluded, the Central Maui Landfill has expanded into the excavated areas.

The proposed new facilities will be located on approximately 40.8 acres of Parcel 19, on vacant land immediately adjacent to the existing Central Maui Landfill facility, which is permitted through a State Special Permit and County Special Use Permit. Inclusion of the project site will consolidate various solid waste functions and divert waste from the existing landfill as recommended in the County of Maui's 2009 Integrated Solid Waste Management Plan (ISWMP). According to the ISWMP, one of the goals is to reduce the solid waste stream into the landfill by at least 60 percent. To meet this goal to reduce the waste stream at the Central Maui Landfill, the ISWMP recommended implementation of the following improvements and programs to extend the capacity of the landfill:

- Recyclable Materials Recovery
- Construction and Demolition Materials Recovery
- Universal curbside collection of refuse, yard waste, and recyclables program
- Expanded composting
- Improved white goods and bulky item collection program County-wide
- Increased recycling programs for Hāna, Lānaʻi, and Molokaʻi communities
- Increased support and mandates for food waste collection and recycling
- Ordinances and mandates to enforce residential and commercial recycling
- Household hazardous waste collection programs
- Increased support for re-use programs

The proposed expansion of the Central Maui Landfill facilities is supportive of the above recommendations of the ISWMP.

The Central Maui Landfill is the main landfill serving the island of Maui, except for the Hana region which is served by the Hana Landfill. The 2009 ISWMP estimated the landfill had sufficient capacity to the year 2026. Based on the current and projected landfill capacity utilization rates and the most recent surveys of remaining permitted disposal capacity, both currently constructed capacity in Phases IVA through Phase VB plus capacity to be provided by the near term construction of Phase V-B Extension and capacity available to be developed in Phase III (currently occupied by EKO for greenwaste and biosolids composting), the CML has sufficient capacity to operate

through 2030. Without the recommended waste reduction improvements at the landfill or procurement and permitting of additional disposal capacity, the Department of Environmental Management will need to initiate a site selection and construction of a new landfill site before the landfill exhausts its permitted capacity, which is estimated to be approximately the year 2030.

Further, the Maui Island Plan (MIP) includes a portion of the project site on the Urban Growth Boundary and supports efforts to increase diversion of waste away from the landfill as recommended by the ISWMP.

**AMENDMENT TO COUNTY
SPECIAL USE PERMIT
NOTICE OF APPLICATION**

12

AMENDED
NOTICE OF APPLICATION

Date: 2/27/18


TO: Owners/Lessees
(owner/lessee of record)

Please be informed that the undersigned has applied for a County Special Use Permit with the County of Maui, Department of Planning for the following parcel(s):

1. Tax Map Key Number: (2)3-8-003:019 (por.) and 020 (see attached location map)
2. Location (street address): 8100 Pūlehu Road, Pu'unēnē, Maui, Hawai'i
3. Land Use Designations:
State Land Use District: Agricultural
Community Plan: Agriculture, Public/Quasi-Public
County Zoning: Agriculture and Interim
Other: Portion within Urban Growth Boundary of Maui Island Plan
4. Description of the existing use on the Property:
Vacant, former sugar cane land.

5. Description of the proposed use on the Property:

Amend County Special Use Permit (CUP-2008-0003) to amend the boundaries to remove Parcel 20, and, to include 40.8-acre project area (Parcel 19) in order to include development of office; abandoned vehicles area; metals processing area; open construction and demolition material recovery area; household hazardous waste and electronic waste processing and storage area; warehouse building and storage area; refuse collection office, truck parking and maintenance area; drainage basins; and associated infrastructure.

 Stewart Stant, Director
Department of Environmental Management

(Owner/Applicant)



(Signature)

2050 Main Street, Suite 2B
Wailuku, Hawai'i 96793

(Address)

(808) 270-8230

(Telephone)

Colleen Suyama
Munekiyo Hiraga

(Agent)



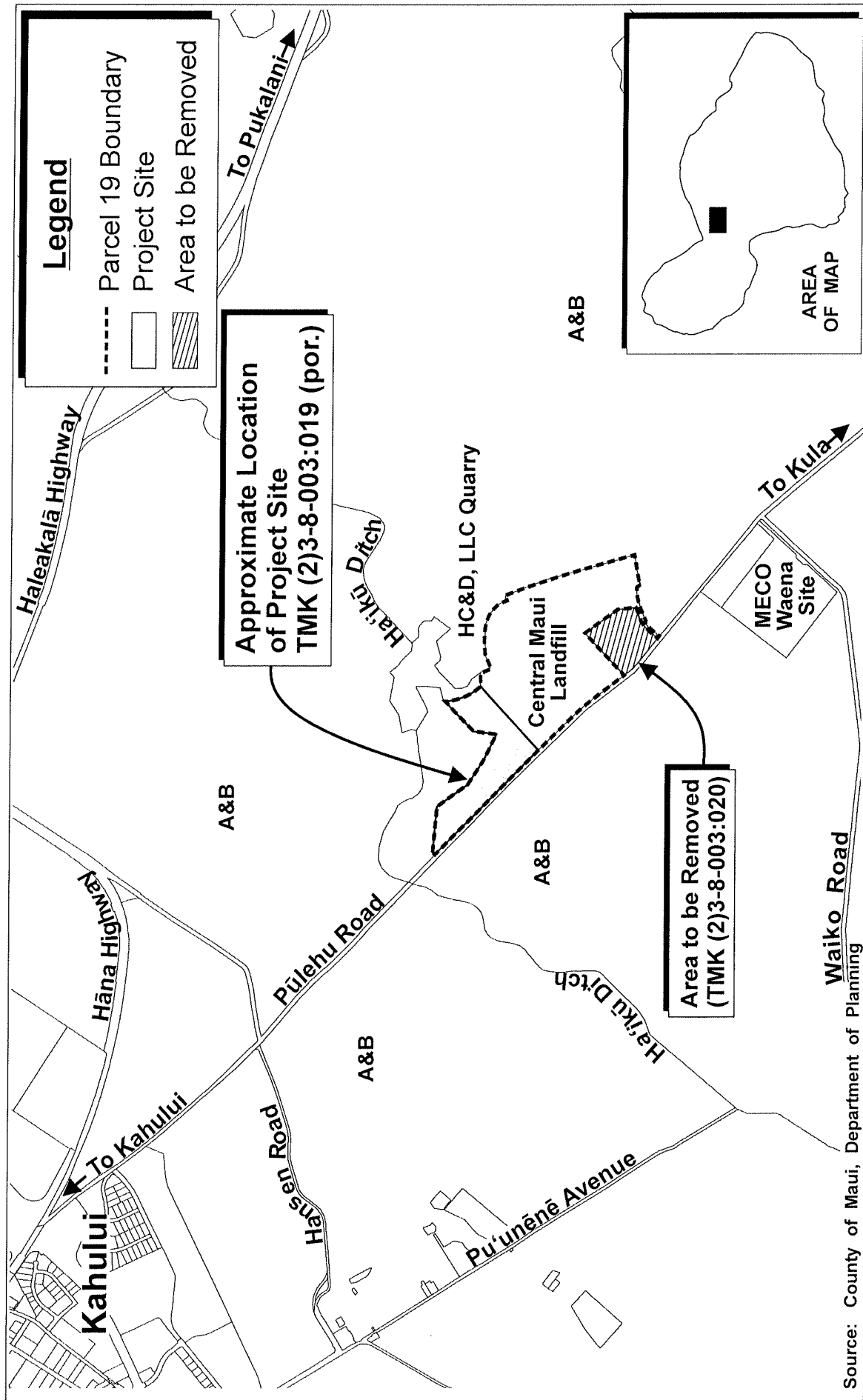
(Signature)

305 High Street, Suite 104
Wailuku, Hawai'i 96793

(Address)

(808) 244-2015

(Telephone)



Proposed Central Maui Landfill Facilities Project Project Location Map



MUNEKIYO HIRAGA

Prepared for: County of Maui, Department of Environmental Management

**AMENDMENT TO COUNTY
SPECIAL USE PERMIT
NOTARIZED AFFIDAVIT OF
MAILING OF NOTICE OF
APPLICATION**


13

NOTARIZED AFFIDAVIT OF MAILING OF NOTICE OF APPLICATION

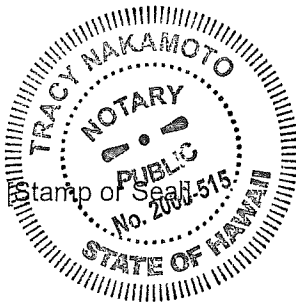
Mark Alexander Roy, being first duly sworn on oath, deposes and says that:

1. Affiant is the applicant for a County Special Use Permit for land situated at 8100 Pūlehu Road, Pu'unēnē, Hawai'i, TMK (2): 3-8-003:019 (por.) and 020
2. Affiant did on February 27, 2018, deposit in the United States mail, postage prepaid, a copy of a Notice of Filing of Application with a location map, a copy of which is attached hereto as "Exhibit A" and made a part hereof, addressed to each of the persons identified in the list of recorded owners and lessees identified as "Exhibit B," attached hereto and made a part hereof.

Further, Affiant sayeth naught.


subscribed and sworn to before me this

27th day of February, 20 18.

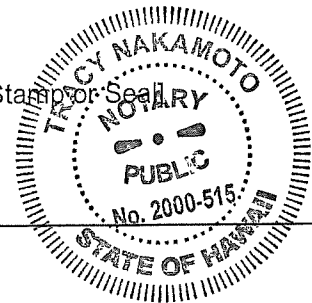



Notary Public, State of Hawaii

Print Name: Tracy Nakamoto

My commission expires: 10/15/2020

NOTARY PUBLIC CERTIFICATION			
Doc. Date:	<u>2/27/18</u>	# Pages:	<u>5</u>
Notary Name:	<u>Tracy Nakamoto</u>	Judicial Circuit:	<u>Second</u>
Doc. Description:			
County of Maui			
Application for County Special Use Permit			
<u>Notarized Affidavit of Mailing of Notice of Application</u>		[Stamp or Seal]	
Notary Signature:	<u>Tracy Nakamoto</u>		
Date:	<u>2/27/18</u>		





MUNEKIYO HIRAGA

Planning. Project Management. Sustainable Solutions.

Michael T. Munekiyo
PRESIDENT

Karlynn K. Fukuda
EXECUTIVE VICE PRESIDENT

Mark Alexander Roy
VICE PRESIDENT

Tessa Munekiyo Ng
VICE PRESIDENT

February 27, 2018

To Adjacent Property Owners

SUBJECT: Application to Amend County Special Use Permit (CUP-2008-0003)
for the Central Maui Landfill at Pūlehu Road, Tax Map Key (2) 3-8-
003:019 (por.) and 020, Pu'unēnē, Maui, Hawai'i

Dear Sir or Madame:

On behalf of the County of Maui, Department of Environmental Management (DEM), our office on January 29, 2018 mailed a Notice of Application informing you that the DEM was filing an application to amend the County Special Use Permit (CUP-2008-0003) for the Central Maui Landfill located at Tax Map Key (2) 3-8-003:019 (por.), Pu'unēnē, Maui, Hawai'i. Since the January mailing, the DEM has revised their application to include a boundary amendment to delete the 19.663-acre Parcel 20 from the County Special Use Permit. As such, the enclosed Amended Notice of Application is being provided to you informing you of this modification to the application.

If additional clarification is required, please contact me at (808) 244-2015.

Very truly yours,

Colleen Suyama
Senior Associate

CS:tn

Enclosure

cc: Elaine Baker, Department of Environmental Management

K:\DATA\COM\DEM C\Maui LF (PHASE I)\Applications\Amend State SP County SUP\CUP NOA Mailing Letter.doc

AMENDED
NOTICE OF APPLICATION

Date: 2/27/18


TO: Owners/Lessees
(owner/lessee of record)

Please be informed that the undersigned has applied for a County Special Use Permit with the County of Maui, Department of Planning for the following parcel(s):

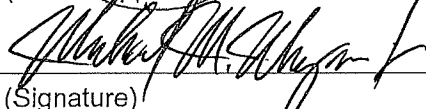
1. Tax Map Key Number: (2)3-8-003:019 (por.) and 020 (see attached location map)
2. Location (street address): 8100 Pūlehu Road, Pu'unēnē, Maui, Hawai'i
3. Land Use Designations:
State Land Use District: Agricultural
Community Plan: Agriculture, Public/Quasi-Public
County Zoning: Agriculture and Interim
Other: Portion within Urban Growth Boundary of Maui Island Plan
4. Description of the existing use on the Property:
Vacant, former sugar cane land.

5. Description of the proposed use on the Property:

Amend County Special Use Permit (CUP-2008-0003) to amend the boundaries to remove Parcel 20, and, to include 40.8-acre project area (Parcel 19) in order to include development of office; abandoned vehicles area; metals processing area; open construction and demolition material recovery area; household hazardous waste and electronic waste processing and storage area; warehouse building and storage area; refuse collection office, truck parking and maintenance area; drainage basins; and associated infrastructure.

 Stewart Stant, Director
Department of Environmental Management

(Owner/Applicant)


(Signature)

2050 Main Street, Suite 2B
Wailuku, Hawai'i 96793


(Address)

(808) 270-8230

(Telephone)

Colleen Suyama
Munekiyo Hiraga

(Agent)


(Signature)

305 High Street, Suite 104
Wailuku, Hawai'i 96793

(Address)

(808) 244-2015

(Telephone)

**TMK LIST OF OWNERS/LESSEES WITHIN 500 FEET OF SUBJECT PROPERTY
CENTRAL MAUI LANDFILL
COUNTY SPECIAL USE PERMIT NOTICE OF APPLICATION MAILING**

#	TMK	NAME	NAME 1	ADDRESS	ADDRESS 2
1	2380010010000	ALEXANDER & BALDWIN LLC	PO BOX 156		KAHULUI HI 96733
2	2380010010000	AMERON H C & D			
3	2380030010000	A & B - HAWAII INC		PO BOX 156	KAHULUI HI 96732
4	2380030040000	ALEXANDER & BALDWIN, LLC	PO BOX 156		KAHULUI HI 96733
5	2380030040000	HC&D LLC	2344 PAHOUNUI DR		HONOLULU HI 96819
6	2380030200000	KOMAR MAUI PROPERTIES I LLC	74-5610 ALAPA STREET		KAILUA KONA HI 96740
7	2380030210000	ALEXANDER & BALDWIN LLC	PO BOX 156		KAHULUI HI 96733
8	2380030210000	AMERON H C & D			
9	2380030210000	COUNTY OF MAUI			
10	2380030210000	HC&D LLC	2344 PAHOUNUI DR		HONOLULU HI 96819
11	2380030250000	NOT ON FTP SITE			

EXHIBIT 8

**AMENDMENT TO COUNTY
SPECIAL USE PERMIT
LONG RANGE DIVISION
PROJECT DATABASE**

14

LONG RANGE DIVISION – PROJECT DATABASE

PROPOSED PROJECT DATA SUMMARY SHEET

Applicant: Please complete this two (2) sided form. Complete only those items that are appropriate to your application(s). If you have any questions, please contact the *Long Range Planning Division* at 270-7214.

Date:	Project Name (if applicable): Proposed Central Maui Landfill Facilities Project
Applicant's Name: Stewart Stant, Director Department of Environmental Management	What permits are you applying for? Amendments to State Special Permit and County Special Use Permit
Property Tax Map Key (TMK) number: (2)3-8-003:019(por.) and 020	Please give us a brief summary of your project, including the existing and proposed uses: Expansion of the Central Maui Landfill to include an office, abandoned vehicles area; metals processing area; open construction and demolition material recovery area; household hazardous waste and electronic waste processing and storage area; warehouse building and storage area; refuse collection office truck parking and maintenance area; drainage basins; and associated infrastructure.
Contact Phone Number: 270-8230	
E-mail Address: environmental.mgmt@co.maui.hi.us	Developer Name: County of Maui Department of Property Owner Name: Environmental Management

Residential Projects: Single-Family and Multi-Family **Not Applicable**

1. How many single family units (i.e., individual detached homes) are you building? _____
 a. Will accessory dwellings (i.e., ohanas) be permitted? If yes, how many? _____
2. How many multi-family units (i.e., condo, apartment, or townhouse) are you building? _____
3. Are you subdividing your property? _____ ☐ Yes ☐ No
 a. If yes, how many buildable lots are you requesting to create? _____
4. How many acres, or square feet, are at the project site? _____
5. If only a portion of the property is going to be used for this project, how many acres or square feet will be used just for the project area? _____
6. Will this project require land use amendments? Please check ☒ all that apply and indicate the proposed change:

a. Change in Zoning (CIZ) from:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Sure	to: _____
b. Community Plan Amendment from:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Sure	to: _____
c. State Land Use District Boundary Amendment (DBA) from:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Sure	to: _____
7. Will you be selling any of the units as "affordable" as defined under the Housing and Urban Development guidelines? ☐ Yes ☐ No ☐ Not Sure
 a. If yes, how many of the units, or percentage of units, will fall under this category? _____
8. From the date of filing the application with the Planning Department, how long do you estimate the project to reach complete build-out? Please check ☒ one (1) box.

<input type="checkbox"/> 0 - 5 years
<input type="checkbox"/> 6 - 10 years
<input type="checkbox"/> 11 - 15 years
<input type="checkbox"/> 16 - 20 years
<input type="checkbox"/> 21+ years

Industrial/Commercial Projects **Not Applicable**

1. Will this project be used for (please list all that apply by indicating the amount of square footage proposed):

a. Retail purposes:	_____
b. Office space/lease:	_____
c. Industrial purposes:	_____

continued on next page...

PROPOSED PROJECT DATA SUMMARY SHEET

Visitor Accommodations

Not Applicable

Hotels and Timeshares

1. Will this project have hotel units? ☐ Yes ☐ No
 a. If yes, how many hotel units/rooms are proposed? _____
2. Will this project have timeshare units? ☐ Yes ☐ No
 a. If yes, how many timeshare units/rooms are proposed? _____
3. Will there be "lock-off" units (i.e., a unit which can be partitioned to create two separate units)? ☐ Yes ☐ No
 a. If yes, how many units will have "lock-off units"? _____

Bed and Breakfast (B&B) and Transient Vacation Rentals (TVRs)

1. Will (any of) the unit(s) be owner occupied? ☐ Yes ☐ No
2. How many bedrooms are proposed for rental? ☐ Yes ☐ No

☐ one (1) bedroom
☐ two (2) bedrooms
☐ three (3) bedrooms

☐ four (4) bedrooms
☐ 5+ bedrooms
☐ entire unit (i.e., condo/house/accessory dwelling)
3. Will this project be newly constructed? ☐ Yes ☐ No

**DRAFT ENVIRONMENTAL
ASSESSMENT**

15

Draft Environmental Assessment

PROPOSED CENTRAL MAUI LANDFILL FACILITIES PROJECT, PU‘UNĒNĒ, MAUI, HAWAI‘I (TMK (2)3-8-003:019 (por.))

Prepared for:

**County of Maui,
Department of Environmental Management**

February 2018

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by Munekiyo Hiraga**



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List of Acronyms

A&B	Alexander & Baldwin, Inc.
AAR	Archaeological Assessment Report
ac	asphaltic concrete
AFNSI	Anticipated Finding of No Significant Impact
ALISH	Agricultural Lands of Importance to the State of Hawai'i
AM	Morning
amsl	above mean sea level
BMP	Best Management Practice
C&D	Construction and Demolition
cy	cubic yards
cfs	cubic feet per second
CIP	Capital Improvement Project
CML	Central Maui Landfill
CO	Carbon Monoxide
COM	County of Maui
CUP	County Special Use Permit
CZM	Coastal Zone Management
DA	U.S. Department of the Army
DBEDT	Department of Business, Economic Development, and Tourism
DEM	Department of Environmental Management
DFIRM	Digital Federal Insurance Rate Map
DLNR	Department of Land and Natural Resources
DOA	Department of Agriculture
DOE	Department of Education
DOH	Department of Health
DWS	Department of Water Supply
EA	Environmental Assessment
EIS	Environmental Impact Statement
GPD	Gallons per Day
HAR	Hawai'i Administrative Rules
HC&D	Honolulu Construction and Draying Co., Ltd.
HC&S	Hawaiian Commercial & Sugar Company
HCC	Hawaiian Commercial Company
HCZMP	Hawai'i Coastal Zone Management Program
HHW	Household Hazardous Waste
HRS	Hawai'i Revised Statutes
IAL	Important Agricultural Land
ISWMP	Integrated Solid Waste Management Plan
IWS	Individual Wastewater System
LCA	Land Court Award
LOS	Level of Service
LSB	Land Study Bureau
MCC	Maui County Code
MECO	Maui Electric Company, Ltd
MIP	Maui Island Plan
MPC	Maui Planning Commission

MPD	Maui Police Department
mph	miles per hour
MRF	Materials Recovery Facility
MuB	Molokai Silty Clay Loam
NAS	Naval Air Station
NOX	Nitrogen Dioxide
NPDES	National Pollutant Discharge Elimination System
OP	Office of Planning
PER	Preliminary Engineering Report
PM	Particulate Matter
P.M.	Afternoon
RGB	Rural Growth Boundary
SCS	Scientific Consultant Services, Inc.
SHPD	State Historic Preservation Division
SLUC	State Land Use Commission
SMA	Special Management Area
SP	State Special Permit
STB	Small Town Boundary
TIAR	Traffic Impact Assessment Report
TMK	Tax Map Key
UGB	Urban Growth Boundary
USACE	U.S. Army Corps of Engineers
USDA	U.S. Department of Agriculture
USFWS	U.S. Fish and Wildlife Service
WeB	Waiakoa Silty Clay Loam
WeC	Waiakoa Silty Clay Loam
WQC	Water Quality Certification

Executive Summary

Project Name:	Proposed Central Maui Landfill Facilities Project
Type of Document:	Draft Environmental Assessment
Legal Authority:	Chapter 343, Hawai'i Revised Statutes
Anticipated Determination:	Anticipated Finding of No Significant Impact (AFONSI)
Applicable Environmental Assessment review "Trigger":	Use of County Lands and Funds
Location:	Tax Map Key (2)3-8-003:019 (por.) Wailuku District 8100 Pūlehu Road, Pu'unēnē, Hawai'i
Owner/Applicant:	County of Maui Department of Environmental Management 2050 Main Street, Suite 2B Wailuku, Hawai'i 96793 Contact: Stewart Stant, Director Phone: (808) 270-8230
Approving Agency:	County of Maui Department of Environmental Management 2050 Main Street, Suite 2B Wailuku, Hawai'i 96793 Contact: Stewart Stant, Director Phone: (808) 270-8230
Consultant:	Munekiyo Hiraga 305 High Street, Suite 104 Wailuku, Hawai'i 96793 Contact: Colleen Suyama, Senior Associate Phone: (808) 244-2015
Project Summary:	The Department of Environmental Management (DEM) currently operates the Central Maui Landfill in Pu'unēnē, Maui. The landfill has been in operation since 1986.

The DEM proposes to develop the following solid waste management facilities on the project site in order to centralize its facilities and operations to increase efficiency:

1. Office
2. Abandoned vehicles area
3. Metals processing area
4. Open construction and demolition material recovery area
5. Household hazardous waste and electronic waste processing and holding area
6. Warehouse building and storage area
7. Refuse collection office, truck parking, and maintenance area
8. Drainage basins
9. Associated infrastructure

The Central Maui Landfill parcel is within the State “Agricultural” District and is zoned “Agriculture” and “Interim” by Maui County. The facility is operating under State Special Permits (SPs) granted by the State Land Use Commission and a County Special Use Permit (CUP) granted by the Maui Planning Commission. The proposed project will require amendments to the SP and CUP.

The need for preparation of a Chapter 343, Hawai‘i Revised Statutes (HRS) Environmental Assessment (EA) is triggered by use of County lands and funds. The EA will serve as the supporting document for the SP and CUP amendment processes for the proposed project. This EA has been prepared to document the proposed project’s technical characteristics, environmental impacts of the proposed project, mitigation measures, and alternatives. The DEM will serve as the proposing and determination agency for the EA.

PROJECT OVERVIEW



I. PROJECT OVERVIEW

A. PROJECT LOCATION, EXISTING USES, AND LAND OWNERSHIP

The County of Maui, Department of Environmental Management (DEM) is proposing to improve its facilities at the Central Maui Landfill (CML) on approximately 40.8 acres of a larger approximate 180 acres of County-owned parcel located at Tax Map Key (2) 3-8-003:019 (por.) (Parcel 19), 8100 Pūlehu Road in Pu'unēnē. The proposed facilities will be located on the north side of Pūlehu Road between Kahului and Kula. See **Figure 1** and **Figure 2**. The project site was formerly utilized for sugar cane cultivation and is currently vacant.

The project site is bounded by agricultural lands owned by Hawaiian Commercial and Sugar Company (HC&S). HC&S ended its sugar cane cultivation operations at the end of 2016. Northeast of the project site is HC&D, LLC Quarry operation. Also, nearby and across Pūlehu Road is the future Waena Generation Facility for Maui Electric Company, Ltd. (MECO). Refer to **Figure 1**.

B. BACKGROUND AND PROPOSED ACTION

The DEM currently operates the CML on a portion of Parcel 19. The landfill has been in operation since 1986 through State Land Use Commission (SLUC) Special Permits encompassing approximately 126 acres of Parcel 19. The proposed expansion of the CML will increase the CML property by approximately 32 percent.

The DEM proposes to expand their integrated solid waste management and recycling/diversion facilities on the expanded CML property, which will serve to reduce the amount of waste entering the landfill. See **Figure 3**. The proposed facilities will include the following:

1. Office (see **Figure 4**)
2. Abandoned vehicles area
3. Metals processing area (see **Figure 5**)
4. Open construction and demolition material recovery area
5. Household hazardous waste and electronic waste processing and storage area (see **Figure 6**)
6. Warehouse building and storage area (see **Figure 7**)
7. Refuse collection office, truck parking, and maintenance area (see **Figure 8**)

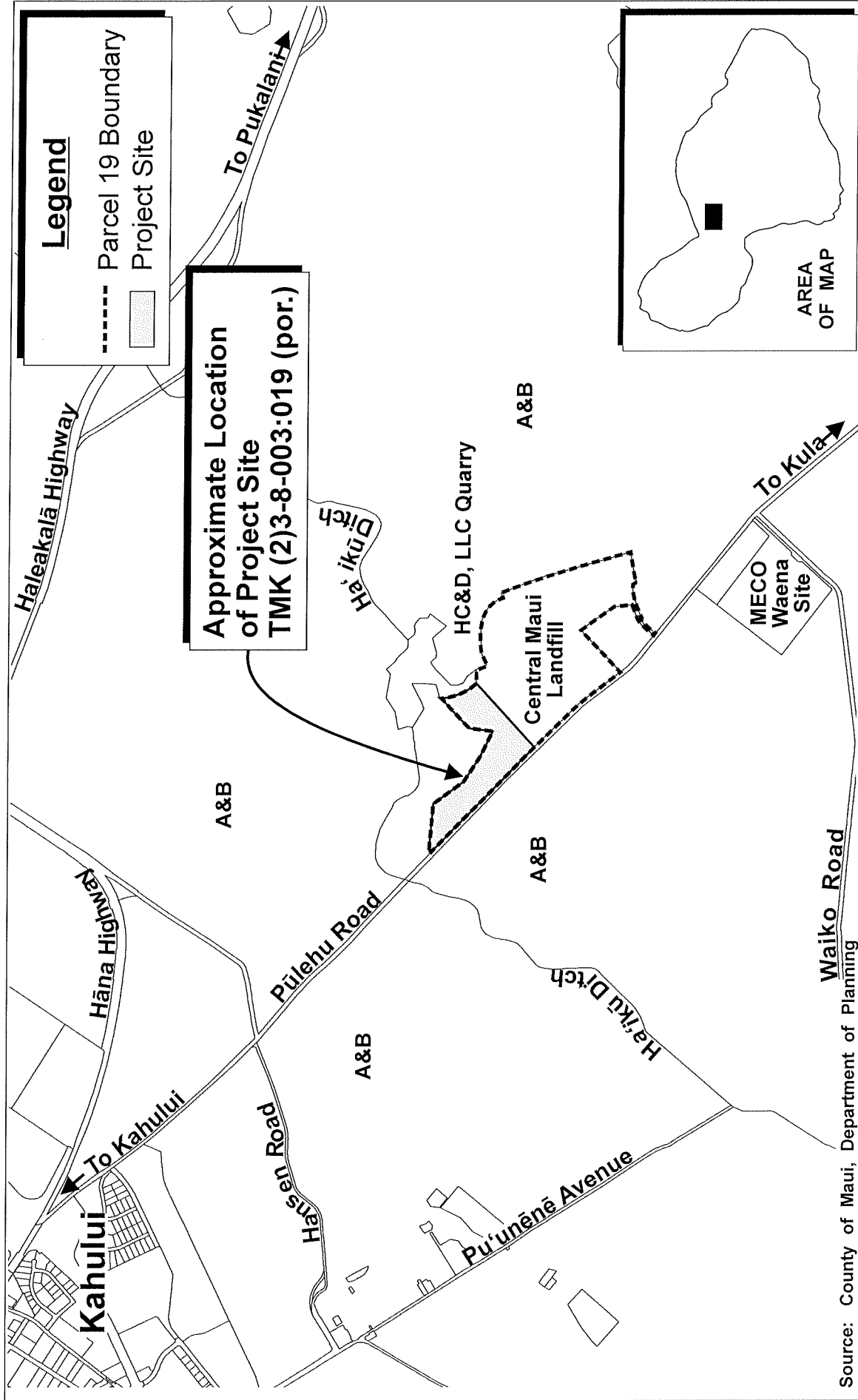


Figure 1 Proposed Central Maui Landfill Facilities Project
Project Location Map



Prepared for: County of Maui, Department of Environmental Management



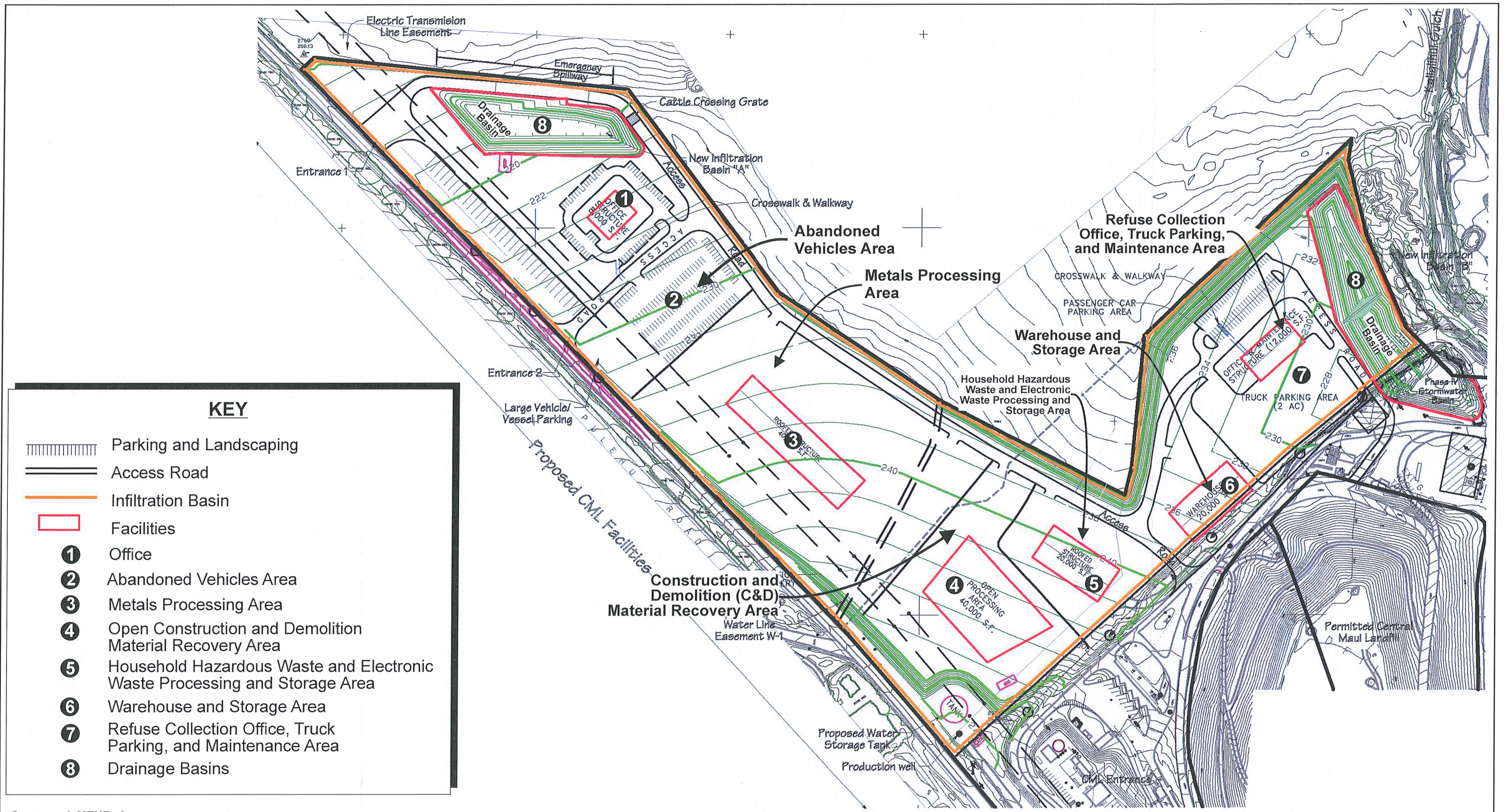
Source: Imagery 2016, Google, Map Data

Figure 2 Proposed Central Maui Landfill Facilities Project Aerial Map

NOT TO SCALE



Prepared for: County of Maui, Department of Environmental Management



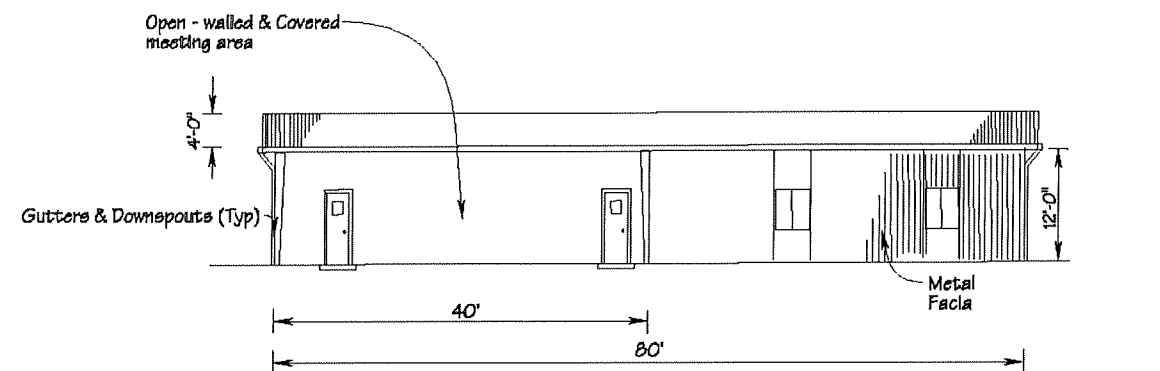
Source: A-MEHR, Inc.

Figure 3

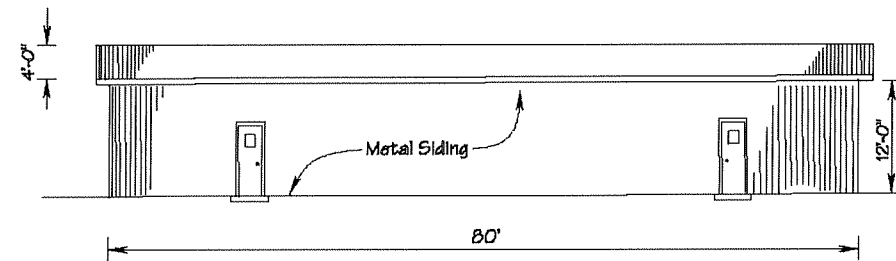
Proposed Central Maui Landfill Facilities Project Conceptual Site Plan

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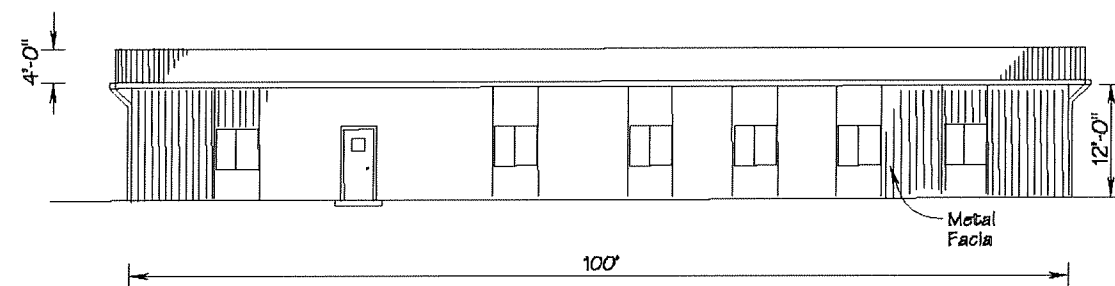




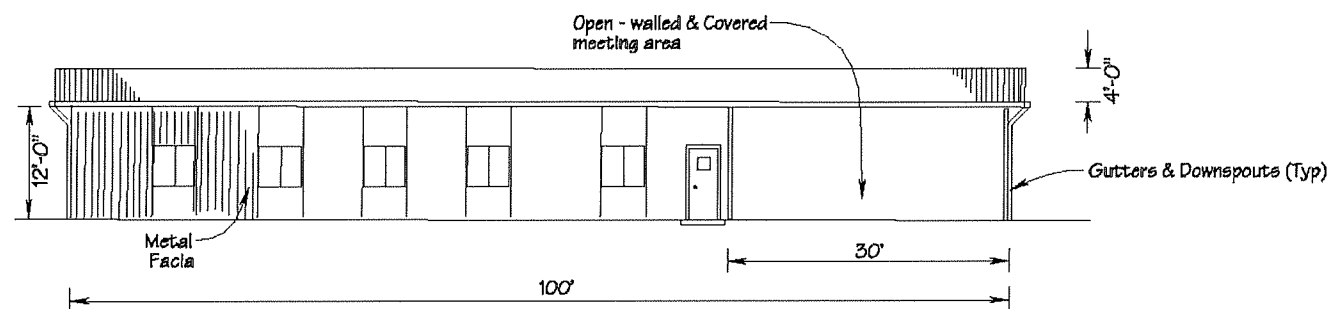
Front Elevation



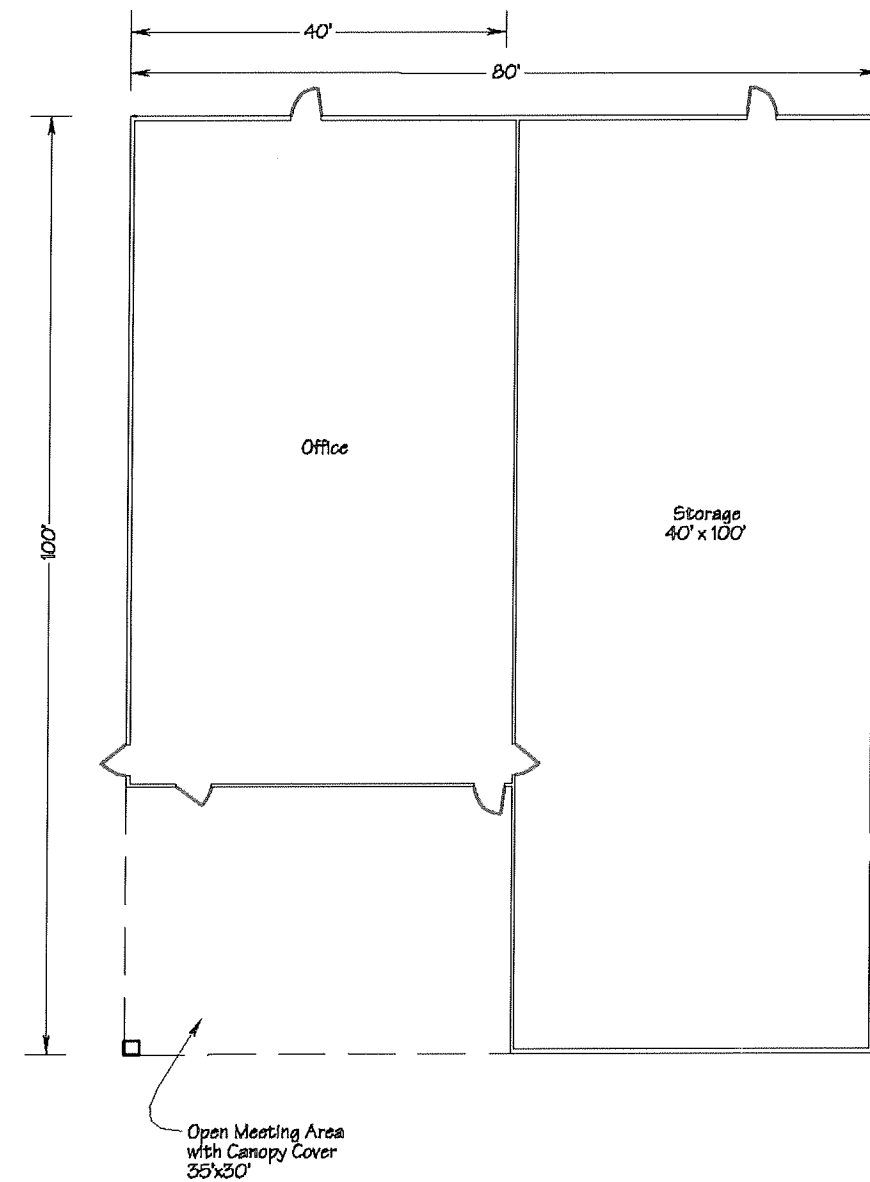
Rear Elevation



Right Side Elevation



Left Side Elevation

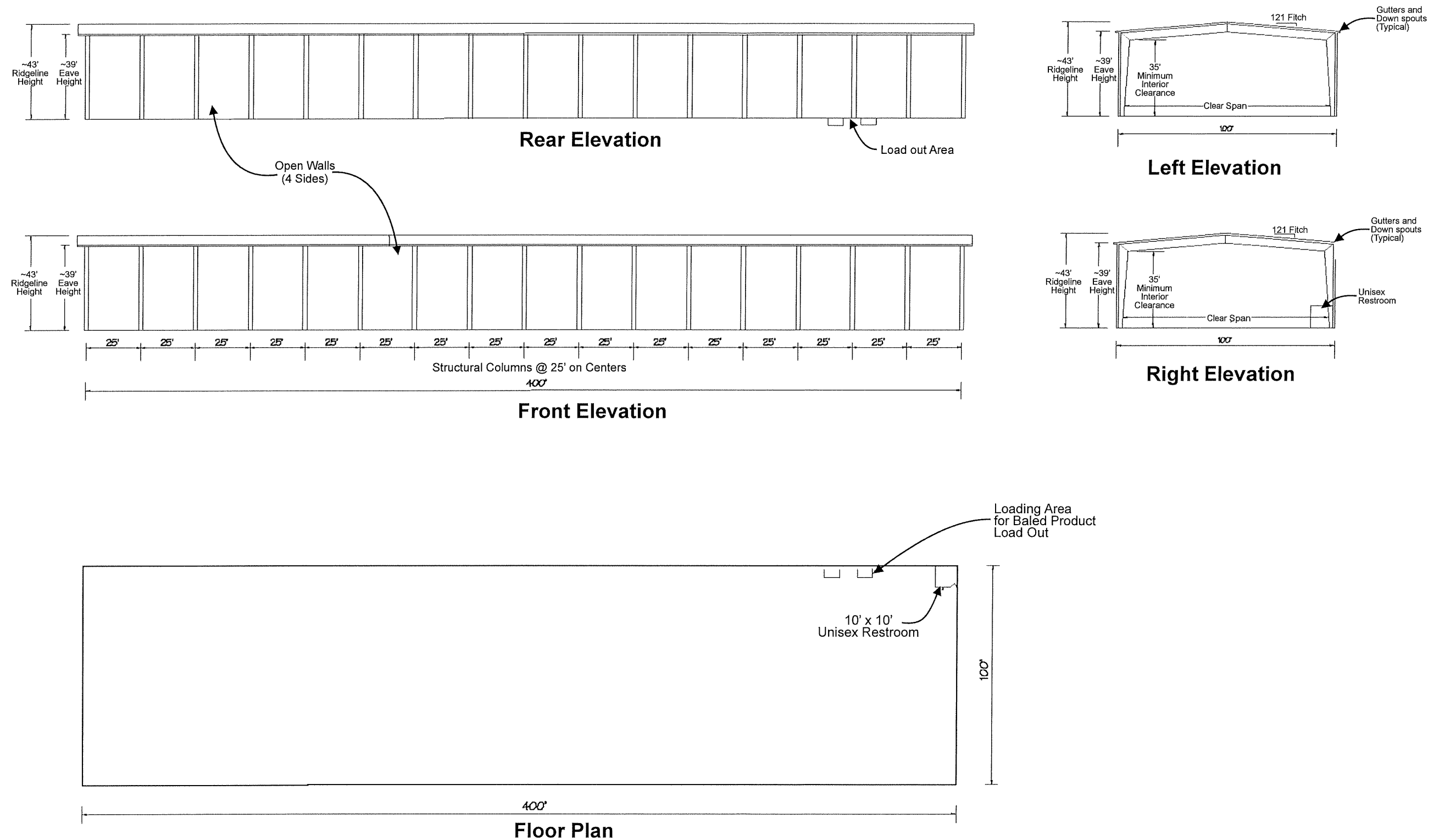


Source: A-MEHR, Inc.

Figure 4

Proposed Central Maui Landfill Facilities Project Conceptual Office Building

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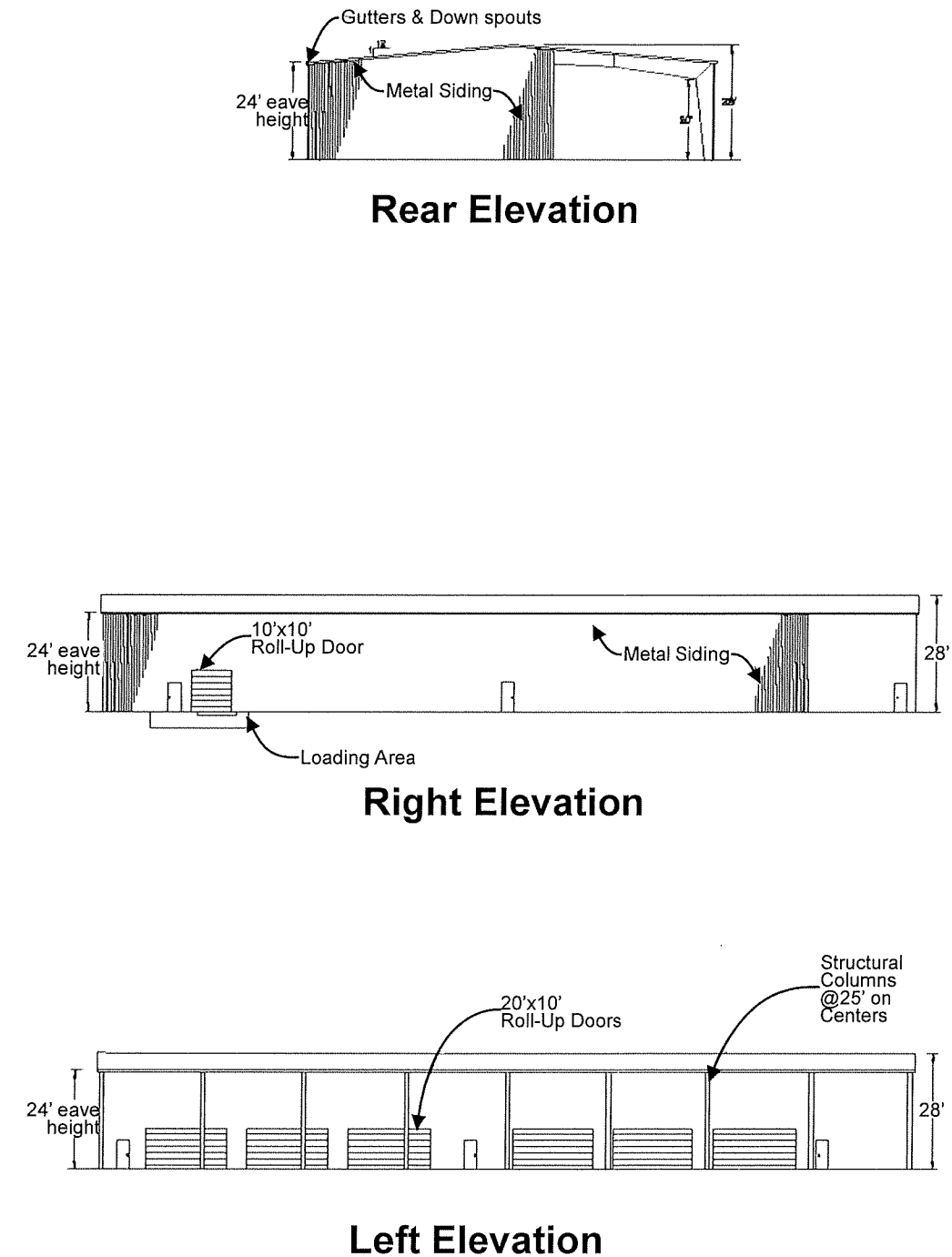
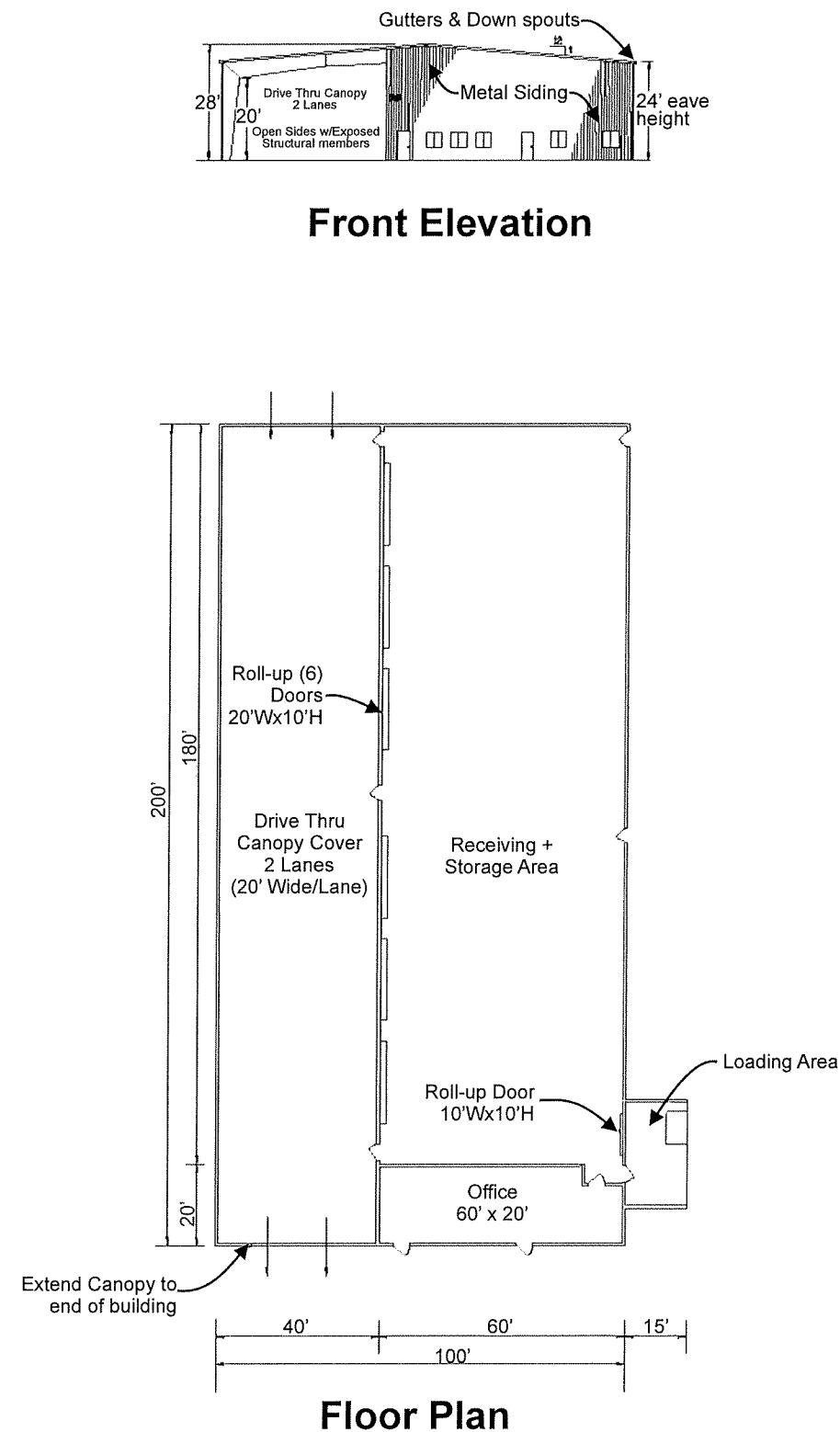


Source: A-MEHR, Inc.

Figure 5

Proposed Central Maui Landfill Facilities Project Conceptual Metals Processing Building

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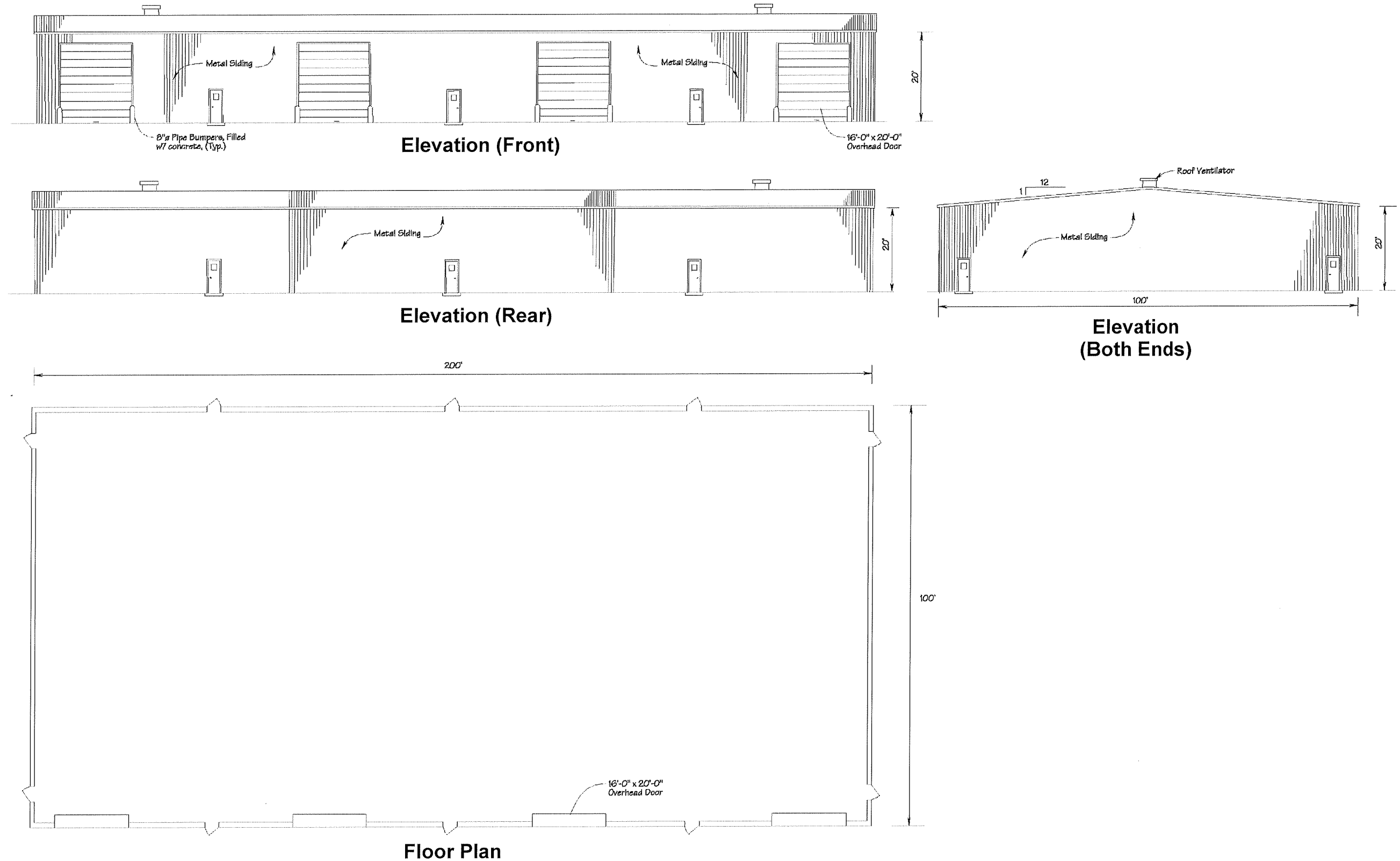


Source: A-MEHR, Inc.

Figure 6

Proposed Central Maui Landfill Facilities Project Conceptual Household Hazardous Waste and Electronic Waste Processing and Storage Area

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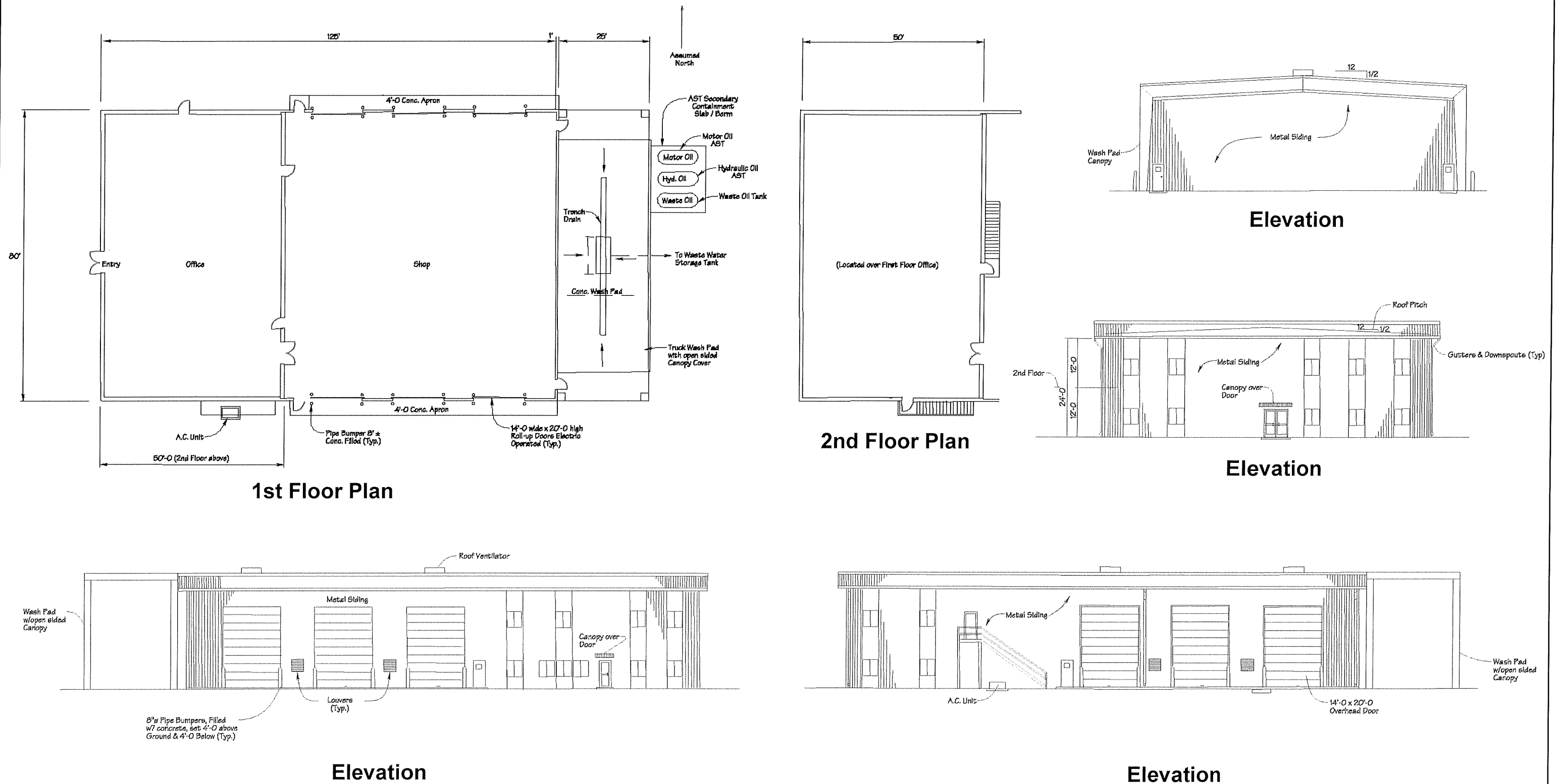


Source: A-MEHR, Inc.

Figure 7

Proposed Central Maui Landfill Facilities Project Conceptual Warehouse Building

NOT TO SCALE



Source: A-MEHR, Inc.

Figure 8

Proposed Central Maui Landfill Facilities Project Conceptual Refuse Collection Office and Maintenance Area

NOT TO SCALE

8. Drainage basins
9. Associated infrastructure

The above referenced facilities are further described below:

Abandoned Vehicles Area

This area will function as a storage area to accommodate abandoned vehicles until such time the means of their final disposal is determined. Periodically, the program will conduct public auctions to put the vehicles back into circulation and prevent their disposal as scrap. Vehicles not purchased will be recycled either through a third party scrap metal processor or through the adjacent Metals Processing Area.

Metals Processing Area

This facility will take the abandoned vehicles not purchased and process it as scrap metal, as well as the processing of other scrap metals, such as white goods and scrap recovered at the adjacent C&D material recovery area.

Open Construction and Demolition Material Recovery Area

This facility will accommodate the receipt, processing, and storage of recyclable materials from construction and demolition wastes. Processing utilizes heavy equipment to separate and segregate bulky materials and feed non-bulky items into sorting equipment that may include manual sort lines and mechanical screens. Large items of concrete, asphalt, and rock (inerts) will be stockpiled and periodically crushed to permit re-use.

Metals recovered are planned to be recycled either through a third party scrap metal processor or through the adjacent Metal Processing Area. Wood (including woody vegetative materials) recovered is planned to be directed to the EKO Compost facility adjacent to the CML facility for processing into compost and soil amendments. Soils recovered are to be utilized as cover at the CML. Inerts recovered are to be utilized as road base at the CML.

Household Hazardous Waste and Electronic Waste Processing and Holding Storage Area

This facility will accommodate the receipt, management, storage, and outgoing transportation of household hazardous waste and electronic waste collected from County residents. The enclosed facility will handle waste, as necessary, store waste by different types of waste, and transport waste to appropriate offsite waste recycling/re-use facilities or disposal sites.

C. LAND USE ENTITLEMENTS

The CML is located within the State “Agricultural” District and was established by State Land Use Special Permits (SPs) by action of the State of Hawai‘i, Land Use Commission (SLUC). See **Appendix “A”**. A chronology of SPs granted for the CML is identified in **Table 1**.

Table 1. Chronology of State Special Permits for Central Maui Landfill

	D&O Date	Permit #	LUC Motion Date	Area	Description
SP86-359	1986, July 21	SP86-359	1986, May 14	55 acres	TMK (2)3-8-003:18, 19 and 4 (por.) Establish landfill, weigh station and access road. No time limit.
	2006, Jan 9	1 st Amend	2005, Dec. 1	No expansion	TMK (2)3-8-003:18, 19 and 4 (por.) Add special waste, such as biofuels and greenwaste composting (Phase III) on 10 acres of the 55 acres on Parcel 19.
SP97-390	1997, July 21	SP97-390	1997, June 26 and July 17	29.340 acres	TMK (2)3-8-003:4 (por.) Expansion of landfill. Permit valid for 10 years.
	2002, May 13	1 st Amend	2002, March 21	No expansion of area	TMK (2)3-8-003:25 and 4 (por.) Add new entrance facility and related improvements on 5.3 acres of SP area. Permit Valid until July 21, 2007.
	2004, Dec. 14	2 nd Amend	2004, Nov. 5	No expansion of area	TMK (2)3-9-003:4 (por.) and 25, Site plan modification on 1.395-acre portion of SP area, and time extension to initiate construction.
	2009, Mar 23	3 rd Amend	2009, Feb. 19	41.2 acres expansion (70.54 acres total)	TMK (2)3-8-003:4 (por.), 20 (por.) and 21 (por.). Expansion of landfill, add composting and quarrying related uses, transfer of permit, and time extension. Permit valid until October 31, 2018.

State Special Permit SP86-359 granted by the SLUC on May 14, 1986 established the CML on approximately 55 acres consisting of a sanitary landfill, weigh station, and access road on TMK (2)3-8-003:18, 19 and 04 (por.). This first permit did not include

any time limits. This Special Permit was amended on December 1, 2005 to include processing of special waste into marketable materials, such as biodiesel and compost on 10 acres of the 55 acres of Parcel 19. Refer to **Appendix “A”**.

In 1997, the LUC granted approval of SP97-390 for a 29.340 acres expansion to the landfill on a portion of Parcel 4 and to operate the landfill on the site. This permit was valid for ten (10) years from the date of issuance of the Decision and Order on July 21, 1997, or until July 21, 2007. A first amendment to SP97-390 was granted by the SLUC on March 21, 2002 to construct and operate a new entrance facility and related improvements on 5.3 acres of the SP area.

On November 5, 2004 the SLUC granted approval of a second amendment to SP97-390 for a site plan modification of the landfill site plan on approximately 1.395 acres of a portion of the SP area, and time extension to initiate construction. In 2008 the DEM filed the third request for amendment requesting a ten (10) year time extension, expanding the Landfill site by 41.2 acres and transferring the permit from the Department of Public Works to DEM. The SLUC granted the amendment and extended the time limit ten (10) years or until October 31, 2018. The third amendment included Tax Map Key (2)3-8-003:021. Refer to **Appendix “A”**. A condition of approval requires submittal of annual reports. The last annual report was filed for 2017. See **Appendix “A-1”**.

In 2008 the DEM also submitted a County Special Use Permit (CUP) application for 70.5 acres within the County Agricultural District. The CUP was required in order to meet amendments to the Maui County Code affecting the County Agricultural District. Since issuance of SP97-390, the County Agricultural District zoning was amended to require a CUP for special uses requiring a State SP over 15 acres. On October 28, 2008 the Maui Planning Commission (MPC) granted the CUP for the landfill involving 70.5 acres on TMK (2)3-8-003:4 (por.), 20 (por.) and 25. The CUP (CUP 2008/003) is valid until October 28, 2028. See **Appendix “B”**.

In 2011, the various Tax Map Parcels of the CML were consolidated and resubdivided to include the project site comprising of approximately 180 acres identified as Tax Map Key (2)3-8-003:019. The land area of the existing CML facilities is approximately 126 acres of the 180 acres.

Following consultation with the SLUC and Department of Planning staff, it has been determined that the proposed project will require amendments to the SP 97-390 and CUP 2008/003. Applications will be filed with the County of Maui Department of Planning to request amendments to these permits. The amendments to SP 97-390 and CUP 2008/003 will increase the land area, as well as allow other related uses at the CML. The SP amendment will require approval of the SLUC and the CUP amendment will require approval of the MPC. It is noted that the request to amend SP 97-390 will also include a time extension beyond the current deadline.

D. CHAPTER 343, HAWAI'I REVISED STATUTES

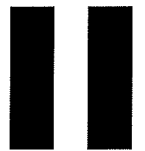
The proposed project will utilize County lands and funds, which are triggers for the preparation of an Environmental Assessment (EA), pursuant to Chapter 343, Hawai'i Revised Statutes (HRS). The DEM will serve as the proposing and determination agency. See **Appendix "C"**.

This EA has been prepared pursuant to Chapter 343, HRS and Chapter 11-200 Environmental Impact Statement (EIS) Rules, Hawai'i Administrative Rules (HAR), and evaluates the potential impacts of the proposed project, describes proposed mitigation measures, discloses cumulative and secondary impacts, and describes alternatives to the proposed action considered.

E. PROJECT COST AND TIME SCHEDULE

The construction cost of the proposed project is estimated at \$31.4 million and is anticipated to be completed by 2020. Project completion is subject to obtaining all necessary permits and the availability of funding.

**DESCRIPTION OF THE EXISTING
ENVIRONMENT, POTENTIAL
IMPACTS, AND PROPOSED
MITIGATION MEASURES**



II. DESCRIPTION OF THE EXISTING ENVIRONMENT, POTENTIAL IMPACTS, AND PROPOSED MITIGATION MEASURES

A. PHYSICAL SETTING

1. Surrounding Land Uses

a. Existing Conditions

The project site is located between Kahului Town and the Kula region on the northeast side of Pūlehu Road. The project site consists of approximately 40.8 acres of a larger approximate 180-acre parcel. The existing Central Maui Landfill (CML) occupies approximately 126 acres of Parcel 19 and is located immediately adjacent to the southeast project site boundary. The proposed expansion would increase the land area of the CML facility by approximately 32 percent. The former sugar cane land of Hawaiian Commercial and Sugar Company (HC&S) surround the project site. HC&S ceased its sugar cane operations at the end of 2016. Northeast of the project site is the HC&D, LLC Quarry operations, which operates in the State "Agricultural" District under a State Special Permit (SP). Refer to **Figure 1**.

b. Potential Impacts and Proposed Mitigation

The CML has been at its location adjacent to the former sugar cane fields since 1986 and the former agricultural use co-existed with the landfill operations. The proposed expansion will not change the existing landfill use and is not expected to impact agricultural operations that may occur in the future. Further, the project's isolation from population areas surrounded by a large expanse of undeveloped land is expected to minimize its impact on residents from noise, dust, and odors that may occur during operation of the proposed facilities.

2. Climate

a. Existing Conditions

Like most areas of Hawai'i, Maui's climate is relatively uniform year-round. Maui is characterized by a semi-tropical climate containing a multitude of individual microclimates. Pu'unēnē experiences mild and uniform temperatures, moderate humidity, and a relatively consistent

trade wind. Temperatures (based on readings taken at Kahului Airport) range from an average daily low of 67.3 degrees Fahrenheit to an average daily high of 83.8 degrees. The warmest month is September, while February is the coolest month. A high proportion of the rainfall that Maui receives each year falls on northeast facing shores, leaving the central isthmus and southern coastal areas relatively dry. The annual average rainfall in the vicinity of the project site (based on readings taken at Kahului Airport) amounts to approximately 18.23 inches. In the Kahului region, January is historically the wettest month, while June is the driest. On average there are 95 days per year with more than 0.01 inch of rain in Kahului (County of Maui, Office of Economic Development, 2015).

b. Potential Impacts and Mitigation Measures

From an environmental standpoint, replacement of vegetative surfaces with hardscapes associated with roadways, paved parking areas, and buildings may yield slightly increased ambient air temperatures. The proposed landfill project will not entirely be developed with hardscapes. The expanse of fallow agricultural lands and open areas in the project site should reduce the so-called "heat island effect" by absorbing heat throughout the area. As such, the proposed project is not anticipated to have an adverse effect on climate.

3. Topography and Soil Characteristics

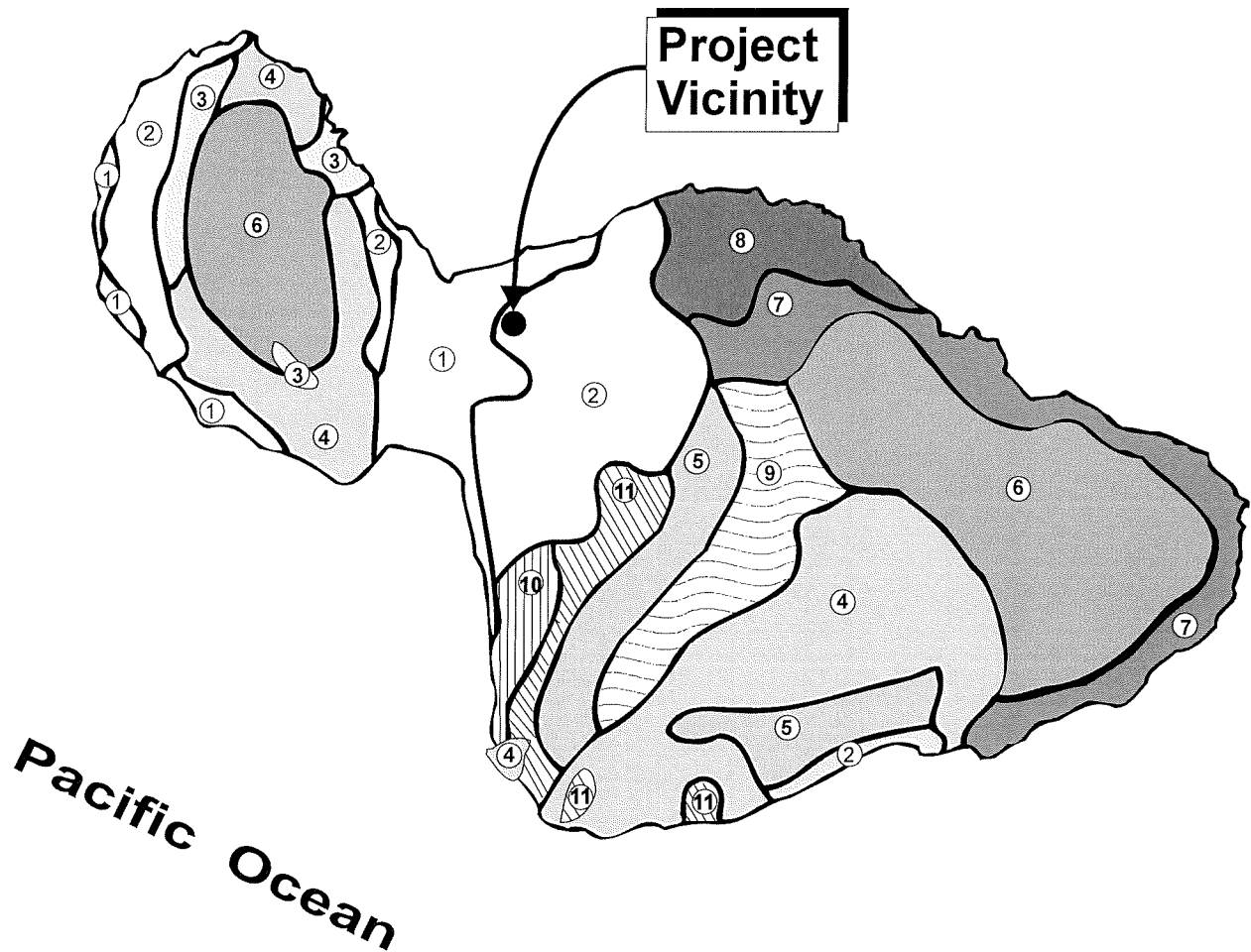
a. Existing Conditions

The project site is located on the southeastern side of Maui's isthmus approximately four (4) miles southeast of Kahului Airport. The project site has been heavily disturbed from decades of sugar cane cultivation. The existing ground surface elevations range from approximately 270 feet above mean sea level (amsl) in the south corner of the property decreasing to approximately 205 feet amsl to the northwest, and 196 feet to the north and northeast.

Underlying the project site and surrounding lands are soils belonging to the Waiakoa-Keahua-Molokai association. See **Figure 9**. According to the Soil Survey of the Islands of Kaua'i, O'ahu, Maui, Moloka'i, and Lāna'i, State of Hawai'i, the soils of this association are characterized as moderately deep and deep, well drained, nearly level to moderate slope and located on low uplands (Foote et al, 1972).

LEGEND

- | | |
|--|-------------------------------------|
| ① Pulehu-Ewa-Jaucas association | ⑦ Hana-Makaalae-Kailua association |
| ② Waiakoa-Keahua-Molokai association | ⑧ Pauwela-Haiku association |
| ③ Honolulu-Olelo association | ⑨ Laumaia-Kaipoi-Olinda association |
| ④ Rock land-Rough mountainous land association | ⑩ Keawakapu-Makena association |
| ⑤ Puu Pa-Kula-Pane association | ⑪ Kamaole-Oanapuka association |
| ⑥ Hydrandepts-Tropaquods association | |



Source: USDA Soil Conservation Service

Figure 9

Proposed Central Maui Landfill
Facilities Project
Soil Association Map

NOT TO SCALE



The soils underlying the project site are in the Moloka'i and Waiakoa series. The Moloka'i and Waiakoa series are characterized by well drained soils on uplands. The Moloka'i series range at elevations near sea level to moderately steep at the 1,000 feet elevation. The Waiakoa series soil is gently sloping to moderately steep ranging at elevations from 100 feet to 1,000 feet. The project area is located on soils classified as Moloka'i silty clay loam (MuB), Waiakoa silty clay loam (WeB), and Waiakoa silty clay loam (WeC). See **Figure 10**.

On MuB soil, runoff is slow to moderate and the erosion hazard is slight to moderate. This soil is used for sugar cane and pineapple cultivation, pasture, wildlife habitat, and homesites. On WeB and WeC soils, runoff is slow to medium and the erosion hazard is slight to moderate. These soils have 3 to 7 percent slopes and is not stony and is used for sugar cane cultivation (Foote, et al, 1972).

b. Potential Impacts and Proposed Mitigation Measures

The project site is relatively flat and level. According to the Preliminary Engineering Report (PER), the site will be graded to a slope of 2 percent to 2.2 percent. The earthwork will be balanced with excavation of 198,000 cubic yards (cy) and fill of 200,000 cy. Appropriate Best Management Practices (BMPs) will be implemented during construction to mitigate any impacts from soil erosion resulting from wind and water (e.g., dust fencing, watering for dust control). Operational BMPs will include development and implementation of practices and procedures to reduce potential for pollutants to impact stormwater. These will include work practices and procedures that limit pollutant exposure to stormwater, good housekeeping practices, and regular inspections/observations to verify the efficacy of BMPs practices and procedures shall be implemented to minimize pollutant exposure to stormwater. Examples include a policy that vehicle fluid changes and maintenance activities involving fluids will only be conducted inside the covered maintenance area, or scrap vehicles leaking fluids (when delivered to the Metals Processing Area) will only be stored under the canopy and not outdoors. Regarding the Construction and Demolition Material Recovery Area, storage of fine grain soils will be minimized to reduce the potential for the erosion of stockpiles and high suspended solids into stormwater. Also, regular use of a street sweeper on paved areas will minimize build-up of dirt and oils on the roadways and minimize impacts on stormwater, as well as regular cleaning and upkeep of the exposed operational area.

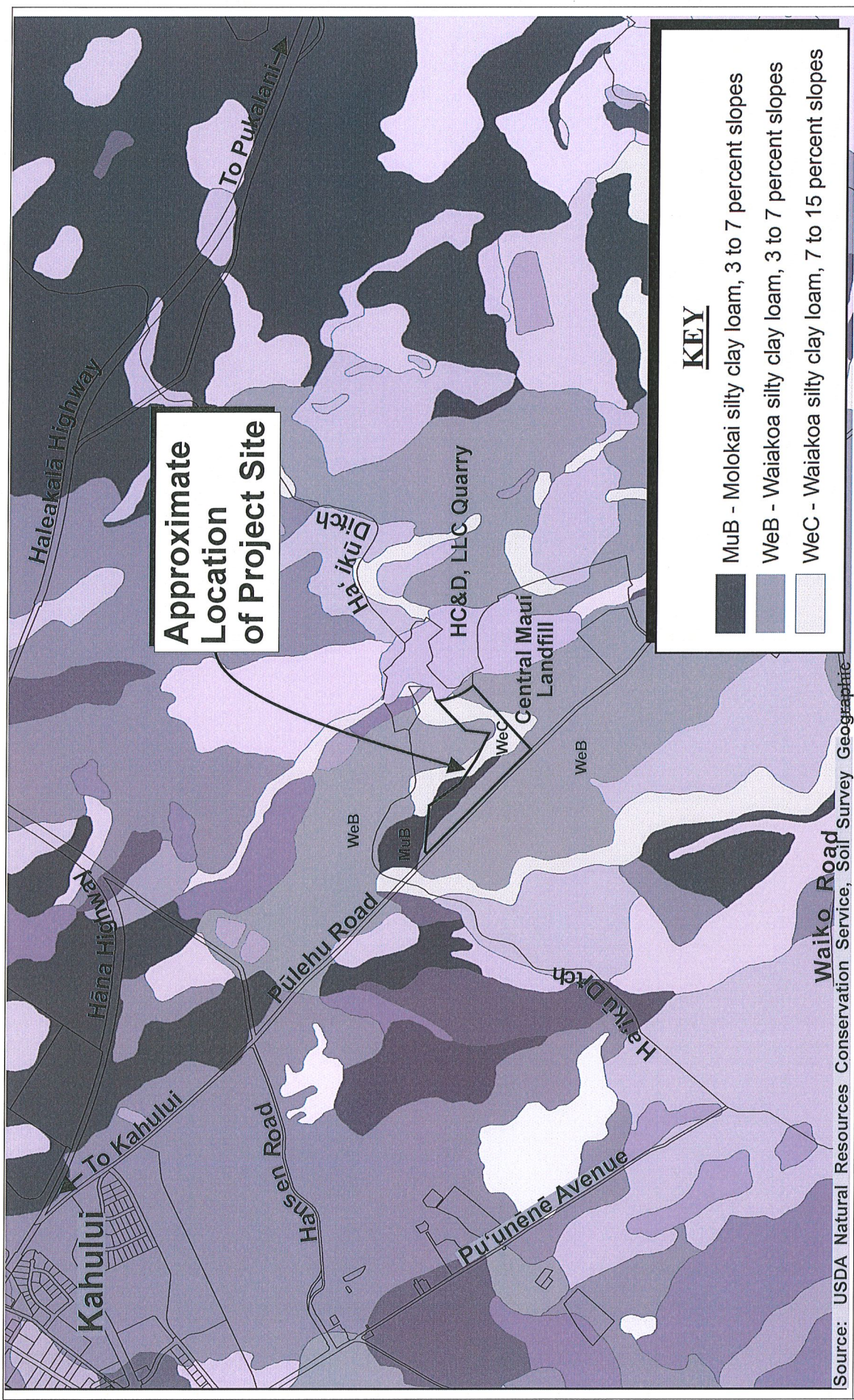


Figure 10 Proposed Central Maui Landfill Facilities Project
Soil Classification Map



Based on the foregoing, the proposed project is not anticipated to have any significant adverse impacts upon existing topographic and soil conditions.

4. **Agricultural Productivity Considerations**

a. **Existing Conditions**

On the Island of Maui approximately 235,770 acres have been designated as "Agricultural" by the State Land Use Commission (SLUC), representing just over 50 percent of the island.

In 1977, the State Department of Agriculture developed a classification system to identify Agricultural Lands of Importance to the State of Hawai'i (ALISH). The classification system is based primarily, though not exclusively, upon the soil characteristics of the lands. The three (3) classes of ALISH lands are: "Prime", "Unique", and "Other Important" agricultural land, with all remaining lands termed "Unclassified".

When utilized with modern farming methods, "Prime" agricultural lands have a soil quality, growing season, and moisture supply necessary to produce sustained crop yields economically. "Unique" agricultural lands possess a combination of soil quality, growing season, and moisture supply to produce sustained high yields of a specific crop. "Other Important" agricultural lands include those that have not been rated as "Prime" or "Unique" but are of state-wide or local importance for agricultural use.

Approximately 62,000 acres, or 26 percent, of Maui's 235,770 acres of SLUC designated "Agricultural" lands are characterized as "Prime" lands by the ALISH system. The subject property is designated as "Prime" agricultural lands. See **Figure 11**.

A portion of the project site is designated as Important Agricultural Lands (IAL) pursuant to Chapter 205-12, Hawai'i Revised Statutes (HRS). In 2009, the former owner of the property, Alexander & Baldwin, Inc. (A&B), petitioned the SLUC to designate approximately 27,102 acres of its agricultural lands, including a portion of the project site, as IAL. The SLUC, by action on June 26, 2009, issued Declaratory Order No. DR09-38 designating the A&B lands as IAL. See **Appendix "D"**. In 2012 when the County of Maui acquired the portion of the project site from A&B, approximately 22 acres were identified as being designated IAL. See **Appendix "D-1"**.

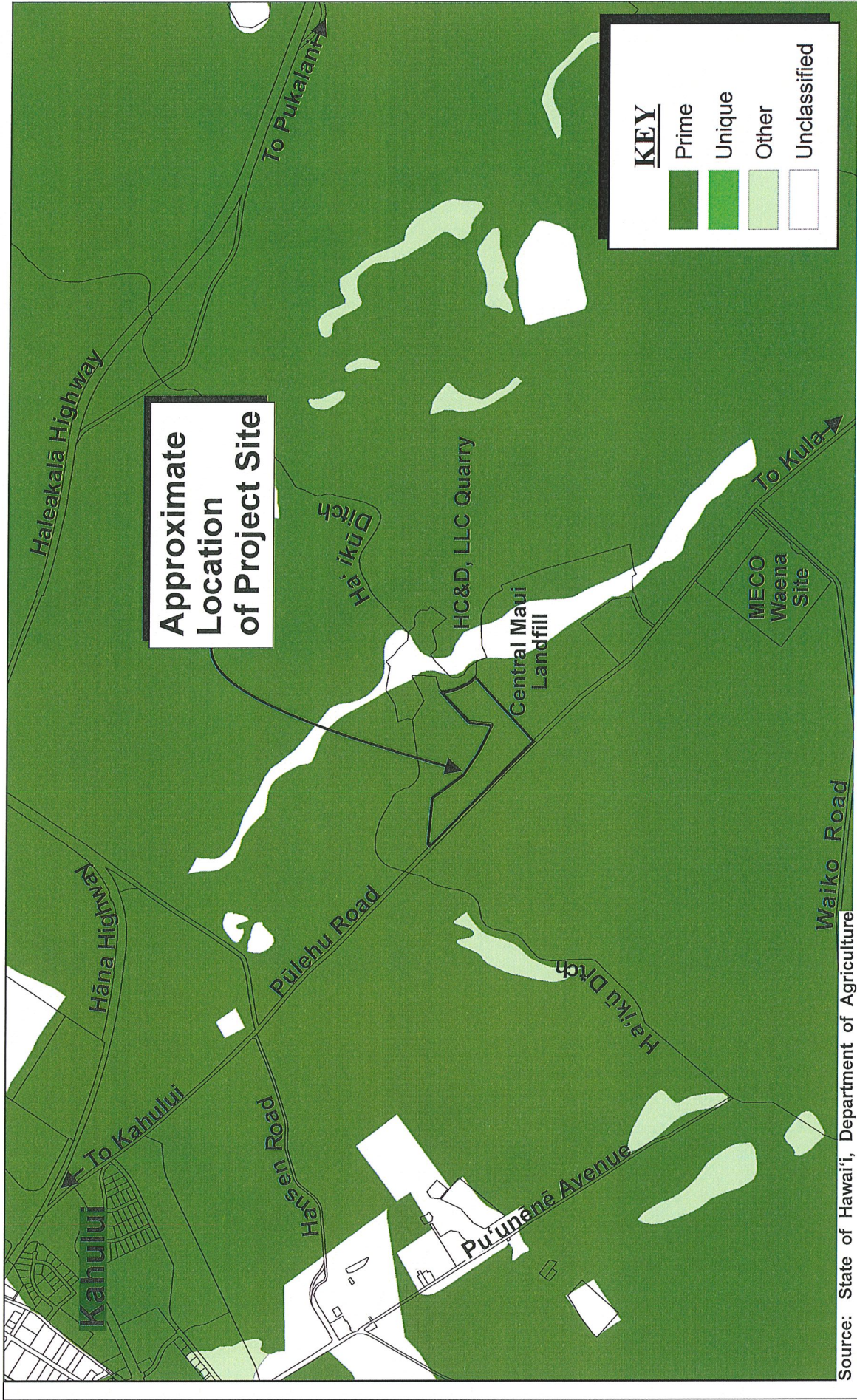


Figure 11 Proposed Central Maui Landfill Facilities Project
ALISH Map



As IAL designated lands pursuant to Section 15-15-127 of the SLUC Rules, both the State of Hawai'i Office of Planning (OP) and State of Hawai'i Department of Agriculture (DOA) were informed by letters dated April 28, 2016 and April 29, 2016, respectively, that a portion of the project site involves lands designated as IAL and requested to provide comments and/or a recommendation. See **Appendix "D-2"** and **Appendix "D-3"**.

By letter dated May 11, 2016 OP responded that the Draft EA should include information regarding the previous IAL designation approval (DR09-38 Alexander & Baldwin, Inc.), and supporting information on the request for a State Special Permit (SP) to allow landfill activities on IAL designated lands. See **Appendix "D-4"**. Supporting information on the State SP is included in Chapter III of this Draft EA.

The University of Hawai'i, Land Study Bureau (LSB) developed the Overall Productivity Rating, which classified soils according to five (5) levels, with "A" representing the class of highest productivity soils and "E" representing the lowest. These letters are followed by numbers which further classify the soil types by conveying such information as texture, drainage, and stoniness. The ratings are based on soil properties, topography, climate, and other factors.

On the island of Maui, "A" and "B" designated lands comprise approximately 21 percent of the island's SLUC designated "Agricultural" lands. The lands underlying the proposed project site are rated "A" including a portion of the existing landfill, the highest productivity level, by the LSB. Other portions of the CML are rated "C", "E", and "Unclassified" (Kalialinui Gulch). Lands surrounding the project site are rated "A", except the HC&D, LLC Quarry site, which is rated "C", and a portion of Kalialinui Gulch, which is rated "E" and "Not Classified". See **Figure 12**.

The project site has been in sugar cane cultivation in the past; the last crop on the project site was harvested in 2016. Lands to the north, west, and south of the project site are former sugar cane lands of HC&S. HC&S concluded its sugar cane operations on Maui at the end of 2016.

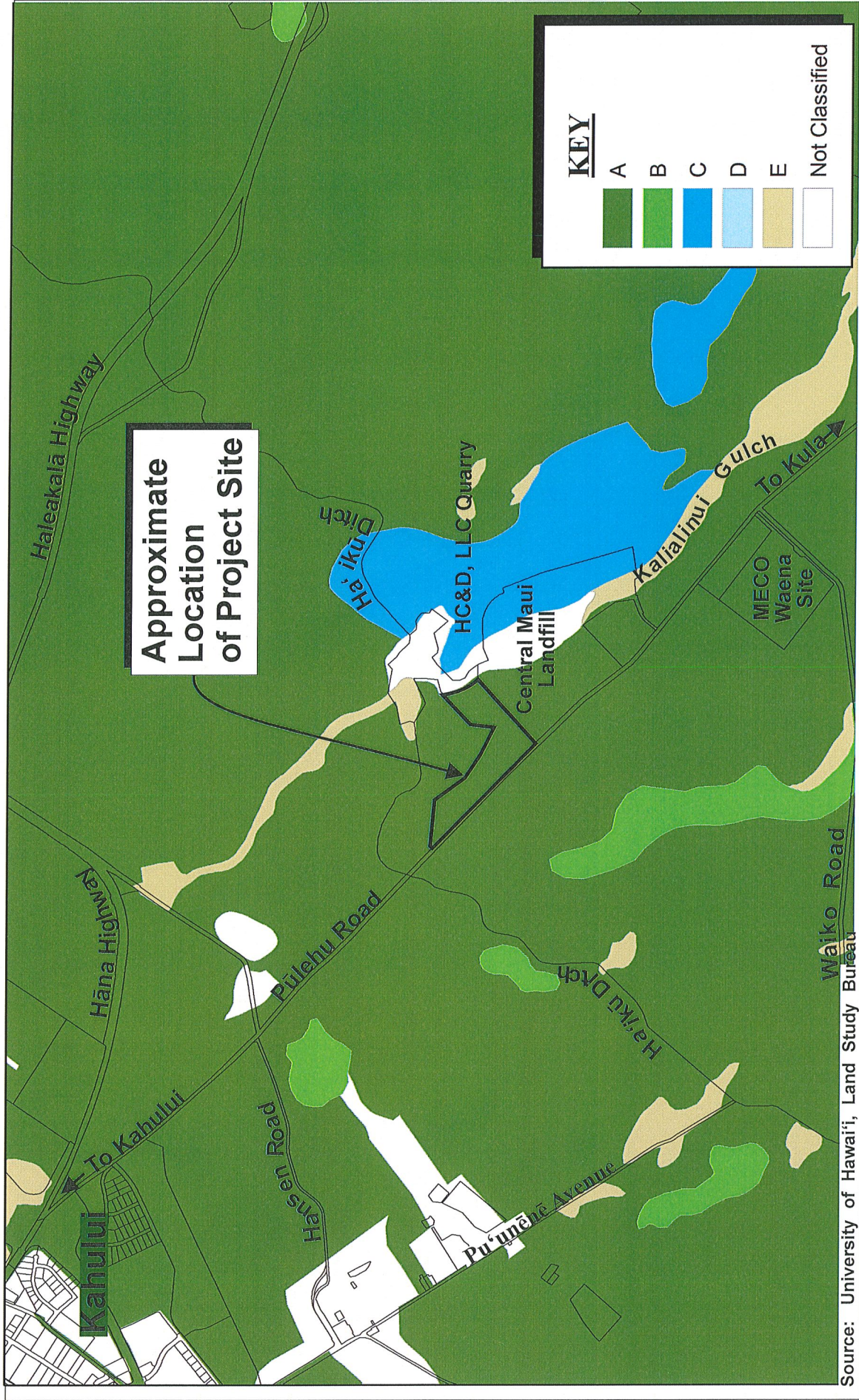


Figure 12 Proposed Central Maui Landfill Facilities Project
Land Study Bureau Map



Prepared for: County of Maui, Department of Environmental Management

b. Potential Impacts and Proposed Mitigation Measures

The proposed project will repurpose approximately 40.8 acres of agricultural lands for a critical public facility, which is intended to reduce the amount of waste entering the CML. This change represents a very small portion of the SLUC designated "Agricultural" lands on Maui.

As previously noted, approximately 22 acres of the project site falls within IAL designated lands. OP requested that the Draft EA include information regarding the previous IAL designation approval and supporting information on the request for a SP to allow landfill activities on IAL designated lands. Supporting information is included in Chapter III of the Draft EA.

Although a portion of the project site is designated as IAL, it is not critical for agriculture, based on the amount of similarly designated land in the area and the State as a whole. The IAL designated lands portion of the project site represents approximately 22 acres of the 27,102 acres of IAL designated lands on Maui, or approximately 0.08 percent of the total IAL designated lands. The proposed project is not expected to curtail future agricultural use of the surrounding lands as has been demonstrated by the compatibility of the existing CML operations with agriculture since its establishment in 1986.

As previously mentioned, HC&S recently (in 2016) ended its sugar cane operations on Maui and is in the process of transitioning to a diversified agricultural model for its lands. Inasmuch as the lands surrounding the project site are designated as IAL, the surrounding area is anticipated to be transitioned to diversified agriculture use. The proposed project is not expected to adversely impact future diversified agriculture activities that may occur on A&B lands to the north, west, and south. The CML has co-existed with agricultural activities in the vicinity for many years.

5. Flood and Tsunami Hazards

a. Existing Conditions

The Digital Flood Insurance Rate Maps (DFIRM), Panels 15000030411E, 15000030412E, 15000030413E, and 15000030414E, indicate that the proposed project area is situated within Zone X (unshaded), an area outside the 0.2 percent annual chance flood plain.

The subject property is located a substantial distance inland from the shoreline and outside of the tsunami inundation and evacuation zone.

b. Potential Impacts and Proposed Mitigation Measures

The project site is located outside of any flood hazard zone and outside of the tsunami hazard zone. Adverse impacts related to flood and tsunami hazards are not anticipated.

6. Coastal Resources

a. Existing Conditions

The project site is located between Kahului and Kula, approximately four (4) miles inland from the shoreline. Kalialinui Gulch traverses through the CML and north of the project site and eventually terminates at the Pacific Ocean near Kahului Airport.

b. Potential Impacts and Proposed Mitigation Measures

Inasmuch as the project site is not located near the shoreline, implementation of the project will not adversely impact coastal resources. Drainage improvements, such as retention basins, and BMPs will be implemented to retain stormwater runoff from the project site and provide water quality treatment.

7. Streams, Wetlands, and Reservoirs

a. Existing Conditions

There is an existing concrete irrigation ditch owned by A&B, Inc., Ha'ikū Ditch, located west of the project site. Refer to **Figure 1**. The ditch runs in a north-south direction originating in East Maui and eventually terminating to the south at a reservoir south of Pulehunui near the Maui Raceway Park.

Kalialinui Gulch traverses through the CML and north of the project site. Kalialinui Gulch originates on the slopes of Haleakalā Mountain and terminates at the Pacific Ocean near the Kahului Airport. Kalialinui Gulch contains a non-perennial stream approximately 44 miles long (Atlas of Hawaiian Watersheds, May 2016).

According to the U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory, there are no wetlands on or in the immediate vicinity of the project site. Two (2) reservoirs used by HC&S are located within approximately one (1) mile north of the project site (USFWS, May 2016).

b. Potential Impacts and Proposed Mitigation

The project is not anticipated to have an adverse effect on streams, wetlands, or reservoirs as there are no such resources located within the project site. Drainage improvements, such as retention basins, and BMPs will be implemented to retain stormwater runoff and provide water quality treatment. As such, the proposed Central Maui Landfill Facilities project is not expected to adversely impact downstream properties, including the nearby Ha'ikū Ditch and Kalialinui Stream.

8. Flora and Fauna

a. Existing Conditions

A Biological Resources Survey was conducted on the project site by Robert W. Hobdy in April 2016. See **Appendix "E"**. The property has been in sugar cane production since the 1800's and has been plowed, planted, cultivated, burned, and harvested in continuous cycles for over 100 years. The original native vegetation was replaced by sugar cane and increasing number of agricultural weeds. The final crop of sugar cane has been harvested and the land left fallow.

A total of 54 plant species were found during the survey. Just two (2) hardy native plant species were present, 'ilima (*Sida fallax*) and 'uhaloa (*Waltheria indica*). The remaining 52 species were non-native agricultural grasses and weeds.

No mammals were seen during two (2) site visits. However, several common non-native mammal species could be expected to utilize the area, such as the mongoose (*Herepestes auropunctatus*), cats (*Felis catus*), domestic dogs (*Canis familiaris*), rats (*Rattus spp.*), and mice (*Mus domesticus*).

A special effort was made to look for the native Hawaiian hoary bat. No evidence of bat activity was observed.

Birdlife was sparse due to the lack of habitat diversity. Six (6) species of non-native birds were observed, three (3) of which were uncommon in terms of abundance within the project area (zebra dove (*Geopelia Striata*), common myna (*Acridotheres tristis*), and spotted dove (*Streptopelia chinensis*)). The remaining three (3) species were of rare occurrence within the project area. This habitat is not suitable for Hawai'i's native forest birds, water birds, or sea birds.

Insect life was modest in species diversity and in total numbers. A total of 15 species were observed. One species, the house fly (*Musca domestica*), was abundant throughout the project area. Two (2) other non-native insects were common, the Cuban koa haole psyllid (*Heteropsylla cubana*) and the long tail blue butterfly (*Lampides boeticus*). One native dragonfly, the indigenous globe skimmer (*Patala flavescens*) was observed. This dragonfly is found throughout the tropics worldwide and is one of the most common native insects in Hawai'i.

b. Potential Impacts and Proposed Mitigation Measures

The vegetation throughout the project area is dominated by non-native species and two (2) common indigenous plants, 'ilima (*Sida fallax*) and 'uhaloa (*Waltheria indica*). No federally listed endangered or threatened plant or animal species were found, nor do any plants or animals that are candidates for such status occur within the project area. No special plant or animal habitats occur on or near the project and no potential wetlands occur in this dry upland site. Refer to **Appendix "E"**.

While no protected seabirds were found on the property, the endangered ua'u (*Pterodroma sanwicensis*) and threatened 'a'o (*Puffinus newelli*) are known to overfly the area at dawn and dusk to their burrows high in the mountains between the months of March and November. In late fall, young birds fledge from their burrows to take their first flights out to sea. These inexperienced birds are easily confused and distracted by bright lights and often crash to the ground where they are particularly vulnerable to being run over by vehicles or killed by predators. It is recommended that the project's lighting be shielded to direct light downward so that it is not visible from above. Refer to **Appendix "E"**.

Comments from the U.S. Fish and Wildlife Services (USFWS) noted there are five (5) listed species possibly in the vicinity of the project area. The listed species are the federally endangered Hawaiian hoary bat (*Lasiurus cenerus semotus*), Blackburn's sphinx moth (*Manduca blackburni*), Hawaiian Stilt (*Himantopus mexicanus knudseni*), Hawaiian Coot (*Fulica alai*) and Hawaiian Goose (*Branta sandvicensis*).

The USFWS indicated that if trees or shrubs suitable for bat roosting (greater than 15 feet) are cleared during the Hawaiian hoary bat breeding season (June 1 to September 15), there is a risk that young bats that cannot yet fly on their own could inadvertently be harmed or killed. The USFWS recommends that woody plants greater than 15 feet should not be removed or trimmed during the Hawaiian hoary bat breeding season.

Also, the Hawaiian hoary bat forage for insects as low as three (3) feet to higher than 500 feet above the ground and may become entangled in barbed wire fencing and recommend that barbed wire fencing not be used. The Department of Environmental Management (DEM) will not remove or trim woody plants greater than 15 feet tall during the Hawaiian hoary bat breeding season and will not use barbed wire fencing.

The USFWS indicated the Blackburn's sphinx moth feed on nectar from native plants and their larvae feed upon the non-native tree tobacco (*Nicotiana glauca*) and native aiea (*Nothocestrum latifolium*). Although neither the Blackburn's sphinx moth or their habitat (plants) were observed on the project site, the USFWS recommends that a qualified biologist survey the project area for the Blackburn's sphinx moth and its host plant prior to the initiation of work and that the surveys be conducted during the wettest portion of the year (usually November through April or several weeks after a significant rain). Prior to the initiation of construction, the DEM will have a qualified biologist survey the project area for the Blackburn's sphinx moth and their habitat. As may be necessary, appropriate mitigation measures as recommended by the USFWS will be implemented.

The USFWS noted the project may result in standing water or creation of open water that may attract Hawaiian waterbirds and the Hawaiian goose and become an attractive nuisance. Hawaiian waterbirds may suffer impacts such as predation and reduced reproductive success. The USFWS recommends that the project occur outside of the Hawaiian stilt breeding season (February through August). If the breeding season cannot be avoided, the USFWS recommends DEM work with their office to develop specific measures to avoid impacts to listed species.

Also, the State of Hawai'i, Department of Transportation (SDOT) commented that the CML is within two (2) miles of the Air Operations Area of the Kahului Airport. Further, "Hazardous Attractants on or Near Airports" require a minimum distance of five (5) miles. The improvements will not be expanding the active open landfill area, which is an attractant to wildlife. As recommended by SDOT, best cover management practices will continue to be utilized at the landfill, as needed, to mitigate potential wildlife hazards.

With implementation of the foregoing mitigation measure, the proposed project is not anticipated to have any significant adverse impacts on botanical resources.

9. Archaeological Resources

a. Existing Conditions

Scientific Consultant Services, Inc. (SCS) conducted an archaeological inventory survey for the project site, the results of which are summarized in an Archaeological Assessment Report (AAR). Field work was conducted from June 6, 2016 through June 9, 2016 which consisted of both a full pedestrian survey and subsurface testing. See **Appendix “F”**.

Thirty (30) locations were selected for subsurface excavations throughout the vacant 40.8-acre project area during the fieldwork. The thirty (30) locations were chosen in order to provide a representative sample of subsurface matrices seen throughout the project area. No historic properties were found during the subsurface testing.

b. Potential Impacts and Proposed Mitigation Measures

No historic properties were identified during the archaeological inventory survey. Subsurface excavation predominantly revealed mixed fill strata. Based on the negative findings of the archaeological inventory survey level investigation, no further archaeological work is recommended. Refer to **Appendix “F”**.

The AAR (revised to respond to initial review comments from the State Historic Preservation Division (SHPD)) has been submitted and is currently under review by the SHPD for acceptance.

10. Cultural Resources

a. Existing Conditions

The project area is located in the *ahupua'a* of Ka'ono'ulu, which translated means literally “*the desire for breadfruit*” (Pukui et al, 1974). The Hawaiian economy was based on agricultural production and marine exploitation, as well as raising livestock and collecting wild plants and birds. Extended household groups settled in various *ahupua'a*. Within the *ahupua'a*, residents were able to harvest from both the land and the sea. Ideally, this situation allowed each *ahupua'a* to be self-sufficient by supplying needed resources from different environmental zones (Lyons, 1875).

During pre-Contact times, there were primarily two (2) types of agriculture, wetland and dry land, both of which were dependent upon

geography and physiography. River valleys provided ideal conditions for wetland *kalo* (*Colocasia esculenta*) agriculture that incorporated pond fields and irrigation canals. Other crops, such as *kō* (sugar cane), *mai'a* (banana), and *'uala* (sweet potato), were also grown. This was the typical agricultural pattern seen during traditional times on all the Hawaiian Islands (Kirch and Sahlins 1992; Kirch 1985).

Scattered amongst the agricultural and habitation sites were other places of cultural significance to the *kama'āina* of the district. Near the project area were the *kuapa* (fishponds) of Kanaha and Mau'oni, also known as the twin ponds of *Kapi'ioho* (Cordy 2000). The twin ponds supplied mullet to the population during the times of fishing *kapu* (Bartholomew 1994).

In the 1840s a drastic change in traditional land tenure resulted in a division, or *Māhele*, of island lands. This system of private ownership was based on western law. While a complex issue, many scholars believe that in order to protect Hawaiian sovereignty from foreign powers, Kamehameha III was forced to establish laws changing the traditional Hawaiian economy to that of a market economy (Daws 1968; Kelly 1983; Kame'eleihiwa 1992). Foreigners demanded private ownership of land to insure their investments (Kelly 1983; Kame'eleihiwa 1992).

Once lands were made available and private ownership was instituted, the *maka'āinana* (commoners) were able to claim the plots on which they had been cultivating and living, if they had been made aware of the foreign procedures. These claims could not include any previously cultivated or presently fallow land, stream fisheries or many other resources necessary for traditional survival (Kelly 1983; Kame'eleihiwa 1992; Kirch and Sahlins 1992). The awarded parcels were called Land Commission Awards (LCA). If occupation could be established through the testimony of two (2) witnesses, the petitioners were awarded the claimed LCA, issued a Royal Patent number, and could then take possession of the property (Chinen 1961). As noted in the AAR, there were over 400 *kuleana* awarded in the district of Wailuku, but none were identified in the project area.

As the sugar industry developed, Kahului became a cluster of warehouses, stores, wheelwright, and blacksmith shops close to the harbor. A small landing was constructed in 1879 to serve the sugar company (Clark 1980). In the late 1800s, Kahului possessed a new custom house, a saloon, Chinese restaurants, a railroad and a small population of residents. Kahului's main focus was shipping.

Kahului was Maui's main harbor during the 20th century and provided employment to residents through the railroad, as dock workers, clerks, cannery workers and in the cane fields (Bartholomew 1994). Kahului Store, a retail operation owned by Hawaiian Commercial & Sugar (HC&S) Company, and Pu'unēnē Store supplied all of the plantation camp stores.

In September of 1878, the HC&S Company was incorporated at Pu'unēnē as the Hawaiian Commercial Company (HCC) by Claus Spreckels and his associates; soon after incorporation, HCC began the construction of a large sugar complex at Spreckelsville Plantation (Condé and Best 1973). In 1882 HCC was reorganized as the HC&S.

In 1898, Alexander and Baldwin gained a controlling interest in HC&S. HC&S continued to operate as a separate plantation until 1948, when it merged with the neighboring Maui Agricultural Company (also owned by Alexander and Baldwin) (Condé and Best, 1973). In 1962, HC&S merged with Alexander and Baldwin. HC&S ended its sugar plantation at the end of 2016.

Cultural Interviews

Cultural Interviews were conducted with two (2) individuals knowledgeable of the Pu'unēnē area to get a more in-depth cultural impact perspective of the proposed project. See **Appendix "G"**.

The interviews are summarized below:

(1) Interview with Henry Nakamura

Henry Nakamura worked for HC&S from 1949 until he retired in 1993. He started as a grass cutter and was promoted into several jobs with HC&S. When Mr. Nakamura retired, he worked with the HC&S Budget Office. One of the positions that Mr. Nakamura held was as a water meter reader. Mr. Nakamura's responsibilities included reading the meters, cleaning the meters, and replacing the paper used to record the amount of water passing through the meter. The water was supplied by the plantation and part of his job was to read the residential water meters of the plantation workers' homes in the various camps.

Mr. Nakamura remembers Pūlehu Camp was located along Pūlehu Road near the junction of Pūlehu Road and Omaopio Road. Pūlehu Camp was a mixed nationality camp of mostly

Filipinos, Japanese, and Portuguese who worked in the nearby sugar cane fields. Mr. Nakamura remembers Pūlehu Camp had a manju shop run by the Shishido family and a Filipino store. The Camp remained in existence until the 1980's. Also, the cane haul road above the CML connected the Pai'a Mill to the Pu'unēnē Mill.

The HC&D, LLC Quarry adjacent to the CML started as a cement processing plant by Honolulu Construction and Draying Co., Ltd. (HC&D), who made the concrete flumes for HC&S. Access to the site is from Quarry Road off of Haleakalā Highway.

Mr. Nakamura is unaware of any cultural sites or customary practices in the area.

(2) Interview with Lydia Agaran Coloma

Lydia Agaran Coloma lived in Orpheum Camp near the former Pā'ia Mill, which was surrounded by sugar cane fields. Orpheum Camp was mainly home to married Filipino men and their families. The plantation homes were small and did not have any bathrooms in the house. Her family used an outhouse, which was typical of homes in Orpheum Camp. Today there are no remnants of the former camp.

In 1965 the family moved to the Kobayashi Subdivision in Pā'ia Town, near the former Kobayashi service station, and lived there until 1972 when the family moved to Kahului. She remembers Pā'ia Town contained several stores along Baldwin Avenue where the plantation families in the area would shop, such as the former Pā'ia Mercantile Store.

Mrs. Coloma remembers her husband would be picked up each day with other workers and trucked to the various fields to work on the irrigation ditches. Later he was assigned to fields in Pā'ia and given a truck to get to the fields. Along the reservoirs and ditches, workers would grow vegetables to feed their families, such as round and long squashes, eggplant, pumpkin, and bittermelon.

Although Mrs. Coloma rarely got sick needing medical attention she remembers the Pu'unēnē Hospital and plantation doctors. She remembers Doctors Underwood and Wong worked at the hospital. Although her son was born at Maui Memorial Medical

Center (formerly known as Maui Memorial Hospital) she remembers when she was pregnant she would visit her doctor at Pu'unēnē Hospital.

Mrs. Coloma is unaware of any cultural sites or customary practices in the area. She has no strong feelings for the area.

b. Potential Impacts and Proposed Mitigation Measures

From a recent historical perspective and cultural informant information, there are no indications of cultural practices, such as gathering, access, or religious traditions, known to be associated with the project area. As such, implementation of the proposed project is not anticipated to adversely affect cultural resources.

11. Air Quality

a. Existing Conditions

Air quality in the project area is generally good. Notable sources of air quality contaminants in the area are from the CML, HC&D, LLC Quarry, and Maui EKO composting operations. The natural trade winds dissipate emissions and odors associated with the landfill and nearby non-agricultural operations.

b. Potential Impacts and Proposed Mitigation Measures

Construction of the proposed project and its operations are anticipated to result in emissions of carbon monoxide (CO), nitrogen dioxide (NOX), particulate matter (PM), and ozone precursors primarily from exhaust emissions from internal combustion engines associated with vehicles and heavy equipment operated during the construction and the operational phases of the project. PM emission sources will primarily consist of dust and particulate resulting from earthwork activities during the project construction period and material handling and transport activities during the operational phase. Emissions from internal combustion engines will also contribute to PM.

Construction-generated pollutants will be short term. Emissions associated with internal combustion engines of vehicles and heavy equipment will be minimized through proper operation and maintenance of the engines of this equipment in accordance with manufacturer's recommendations and in compliance with applicable rules and regulations. PM associated with the earthmoving activities of the

construction phase can be controlled and mitigated through implementation of BMPs, including regular application of water to areas where earthwork is occurring, regular watering of unpaved haul roads, regular watering of exposed earthen surfaces, regular sweeping/cleaning of paved roads, and utilization of dust fences. Upon completion of earthwork activities, expeditious establishment of vegetative cover on exposed surfaces will minimize dust generation from these areas during the post-construction period.

Operational related emissions associated with internal combustion engines of vehicles and heavy equipment will be minimized through proper operation and maintenance of the engines of these equipment in accordance with manufacturer's recommendations and in compliance with applicable rules and regulations.

Vehicle emissions associated with the proposed refuse collection office and maintenance facility do not represent new emissions over the current situation in that the vehicles and associated maintenance and administrative activities to be housed at the project location are already in existence and occur at two (2) existing facilities that will be consolidated at the project site. The consolidation of the two (2) existing facilities into one (1) centralized facility at the project site will result in similar emissions to the current situation, and could possibly result in net emission reductions.

The Abandoned Vehicle Management Program to be housed at the project site is an existing activity currently operated on a nearby lot on Hansen Road, and does not represent a new activity or new emissions in the general area. Emissions from the Abandoned Vehicle Management Program operation at the project site will be similar in nature as the current operation and does not result in a net increase in emissions.

Construction and Demolition (C&D) processing is currently conducted at the adjacent Central Maui Landfill and this activity will be relocated to the C&D Processing Area in the project site. This permanent C&D operation is intended to facilitate and expand C&D waste diversion from the landfill and will likely result in marginally increased emissions from the current operation. Again, these emissions will be minimized through proper operation and maintenance of the engines of these equipment in accordance with manufacturer's recommendations and in compliance with applicable rules and regulations.

The Metals Processing Area will involve operations that are not currently undertaken by the County of Maui and will result in an increase in emissions. The activities anticipated to occur in this facility will involve the receipt and processing of scrap vehicles and other sources of scrap metal. Processing of scrap vehicles will require removal and management of automotive fluids and refrigerant gases. Other scrap metal materials, such as white goods, will also require removal of refrigerant gases. Emissions associated with the removal, handling and storage of these fluids and gases can be minimized and mitigated through implementation of proper operating procedures, utilization of equipment designed for these activities, and maintenance and operation of this equipment in accordance with the manufacturer's recommendations and in accordance with applicable rules and regulations.

Handling and processing of scrap metal typically involves the use of diesel-powered heavy equipment. This type of equipment will be used to move, dismantle, and consolidate scrap metal materials prior to its offsite shipment to end users. Emissions associated with this heavy equipment will be minimized through proper operation and maintenance of the engines in accordance with the manufacturer's recommendations and in compliance with applicable rules and regulations.

PM emissions associated with the operation of the project will be primarily related to vehicle movement over unpaved areas of the project site and from materials handling at the C&D Processing Area and the Metals Processing Area. BMPs for dust control, similar to the construction period, include regular application of water to unpaved roads, stockpiled materials, and operational areas to minimize dust generation. Crushing and grinding equipment employed at the C&D and Metals Processing Areas typically are equipped with water misting systems, in the areas most prone to dust generation, to minimize the escape of dust from the immediate vicinity. Paved roads and parking areas can also be sources of dust but this can be mitigated through regular sweeping/cleaning of the surfaces to prevent deposition and build up of soil and other sources of dust and particulate matter.

Air quality can also be impacted by operations and activities that generate odors that migrate beyond the limits of the project area. Some of the operations and activities to be undertaken at the project site could entail handling or processing of odorous or odor causing materials. Abandoned vehicle storage and scrap metal processing entail handling, processing, and storing relatively inert metals and limited amounts of plastics, rubber,

and other materials found in motor vehicles and white goods, and do not typically generate odors.

C&D recycling activities primarily involve the handling and processing of building materials that are inert (concrete, brick, stone, stucco, metals, plastics, glass, etc.) or slow to decompose (wood), and, therefore, do not typically generate odors. However, ground or chipped wood materials, if stockpiled for extended periods of time, could generate odors, therefore, timely removal of these materials from the facility will prevent odor generation. Occasionally, C&D operations may receive C&D debris mixed with other solid waste materials which could contain odorous materials. Expeditious removal of these mixed materials from the C&D area and relocation to the active disposal area of the adjacent CML will minimize odor potential.

Household hazardous waste (HHW) and electronic waste handling and storage, when properly conducted, will not result in odors. Electronic waste is composed primarily of inert materials (metal, glass, plastic, etc.) and does not generate odors if properly stored and kept dry. HHW materials are typically received in their original commercial packaging and are stored in secondary containment to prevent spills. Leaking containers are addressed upon receipt and either emptied into bulk containers with compatible materials or stored in closed containers with absorbents. Materials received are segregated based on their characteristics, stored in an enclosed area to prevent contact with rain, and shipped to permitted offsite recycling or disposal facilities at regular intervals. The combination of packaging and storage within an enclosed building will prevent odor generation.

The refuse collection office and maintenance area, which will house and maintain a fleet of refuse collection vehicles, could have the potential of generating offsite odors, but such issues can be effectively prevented by adoption and consistent implementation of good housekeeping practices that preclude the accumulation of odor-causing materials on the property. Regular sweeping/cleaning of the truck parking area will prevent accumulation of odorous items that may fall or drip from parked trucks. The proposed facility includes a truck wash pad that will permit regular cleaning of the truck bodies and the refuse holdings areas and minimize potential odors emanating from the refuse vehicles.

Operational and management methods at these facilities will prevent odor generation in nearly all cases. In the event a material is received that is an odor source, the primary method of response and mitigation will be to

expeditiously identify the odor source and eliminate the odor by removal of the source from the property either through shipment to appropriate offsite facilities or, if appropriate, through disposal in the CML.

12. Noise Quality

a. Existing Conditions

Existing background noise in the area is largely attributed to the CML and HC&D, LLC Quarry operations. With the recent cessation of sugar cane cultivation in the area, intermittent noise from sugar cane agricultural activities is not expected to occur.

b. Potential Impacts and Proposed Mitigation Measures

Ambient noise conditions will be temporarily impacted by construction activities associated with the proposed project. Heavy construction equipment, such as bulldozers, front-end loaders, and material-transport vehicles, will likely be the dominant sources of noise during the construction period. Measures, such as regular maintenance of construction equipment, will help to minimize noise impacts resulting from construction-related activities.

Operation of some of the project facilities will result in the generation of noise, however, the surrounding area is uninhabited and the offsite receptors for noise would be the passing vehicular traffic on Pūlehū Road, existing CML operations, and the nearby HC&D Quarry operation.

Most of the project operations from the Central Maui Landfill Expansion project will have limited noise generation potential.

The office, warehouse, HHW, and electronic waste facility will have very low potential for noise generation. The office, warehouse, and HHW and electronic waste processing and storage area will be fully enclosed buildings which will reduce noise impacts, if any, to the surrounding area.

The Abandoned Vehicle Yard will be an open parking and storage area for abandoned/discarded vehicles. Activities beyond the static storage of vehicles will be limited to periodic delivery and removal of vehicles from the area. These deliveries and removals will typically involve the use of tow trucks and will not generate significant noise.

The refuse collection office and maintenance area will have minimal noise potential as the vehicle maintenance activities will generally be conducted

inside the maintenance area within the enclosed building. This facility is also located approximately 1,200 feet from Pūlehū Road and at an elevation approximately 38 feet lower than that of Pūlehū Road. This significant distance and elevation offset will further minimize offsite noise impacts from this facility.

The C&D processing area and the metals processing area are the activities that will generate the greatest amount of noise through the handling and processing of heavy materials. The C&D area will be located at an elevation of approximately 20 feet lower than the adjacent stretch of Pūlehū Road. This vertical offset will create a sound wall and minimize the projection of noise offsite and minimize the potential impact to occupants of passing vehicles on Pūlehū Road. The metals processing area is also located adjacent to Pūlehū Road. Along approximately half of this frontage, the northerly half, the facility elevation matches or is slightly lower (2 to 8 feet) than Pūlehū Road. The southerly half of the frontage is approximately 8 to 15 feet lower than Pūlehū Road. To minimize the potential for noise impacts to the Pūlehū Road area, the activities with the higher noise potential will be located in the southerly half of the covered metals processing area. The combination of the lower elevation and the canopy roof will minimize projection of noise offsite.

Noise associated with the operation of heavy equipment used within the project facilities will be maintained in accordance with manufacturer's recommendations to ensure proper operating conditions which will minimize noise. Further, this equipment will be fitted with any noise suppression equipment required by applicable State or local regulations.

13. Hazardous Materials

a. Existing Conditions

The project site is former sugar cane lands. Recently the site was used as a temporary debris staging and reduction area to handle debris from major storm damage that occurred along ʻĪao Stream in 2016.

A soil sampling study was prepared by Element Environmental LLC to establish a baseline of the existing soil conditions prior to the temporary use as a debris staging and reduction area. Testing of soil samples did not find any significant concentrations of contaminants in the samples submitted. See **Appendix "H"**.

b. Potential Impacts and Proposed Mitigation Measures

During operation of the facilities, practices and procedures shall be implemented to minimize release of hazardous materials to the environment and to ensure proper mitigation of spills/releases that do occur. An example of policies and procedures that would minimize the potential for release would include a policy to only perform vehicle fluid changes and maintenance activities involving fluids inside the covered vehicle maintenance area, and scrap vehicles leaking fluids when delivered to the Metals Processing Area will only be stored under the canopy and not outdoors. Operational personnel will be trained to observe the project work areas and identify spills and other types of releases of hazardous materials and to properly respond to such occurrences such that the releases are minimized and the material that is spilled or released is properly cleaned up and the impacted area returned to its clean state. Regular sweeping/cleaning of paved roads and parking areas will minimize the build-up of dirt and oils to minimize impacts of such materials. Unpaved areas will be regularly inspected for spills or other types of releases and cleaned, as necessary, when such incidences are observed.

To minimize the potential release of contaminants to the project area from materials with a high potential to release pollutants if exposed to the elements, processing and storage of scrap metals, electronic waste, household hazardous waste, etc., will only occur within the enclosed or covered areas. Processing and/or storing these materials within the enclosed or covered areas will facilitate the proper containment and cleanup of any spills or releases that may occur. As such, no significant adverse impacts from hazardous materials are anticipated.

14. Scenic and Open Space Resources

a. Existing Conditions

The western slopes of Haleakalā are visible to the east of the project site, with the eastern slopes of the West Maui Mountains visible to the west. The project site is not located within a scenic view corridor, nor is it a part of a designated open space resource area. Open space resources include the expansive agriculture lands surrounding the project site.

b. Potential Impacts and Proposed Mitigation Measures

The views of Haleakalā and the West Maui Mountains are the principle visual resource in the area. The project site is located within the open space of agricultural lands which minimizes impacts from operations associated with the CML. As such, the proposed project is not anticipated to adversely impact views and open space resources.

B. SOCIO-ECONOMIC ENVIRONMENT

1. Land Use and Community Character

a. Existing Conditions

A large portion of the project site, including the CML, is located within the Urban Growth Boundary (UGB) as designated on the Directed Growth Map of the Maui Island Plan (MIP). See **Figure 13**. In addition to the CML, the area contains the HC&D, LLC Quarry and both uses were established under SLUC Special Permits and have co-existed with the surrounding agricultural uses for several years.

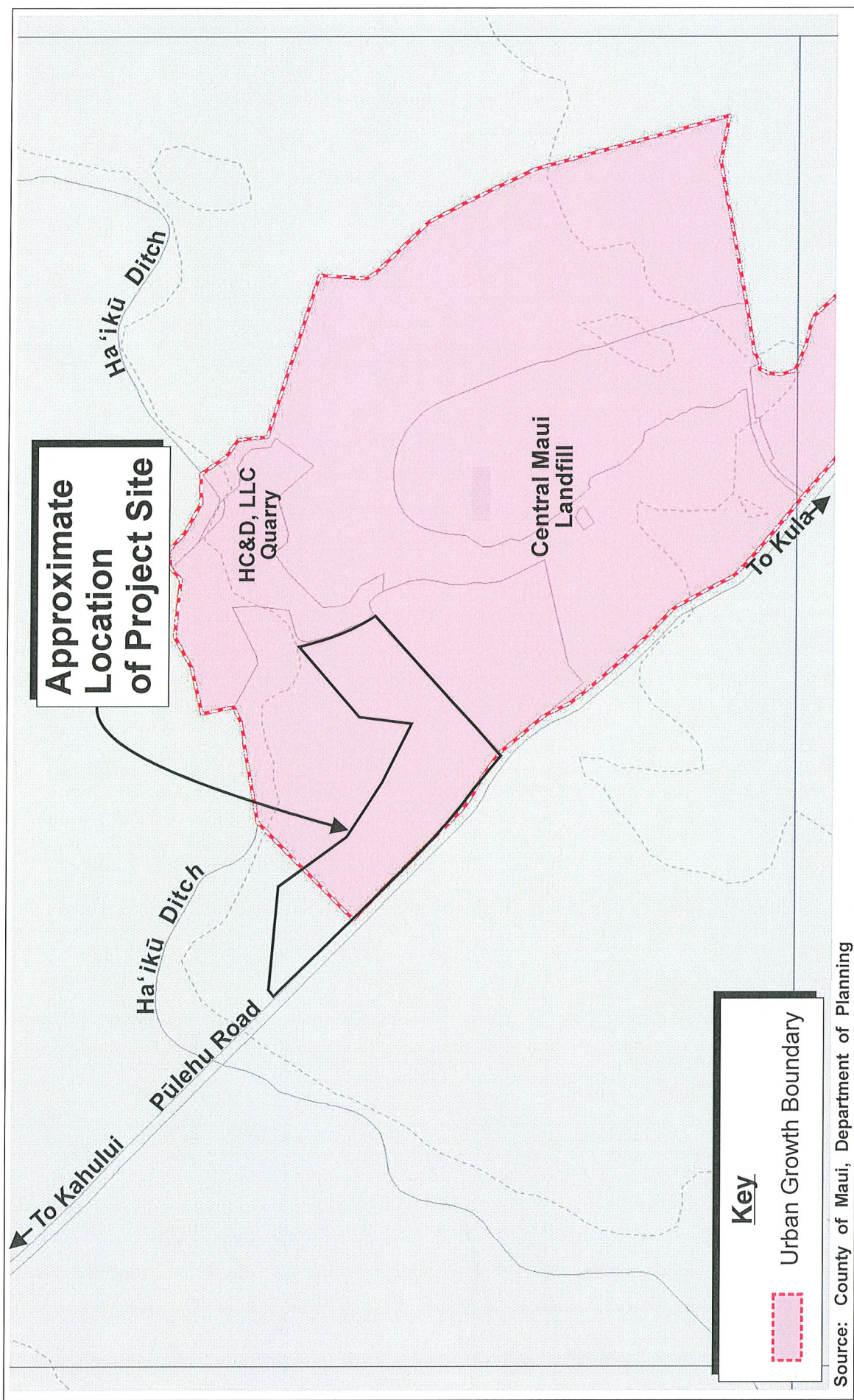
b. Potential Impacts and Proposed Mitigation Measures

From a future land use perspective, the existing uses and proposed uses are expected to continue to co-exist with future agricultural uses of the surrounding agricultural lands. Also, portions of the surrounding lands, including a portion of the project site, are within the UGB. The long range objective of the UGB is to allow the development of urban uses, such as the existing and proposed solid waste management uses. As the proposed project conforms with the growth policies of the County and is consistent with the adjacent industrial uses established by SLUC Special Permits, no significant adverse impacts to the land use and community character in the region are anticipated.

2. Population and Economy

a. Existing Conditions

In 2010, the population of Maui Island was 144,444, with 54,433 persons residing in the Wailuku-Kahului Community Plan region (2010 U.S. Census). The growth in population in the Wailuku-Kahului region increased from 41,503 in 2000 to 54,433 in 2010, an increase in population of 31.2 percent (2000 and 2010 U.S. Census). The population of Maui Island is estimated to increase by 12.4 percent to 162,370 by the



Source: County of Maui, Department of Planning

Figure 13 Proposed Central Maui Landfill Facilities Project
Maui Island Plan Directed Growth Boundary Map



Prepared for: County of Maui, Department of Environmental Management

year 2020 (SMS, 2006). The State of Hawai'i Department of Business Economic Development and Tourism (DBEDT) 2040 Projections utilized an annual growth rate of 1.5 percent between 2015 and 2020 and estimates that by the year 2020 the population will increase to 181,017 or 25 percent, which is double the SMS 2006 projections (DBEDT, March 2012).

As of November 2017, the non-seasonally adjusted unemployment rates for Maui County and the Island of Maui were 2.1 percent and 2.0 percent, respectively. This shows a decrease of 1.0 percent from the 2016 unemployment rates for Maui County and Maui Island (DLIR, January 2017).

b. Potential Impacts and Proposed Mitigation Measures

The proposed project involves development of new facilities to accommodate the solid waste management needs of Maui's growing population. The 2009 Integrated Solid Waste Management Plan (ISWMP) utilized the 2006 SMS projections to estimate the landfill capacity for the CML. DBEDT's 2040 projections indicate Maui's population is increasing at a faster rate than the 2006 projections utilized in the ISWMP. The proposed project will include solid waste management facilities to implement the DEM's goal in the ISWMP to reduce the stream of solid waste into the CML and extend the capacity of the landfill beyond 2026.

The proposed project, itself, will not generate new population growth. During the construction period, the proposed project will benefit the local economy by providing construction-related jobs. The new facilities, once in operation, will generate additional employment opportunities at the CML.

C. PUBLIC SERVICES

1. Solid Waste Collection and Disposal

a. Existing Conditions

Single-family residential solid waste collection service is provided by the County of Maui on a weekly basis. Residential solid waste collected by County crews is disposed of at the CML. In addition to County-collected refuse, the CML also accepts waste from private collection companies that service certain residential areas and businesses, as well as

construction and demolition waste. A privately operated green waste recycling facility (EKO compost) is located at the CML.

b. **Potential Impacts and Proposed Mitigation Measures**

The County of Maui's ISWMP estimated the existing CML had remaining capacity of 780,000 tons. According to the ISWMP, the existing landfill has adequate capacity to accommodate residential and commercial waste needs through the year 2026.

The proposed project will implement objectives of the ISWMP at the CML. The project will include solid waste management facilities to implement DEM's goal to reduce the stream of solid waste into the landfill in order to extend its capacity beyond 2026.

In accordance with the ISWMP, the following section summarizes the waste streams that will be processed by the facilities within the proposed project:

Abandoned Vehicles Area

This area will function as a storage area to accommodate abandoned vehicles until such time the means of their final disposal is determined. Periodically the program will conduct public auctions to put the vehicles back into circulation and prevent their disposal as scrap. Vehicles not purchased will be recycled either through a third party scrap metal processor or through the adjacent Metals Processing Area.

Metals Processing Area

The Metals Processing Area will take the abandoned vehicles not purchased and process them as scrap metal.

Open Construction and Demolition Material Recovery Area

This area will accommodate the receipt, processing, and storage of recyclable materials from construction and demolition wastes. Processing utilizes heavy equipment to separate and segregate bulky materials and feed non-bulky items into sorting equipment that may include manual sort lines and mechanical screens. Large items of concrete, asphalt, and rock (inerts) will be stockpiled and periodically crushed to permit re-use.

Metals recovered are planned to be recycled either through a third party scrap metal processor or through the adjacent Metal Processing Area. Wood (including woody vegetative materials) recovered is planned to be directed to the EKO Compost facility adjacent to the CML facility for processing into compost and soil amendments. Soils recovered are to be utilized as cover at the CML. Inert materials recovered are to be utilized as road base at the CML.

Household Hazardous Waste and Electronic Waste Processing and Storage Area

This will include the receipt, management, storage, and outgoing transportation of household hazardous waste and electronic waste collected from County residents. The enclosed facility will handle waste, as necessary, store waste by different types of waste, and transport waste to appropriate offsite waste recycling/re-use facilities or disposal sites.

In response to comments from the DOH, according to the DEM, two (2) gas monitoring wells GP-R5 and GP-7, as well as, groundwater monitoring well MW-5 will not be impacted at the CML since the wells will be maintained and protected both during and after construction. If not currently equipped with protective measures, such as bollards, then the project would entail installing protections before commencement of construction. Further, if the final grading design requires adjustment of the grades surrounding these installations, then the well and probe casings will be modified to accommodate such grading while maintaining the functionality of the installations. All work will be coordinated with the environmental monitoring program management to ensure access to the installations is maintained during the scheduled monitoring events. Further, the DEM has not made any decision regarding installation of new monitoring wells. However, it will keep the DOH Solid and Hazardous Waste Branch informed of any proposal for new monitoring wells.

The proposed project is not anticipated to adversely impact solid waste services or facilities.

2. Medical Facilities, Police and Fire Protection Services

a. Existing Conditions

The only major medical facility on the island is Maui Memorial Medical Center, which is located in Kahului about seven (7) miles northwest of the

project area. The 213-licensed bed facility provides general, acute, and emergency care services. Clinics and offices throughout the Kahului area offer medical services on a lesser scale.

The project site is within the Maui Police Department's (MPD) service area, the headquarters for which are located in Wailuku. The MPD consists of several patrol, investigative, and administrative divisions.

The Maui County Department of Fire and Public Safety provides fire prevention, suppression, protection, and emergency services to the islands of Maui, Lānaʻi, and Molokaʻi from 14 fire stations and a fire prevention office. The project site is served by the Kahului Fire Station located on Dairy Road.

b. Potential Impacts and Proposed Mitigation Measures

The proposed project is not anticipated to adversely impact the service capabilities for emergency, medical, police, and fire operations. The project is within the existing service area limits for these services.

3. Educational Facilities

a. Existing Conditions

The State Department of Education (DOE) operates several schools in the Kahului region. There are three (3) elementary schools (Kahului, Lihikai, and Pomaikai), one (1) intermediate school (Maui Waena), and one (1) high school (Maui High).

The University of Hawaiʻi-Maui College is the primary higher education institution serving the County with its main campus located in Kahului.

b. Potential Impacts and Proposed Mitigation Measures

The proposed project supports the solid waste operations of the existing DEM CML and does not place additional demand upon educational facilities in the Kahului region.

4. Recreational Facilities

a. Existing Conditions

Diverse recreational opportunities are available in the Kahului region. Shoreline activities, such as fishing, surfing, jogging, camping, picnicking,

snorkeling, swimming, and windsurfing, are available in the Kahului region.

There are several public park facilities in the Kahului region. Kahului includes Ke'opuolani Park, Kanaha Beach Park, and the War Memorial Complex, as well as other smaller parks.

b. Potential Impacts and Proposed Mitigation Measures

As the proposed project is limited to the development of support facilities for the CML, significant adverse impacts on the recreational facilities in the Kahului region are not anticipated.

D. INFRASTRUCTURE

1. Roadways

a. Existing Conditions

Access to the CML is provided from the north side of Pūlehu Road. The transportation network to the project site includes Pūlehu Road, Hansen Road, Hāna Highway, Maui Veterans Highway, and Ho'okele Street in the Kahului Industrial Subdivision, as described below.

Pūlehu Road: A County-owned two-lane roadway that provides access to Upcountry. The speed limit along the roadway varies by segment between 35 miles per hour (mph) to 45 mph. Pūlehu Road fronting the project site has a speed limit of 45 mph.

Hansen Road: A County-owned two-lane rural roadway with a 30 mph speed limit and advisory speeds of 20 mph when the facility curves just south of its intersection with Hāna Highway. The roadway links Maui Veterans Highway and Hāna Highway.

Hāna Highway: A State-owned highway that connects Kahului with the town of Hāna in east Maui that varies from four (4) lanes in Kahului town to two (2) lanes after the signalized intersection with Haleakalā Highway. In the study area, the highway is a 45 mph four-lane arterial that extends east to west and is divided by a median to the Haleakalā Highway intersection.

Maui Veterans
Highway:

Maui Veterans Highway was formerly known as Mokulele Highway. It is a State-owned, four-lane highway that connects Kahului and the Upcountry areas with Kīhei. Maui Veterans Highway begins as a continuation of Pu'unēnē Avenue in Kahului and terminates at the junction with North Kīhei Road and Pi'ilani Highway. It has a posted speed limit of 45 mph.

Ho'okele Street:

A county-owned, four-lane roadway divided by landscaped medians. The roadway provides an alternate connection between Maui Veterans Highway and Hāna Highway and to several existing and future commercial/industrial uses. The speed limit is predominantly 35 mph, but includes advisory speeds of 20 mph as it traverses the more developed commercial frontages and approaches its intersection with Maui Veterans Highway.

b. Potential Impacts and Proposed Mitigation Measures

A Traffic Impact Analysis Report (TIAR) was prepared by Fehr & Peers for the proposed project. See **Appendix "I"**. Traffic counts were conducted in May 2016 as part of preparing the TIAR. The project is expected to be completed by year 2020. The TIAR analyzed the following intersections as part of the study area:

- Pūlehu Road/Ho'okele Street
- Ho'okele Street/Hāna Highway
- Pūlehu Road/Hansen Road
- Maui Veterans Highway/Hansen Road
- Pūlehu Road/Access Road (South Project Driveway)

The Level of Service (LOS) at these intersections for existing, future (without project), and future (with project conditions) are summarized below in **Table 2**.

Table 2. Level of Service Summary

Intersection	Peak Hour	Existing 2016	Future (2020)	
			Without Project	With Project
Pūlehu Road/Ho'okele Street	AM	C	C	C
	PM	C	F	F
Ho'okele Street/Hāna Highway	AM	B	B	B
	PM	B	C	C
Pūlehu Road/Hansen Road	AM	F	F	F
	PM	C	E	F
Maui Veterans Highway/Hansen Road	AM	C	C	C
	PM	B	B	B
Pūlehu Road/Access Road (South Project Driveway)	AM	Future Access	Future Access	B
	PM			A

The TIAR presents the following findings:

1. Three (3) of the existing four (4) intersections currently operate at an acceptable Level of Service (LOS) (LOS C or better). The fourth intersection (Pūlehu Road/Hansen Road) operates at LOS F in the AM peak hour and LOS C in the PM peak hour. Based on a preliminary evaluation, four (4) of the eight (8) standard traffic signal warrants are met at this intersection without the proposed project.
2. The project is estimated to generate 356 net new daily vehicle trips, including 50 trips during the AM peak hour and 47 trips during the PM peak hour.
3. Analysis of future 2020 Conditions (without project) indicates that the Pūlehu Road/Ho'okele Street and Pūlehu Road/Hansen Road intersections would operate at an overall undesirable level (LOS E or F) during the AM peak hour and/or PM peak hour.
4. Analysis of future 2020 Conditions (with project) indicate the Pūlehu Road/Ho'okele Street and Pūlehu Road/Hansen Road intersections would continue to operate at an overall undesirable level (LOS F) during the AM peak hour, PM peak hour or both.
5. While the project would contribute to cumulative traffic operations impacts at the Pūlehu Road/Ho'okele Street and Pūlehu Road/Hansen Road intersections, it only comprises one (1) percent and four (4) percent of the total peak hour traffic at these intersections, respectively.

6. Multi-modal and active transportation facilities (i.e., bicycle and pedestrian facilities and transit services) are not expected to significantly impact the active travel modes and transit given its relative remote location.

As reported in the TIAR, under existing conditions, except for the Pūlehu Road/Hansen Road intersection, the intersections in the vicinity of the CML are operating at acceptable levels. Only during the morning peak hour of traffic, the Pūlehua Road/Hansen Road intersection experiences undesirable traffic delays. Further, these undesirable traffic delays will continue whether the project is implemented or not.

The TIAR recommended the following mitigation measures for the proposed project:

1. At the Pūlehu Road/Ho'okele Street intersection, restriping of the northbound and southbound approaches to include separate left-turn and shared through/right-turn lanes on each approach.
2. At the Pūlehu Road/Hansen Road intersection, installation of an all-way stop control or traffic signal are viable improvements to provide operations that will be equal to or better than pre-project levels. Although an all-way stop control would improve vehicle delays experienced at this location, the AM peak hour operation for the overall intersection would continue to be at LOS F. As an interim measure, the all-way stop can be installed quickly to improve the average delay during peak hours, while arrangements are being made for implementation of a traffic signal. A signal would improve to LOS D operations under 2020 project conditions assuming existing lane configurations are maintained. As a project proposed by a County agency, the County of Maui should plan in its Capital Improvement Program for the installation of the traffic signal when warranted.

Implementation of the proposed traffic mitigation measures is expected to minimize adverse impacts on traffic attributed to the proposed project.

2. **Water**

a. **Existing Conditions**

The project site is located on lands overlying the Pā'ia aquifer. During previous investigations at the CML site, no high-level or perched water

was found. Based on information from the existing monitoring wells, basal groundwater has typically ranged from +1.5 to +3.5 mean sea level (msl) or between 220 feet to 300 feet below ground level.

There is no county water service to the project area. However, there is an existing 10-foot wide waterline easement that traverses the project site in a north to south direction that connects to Pūlehu Road. Also, near Pūlehu Road there is an existing onsite production well located near the southern corner of the project site. The well supplies water to tanker trucks for use in dust control at the landfill at an average daily rate of approximately 19,000 gallons.

There is an existing 100,000 gallon water tank at the existing CML that provides potable water to the bathroom and shower facilities in the administration building and fire protection. Water is hauled to the site. Domestic consumption averages approximately 14,000 gallons per week (approximately 2,500 gallons per day). Current average daily water usage at the landfill and administration building facilities is approximately 21,500 gallons.

b. Potential Impacts and Proposed Mitigation Measures

According to the Preliminary Engineering Report (PER), the County plans to interconnect the existing tank and the existing onsite well (State Well No. 5125-07) in order to eliminate the need to truck water. The onsite well is capable of supplying up to 145,000 gallons per day (GPD). As the supply source for the existing landfill offices/entrance facility, the well will provide an average daily water demand to these existing facilities of approximately 21,500 GPD. The excess capacity from the well is approximately 123,500 GPD and will be able to accommodate the proposed expansion facilities. Based on the Department of Water (DWS) water system standards (2002), the PER estimates that the improvements will require approximately 117,000 GPD, which will result in an average total domestic daily water demand of approximately 138,500 GPD, which is within the capacity of the existing onsite well (145,000 GPD). This average daily demand translates into a maximum daily domestic demand of 176,000 GPD. On a weekly basis, well production capacity of 145,000 GPD equates to 1,015,000 gallons/week. The CML operates six (6) days/week (Monday through Saturday). Therefore, the average weekly water use will be 831,000 gallons (6 days x 138,500 GPD). On a weekly basis, the well production capacity will exceed projected water use by 184,000 gallons.

The PER estimated the total fire flow requirement for the CML is approximately 270,000 GPD. The total water demand (maximum daily demand and fire flow) is approximately 446,000 GPD.

The required reservoir (tank) capacity (100 percent full) is 595,000 gallons. As such, the required water tank will have a capacity of 0.6 million gallons. The new 0.6 million gallon water tank will be located adjacent to and connected to a pump from the existing well (State Well No. 5125-07) which will provide adequate pressure for domestic use and fire flow. A distribution network consisting of 8-inch main lines, 6-inch fire hydrant laterals, and 2-inch laterals to the structures is planned for the proposed project. See **Appendix “J”**.

During early consultation, the DWS recommended the following BMPs to protect ground and surface water resources:

- Prevent cement products, oil, fuel, and other toxic substances from falling or dripping on the ground as this can cause them to leach into the ground. Store them in proper containers on non-porous surfaces and protect them from the elements.
- Properly and promptly dispose of all loosened and excavated soil and debris material from drainage structure work.
- Retain ground cover until the last possible date.
- Stabilize denuded areas by sodding or planting as soon as possible. Replanting should include soil amendments and temporary irrigation. Use high seeding rates to ensure rapid stand establishment.
- Avoid fertilizers and biocides, or apply only during periods of low rainfall to minimize chemical run-off.
- Keep runoff on site.

The DWS has also recommended the following conservation measures:

Indoor Conservation Measures

- Use EPA WaterSense labeled plumbing fixtures;
- Install flow reducers and faucet aerators in all plumbing fixtures wherever possible; and
- Install dual flush toilets with high efficiency models that use 1.28 gallons per flush or less.

Outdoor Conservation Measures

- If irrigating, recommend use of Smart Approved WaterMark irrigation products.
- Avoid plant fertilizing and pruning that would stimulate excessive growth. Time watering to occur in the early morning or evening to limit evaporation. Limit turf to as small an area as possible;
- Use native climate-adapted plants for landscaping. Native plants adapted to the area conserve water and protect the watershed from degradation due to invasive alien species; and
- Dust control: Reclaimed water for dust control is available at the Kahului and Kihei Wastewater Treatment Plant at a reasonable cost. It should be considered as an alternative source of non-potable water for dust control during construction.

With the available water source capacity, proposed improvements and implementation of appropriate recommended BMPs, the proposed project is not expected to have any adverse impacts on water resources.

3. Wastewater

a. Existing Conditions

There are no county wastewater or treatment facilities servicing the project area. The existing administration building at the CML is currently serviced by an individual wastewater system (IWS) consisting of a septic system and leach field.

b. Potential Impacts and Mitigation Measures

Wastewater from the proposed expansion of the CML facilities will also be serviced by new IWS units in accordance with DOH's standards. The new tanks and leach fields will be sized to accommodate the anticipated occupants for each of the expansion areas. The IWS will be sited at least 1,000 feet from any potable water well. Further, septic systems are not allowed within 50 feet of any surface body of water. The nearest surface body of water are two (2) reservoirs approximately one (1) mile north of the project site.

The septic system for the office, consisting of a septic tank, distributor box, and leach field, will be sized to accommodate the Household Hazardous Waste and Electronic Waste Collection and Storage Area and

the Metal Processing Area structures. This septic system will be offset at least 50 feet from the new infiltration Basin "A".

Further, the refuse collection office, truck parking, and maintenance area will also be served by an IWS consisting of a septic tank, distributor box, and leach field and offset a minimum of 50 feet from the new infiltration Basin "B" located to the east of the area.

Each IWS will utilize the largest septic tank size permitted, 1,250 gallons. Based on the percolation rate observed at the CML, the leach field for each IWS will be at least 1,913 square feet with dimensions of 65 feet by 30 feet. Refer to **Appendix "J"**.

With the proposed improvements, the proposed project is not expected to have any adverse impact on existing wastewater infrastructure.

4. **Drainage**

a. **Existing Conditions**

The project site is adjacent to the existing CML along Pūlehu Road. There are no drainage improvements on the project site.

The highest elevation on the project site is located at the southeast corner of the project site at elevation 270 feet amsl. Stormwater runoff sheet flows in a northwest, north and northeast direction into the surrounding agricultural lands. Drainage on the project site is mostly of shallow-channel type.

According to the PER, the existing runoff at the project site is estimated as 46.7 cubic feet per second (cfs). Refer to **Appendix "J"**.

b. **Potential Impacts and Mitigation Measures**

Under developed conditions, the post-development runoff is estimated to be 130.7 cfs, an increase of 84 cfs. Refer to **Appendix "J"**.

Runoff is proposed to be collected in the perimeter asphaltic concrete (AC) paved road drainage ditches with adjacent AC berms and discharged into two (2) proposed infiltration basins. Infiltration Basin "A" is located in the west drainage area and infiltration Basin "B" is located in the north drainage area. Infiltration Basins "A" and "B" have "net" storage capacity of approximately 12,000 and 15,000 cubic yards (cy), or about 7.5 and 9.4 acre-foot, respectively. Stormwater collected in the basins

will discharge primarily by infiltration through the fractured bedrock in which these basins are constructed.

Within the west drainage area, the project area next to Pūlehu Road is graded to drain towards the north/northeast to the AC drainage ditch and berm adjacent to the internal access road next to the property line of the project site. The AC drainage ditch will collect surface runoff and flow northeast to an open top concrete culvert crossing under the access road and discharge into infiltration Basin "A". The concrete culvert will have a traffic-rated cattle crossing-style grate, matching the adjacent road grade, which will bridge over the open top culvert. Infiltration Basin "A" will include an emergency spillway approximately 400 feet long along the north side in case design peak flows are exceeded. A rip rap revetment will provide erosion control over the outer slope of its emergency spillway.

Within the north drainage area, the project area abutting the northern property line of the CML is graded to the northeast. Stormwater will sheet flow over the surfaced operational areas to the graded inlet of infiltration Basin "B". Drainage features, such as curbs and contoured pavement, will be added to this area during final design of the roads and paved operational areas to further define stormwater flow to the basin inlet. Infiltration Basin "B" is proposed to be connected to the adjacent existing 11,000 cy CML Phase IV stormwater basin. If design capacity is exceeded in the event of a major storm, overflow of the combined basin will be conveyed into the adjacent Kalialinui Gulch from the existing Phase IV basin spillway.

In addition to the project infiltration basins being sized to hold 100 percent of the stormwater runoff generated by the proposed project, the completed project will incorporate structural and operational BMPs designed to minimize impacts to stormwater quality resulting from the project's activities.

Structural BMPs will include covered or enclosed areas for activities with high potential to impact stormwater to prevent their exposure to rainfall. The metals processing area, vehicle maintenance area, the household hazardous waste area and warehouse are all covered or enclosed areas providing shelter for activities that could otherwise adversely impact stormwater. Storage of vehicle fluids, solvents, fuels, etc. will occur within these covered areas, when possible. If outdoor storage is necessary, these areas will be equipped with the applicable secondary containment structures to prevent runoff. Additional structural BMPs will include use of diversion berms and swales to direct runoff around and away from steeply

sloped areas and areas with activities that could contribute to stormwater degradation.

Operational practices and procedures are prescribed methods of executing work to minimize pollutant exposure to stormwater. Examples include a policy that vehicle fluid changes and maintenance activities involving fluids will only be conducted inside the covered maintenance area, or scrap vehicles leaking fluids (when delivered to the metals processing area) will only be stored under the canopy and not outdoors. In the case of the construction and demolition material recovery area, storage of fine-grain soils will be minimized to reduce the potential for the erosion of stockpiles and high suspended solids in stormwater.

Good housekeeping will include practices and procedures that maintain the project facilities and areas in a neat and orderly fashion that prevents exposure of pollutants to stormwater. Regular use of a street sweeper on paved areas will minimize build-up of dirt and oils on the road that would otherwise impact stormwater. Regular cleaning and upkeep of the exposed operational areas will also be implemented.

Finally, the implementation of regular inspections and observations of the project areas will ensure structural BMPs are in good working order, to verify the adequacy of the operational BMPs, and to identify and correct deficiencies before storms to ensure minimal impact to stormwater.

During construction, appropriate BMPs will be implemented to minimize impacts not only from stormwater impacts resulting from erosion but impacts associated with air and noise quality. BMPs, such as use of sound attenuating construction equipment, will be used, as well as dust fencing, where practicable, to mitigate noise and air quality impacts. Also, frequent watering of exposed surfaces and measures to contain silt plumes, such as silt curtains around the construction zone, will be implemented to mitigate potential adverse water quality impacts.

With the proposed improvements, implementation of construction, structural and operational BMPs, and regular inspections and observations, the proposed project is not expected to adversely impact drainage and water quality.

5. Electrical and Telephone

a. Existing Conditions

Overhead electrical and telephone service is available to the project site provided by Maui Electric Company (MECO) and Hawaiian Telephone Company. An existing electrical easement in favor of MECO traverses the project site parallel to Pūlehu Road and has been accommodated within the project site plan.

b. Potential Impacts and Mitigation Measures

The proposed project is not anticipated to adversely impact the existing level of electrical and telephone services in the Central Maui region.

E. CUMULATIVE AND SECONDARY IMPACTS

Cumulative impacts are defined by Title 11, Chapter 200, Hawaii Administrative Rules (HAR), Environmental Impact Statement Rules as:

[T]he impact of the environment which results from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless of what agency or person undertakes such other actions. Cumulative impacts can result from individually minor but collectively significant actions taking place over a period of time.

“Secondary impacts” or “indirect effects” are defined by Title 11, Chapter 200, HAR as:

[E]ffects which are caused by the action and are later in time or farther removed in distance, but are still reasonably foreseeable. Indirect effects may include growth inducing effects and other effects related to induced changes in the pattern of land use, population density, or growth rate, and related effects on air and water and other natural systems including ecosystems.

The context for analyzing cumulative and secondary impacts is defined by actions within the “reasonably foreseeable future”.

The proposed project is to implement the County of Maui’s ISWMP in order to accommodate the future solid waste needs for the island of Maui as foreseen in the MIP and the regional community plans for the island of Maui. It is not a necessary precedent for a larger project; a commitment to some larger project; or one of a series of individual actions planned for the CML in the reasonably foreseeable future. The proposed project

is not reliant upon a trigger for any other development within the CML or elsewhere. Further, the proposed facilities will consolidate solid waste operations to the CML area, as well as, implement waste reduction programs to lessen the amount of waste entering the landfill.

The MIP and Wailuku-Kahului Community Plan define the parameters for growth in the reasonably foreseeable future. As will be discussed further in Chapter III, a portion of the proposed project is located within the UGB. Although the project site is designated "Agriculture" on the Wailuku-Kahului Community Plan, it is immediately adjacent to a portion of the existing CML that is also designated "Agriculture". In this context, the proposed project is consistent with the growth and type of development that is envisioned for the area.

The cumulative impacts of the proposed project, together with other reasonably foreseeable actions, will include increased infrastructural demands, such as roadways. Drainage, wastewater, water, and roadway improvements will be implemented with the project to minimize its cumulative effect of such increased demands. The project has evaluated potential impacts and proposed infrastructure systems for the project in the context of future projected regional growth.

With respect to secondary impacts, the proposed project will spur positive economic development opportunities through implementation of the recommendations of the ISWMP to reduce solid waste into the CML and extending the estimated capacity of the landfill beyond 2026.

Given the foregoing, there are no significant adverse cumulative or secondary impacts anticipated with implementation of the proposed project.

**RELATIONSHIP TO
GOVERNMENTAL PLANS,
POLICIES, AND CONTROLS**



III. RELATIONSHIP TO GOVERNMENTAL PLANS, POLICIES, AND CONTROLS

A. STATE LAND USE DISTRICTS

Chapter 205, Hawai'i Revised Statutes (HRS), relating to the State Land Use Commission (SLUC), establishes four (4) major land use districts in which all lands in the state are placed. These districts are designated as "Urban", "Rural", "Agricultural", and "Conservation". The proposed project is located within the State Land Use "Agricultural" district. See **Figure 14**.

The Central Maui Landfill (CML) was established under SLUC Special Permit No. SP86-359 in 1986. Expansion of the landfill area and uses were granted by the SLUC under Special Permit No. SP97-390. Refer to **Appendix "A"**. The proposed approximate 40.8-acre project site is not within the existing State Special Permit (SP) land area. As such, an application to amend Special Permit No. SP97-390 will be submitted by the County of Maui (COM), Department of Environmental Management (DEM). As part of the request to amend SP 97-390, DEM will also be seeking a time extension to the permit to October 31, 2028 for the SP to be consistent with the expiration of the County Special Permit (CUP). As the project area is over 15 acres, the Maui Planning Commission (MPC) will submit its recommendation on the SP amendment and forward it to the SLUC for review and approval as per Chapter 205A, HRS.

Pursuant to Section 15-15-95, Hawai'i LUC Rules, certain "unusual and reasonable" uses may be permitted within the "Agricultural" District. The proposed project is consistent with the guidelines for determining an "unusual and reasonable" use as follows:

1. *The use shall not be contrary to the objectives sought to be accomplished by Chapters 205 and 205A, HRS, and the rules of the Commission.*

Response: The general intent of the State Land Use law is "to preserve, protect and encourage the development of land in the State for those uses which are best suited for and in the interest of the public health and welfare of the State of Hawai'i". The proposed project will serve the public welfare by reducing the amount of waste entering the CML. The majority of the area for the proposed project is contained within the Maui Island Plan's (MIP) designation of the Urban Growth Boundary (UGB) of the directed growth maps. Refer to **Figure 13**. The project will support the government operations of DEM which serves the community, and is not contrary to Chapter 205 and 205A, HRS and the rules of the SLUC.

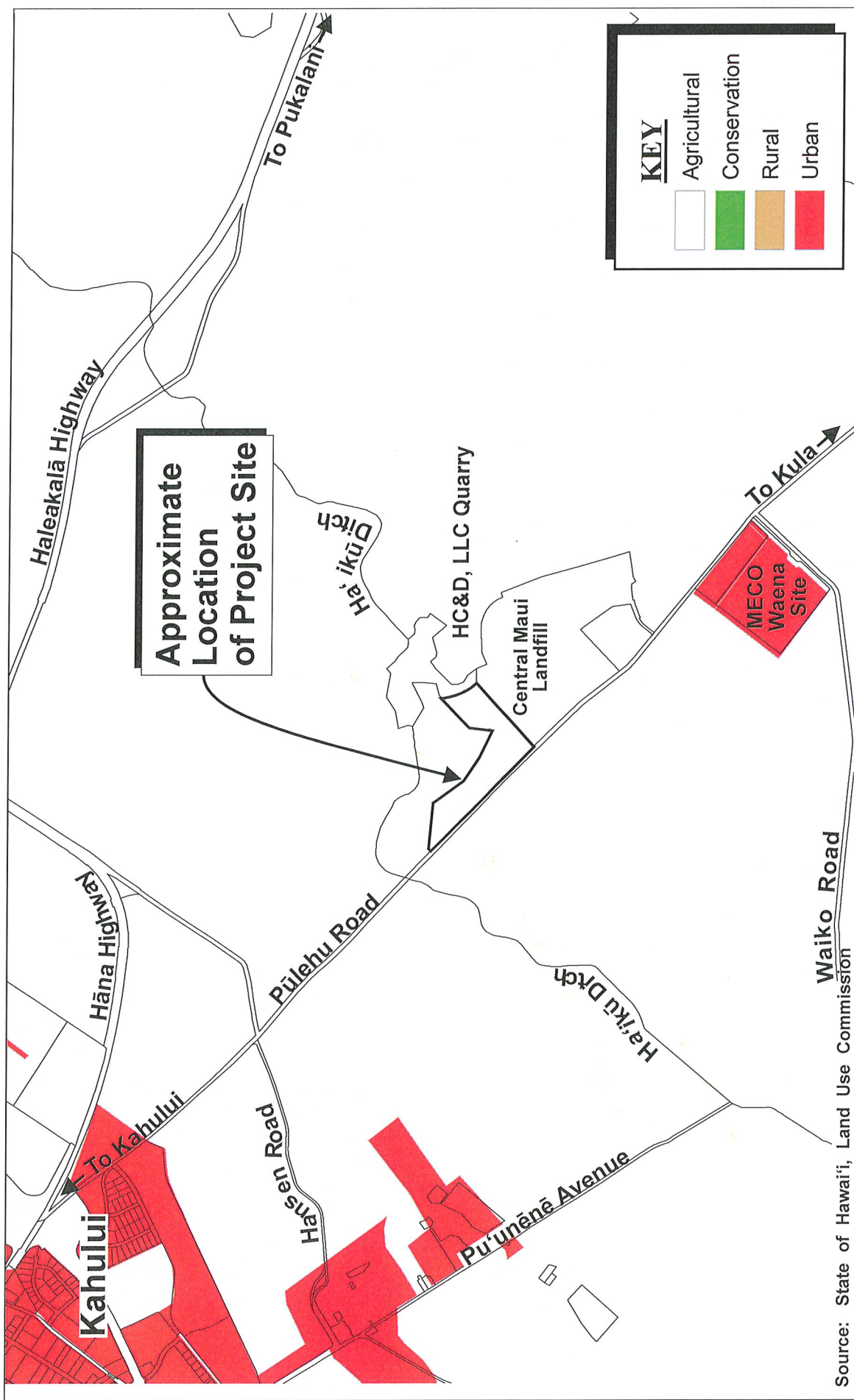


Figure 14 Proposed Central Maui Landfill Facilities Project
State Land Use District Map



Chapter 205A, HRS Coastal Zone Management Program, sets out to preserve, protect and where possible, restore the natural resources of the coastal zone of Hawai'i. The project site is located inland a substantial distance away from the shoreline. As such, the project is not expected to adversely impact coastal zone resources or access to the shoreline.

2. *The desired use would not adversely affect surrounding property.*

Response: The proposed site is located on the north side of Pūlehu Road and is surrounded by former sugar cane fields previously cultivated by Hawaiian Commercial and Sugar Company (HC&S). HC&S ended its sugar cane operations at the end of 2016 and the former sugar cane fields are now fallow. Although currently fallow, the surrounding agricultural lands are expected to continue to be used for agriculture, such as diversified agriculture. The CML and quarry operation have co-existed with the former agricultural use and is expected to continue in the future.

Other industrial type uses are located adjacent to the CML, such as the HC&D Quarry operations. There are no residential or commercial uses in the area. The proposed project is not anticipated to adversely impact agriculture uses that may occur on neighboring lands in the future.

3. *The use would not unreasonably burden public agencies to provide roads and streets, sewers, water, drainage and school improvements, and police and fire protection.*

Response: Access to the CML is from Pūlehu Road. Access to the project site will be provided through a new driveway entrance from Pūlehu Road. Although the landfill is not served by a public or private water service, potable water is hauled to the site and stored in a 100,000 gallon tank. The existing administration building at the landfill is served by an individual wastewater treatment system. Telephone and electrical service is available to the landfill property. Water and wastewater infrastructure upgrades will be implemented to accommodate the increased demand from the new facilities. Although not currently serving the administration building, there is sufficient source capacity from an existing onsite production well for domestic and fire protection which will require a new storage tank. Additional individual wastewater systems (IWS) will be constructed onsite to serve the project uses. The proposed project is intended to support DEM operations and will not burden public services, such as education, police, and fire protection.

4. *Unusual conditions, trends, and needs have arisen since the district boundaries and rules were established.*

Response: The CML was established at the Pūlehu Road site due to the existing quarry operation that left an excavated hole, which was ideal for use as a landfill. Since

1986, as the quarry operation continued, the landfill operation expanded into the excavated areas. The proposed uses and improvements are ancillary to the existing landfill operations and its purpose is to reduce the waste stream entering the landfill. As such, it is appropriate for the new uses and facilities to be located adjacent to the existing CML operations. This expansion will allow the DEM to meet the objectives of the ISWMP, as well as, be located in an area designated for urban type uses in the MIP Directed Growth Map. Refer to **Figure 12**.

5. *The land upon which the proposed use is sought is unsuited for the uses permitted within the district.*

Response: The subject property is suited for the uses permitted within the State “Agricultural” district. However, the project site is a small portion of the total 235,280 acres of agricultural designated lands on Maui, comprising less than 0.02 percent of the total agricultural lands on Maui. Also, the approximately 27,102 acres of A&B’s lands are now available for other agricultural uses, such as diversified agriculture.

As noted previously, the proposed project will provide DEM with a location that allows development and expansion of its operations to meet current objectives. Further, as noted previously, the MIP includes a majority of the project area (including the CML) in the UGB recognizing the future land use needs of the landfill.

In 2009 Alexander and Baldwin, Inc. (A&B), the previous owner of the project site, petitioned the SLUC to designate a portion of the project site as Important Agriculture Lands (IAL). On February 20, 2015, the Declaration of Important Agricultural Lands was filed with the State of Hawai‘i Bureau of Conveyances. Refer to **Appendix “D”**.

Pursuant to §15-15-127(b) of the SLUC Rules, an application for a special permit involving important agricultural lands shall include evidence that the request has been referred to the State Office of Planning (OP) and State Department of Agriculture (DOA) for review and comment and contain as part of the petition any comments or recommendations made by both agencies. Requests for comments and recommendations were mailed to OP and DOA on April 28, 2016 and April 29, 2016, respectively. Refer to **Appendix “D-2”** and **Appendix “D-3”**.

No comments or recommendations were received from DOA. OP commented that the Environmental Assessment (EA) should include detailed information on the previous IAL designation and supporting information for the SP to allow landfill activities on IAL designated lands. Refer to **Appendix “D-4”**. Chapter II, Section A (4) details the previous IAL designation, while this section provides supporting information for the requested amendment to the SP.

Although a portion of the project site is designated as IAL, it is not critical for agriculture, based on the amount of similarly designated land in the area and the State as a whole.

The IAL designated lands portion of the project site represents approximately 22 acres of the 27,102 acres of IAL designated lands on Maui, or approximately 0.08 percent of the total IAL designated lands. The proposed project will not curtail future agricultural use of the surrounding lands as has been demonstrated by the compatibility of the existing CML operations with agriculture since its establishment in 1986.

B. HAWAI'I STATE PLAN

Chapter 226, HRS, also known as the Hawai'i State Plan, is a long-range comprehensive plan which serves as a guide for the future long-term development of the State by identifying goals, objectives, policies, and priorities, as well as implementation mechanisms. The Plan consists of three (3) parts. Part I includes the Overall Theme, Goals, Objectives, and Policies; Part II includes Planning, Coordination, and Implementation; and Part III establishes Priority Guidelines. Inasmuch as Part II of the State Plan covers its administrative structure and implementation process, discussion of the proposed project's applicability to Part II is not appropriate. Below is an analysis of the project's applicability to Part I and Part III of the Hawai'i State Plan.

Hawai'i State Plan, Chapter 226, HRS Part I. Overall Themes, Goals, Objectives and Policies Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable	S	N/S	N/A
HRS 226-1: Findings and Purpose			
HRS 226-2: Definitions			
HRS 226-3: Overall Theme			
HRS 226-4: State Goals. In order to guarantee, for the present and future generations, those elements of choice and mobility that insure that individuals and groups may approach their desired levels of self-reliance and self determination, it shall be the goal of the State to achieve: (1) A strong, viable economy, characterized by stability, diversity, and growth, that enables the fulfillment of the needs and expectations of Hawaii's present and future generations. (2) A desired physical environment, characterized by beauty, cleanliness, quiet, stable natural systems, and uniqueness, that enhances the mental and physical well-being of the people. (3) Physical, social, and economic well-being, for individuals and families in Hawaii, that nourishes a sense of community responsibility, of caring, and of participation in community life.			
Analysis: The proposed project will support DEM's existing and future solid waste management operations on Maui to accommodate anticipated population growth in an area identified for future growth by the MIP.			
Chapter 226-5 Objective and Policies for Population			
Objective: It shall be the objective in planning for the State's population to guide population growth to be consistent with the achievement of physical, economic and social objectives contained in this chapter.	✓		

Hawai'i State Plan, Chapter 226, HRS Part I. Overall Themes, Goals, Objectives and Policies Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable			
S	N/S	N/A	
Policies:			
(1) Manage population growth statewide in a manner that provides increased opportunities for Hawaii's people to pursue their physical, social, and economic aspirations while recognizing the unique needs of each county.	✓		
(2) Encourage an increase in economic activities and employment opportunities on the neighbor islands consistent with community needs and desires.			✓
(3) Promote increased opportunities for Hawaii's people to pursue their socio-economic aspirations throughout the islands.			✓
(4) Encourage research activities and public awareness programs to foster an understanding of Hawaii's limited capacity to accommodate population needs and to address concerns resulting from an increase in Hawaii's population.			✓
(5) Encourage federal actions and coordination among major governmental agencies to promote a more balanced distribution of immigrants among the states, provided that such actions do not prevent the reunion of immediate family members.			✓
(6) Pursue an increase in federal assistance for states with a greater proportion of foreign immigrants relative to their state's population.			✓
(7) Plan the development and availability of land and water resources in a coordinated manner so as to provide for the desired levels of growth in each geographic area.	✓		
Analysis: The proposed project will support DEM's existing and future solid waste management operations on Maui to accommodate anticipated population growth in an area identified for future growth by the MIP.			
Chapter 226-6 Objectives and policies for the economy – – in general			
Objectives: Planning for the State's economy in general shall be directed toward achievement of the following objectives:			
(1) Increased and diversified employment opportunities to achieve full employment, increased income and job choice, and improved living standards for Hawaii's people, while at the same time stimulating the development and expansion of economic activities capitalizing on defense, dual-use, and science and technology assets, particularly on the neighbor islands where employment opportunities may be limited.			✓
(2) A steadily growing and diversified economic base that is not overly dependent on a few industries, and includes the development and expansion of industries on the neighbor islands.			✓
Policies:			
(1) Promote and encourage entrepreneurship within Hawaii by residents and nonresidents of the State.			✓
(2) Expand Hawaii's national and international marketing, communication, and organizational ties, to increase the State's capacity to adjust to and capitalize upon economic changes and opportunities occurring outside			✓

Hawai'i State Plan, Chapter 226, HRS Part I. Overall Themes, Goals, Objectives and Policies Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable	S	N/S	N/A
the State.			
(3) Promote Hawaii as an attractive market for environmentally and socially sound investment activities that benefit Hawaii's people.			✓
(4) Transform and maintain Hawaii as a place that welcomes and facilitates innovative activity that may lead to commercial opportunities.			✓
(5) Promote innovative activity that may pose initial risks, but ultimately contribute to the economy of Hawaii.			✓
(6) Seek broader outlets for new or expanded Hawaii business investments.			✓
(7) Expand existing markets and penetrate new markets for Hawaii's products and services.			✓
(8) Assure that the basic economic needs of Hawaii's people are maintained in the event of disruptions in overseas transportation.			✓
(9) Strive to achieve a level of construction activity responsive to, and consistent with, state growth objectives.			✓
(10) Encourage the formation of cooperatives and other favorable marketing arrangements at the local or regional level to assist Hawaii's small scale producers, manufacturers, and distributors.			✓
(11) Encourage labor-intensive activities that are economically satisfying and which offer opportunities for upward mobility.			✓
(12) Encourage innovative activities that may not be labor-intensive, but may otherwise contribute to the economy of Hawaii.			✓
(13) Foster greater cooperation and coordination between the government and private sectors in developing Hawaii's employment and economic growth opportunities.			✓
(14) Stimulate the development and expansion of economic activities which will benefit areas with substantial or expected employment problems.			✓
(15) Maintain acceptable working conditions and standards for Hawaii's workers.			✓
(16) Provide equal employment opportunities for all segments of Hawaii's population through affirmative action and nondiscrimination measures.			✓
(17) Stimulate the development and expansion of economic activities capitalizing on defense, dual-use, and science and technology assets, particularly on the neighbor islands where employment opportunities may be limited.			✓
(18) Encourage businesses that have favorable financial multiplier effects within Hawaii's economy, particularly with respect to emerging industries in science and technology.			✓
(19) Promote and protect intangible resources in Hawaii, such as scenic beauty and the aloha spirit, which are vital to a healthy economy.			✓

Hawai'i State Plan, Chapter 226, HRS Part I. Overall Themes, Goals, Objectives and Policies Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable			
	S	N/S	N/A
(20) Increase effective communication between the educational community and the private sector to develop relevant curricula and training programs to meet future employment needs in general, and requirements of new or innovative potential growth industries in particular.			✓
(21) Foster a business climate in Hawaii--including attitudes, tax and regulatory policies, and financial and technical assistance programs--that is conducive to the expansion of existing enterprises and the creation and attraction of new business and industry.			✓
Analysis: The objectives and policies for the economy in general are not applicable to the proposed project.			
Chapter 226-7 Objectives and policies for the economy – – agriculture.			
Objectives: Planning for the State's economy with regard to agriculture shall be directed towards achievement of the following objectives:			
(1) Viability of Hawaii's sugar and pineapple industries.			✓
(2) Growth and development of diversified agriculture throughout the State.			✓
(3) An agriculture industry that continues to constitute a dynamic and essential component of Hawaii's strategic, economic, and social well-being.			✓
Policies:			
(1) Establish a clear direction for Hawaii's agriculture through stakeholder commitment and advocacy.			✓
(2) Encourage agriculture by making the best use of natural resources.			✓
(3) Provide the governor and the legislature with information and options needed for prudent decision-making for the development of agriculture.			✓
(4) Establish strong relationships between the agricultural and visitor industries for mutual marketing benefits.			✓
(5) Foster increased public awareness and understanding of the contributions and benefits of agriculture as a major sector of Hawaii's economy.			✓
(6) Seek the enactment and retention of federal and state legislation that benefits Hawaii's agricultural industries.			✓
(7) Strengthen diversified agriculture by developing an effective promotion, marketing, and distribution system between Hawaii's food producers and consumers in the State, nation, and world.			✓
(8) Support research and development activities that strengthen economic productivity in agriculture, stimulate greater efficiency, and enhance the development of new products and agricultural by-products.			✓
(9) Enhance agricultural growth by providing public incentives and encouraging private initiatives.			✓
(10) Assure the availability of agriculturally suitable lands with adequate water to accommodate present and future needs.			✓
(11) Increase the attractiveness and opportunities for an agricultural education and livelihood.			✓

Hawai'i State Plan, Chapter 226, HRS Part I. Overall Themes, Goals, Objectives and Policies Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable			
	S	N/S	N/A
(12) In addition to the State's priority on food, expand Hawaii's agricultural base by promoting growth and development of flowers, tropical fruits and plants, livestock, feed grains, forestry, food crops, aquaculture, and other potential enterprises.			✓
(13) Promote economically competitive activities that increase Hawaii's agricultural self-sufficiency, including the increased purchase and use of Hawaii-grown food and food products by residents, businesses, and governmental bodies as defined under section 103D-104.			✓
(14) Promote and assist in the establishment of sound financial programs for diversified agriculture.			✓
(15) Institute and support programs and activities to assist the entry of displaced agricultural workers into alternative agricultural or other employment.			✓
(16) Facilitate the transition of agricultural lands in economically nonfeasible agricultural production to economically viable agricultural uses.			✓
(17) Perpetuate, promote, and increase use of traditional Hawaiian farming systems, such as the use of loko i'a, māla, and irrigated lo'i, and growth of traditional Hawaiian crops, such as kalo, 'uala, and 'ulu.			✓
(18) Increase and develop small-scale farms.			✓
Analysis: The economic objectives and policies for agriculture are not applicable to the proposed project. The project area is designated for future urban growth to provide for the solid waste needs of Maui's population growth.			
Chapter 226-8 Objective and policies for the economy – – visitor industry.			
Objectives: Planning for the State's economy with regard to the visitor industry shall be directed towards the achievement of the objective of a visitor industry that constitutes a major component of steady growth for Hawaii's economy.			✓
Policies:			
(1) Support and assist in the promotion of Hawaii's visitor attractions and facilities.			✓
(2) Ensure that visitor industry activities are in keeping with the social, economic, and physical needs and aspirations of Hawaii's people.			✓
(3) Improve the quality of existing visitor destination areas by utilizing Hawaii's strengths in science and technology.			✓
(4) Encourage cooperation and coordination between the government and private sectors in developing and maintaining well-designed, adequately serviced visitor industry and related developments which are sensitive to neighboring communities and activities.			✓
(5) Develop the industry in a manner that will continue to provide new job opportunities and steady employment for Hawaii's people.			✓

Hawai'i State Plan, Chapter 226, HRS Part I. Overall Themes, Goals, Objectives and Policies Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable	S	N/S	N/A
(6) Provide opportunities for Hawaii's people to obtain job training and education that will allow for upward mobility within the visitor industry.			✓
(7) Foster a recognition of the contribution of the visitor industry to Hawaii's economy and the need to perpetuate the aloha spirit.			✓
(8) Foster an understanding by visitors of the aloha spirit and of the unique and sensitive character of Hawaii's cultures and values.			✓
Analysis: The proposed project is necessary for the management of Maui's future solid waste needs. The economic objectives and policies of the visitor industry are not applicable.			
Chapter 226-9 Objective and policies for the economy – – federal expenditures.			
Objective: Planning for the State's economy with regard to federal expenditures shall be directed towards achievement of the objective of a stable federal investment base as an integral component of Hawaii's economy.			✓
Policies:			
(1) Encourage the sustained flow of federal expenditures in Hawaii that generates long-term government civilian employment;			✓
(2) Promote Hawaii's supportive role in national defense, in a manner consistent with Hawaii's social, environmental, and cultural goals by building upon dual-use and defense applications to develop thriving ocean engineering, aerospace research and development, and related dual-use technology sectors in Hawaii's economy;			✓
(3) Promote the development of federally supported activities in Hawaii that respect statewide economic concerns, are sensitive to community needs, and minimize adverse impacts on Hawaii's environment;			✓
(4) Increase opportunities for entry and advancement of Hawaii's people into federal government service;			✓
(5) Promote federal use of local commodities, services, and facilities available in Hawaii;			✓
(6) Strengthen federal-state-county communication and coordination in all federal activities that affect Hawaii; and			✓
(7) Pursue the return of federally controlled lands in Hawaii that are not required for either the defense of the nation or for other purposes of national importance, and promote the mutually beneficial exchanges of land between federal agencies, the State, and the counties.			✓
Analysis: The proposed project does not propose to utilize federal resources, as such, Section 226.9 is not applicable.			
Chapter 226-10 Objective and policies for the economy – – potential growth and innovative activities.			
Objective: Planning for the State's economy with regard to potential growth and innovative activities shall be directed towards achievement of the objective of development and expansion of potential growth and innovative activities that serve to increase and diversify Hawaii's economic base.			✓

Hawai'i State Plan, Chapter 226, HRS Part I. Overall Themes, Goals, Objectives and Policies Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable	S	N/S	N/A
<u>Policies:</u>			
(1) Facilitate investment and employment growth in economic activities that have the potential to expand and diversify Hawaii's economy, including but not limited to diversified agriculture, aquaculture, renewable energy development, creative media, health care, and science and technology-based sectors;			✓
(2) Facilitate investment in innovative activity that may pose risks or be less labor-intensive than other traditional business activity, but if successful, will generate revenue in Hawaii through the export of services or products or substitution of imported services or products;			✓
(3) Encourage entrepreneurship in innovative activity by academic researchers and instructors who may not have the background, skill, or initial inclination to commercially exploit their discoveries or achievements;			✓
(4) Recognize that innovative activity is not exclusively dependent upon individuals with advanced formal education, but that many self-taught, motivated individuals are able, willing, sufficiently knowledgeable, and equipped with the attitude necessary to undertake innovative activity;			✓
(5) Increase the opportunities for investors in innovative activity and talent engaged in innovative activity to personally meet and interact at cultural, art, entertainment, culinary, athletic, or visitor-oriented events without a business focus;			✓
(6) Expand Hawaii's capacity to attract and service international programs and activities that generate employment for Hawaii's people;			✓
(7) Enhance and promote Hawaii's role as a center for international relations, trade, finance, services, technology, education, culture, and the arts;			✓
(8) Accelerate research and development of new energy-related industries based on wind, solar, ocean, underground resources, and solid waste;			✓
(9) Promote Hawaii's geographic, environmental, social, and technological advantages to attract new or innovative economic activities into the State;			✓
(10) Provide public incentives and encourage private initiative to attract new or innovative industries that best support Hawaii's social, economic, physical, and environmental objectives;			✓
(11) Increase research and the development of ocean-related economic activities such as mining, food production, and scientific research;			✓
(12) Develop, promote, and support research and educational and training programs that will enhance Hawaii's ability to attract and develop economic activities of benefit to Hawaii;			✓
(13) Foster a broader public recognition and understanding of the potential benefits of new or innovative growth-oriented industry in Hawaii;			✓
(14) Encourage the development and implementation of joint federal and state initiatives to attract federal programs and projects that will support Hawaii's social, economic, physical, and environmental			✓

Hawai'i State Plan, Chapter 226, HRS Part I. Overall Themes, Goals, Objectives and Policies Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable			
	S	N/S	N/A
objectives;			
(15) Increase research and development of businesses and services in the telecommunications and information industries;			✓
(16) Foster the research and development of nonfossil fuel and energy efficient modes of transportation; and			✓
(17) Recognize and promote health care and health care information technology as growth industries.			✓
Analysis: The proposed project is to accommodate the solid waste needs of Maui and is not applicable to the overall themes, goals, objectives, and policies to increase and diversify Hawai'i's economic base.			
Chapter 226-10.5 Objectives and policies for the economy – information industry.			
Objective: Planning for the State's economy with regard to telecommunications and information technology shall be directed toward recognizing that broadband and wireless communication capability and infrastructure are foundations for an innovative economy and positioning Hawaii as a leader in broadband and wireless communications and applications in the Pacific Region.			✓
Policies:			
(1) Promote efforts to attain the highest speeds of electronic and wireless communication within Hawaii and between Hawaii and the world, and make high speed communication available to all residents and businesses in Hawaii;			✓
(2) Encourage the continued development and expansion of the telecommunications infrastructure serving Hawaii to accommodate future growth and innovation in Hawaii's economy;			✓
(3) Facilitate the development of new or innovative business and service ventures in the information industry which will provide employment opportunities for the people of Hawaii;			✓
(4) Encourage mainland- and foreign-based companies of all sizes, whether information technology-focused or not, to allow their principals, employees, or contractors to live in and work from Hawaii, using technology to communicate with their headquarters, offices, or customers located out-of-state;			✓
(5) Encourage greater cooperation between the public and private sectors in developing and maintaining a well-designed information industry;			✓
(6) Ensure that the development of new businesses and services in the industry are in keeping with the social, economic, and physical needs and aspirations of Hawaii's people;			✓
(7) Provide opportunities for Hawaii's people to obtain job training and education that will allow for upward mobility within the information industry;			✓
(8) Foster a recognition of the contribution of the information industry to Hawaii's economy; and			✓

Hawai'i State Plan, Chapter 226, HRS Part I. Overall Themes, Goals, Objectives and Policies Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable		S	N/S	N/A
(9) Assist in the promotion of Hawaii as a broker, creator, and processor of information in the Pacific.				✓
Analysis: The objectives and policies for the information industry are not applicable to the proposed project, which is to provide for the solid waste needs of Maui's population.				
Chapter 226-11 Objectives and policies for the physical environment – – land based, shoreline, and marine resources.				
Objectives: Planning for the State's physical environment with regard to land-based, shoreline, and marine resources shall be directed towards achievement of the following objectives:				
(1) Prudent use of Hawaii's land-based, shoreline, and marine resources.				✓
(2) Effective protection of Hawaii's unique and fragile environmental resources.				✓
Policies:				
(1) Exercise an overall conservation ethic in the use of Hawaii's natural resources.				✓
(2) Ensure compatibility between land-based and water-based activities and natural resources and ecological systems.				✓
(3) Take into account the physical attributes of areas when planning and designing activities and facilities.				✓
(4) Manage natural resources and environs to encourage their beneficial and multiple use without generating costly or irreparable environmental damage.				✓
(5) Consider multiple uses in watershed areas, provided such uses do not detrimentally affect water quality and recharge functions.				✓
(6) Encourage the protection of rare or endangered plant and animal species and habitats native to Hawaii.				✓
(7) Provide public incentives that encourage private actions to protect significant natural resources from degradation or unnecessary depletion.				✓
(8) Pursue compatible relationships among activities, facilities, and natural resources.				✓
(9) Promote increased accessibility and prudent use of inland and shoreline areas for public recreational, educational, and scientific purposes.				✓
Analysis: The objectives and policies for the land based, shoreline and marine physical environment are not applicable to the proposed project. The project site is several miles inland from the shoreline and proposed drainage improvements and implementation of best management practices (BMPs) will minimize land based impacts.				

Hawai'i State Plan, Chapter 226, HRS Part I. Overall Themes, Goals, Objectives and Policies Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable	S	N/S	N/A
Chapter 226-12 Objective and policies for the physical environment – – scenic, natural beauty, and historic resources.			
Objective: Planning for the State's physical environment shall be directed towards achievement of the objective of enhancement of Hawaii's scenic assets, natural beauty, and multi-cultural/historical resources.			✓
Policies:			
(1) Promote the preservation and restoration of significant natural and historic resources.			✓
(2) Provide incentives to maintain and enhance historic, cultural, and scenic amenities.			✓
(3) Promote the preservation of views and vistas to enhance the visual and aesthetic enjoyment of mountains, ocean, scenic landscapes, and other natural features.			✓
(4) Protect those special areas, structures, and elements that are an integral and functional part of Hawaii's ethnic and cultural heritage.			✓
(5) Encourage the design of developments and activities that complement the natural beauty of the islands.			✓
Analysis: The objectives and policies for the physical environment for the scenic, natural beauty and historic resources are not applicable to the proposed project. As former sugar cane cultivated land, scenic, natural beauty, and historic resources were not identified on the project site.			
Chapter 226-13 Objectives and policies for the physical environment – – land, air, and water quality.			
Objectives: Planning for the State's physical environment with regard to land, air, and water quality shall be directed towards achievement of the following objectives.			
(1) Maintenance and pursuit of improved quality in Hawaii's land, air, and water resources.			✓
(2) Greater public awareness and appreciation of Hawaii's environmental resources.			✓
Policies:			
(1) Foster educational activities that promote a better understanding of Hawaii's limited environmental resources.			✓
(2) Promote the proper management of Hawaii's land and water resources.			✓
(3) Promote effective measures to achieve desired quality in Hawaii's surface, ground, and coastal waters.			✓
(4) Encourage actions to maintain or improve aural and air quality levels to enhance the health and well-being of Hawaii's people.			✓
(5) Reduce the threat to life and property from erosion, flooding, tsunamis, hurricanes, earthquakes, volcanic eruptions, and other natural or man-			✓

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	S	N/S	N/A
induced hazards and disasters.			
(6) Encourage design and construction practices that enhance the physical qualities of Hawaii's communities.			✓
(7) Encourage urban developments in close proximity to existing services and facilities.			✓
(8) Foster recognition of the importance and value of the land, air, and water resources to Hawaii's people, their cultures and visitors.			✓
Analysis: The objectives and policies for the land, air, and water quality physical environment are not applicable to the proposed project.			
Chapter 226-14 Objective and policies for facility systems – – in general.			
Objective: Planning for the State's facility systems in general shall be directed towards achievement of the objective of water, transportation, waste disposal, and energy and telecommunication systems that support statewide social, economic, and physical objectives.	✓		
Policies:			
(1) Accommodate the needs of Hawaii's people through coordination of facility systems and capital improvement priorities in consonance with state and county plans.	✓		
(2) Encourage flexibility in the design and development of facility systems to promote prudent use of resources and accommodate changing public demands and priorities.	✓		
(3) Ensure that required facility systems can be supported within resource capacities and at reasonable cost to the user.			✓
(4) Pursue alternative methods of financing programs and projects and cost-saving techniques in the planning, construction, and maintenance of facility systems.			✓
Analysis: As discussed previously, the proposed project will support DEM's existing and future solid waste management operations on Maui to accommodate anticipated population growth in an area identified for future growth by the MIP.			
Chapter 226-15 Objectives and policies for facility systems – – solid and liquid waste.			
Objectives: Planning for the State's facility systems with regard to solid and liquid wastes shall be directed towards the achievement of the following objectives:			
(1) Maintenance of basic public health and sanitation standards relating to treatment and disposal of solid and liquid wastes.	✓		
(2) Provision of adequate sewerage facilities for physical and economic activities that alleviate problems in housing, employment, mobility, and other areas.			✓
Policies:			
(1) Encourage the adequate development of sewerage facilities that complement planned growth.			✓

Hawai'i State Plan, Chapter 226, HRS Part I. Overall Themes, Goals, Objectives and Policies Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable	S	N/S	N/A
(2) Promote re-use and recycling to reduce solid and liquid wastes and employ a conservation ethic.	✓		
(3) Promote research to develop more efficient and economical treatment and disposal of solid and liquid wastes.			✓
Analysis: The proposed project will allow the DEM to implement the DEM's Integrated Solid Waste Management Plan (ISWMP). The ISWMP includes measures to re-use and recycle waste to reduce the stream of solid waste into the CML.			
Chapter 226-16 Objective and policies for facility systems – – water.			
Objective: Planning for the State's facility systems with regard to water shall be directed towards achievement of the objective of the provision of water to adequately accommodate domestic, agricultural, commercial, industrial, recreational, and other needs within resource capacities.			✓
Policies:			
(1) Coordinate development of land use activities with existing and potential water supply.			✓
(2) Support research and development of alternative methods to meet future water requirements well in advance of anticipated needs.			✓
(3) Reclaim and encourage the productive use of runoff water and wastewater discharges.			✓
(4) Assist in improving the quality, efficiency, service, and storage capabilities of water systems for domestic and agricultural use.			✓
(5) Support water supply services to areas experiencing critical water problems.			✓
(6) Promote water conservation programs and practices in government, private industry, and the general public to help ensure adequate water to meet long-term needs.			✓
Analysis: The objectives and policies for water facility systems are not applicable to the proposed project, which is to provide for the solid waste needs of Maui's population.			
Chapter 226-17 Objectives and policies for facility systems – – transportation.			
Objectives: Planning for the State's facility systems with regard to transportation shall be directed towards the achievement of the following objectives:			
(1) An integrated multi-modal transportation system that services statewide needs and promotes the efficient, economical, safe, and convenient movement of people and goods.			✓
(2) A statewide transportation system that is consistent with and will accommodate planned growth objectives throughout the State.			✓
Policies:			
(1) Design, program, and develop a multi-modal system in conformance with desired growth and physical development as stated in this chapter;			✓

Hawai'i State Plan, Chapter 226, HRS Part I. Overall Themes, Goals, Objectives and Policies Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable	S	N/S	N/A
(2) Coordinate state, county, federal, and private transportation activities and programs toward the achievement of statewide objectives;			✓
(3) Encourage a reasonable distribution of financial responsibilities for transportation among participating governmental and private parties;			✓
(4) Provide for improved accessibility to shipping, docking, and storage facilities;			✓
(5) Promote a reasonable level and variety of mass transportation services that adequately meet statewide and community needs;			✓
(6) Encourage transportation systems that serve to accommodate present and future development needs of communities;			✓
(7) Encourage a variety of carriers to offer increased opportunities and advantages to interisland movement of people and goods;			✓
(8) Increase the capacities of airport and harbor systems and support facilities to effectively accommodate transshipment and storage needs;			✓
(9) Encourage the development of transportation systems and programs which would assist statewide economic growth and diversification;			✓
(10) Encourage the design and development of transportation systems sensitive to the needs of affected communities and the quality of Hawaii's natural environment;			✓
(11) Encourage safe and convenient use of low-cost, energy-efficient, non-polluting means of transportation;			✓
(12) Coordinate intergovernmental land use and transportation planning activities to ensure the timely delivery of supporting transportation infrastructure in order to accommodate planned growth objectives; and			✓
(13) Encourage diversification of transportation modes and infrastructure to promote alternate fuels and energy efficiency.			✓
Analysis: The objectives and policies for transportation facility systems are not applicable to the proposed project, which is to provide for the solid waste needs of Maui's population.			
Chapter 226-18 Objectives and policies for facility systems – – energy.			
Objectives: Planning for the State's facility systems with regard to energy shall be directed toward the achievement of the following objectives, giving due consideration to all:			
(1) Dependable, efficient, and economical statewide energy systems capable of supporting the needs of the people;			✓
(2) Increased energy security and self-sufficiency through the reduction and ultimate elimination of Hawaii's dependence on imported fuels for electrical generation and ground transportation.			✓
(3) Greater diversification of energy generation in the face of threats to Hawaii's energy supplies and systems;			✓

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(4) Reduction, avoidance, or sequestration of greenhouse gas emissions from energy supply and use; and			✓
(5) Utility models that make the social and financial interests of Hawaii's utility customers a priority.			✓
(b) To achieve the energy objectives, it shall be the policy of this State to ensure the short- and long-term provision of adequate, reasonably prices, and dependable energy services to accommodate demand.			✓
<u>Policies:</u>			
(1) Support research and development as well as promote the use of renewable energy sources;			✓
(2) Ensure that the combination of energy supplies and energy-saving systems is sufficient to support the demands of growth;			✓
(3) Base decisions of least-cost supply-side and demand-side energy resource options on a comparison of their total costs and benefits when a least-cost is determined by a reasonably comprehensive, quantitative, and qualitative accounting of their long-term, direct and indirect economic, environmental, social, cultural, and public health costs and benefits;			✓
(4) Promote all cost-effective conservation of power and fuel supplies through measures, including:			✓
(A) Development of cost-effective demand-side management programs;			✓
(B) Education;			✓
(C) Adoption of energy-efficient practices and technologies; and			✓
(D) Increasing energy efficiency and decreasing energy use in public infrastructure			✓
(5) Ensure, to the extent that new supply-side resources are needed, that the development or expansion of energy systems uses the least-cost energy supply option and maximizes efficient technologies; and			✓
(6) Support research, development, demonstration, and use of energy efficiency, load management, and other demand-side management programs, practices, and technologies;			✓
(7) Promote alternate fuels and transportation energy efficiency;			✓
(8) Support actions that reduce, avoid, or sequester greenhouse gases in utility, transportation, and industrial sector applications;			✓
(9) Support actions that reduce, avoid, or sequester Hawaii's greenhouse gas emissions through agriculture and forestry initiatives;			✓

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S	N/S	N/A	
		✓	(10) Provide priority handling and processing for all state and county permits required for renewable energy projects;
		✓	(11) Ensure that liquefied natural gas is used only as a cost-effective transitional, limited-term replacement of petroleum for electricity generation and does not impede the development and use of other cost-effective renewable energy sources; and
		✓	(12) Promote the development of indigenous geothermal energy resources that are located on public trust land as an affordable and reliable source of firm power for Hawaii.
Analysis: The objectives and policies of energy facility systems are not applicable to the proposed project, which is to provide for the solid waste needs of Maui's population.			
Chapter 226-18.5 Objectives and policies for facility systems – – telecommunications.			
		✓	Objectives:
		✓	(a) Planning for the State's telecommunications facility systems shall be directed towards the achievement of dependable, efficient, and economical statewide telecommunications systems capable of supporting the needs of the people.
		✓	(b) To achieve the telecommunications objective, it shall be the policy of this State to ensure the provision of adequate, reasonably priced, and dependable telecommunications services to accommodate demand.
Policies:			
		✓	(1) Facilitate research and development of telecommunications systems and resources;
		✓	(2) Encourage public and private sector efforts to develop means for adequate, ongoing telecommunications planning;
		✓	(3) Promote efficient management and use of existing telecommunications systems and services; and
		✓	(4) Facilitate the development of education and training of telecommunications personnel.
Analysis: The objective and policies for telecommunication facility systems are not applicable to the proposed project, which is to provide for the solid waste needs of Maui's population.			
Chapter 226-19 Objectives and policies for socio-cultural advancement – – housing.			
Objectives: Planning for the State's socio-cultural advancement with regard to housing shall be directed toward the achievement of the following objectives:			
		✓	(1) Greater opportunities for Hawaii's people to secure reasonably priced, safe, sanitary, and livable homes, located in suitable environments that satisfactorily accommodate the needs and desires of families and individuals, through collaboration and cooperation between government and nonprofit and for-profit developers to ensure that more affordable housing is made available to very low-, low- and moderate-income

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segments of Hawaii's population.			
(2) The orderly development of residential areas sensitive to community needs and other land uses.			✓
(3) The development and provision of affordable rental housing by the State to meet the housing needs of Hawaii's people.			✓
<u>Policies:</u>			
(1) Effectively accommodate the housing needs of Hawaii's people.			✓
(2) Stimulate and promote feasible approaches that increase housing choices for low-income, moderate-income, and gap-group households.			✓
(3) Increase homeownership and rental opportunities and choices in terms of quality, location, cost, densities, style, and size of housing.			✓
(4) Promote appropriate improvement, rehabilitation, and maintenance of existing housing units and residential areas.			✓
(5) Promote design and location of housing developments taking into account the physical setting, accessibility to public facilities and services, and other concerns of existing communities and surrounding areas.			✓
(6) Facilitate the use of available vacant, developable, and underutilized urban lands for housing.			✓
(7) Foster a variety of lifestyles traditional to Hawaii through the design and maintenance of neighborhoods that reflect the culture and values of the community.			✓
(8) Promote research and development of methods to reduce the cost of housing construction in Hawaii.			✓
<i>Analysis:</i> Although the proposed project will provide solid waste services to future housing, the objectives and policies for the socio-cultural advancement of housing are not applicable to the project.			
Chapter 226-20 Objectives and policies for socio-cultural advancement – – health.			
<u>Objectives:</u> Planning for the State's socio-cultural advancement with regard to health shall be directed towards achievement of the following objectives:			
(1) Fulfillment of basic individual health needs of the general public.			✓
(2) Maintenance of sanitary and environmentally healthful conditions in Hawaii's communities.	✓		
(3) Elimination of health disparities by identifying and addressing social determinants of health.			✓
<u>Policies:</u>			
(1) Provide adequate and accessible services and facilities for prevention and treatment of physical and mental health problems, including substance			✓

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abuse.			
(2) Encourage improved cooperation among public and private sectors in the provision of health care to accommodate the total health needs of individuals throughout the State.			✓
(3) Encourage public and private efforts to develop and promote statewide and local strategies to reduce health care and related insurance costs.			✓
(4) Foster an awareness of the need for personal health maintenance and preventive health care through education and other measures.			✓
(5) Provide programs, services, and activities that ensure environmentally healthful and sanitary conditions.			✓
(6) Improve the State's capabilities in preventing contamination by pesticides and other potentially hazardous substances through increased coordination, education, monitoring, and enforcement.			✓
(7) Prioritize programs, services, interventions, and activities that address identified social determinants of health to improve native Hawaiian health and well-being consistent with the United States Congress' declaration of policy as codified in title 42 United States Code section 11702, and to reduce health disparities of disproportionately affected demographics, including native Hawaiians, other Pacific Islanders, and Filipinos. The prioritization of affected demographic groups other than native Hawaiians may be reviewed every ten years and revised based on the best available epidemiological and public health data.			✓
Analysis: The proposed project provides solid waste services to Maui's population to maintain sanitary and environmentally healthful conditions in Maui communities.			
Chapter 226-21 Objectives and policies for Socio-cultural advancement – – education.			
Objective: Planning for the State's socio-cultural advancement with regard to education shall be directed towards achievement of the objective of the provision of a variety of educational opportunities to enable individuals to fulfill their needs, responsibilities, and aspirations.			✓
Policies:			
(1) Support educational programs and activities that enhance personal development, physical fitness, recreation, and cultural pursuits of all groups.			✓
(2) Ensure the provision of adequate and accessible educational services and facilities that are designed to meet individual and community needs.			✓
(3) Provide appropriate educational opportunities for groups with special needs.			✓
(4) Promote educational programs which enhance understanding of Hawaii's cultural heritage.			✓
(5) Provide higher educational opportunities that enable Hawaii's people to adapt to changing employment demands.			✓

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(6) Assist individuals, especially those experiencing critical employment problems or barriers, or undergoing employment transitions, by providing appropriate employment training programs and other related educational opportunities.				✓
(7) Promote programs and activities that facilitate the acquisition of basic skills, such as reading, writing, computing, listening, speaking, and reasoning.				✓
(8) Emphasize quality educational programs in Hawaii's institutions to promote academic excellence.				✓
(9) Support research programs and activities that enhance the education programs of the State.				✓
Analysis: The objectives and policies for the socio-cultural advancement of education are not applicable to the project, which is to provide for the solid waste needs of Maui's population.				
Chapter 226-22 Objective and policies for socio-cultural advancement – – social services.				
Objective: Planning for the State's socio-cultural advancement with regard to social services shall be directed towards the achievement of the objective of improved public and private social services and activities that enable individuals, families, and groups to become more self-reliant and confident to improve their well-being.				✓
Policies:				
(1) Assist individuals, especially those in need of attaining a minimally adequate standard of living and those confronted by social and economic hardship conditions, through social services and activities within the State's fiscal capacities.				✓
(2) Promote coordination and integrative approaches among public and private agencies and programs to jointly address social problems that will enable individuals, families, and groups to deal effectively with social problems and to enhance their participation in society.				✓
(3) Facilitate the adjustment of new residents, especially recently arrived immigrants, into Hawaii's communities.				✓
(4) Promote alternatives to institutional care in the provision of long-term care for elder and disabled populations.				✓
(5) Support public and private efforts to prevent domestic abuse and child molestation, and assist victims of abuse and neglect.				✓
(6) Promote programs which assist people in need of family planning services to enable them to meet their needs.				✓
Analysis: The objectives and policies for the socio-cultural advancement of social services are not applicable to the project, which is to provide for the solid waste needs of Maui's population.				
Chapter 226-23 Objective and policies for socio-cultural advancement – – leisure.				
Objective: Planning for the State's socio-cultural advancement with regard				✓

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to leisure shall be directed towards the achievement of the objective of the adequate provision of resources to accommodate diverse cultural, artistic, and recreational needs for present and future generations.			
Policies:			
(1) Foster and preserve Hawaii's multi-cultural heritage through supportive cultural, artistic, recreational, and humanities-oriented programs and activities.			✓
(2) Provide a wide range of activities and facilities to fulfill the cultural, artistic, and recreational needs of all diverse and special groups effectively and efficiently.			✓
(3) Enhance the enjoyment of recreational experiences through safety and security measures, educational opportunities, and improved facility design and maintenance.			✓
(4) Promote the recreational and educational potential of natural resources having scenic, open space, cultural, historical, geological, or biological values while ensuring that their inherent values are preserved.			✓
(5) Ensure opportunities for everyone to use and enjoy Hawaii's recreational resources.			✓
(6) Assure the availability of sufficient resources to provide for future cultural, artistic, and recreational needs.			✓
(7) Provide adequate and accessible physical fitness programs to promote the physical and mental well-being of Hawaii's people.			✓
(8) Increase opportunities for appreciation and participation in the creative arts, including the literary, theatrical, visual, musical, folk, and traditional art forms.			✓
(9) Encourage the development of creative expression in the artistic disciplines to enable all segments of Hawaii's population to participate in the creative arts.			✓
(10) Assure adequate access to significant natural and cultural resources in public ownership.			✓
Analysis: The objectives and policies for the socio-cultural advancement of leisure are not applicable to the project, which is to provide for the solid waste needs of Maui's population.			
Chapter 226-24 Objective and policies for socio-cultural advancement – – individual rights and personal well-being.			
Objective: Planning for the State's socio-cultural advancement with regard to individual rights and personal well-being shall be directed towards achievement of the objective of increased opportunities and protection of individual rights to enable individuals to fulfill their socio-economic needs and aspirations.			✓

Hawai'i State Plan, Chapter 226, HRS Part I. Overall Themes, Goals, Objectives and Policies Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable		S	N/S	N/A
<u>Policies:</u>				
(1) Provide effective services and activities that protect individuals from criminal acts and unfair practices and that alleviate the consequences of criminal acts in order to foster a safe and secure environment.				✓
(2) Uphold and protect the national and state constitutional rights of every individual.				✓
(3) Assure access to, and availability of, legal assistance, consumer protection, and other public services which strive to attain social justice.				✓
(4) Ensure equal opportunities for individual participation in society.				✓
<i>Analysis:</i> The objective and policies for socio-cultural advancement of individual rights and personal well-being are not applicable to the project, which is to provide for the solid waste needs of Maui's population.				
Chapter 226-25 Objective and policies for socio-cultural advancement – – culture.				
<u>Objective:</u> Planning for the State's socio-cultural advancement with regard to culture shall be directed toward the achievement of the objective of enhancement of cultural identities, traditions, values, customs, and arts of Hawaii's people.				✓
<u>Policies:</u>				
(1) Foster increased knowledge and understanding of Hawaii's ethnic and cultural heritages and the history of Hawaii.				✓
(2) Support activities and conditions that promote cultural values, customs, and arts that enrich the lifestyles of Hawaii's people and which are sensitive and responsive to family and community needs.				✓
(3) Encourage increased awareness of the effects of proposed public and private actions on the integrity and quality of cultural and community lifestyles in Hawaii.				✓
(4) Encourage the essence of the aloha spirit in people's daily activities to promote harmonious relationships among Hawaii's people and visitors.				✓
<i>Analysis:</i> The objectives and policies for the socio-cultural advancement of culture are not applicable to the project, which is to provide for the solid waste needs of Maui's population.				
Chapter 226-26 Objectives and policies for socio-cultural advancement – – public safety.				
<u>Objective:</u> Planning for the State's socio-cultural advancement with regard to public safety shall be directed towards the achievement of the following objectives:				
(1) Assurance of public safety and adequate protection of life and property for all people.				✓
(2) Optimum organizational readiness and capability in all phases of emergency management to maintain the strength, resources, and social and economic well-being of the community in the event of civil disruptions, wars, natural disasters, and other major disturbances.				✓

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(3) Promotion of a sense of community responsibility for the welfare and safety of Hawaii's people.			✓
<u>Policies:</u>			
(1) Ensure that public safety programs are effective and responsive to community needs.			✓
(2) Encourage increased community awareness and participation in public safety programs.			✓
<u>Policies:</u>			
(1) Support criminal justice programs aimed at preventing and curtailing criminal activities.			✓
(2) Develop a coordinated, systematic approach to criminal justice administration among all criminal justice agencies.			✓
(3) Provide a range of correctional resources which may include facilities and alternatives to traditional incarceration in order to address the varied security needs of the community and successfully reintegrate offenders into the community.			✓
<u>Policies:</u>			
(1) Ensure that responsible organizations are in a proper state of readiness to respond to major war-related, natural, or technological disasters and civil disturbances at all times.			✓
(2) Enhance the coordination between emergency management programs throughout the State.			✓
<i>Analysis:</i> The objectives and policies for the socio-cultural advancement of public safety are not applicable to the project, which is to provide for the solid waste needs of Maui's population.			
Chapter 226-27 Objectives and policies for socio-cultural advancement – – government.			
<u>Objectives:</u> Planning the State's socio-cultural advancement with regard to government shall be directed towards the achievement of the following objectives:			
(1) Efficient, effective, and responsive government services at all levels in the State.	✓		
(2) Fiscal integrity, responsibility, and efficiency in the state government and county governments.	✓		
<u>Policies:</u>			
(1) Provide for necessary public goods and services not assumed by the private sector.	✓		
(2) Pursue an openness and responsiveness in government that permits the flow of public information, interaction, and response.	✓		

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(3) Minimize the size of government to that necessary to be effective.			✓
(4) Stimulate the responsibility in citizens to productively participate in government for a better Hawaii.			✓
(5) Assure that government attitudes, actions, and services are sensitive to community needs and concerns.			✓
(6) Provide for a balanced fiscal budget.			✓
(7) Improve the fiscal budgeting and management system of the State.			✓
(8) Promote the consolidation of state and county governmental functions to increase the effective and efficient delivery of government programs and services and to eliminate duplicative services wherever feasible.			✓
<p>Analysis: The proposed project will allow DEM to expand their landfill facilities and support DEM's mission of managing solid waste on Maui island in accordance with the DEM's ISWMP. The consolidation of solid waste management facilities at the CML will assist DEM in reducing the amount of solid waste entering the landfill.</p> <p>The proposed project is in consonance with the objectives and policies for government services.</p>			

HAWAII STATE PLAN, CHAPTER 226, HRS – PART III. PRIORITY GUIDELINES (Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable)	S	N/S	N/A
Chapter 226-101: Purpose. The purpose of this part is to establish overall priority guidelines to address areas of statewide concern.			
Chapter 226-102: Overall direction. The State shall strive to improve the quality of life for Hawaii's present and future population through the pursuit of desirable courses of action in seven major areas of statewide concern which merit priority attention: economic development, population growth and land resource management, affordable housing, crime and criminal justice, quality education, principles of sustainability, and climate change adaptation.			
Chapter 226-103: Economic priority guidelines.			
(a) Priority guidelines to stimulate economic growth and encourage business expansion and development to provide needed jobs for Hawaii's people and achieve a stable and diversified economy:			
(1) Seek a variety of means to increase the availability of investment capital for new and expanding enterprises.			✓
(A) Encourage investments which:			✓
(i) Reflect long term commitments to the State;			✓
(ii) Rely on economic linkages within the local economy;			✓
(iii) Diversify the economy;			✓

HAWAII STATE PLAN, CHAPTER 226, HRS – PART III. PRIORITY GUIDELINES (Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable)	S	N/S	N/A
(iv) Reinvest in the local economy;			✓
(v) Are sensitive to community needs and priorities; and			✓
(vi) Demonstrate a commitment to provide management opportunities to Hawaii residents; and			✓
(B) Encourage investments in innovative activities that have a nexus to the State, such as:			✓
(i) Present or former residents acting as entrepreneurs or principals;			✓
(ii) Academic support from an institution of higher education in Hawaii;			✓
(iii) Investment interest from Hawaii residents;			✓
(iv) Resources unique to Hawaii that are required for innovative activity; and			✓
(v) Complementary or supportive industries or government programs or projects.			✓
(2) Encourage the expansion of technological research to assist industry development and support the development and commercialization of technological advancements.			✓
(3) Improve the quality, accessibility, and range of services provided by government to business, including data and reference services and assistance in complying with governmental regulations.			✓
(4) Seek to ensure that state business tax and labor laws and administrative policies are equitable, rational, and predictable.			✓
(5) Streamline the processes for building and development permit and review, and telecommunication infrastructure installation approval and eliminate or consolidate other burdensome or duplicative governmental requirements imposed on business, where scientific evidence indicates that public health, safety and welfare would not be adversely affected.			✓
(6) Encourage the formation of cooperatives and other favorable marketing or distribution arrangements at the regional or local level to assist Hawaii's small-scale producers, manufacturers, and distributors.			✓
(7) Continue to seek legislation to protect Hawaii from transportation interruptions between Hawaii and the continental United States.			✓
(8) Provide public incentives and encourage private initiative to develop and attract industries which promise long-term growth potentials and which have the following characteristics:			✓
(A) An industry that can take advantage of Hawaii's unique location and available physical and human resources.			✓
(B) A clean industry that would have minimal adverse effects on Hawaii's environment.			✓
(C) An industry that is willing to hire and train Hawaii's people to meet the industry's labor needs at all levels of employment.			✓
(D) An industry that would provide reasonable income and steady employment.			✓

HAWAII STATE PLAN, CHAPTER 226, HRS – PART III. PRIORITY GUIDELINES			
(Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable)			
	S	N/S	N/A
(9) Support and encourage, through educational and technical assistance programs and other means, expanded opportunities for employee ownership and participation in Hawaii business.			✓
(10) Enhance the quality of Hawaii's labor force and develop and maintain career opportunities for Hawaii's people through the following actions:			✓
(A) Expand vocational training in diversified agriculture, aquaculture, information industry, and other areas where growth is desired and feasible.			✓
(B) Encourage more effective career counseling and guidance in high schools and post-secondary institutions to inform students of present and future career opportunities.			✓
(C) Allocate educational resources to career areas where high employment is expected and where growth of new industries is desired.			✓
(D) Promote career opportunities in all industries for Hawaii's people by encouraging firms doing business in the State to hire residents.			✓
(E) Promote greater public and private sector cooperation in determining industrial training needs and in developing relevant curricula and on- the-job training opportunities.			✓
(F) Provide retraining programs and other support services to assist entry of displaced workers into alternative employment.			✓
(b) Priority guidelines to promote the economic health and quality of the visitor industry:			
(1) Promote visitor satisfaction by fostering an environment which enhances the Aloha Spirit and minimizes inconveniences to Hawaii's residents and visitors.			✓
(2) Encourage the development and maintenance of well-designed, adequately serviced hotels and resort destination areas which are sensitive to neighboring communities and activities and which provide for adequate shoreline setbacks and beach access.			✓
(3) Support appropriate capital improvements to enhance the quality of existing resort destination areas and provide incentives to encourage investment in upgrading, repair, and maintenance of visitor facilities.			✓
(4) Encourage visitor industry practices and activities which respect, preserve, and enhance Hawaii's significant natural, scenic, historic, and cultural resources.			✓
(5) Develop and maintain career opportunities in the visitor industry for Hawaii's people, with emphasis on managerial positions.			✓
(6) Support and coordinate tourism promotion abroad to enhance Hawaii's share of existing and potential visitor markets.			✓
(7) Maintain and encourage a more favorable resort investment climate consistent with the objectives of this chapter.			✓
(8) Support law enforcement activities that provide a safer environment for both visitors and residents alike.			✓
(9) Coordinate visitor industry activities and promotions to business visitors through the state network of advanced data communication techniques.			✓
(c) Priority guidelines to promote the continued viability of the sugar and pineapple industries:			

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	S	N/S	N/A
(1) Provide adequate agricultural lands to support the economic viability of the sugar and pineapple industries.			✓
(2) Continue efforts to maintain federal support to provide stable sugar prices high enough to allow profitable operations in Hawaii.			✓
(3) Support research and development, as appropriate, to improve the quality and production of sugar and pineapple crops.			✓
(d) Priority guidelines to promote the growth and development of diversified agriculture and aquaculture:			
(1) Identify, conserve, and protect agricultural and aquacultural lands of importance and initiate affirmative and comprehensive programs to promote economically productive agricultural and aquacultural uses of such lands.			✓
(2) Assist in providing adequate, reasonably priced water for agricultural activities.			✓
(3) Encourage public and private investment to increase water supply and to improve transmission, storage, and irrigation facilities in support of diversified agriculture and aquaculture.			✓
(4) Assist in the formation and operation of production and marketing associations and cooperatives to reduce production and marketing costs.			✓
(5) Encourage and assist with the development of a waterborne and airborne freight and cargo system capable of meeting the needs of Hawaii's agricultural community.			✓
(6) Seek favorable freight rates for Hawaii's agricultural products from interisland and overseas transportation operators.			✓
(7) Encourage the development and expansion of agricultural and aquacultural activities which offer long-term economic growth potential and employment opportunities.			✓
(8) Continue the development of agricultural parks and other programs to assist small independent farmers in securing agricultural lands and loans.			✓
(9) Require agricultural uses in agricultural subdivisions and closely monitor the uses in these subdivisions.			✓
(10) Support the continuation of land currently in use for diversified agriculture.			✓
(11) Encourage residents and visitors to support Hawaii's farmers by purchasing locally grown food and food products.			✓
(e) Priority guidelines for water use and development:			
(1) Maintain and improve water conservation programs to reduce the overall water consumption rate.			✓
(2) Encourage the improvement of irrigation technology and promote the use of nonpotable water for agricultural and landscaping purposes.			✓
(3) Increase the support for research and development of economically feasible alternative water sources.			✓
(4) Explore alternative funding sources and approaches to support future water development programs and water system improvements.			✓
(f) Priority guidelines for energy use and development:			

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	S	N/S	N/A
(1) Encourage the development, demonstration, and commercialization of renewable energy sources.			✓
(2) Initiate, maintain, and improve energy conservation programs aimed at reducing energy waste and increasing public awareness of the need to conserve energy.			✓
(3) Provide incentives to encourage the use of energy conserving technology in residential, industrial, and other buildings.			✓
(4) Encourage the development and use of energy conserving and cost-efficient transportation systems.			✓
(g) Priority guidelines to promote the development of the information industry:			
(1) Establish an information network, with an emphasis on broadband and wireless infrastructure and capability, that will serve as the foundation of and catalyst for overall economic growth and diversification in Hawaii.			✓
(2) Encourage the development of services such as financial data processing, a products and services exchange, foreign language translations, telemarketing, teleconferencing, a twenty-four-hour international stock exchange, international banking, and a Pacific Rim management center.			✓
(3) Encourage the development of small businesses in the information field such as software development; the development of new information systems, peripherals, and applications; data conversion and data entry services; and home or cottage services such as computer programming, secretarial, and accounting services.			✓
(4) Encourage the development or expansion of educational and training opportunities for residents in the information and telecommunications fields.			✓
(5) Encourage research activities, including legal research in the information and telecommunications fields.			✓
(6) Support promotional activities to market Hawaii's information industry services.			✓
(7) Encourage the location or co-location of telecommunication or wireless information relay facilities in the community, including public areas, where scientific evidence indicates that the public health, safety, and welfare would not be adversely affected.			✓
Analysis: The project site was formerly in sugar cane cultivation but with the closure of HC&S the land is currently fallow. The majority of the project site is located within the UGB on the Directed Growth map of the MIP to accommodate the proposed expansion of services and facilities at the adjacent CML in order to implement the ISWMP and the goal to reduce solid waste entering the CML. Further, the improvements at the CML are necessary to accommodate the future increase in Maui's population.			
Chapter 226-104: Population growth and land resources priority guidelines.			
(a) Priority guidelines to effect desired statewide growth and distribution:			
(1) Encourage planning and resource management to insure that population growth rates throughout the State are consistent with available and planned resource capacities and reflect the needs and desires of Hawaii's people.	✓		

HAWAII STATE PLAN, CHAPTER 226, HRS – PART III. PRIORITY GUIDELINES			
(Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable)			
	S	N/S	N/A
(2) Manage a growth rate for Hawaii's economy that will parallel future employment needs for Hawaii's people.			✓
(3) Ensure that adequate support services and facilities are provided to accommodate the desired distribution of future growth throughout the State.	✓		
(4) Encourage major state and federal investments and services to promote economic development and private investment to the neighbor islands, as appropriate.			✓
(5) Explore the possibility of making available urban land, low-interest loans, and housing subsidies to encourage the provision of housing to support selective economic and population growth on the neighbor islands.			✓
(6) Seek federal funds and other funding sources outside the State for research, program development, and training to provide future employment opportunities on the neighbor islands.			✓
(7) Support the development of high technology parks on the neighbor islands.			✓
(b) Priority guidelines for regional growth distribution and land resource utilization:			
(1) Encourage urban growth primarily to existing urban areas where adequate public facilities are already available or can be provided with reasonable public expenditures, and away from areas where other important benefits are present, such as protection of important agricultural land or preservation of lifestyles.			✓
(2) Make available marginal or nonessential agricultural lands for appropriate urban uses while maintaining agricultural lands of importance in the agricultural district.			✓
(3) Restrict development when drafting of water would result in exceeding the sustainable yield or in significantly diminishing the recharge capacity of any groundwater area.			✓
(4) Encourage restriction of new urban development in areas where water is insufficient from any source for both agricultural and domestic use.			✓
(5) In order to preserve green belts, give priority to state capital-improvement funds which encourage location of urban development within existing urban areas except where compelling public interest dictates development of a noncontiguous new urban core.	✓		
(6) Seek participation from the private sector for the cost of building infrastructure and utilities, and maintaining open spaces.			✓
(7) Pursue rehabilitation of appropriate urban areas.			✓
(8) Support the redevelopment of Kakaako into a viable residential, industrial, and commercial community.			✓
(9) Direct future urban development away from critical environmental areas or impose mitigating measures so that negative impacts on the environment would be minimized.			✓
(10) Identify critical environmental areas in Hawaii to include but not be limited to the following: watershed and recharge areas; wildlife habitats (on land and in the ocean); areas with endangered species of plants and wildlife; natural streams and water bodies; scenic and recreational shoreline resources; open space and natural areas; historic and cultural sites; areas particularly sensitive to reduction in water and air quality; and scenic resources.			✓

HAWAII STATE PLAN, CHAPTER 226, HRS – PART III. PRIORITY GUIDELINES (Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable)		S	N/S	N/A
(11) Identify all areas where priority should be given to preserving rural character and lifestyle.				✓
(12) Utilize Hawaii's limited land resources wisely, providing adequate land to accommodate projected population and economic growth needs while ensuring the protection of the environment and the availability of the shoreline, conservation lands, and other limited resources for future generations.	✓			
(13) Protect and enhance Hawaii's shoreline, open spaces, and scenic resources.				✓
Analysis: As noted previously, the proposed project is necessary to accommodate the future increase in Maui's population. The project site is not located within existing urban areas and a portion is located on IAL, however, the majority of the project site is located in the UGB of the MIP and was acquired by the COM to accommodate the proposed expansion of services and facilities at the CML.				
Chapter 226-105: Crime and criminal justice.				
Priority guidelines in the area of crime and criminal justice:				
(1) Support law enforcement activities and other criminal justice efforts that are directed to provide a safer environment.				✓
(2) Target state and local resources on efforts to reduce the incidence of violent crime and on programs relating to the apprehension and prosecution of repeat offenders.				✓
(3) Support community and neighborhood program initiatives that enable residents to assist law enforcement agencies in preventing criminal activities.				✓
(4) Reduce overcrowding or substandard conditions in correctional facilities through a comprehensive approach among all criminal justice agencies which may include sentencing law revisions and use of alternative sanctions other than incarceration for persons who pose no danger to their community.				✓
(5) Provide a range of appropriate sanctions for juvenile offenders, including community-based programs and other alternative sanctions.				✓
(6) Increase public and private efforts to assist witnesses and victims of crimes and to minimize the costs of victimization.				✓
Analysis: The priority guidelines for crime and criminal justice are not applicable to the proposed project, which is to provide for the solid waste needs of Maui's population.				
Chapter 226-106: Affordable housing.				
Priority guidelines for the provision of affordable housing:				
(1) Seek to use marginal or nonessential agricultural land and public land to meet housing needs of low- and moderate-income and gap-group households.				✓
(2) Encourage the use of alternative construction and development methods as a means of reducing production costs.				✓
(3) Improve information and analysis relative to land availability and suitability for housing.				✓
(4) Create incentives for development which would increase home ownership and rental opportunities for Hawaii's low- and moderate-				✓

HAWAII STATE PLAN, CHAPTER 226, HRS – PART III. PRIORITY GUIDELINES (Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable)				S	N/S	N/A
income households, gap-group households, and residents with special needs.						
(5) Encourage continued support for government or private housing programs that provide low interest mortgages to Hawaii's people for the purchase of initial owner-occupied housing.						✓
(6) Encourage public and private sector cooperation in the development of rental housing alternatives.						✓
(7) Encourage improved coordination between various agencies and levels of government to deal with housing policies and regulations.						✓
(8) Give higher priority to the provision of quality housing that is affordable for Hawaii's residents and less priority to development of housing intended primarily for individuals outside of Hawaii.						✓
Analysis: The priority guidelines for affordable housing are not applicable to the proposed project, which is to provide for the solid waste needs of Maui's population.						
Chapter 226-107: Quality education.						
Priority guidelines to promote quality education:						
(1) Pursue effective programs which reflect the varied district, school, and student needs to strengthen basic skills achievement;						✓
(2) Continue emphasis on general education "core" requirements to provide common background to students and essential support to other university programs;						✓
(3) Initiate efforts to improve the quality of education by improving the capabilities of the education work force;						✓
(4) Promote increased opportunities for greater autonomy and flexibility of educational institutions in their decision making responsibilities;						✓
(5) Increase and improve the use of information technology in education by the availability of telecommunications equipment for:						✓
(A) The electronic exchange of information;						✓
(B) Statewide electronic mail; and						✓
(C) Access to the Internet.						✓
(6) Encourage programs that increase the public's awareness and understanding of the impact of information technologies on our lives;						✓
(7) Pursue the establishment of Hawaii's public and private universities and colleges as research and training centers of the Pacific;						✓
(8) Develop resources and programs for early childhood education;						✓
(9) Explore alternatives for funding and delivery of educational services to improve the overall quality of education; and						✓
(10) Strengthen and expand educational programs and services for students with special needs.						✓
Analysis: The priority guidelines for quality education are not applicable to the proposed project, which is to provide for the solid waste needs of Maui's population.						

HAWAII STATE PLAN, CHAPTER 226, HRS – PART III. PRIORITY GUIDELINES (Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable)			
	S	N/S	N/A
CHAPTER 226-108: Sustainability			
Priority guidelines and principles to promote sustainability shall include:			
(1) Encouraging balanced economic, social, community, and environmental priorities;	✓		
(2) Encouraging planning that respects and promotes living within the natural resources and limits of the State;			✓
(3) Promoting a diversified and dynamic economy;			✓
(4) Encouraging respect for the host culture;			✓
(5) Promoting decisions based on meeting the needs of the present without compromising the needs of future generations;	✓		
(6) Considering the principles of the ahupuaa system; and			✓
(7) Emphasizing that everyone, including individuals, families, communities, businesses, and government, has the responsibility for achieving a sustainable Hawaii.			✓
Analysis: The proposed project will implement sustainability measures in the ISWMP, as feasible, to reduce solid waste entering the CML to meet the present and future needs of Maui's population.			
CHAPTER 226-109: Climate change adaptation			
Priority guidelines and principles to promote climate change adaptation shall include:			
(1) Ensure that Hawaii's people are educated, informed, and aware of the impacts climate change may have on their communities;			✓
(2) Encourage community stewardship groups and local stakeholders to participate in planning and implementation of climate change policies;			✓
(3) Invest in continued monitoring and research of Hawaii's climate and the impacts of climate change on the State;			✓
(4) Consider native Hawaiian traditional knowledge and practices in planning for the impacts of climate change;			✓
(5) Encourage the preservation and restoration of natural landscape features, such as coral reefs, beaches and dunes, forests, streams, floodplains, and wetlands, that have the inherent capacity to avoid, minimize, or mitigate the impacts of climate change;			✓
(6) Explore adaptation strategies that moderate harm or exploit beneficial opportunities in response to actual or expected climate change impacts to the natural and built environments;			✓
(7) Promote sector resilience in areas such as water, roads, airports, and public health, by encouraging the identification of climate change threats, assessment of potential consequences, and evaluation of adaptation options;			✓
(8) Foster cross-jurisdictional collaboration between county, state, and federal agencies and partnerships between government and private entities and other nongovernmental entities, including nonprofit entities;			✓
(9) Use management and implementation approaches that encourage the continual collection, evaluation, and integration of new information and strategies into new and existing practices, policies, and plans; and			✓
(10) Encourage planning and management of the natural and built environments that effectively integrate climate change policy.			✓

HAWAII STATE PLAN, CHAPTER 226, HRS – PART III. PRIORITY GUIDELINES (Key: S = Supportive, N/S = Not Supportive, N/A = Not Applicable)	S	N/S	N/A
Analysis: Although it does not directly support the priority guidelines, the proposed project will implement measures in the ISWMP to reduce solid waste entering the CML to meet the present and future needs of Maui’s population.			

C. AGRICULTURE STATE FUNCTIONAL PLAN, 1991

The Agriculture State Functional Plan, adopted in 1991, is one of 12 State Functional Plans intended to further define the Hawai‘i State Plan. One of the objectives of the Agriculture Functional Plan is “*achievement of productive agricultural use of lands most suitable and needed for agriculture.*” Specifically, it is a policy of the Functional Plan to “*conserve and protect important agricultural lands in accordance with the Hawai‘i State Constitution*” (State of Hawai‘i, Department of Agriculture, 1991). As previously mentioned, a portion of the proposed project is located on lands designated as IAL.

The Agriculture Functional Plan also supports a system of standards, criteria, and procedures “*to redesignate parcels of ‘important agricultural lands’ to ‘urban’ or ‘other use’ upon a demonstrated change of economic or social conditions, where the requested redesignation will provide greater benefits to the public than its retention in the IAL district*” (State of Hawai‘i, Department of Agriculture, 1991). Economic and social conditions have evolved over the past few decades, with the plantation agriculture declining in Hawai‘i. The proposed use of the lands for the DEM landfill facilities would enable the agency to carry out its mission of managing solid waste on Maui island in accordance with DEM’s ISWMP. These uses would also provide long-term public benefit.

D. IMPORTANT AGRICULTURAL LANDS

As discussed previously, a portion of the project site is designated as IAL pursuant to Chapter 205-12, HRS. In 2009, the former owner, Alexander & Baldwin, Inc. (A&B), petitioned the SLUC to designate approximately 27,102 acres of its agricultural lands, including a portion of the project site, as IAL. The SLUC, by action on June 26, 2009, issued Declaratory Order No. DR09-38 designating the A&B lands as IAL. Refer to **Appendix “D”**. As IAL designated lands pursuant to Section 15-15127 of the SLUC Rules, both the State of Hawai‘i OP and State of Hawai‘i DOA were informed by letters dated April 28, 2016 and April 29, 2016, respectively, that a portion of the project site is designated as IAL and requested comments and recommendation. Refer to **Appendix “D-2”** and **Appendix “D-3”**.

OP responded by letter dated May 11, 2016 that the Draft EA should include information regarding the previous IAL designation approval and supporting information on the

request for a State SP to allow landfill activities on IAL designated lands. Refer to **Appendix “D-4”**. No comments were received from the DOA.

Although a portion of the project site is designated as IAL, it is not critical for agriculture, based on the amount of similarly designated land in the area and the State as a whole. The IAL designated lands portion of the project site represents approximately 22 acres of the 27,102 acres of IAL designated lands on Maui or approximately 0.08 percent of the total IAL designated lands. The proposed project will not curtail future agricultural use of the surrounding lands as has been demonstrated by the compatibility of the existing CML operations with agriculture since its establishment in 1986.

According to the ISWMP, a goal of the COM is to divert 60 percent of solid waste generated by the population from the landfill in order to increase the capacity of the landfill up to 2042. The project site will accommodate the following recommended facilities and programs of the ISWMP:

- Recyclable Materials Recovery Facility (MRF)
- Construction and Demolition MRF
- Improved white goods and bulky item collection programs
- Household hazardous waste collection programs
- Increased support for re-use programs

The proposed project will benefit the public by diverting waste from the landfill and improving the efficiency of DEM's solid waste operations through consolidation of its facilities to a central location adjacent to the existing CML.

E. MAUI COUNTY GENERAL PLAN

As indicated by the Maui County Charter, the purpose of the general plan shall be to:

... indicate desired population and physical development patterns for each island and region within the county; shall address the unique problems and needs of each island and region; shall explain opportunities and the social, economic, and environmental consequences related to potential developments; and shall set forth the desired sequence, patterns and characteristics of future developments. The general plan shall identify objectives to be achieved, and priorities, policies, and implementing actions to be pursued with respect to population density; land use maps, land use regulations, transportation systems, public and community facility locations, water and sewage systems, visitor destinations, urban design, and other matters related to development.

Chapter 2.80B of the Maui County Code (MCC), relating to the General Plan and Community Plans, implements the foregoing Charter provision through enabling

legislation which calls for a Countywide Policy Plan and a MIP. The Countywide Policy Plan was adopted as Ordinance No. 3732 on March 24, 2010.

Chapter 2.80B of the MCC, relating to the General Plan and Community Plans, implements the foregoing Charter provision through enabling legislation which calls for a Countywide Policy Plan and a MIP. The Countywide Policy Plan was adopted as Ordinance No. 3732 on March 24, 2010, while the MIP, which delineates areas for future urban and rural growth as part of a Directed Growth Strategy, was adopted as Ordinance No. 4004 on December 28, 2012.

The following sections identify pertinent objectives, policies, implementing actions and related provisions set forth in the Countywide Policy Plan and the MIP. It is recognized that both documents are comprehensive in nature and address a number of functional planning areas which apply to all programs, plans, and projects. However, for purposes of addressing General Plan compliance requirements, policy considerations which are deemed most relevant in terms of compatibility and consistency are addressed in this report section.

1. Countywide Policy Plan

With regard to the Countywide Policy Plan, Section 2.80B.030 of the MCC states the following.

The countywide policy plan shall provide broad policies and objectives which portray the desired direction of the County's future. The countywide policy plan shall include:

1. *A vision for the County;*
2. *A statement of core themes or principles for the County; and*
3. *A list of countywide objectives and policies for population, land use, the environment, the economy, and housing.*

Core principles set forth in the Countywide Policy Plan are listed as follows:

1. *Excellence in the stewardship of the natural environment and cultural resources;*
2. *Compassion for and understanding of others;*
3. *Respect for diversity;*
4. *Engagement and empowerment of Maui County residents;*
5. *Honor for all cultural traditions and histories;*

6. *Consideration of the contributions of past generations as well as the needs of future generations;*
7. *Commitment to self-sufficiency;*
8. *Wisdom and balance in decision making;*
9. *Thoughtful, island appropriate innovation; and*
10. *Nurturance of the health and well-being of our families and our communities.*

Congruent with these core principles, the Countywide Policy Plan identifies goals objectives, policies and implementing actions for pertinent functional planning categories, which are identified as follows:

1. *Natural environment*
2. *Local cultures and traditions*
3. *Education*
4. *Social and healthcare services*
5. *Housing opportunities for residents*
6. *Local economy*
7. *Parks and public facilities*
8. *Transportation options*
9. *Physical infrastructure*
10. *Sustainable land use and growth management*
11. *Good governance*

With respect to the proposed DEM's Central Maui Landfill Facilities project, the following goals, objectives, policies, and implementing actions are illustrative of the project's compliance with the Countywide Policy Plan:

IMPROVE PHYSICAL INFRASTRUCTURE

Goal:

Maui County's physical infrastructure will be maintained in optimum condition and will provide for and effectively serve the needs of the County through clean and sustainable technologies.

Objective:

Improve waste-disposal practices and systems to be efficient, safe, and as environmentally sound as possible.

Policies:

- *Provide sustainable waste-disposal systems and comprehensive, convenient recycling programs to reduce the flow of waste into landfills*
- *Support innovative and alternative practices in recycling solid waste and wastewater and disposing hazardous waste.*
- *Pursue improvements and upgrades to existing wastewater and solid-waste systems consistent with current and future plans and the County's Capital Improvement Program.*

Implementing Action:

Establish recycling, trash-separation, and materials recovery programs and facilities to reduce the flow of waste into landfills.

2. Maui Island Plan

The MIP is applicable to the island of Maui only, providing more specific policy-based strategies for population, land use, transportation, public and community facilities, water and sewage systems, visitor destinations, urban design, and other matters related to future growth.

As provided by Chapter 2.80B, the MIP shall include the following components:

1. *An island-wide land use strategy, including a managed and directed growth plan*
2. *A water element assessing supply, demand and quality parameters*
3. *A nearshore ecosystem element assessing nearshore waters and requirements for preservation and restoration*
4. *An implementation program which addresses the County's 20-year capital improvement requirements, financial program for implementation, and action implementation schedule*

5. *Milestone indicators designed to measure implementation progress of the MIP*

The MIP addresses a number of planning categories with detailed policy analysis and recommendations which are framed in terms of goals, objectives, policies and implementing actions. These planning categories address the following areas:

1. *Population*
2. *Heritage Resources*
3. *Natural Hazards*
4. *Economic Development*
5. *Housing*
6. *Infrastructure and Public Facilities*
7. *Land Use*

A majority of the area for the proposed project is located within the UGB established by the MIP Directed Growth Map. Refer to **Figure 13**.

The proposed project has been reviewed with respect to pertinent goals, objectives, policies and implementing actions of the MIP. A summary of the policy statements consistent with the proposed project are provided below:

INFRASTRUCTURE AND PUBLIC FACILITIES

Solid Waste

According to the MIP, "most of the island's waste goes to the Central Maui Landfill. If nothing is done to divert waste from this landfill through increased recycling and WasteTEC (waste to energy), the landfill capacity will be reached by 2026. Efforts to increase diversion as recommended by the ISWMP could increase landfill capacity until 2042."

Goal:

Maui will have implemented the ISWMP thereby diverting waste from its landfills, extending their capacities.

Objective:

Meet our future solid waste needs with a more comprehensive planning and management strategy.

Policy:

Divert waste from the landfills and educate the public about the recommendations of the ISWMP.

Implementing Action:

Implement the ISWMP through programs/improvements/upgrades of the solid waste management system and the Capital Improvement Project (CIP) budget in a timely manner.

Objective:

Divert at least 60 percent of solid waste from the island's landfills.

Policy:

Encourage environmentally safe waste-to-energy solutions.

Facilitate the reduction of solid waste generated by packaging, food service products, construction waste, etc.

Implementing Action:

Develop regulations, programs, funding opportunities, and/or incentives to:

- (1) Increase recycling of used appliances/furniture/electrical/components/clothing/other household items and recyclable materials;*
- (2) Increase the number of composting centers;*
- (3) Reduce solid wastes generated by packaging, food service products, home construction waste, etc.;*
- (4) Construction materials recovery facilities (MRFs) including a facility in Central Maui, in accordance*

with the ISWMP, and investigate a cost-recovery fee to meet funding needs; and

- (5) *Discourage slow degradable materials, e.g., Styrofoam*

DIRECTED GROWTH PLAN

The MIP establishes a managed and directed growth plan to accommodate population and employment growth in a manner that is fiscally prudent, safeguards the island's natural and cultural resources, enhances the built environment, and preserves land use opportunities for future generations. The Directed Growth Plan provides the framework for future community plan and zoning changes and guides the development of the County's short-term and long-term capital improvement plan budgets.

The Directed Growth Plan includes the UGB, Rural Growth Boundary (RGB), and Small Town Boundary (STB). As noted previously, a majority of the approximate 40.8-acre project site is within the UGB. The UGB plan not only includes the areas within which future urban-density development requiring a full range of services, such as new multi-user sewer and water should go, but also where public infrastructure and services should be planned. The Directed Growth Plan identifies the majority of the project site within the UGB as appropriate for the new facilities at the CML in order to accommodate future solid waste needs of Maui's population. Further, the Directed Growth Plan recognizes that there may be certain land uses that may have unique impacts or requirements that would allow them to occur outside of the growth boundaries.

Exceptions to Development Outside of Growth Boundaries

*During the life of the MIP, there will be a need for certain land uses that may have unique impacts or requirements due to the nature of the use, and would be more appropriately located outside of identified growth boundaries. These land uses may include heavy industrial operations, such as but not limited to, infrastructure facilities, baseyards, quarries, transfer stations, **landfills**, and uses generating noise or odor that are undesirable for an urban environment. (emphasis added)*

F. WAILUKU-KAHULUI COMMUNITY PLAN

Within Maui County, there are nine (9) community plan regions. From a General Plan implementation standpoint, each region is governed by a community plan which sets forth desired land use patterns, as well as goals, objectives, policies, and implementing actions for a number of functional areas including infrastructure-related parameters.

The project area is located within the Wailuku-Kahului Community Plan region, a development plan area that is designated as Agriculture. See **Figure 15**.

The proposed project involves approximately 40.8 acres which represent a small portion of “agricultural” lands on the island and is not anticipated to adversely impact future agricultural uses or future cultivation of surrounding areas. As mentioned previously, the majority of the project site is located within the UGB of the MIP.

The proposed project is in compliance with the following Wailuku-Kahului Community Plan goals, objectives, and policies.

Objectives and Policies:

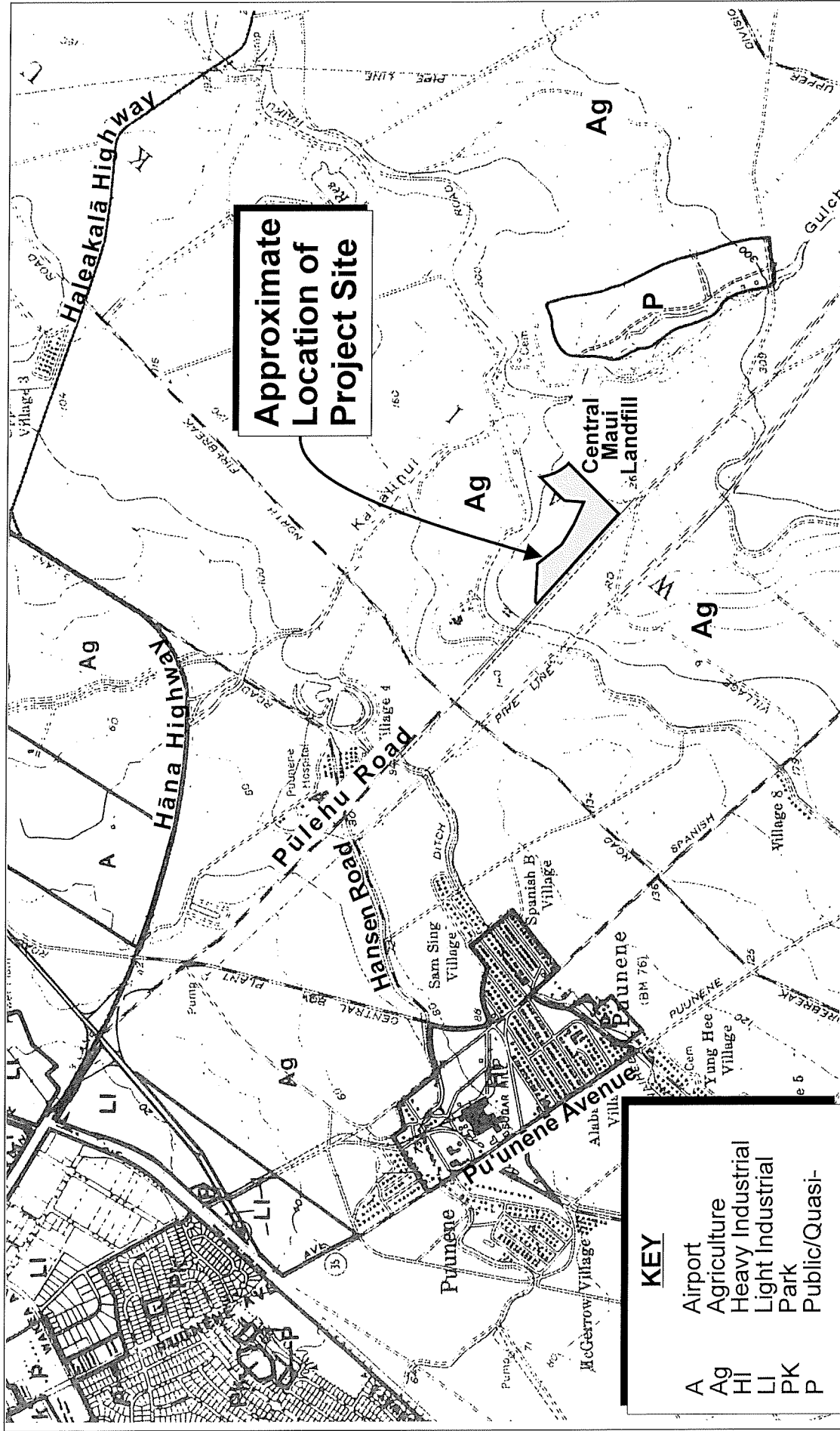
- *As part of a county-wide solid waste management study, address the needs of the planning region for disposal and transfer sites with more convenience to residential areas. The collection system and location of disposal sites need to be improved to better serve residential areas.*
- *Reduce the disposal of solid waste in landfills through reducing the amount of material for disposal at the source (i.e. home composting of lawn or tree trimmings), reuse and recycling programs, bioconversion (i.e. composting) and the provision of convenient drop-off facilities.*

G. COUNTY ZONING

The project site is zoned “Agricultural” District by the COM. Pursuant to Title 19, Maui County Code (MCC), Section 19.30A.060 Special Uses, landfills are identified as a special use in the “Agricultural” District. The MPC on October 28, 2008 granted CUP No. 2008/003 for approximately 70 acres of the CML. The CUP is valid until October 31, 2028. Refer to **Appendix “B”**. The proposed 40.8-acre project site will require an amendment to CUP No. 2008/0003. An application to amend the CUP will be filed with the Department of Planning for processing.

H. INTEGRATED SOLID WASTE MANAGEMENT PLAN

The ISWMP was prepared for the DEM in February 17, 2009. It sets forth goals of diverting 60 percent of Maui’s waste from its landfills, improving infrastructure, and evaluating current technologies, to reduce dependence on landfills. The ISWMP was developed pursuant to the Hawaii Integrated Solid Waste Management Act (Act) codified in HRS Chapter 342(G) which requires that counties “*shall consider the following solid waste management practices and processing methods in their order of priority:*”



Source: County of Maui, Department of Planning

Figure 15 Proposed Central Maui Landfill Facilities Project
Wailuku-Kahului Community Plan Map



NOT TO SCALE

1. Source reduction;
2. Recycling and bioconversion, including composting; and
3. Landfilling and incineration.

The primary focus of the ISWMP's goal is a 60 percent diversion and, secondarily, the use of WasteTEC technology. The ISWMP recommends the County of Maui to not specify a single WasteTEC technology but, on further evaluation, determine what is right for the County. Lastly, that the WasteTEC technology selected must be "proven technology" that, at the planning and design stage, is not limited to mass burn technology.

According to the ISWMP in 2009, the COM had diverted approximately 30 percent of its waste to recycling, composting, and other beneficial uses. The ISWMP estimated that the CML had available capacity until 2026 with adjacent properties available for expansion. According to the MIP, efforts to increase diversion as recommended by the ISWMP could increase landfill capacity until 2042.

Even if the County pursues and implements an alternative disposal method, e.g. waste-to-energy, some portion of the municipal solid waste stream will have to be landfilled.

According to the ISWMP, the infrastructure and programs to achieve the goal of 60 percent diversion included:

- Recyclable Materials Recovery Facility (MRF)
- Construction & Demolition MRF
- Universal curbside collection of refuse, yard waste, and recyclables program
- Expanded composting facilities
- Improved white goods and bulky item collection programs County-wide
- Increased recycling programs for Hāna, Lāna'i and Moloka'i communities
- Increased support and mandates for food waste collection and recycling
- Ordinances and mandates to enforce residential and commercial recycling
- Household hazardous waste collection programs
- Increased support for re-use programs

The proposed project will implement several of these strategies with the various recyclable materials recovery facilities (i.e., abandoned vehicle yard and metals processing facility, construction and demolition material recovery facility, household hazardous waste and electronic waste processing, and holding facility). The project will help the DEM pursue the goal of 60 percent waste diversion from the CML.

I. HAWAI'I COASTAL ZONE MANAGEMENT PROGRAM - OBJECTIVES AND ENFORCEABLE POLICIES

The project site is not within the COM's Special Management Area (SMA). Nevertheless, an assessment of the development plan pursuant to the Hawai'i Coastal Zone Management Program (HCZMP) is provided as follows.

1. Recreational Resources

Objective:

Provide coastal recreational opportunities accessible to the public.

Policies:

- a. *Improve coordination and funding of coastal recreational planning and management; and*
- b. *Provide adequate, accessible, and diverse recreational opportunities in the coastal zone management area by:*
 - i. *Protecting coastal resources uniquely suited for recreational activities that cannot be provided in other areas;*
 - ii. *Requiring replacement of coastal resources having significant recreational value including, but not limited to, surfing sites, fishponds, and sand beaches, when such resources will be unavoidably damaged by development; or requiring reasonable monetary compensation to the state for recreation when replacement is not feasible or desirable;*
 - iii. *Providing and managing adequate public access, consistent with conservation of natural resources, to and along shorelines with recreational value;*
 - iv. *Providing an adequate supply of shoreline parks and other recreational facilities suitable for public recreation;*
 - v. *Ensuring public recreational uses of county, state, and federally owned or controlled shoreline lands and waters having recreational value consistent with public safety standards and conservation of natural resources;*

- vi. *Adopting water quality standards and regulating point and non-point sources of pollution to protect, and where feasible, restore the recreational value of coastal waters;*
- vii. *Developing new shoreline recreational opportunities, where appropriate, such as artificial lagoons, artificial beaches, and artificial reefs for surfing and fishing; and*
- viii. *Encouraging reasonable dedication of shoreline areas with recreational value for public use as part of discretionary approvals or permits by the land use commission, board of land and natural resources, and county authorities; and crediting such dedication against the requirements of Section 46-6, HRS.*

Response: The proposed action is located on the Central Maui isthmus inland of the ocean and is not anticipated to affect existing coastal recreational resources. Access to shoreline areas will remain unaffected by the proposed project.

2. **Historic Resources**

Objective:

Protect, preserve and, where desirable, restore those natural and manmade historic and prehistoric resources in the coastal zone management area that are significant in Hawaiian and American history and culture.

Policies:

- a. *Identify and analyze significant archeological resources;*
- b. *Maximize information retention through preservation of remains and artifacts or salvage operations; and*
- c. *Support state goals for protection, restoration, interpretation, and display of historic resources.*

Response: The archaeological inventory survey conducted on the project site did not find any archaeological sites or cultural deposits. No further work or mitigation is recommended in the Archaeological Assessment Report. Also, from a recent historical perspective and cultural informant information, the project is not anticipated to affect cultural resources.

3. **Scenic and Open Space Resources**

Objective:

Protect, preserve, and, where desirable, restore or improve the quality of coastal scenic and open space resources.

Policies:

- a. *Identify valued scenic resources in the coastal zone management area;*
- b. *Ensure that new developments are compatible with their visual environment by designing and locating such developments to minimize the alteration of natural landforms and existing public views to and along the shoreline;*
- c. *Preserve, maintain, and, where desirable, improve and restore shoreline open space and scenic resources; and*
- d. *Encourage those developments that are not coastal dependent to locate in inland areas.*

Response: As an inland action, the proposed project is not anticipated to adversely impact coastal and scenic open space resources.

4. **Coastal Ecosystems**

Objective:

Protect valuable coastal ecosystems, including reefs, from disruption and minimize adverse impacts on all coastal ecosystems.

Policies:

- a. *Exercise an overall conservation ethic, and practice stewardship in the protection, use, and development of marine and coastal resources;*
- b. *Improve the technical basis for natural resource management;*
- c. *Preserve valuable coastal ecosystems, including reefs, of significant biological or economic importance;*
- d. *Minimize disruption or degradation of coastal water ecosystems by effective regulation of stream diversions, channelization, and similar land and water uses, recognizing competing water needs; and*

- e. *Promote water quantity and quality planning and management practices that reflect the tolerance of fresh water and marine ecosystems and maintain and enhance water quality through the development and implementation of point and nonpoint source water pollution control measures.*

Response: As an inland action, the proposed project is not anticipated to adversely impact coastal ecosystems. The proposed project includes drainage improvements to avoid significant adverse impacts to surrounding properties. Best Management Practices (BMPs) to mitigate stormwater runoff will be implemented as part of the project.

5. **Economic Uses**

Objective:

Provide public or private facilities and improvements important to the State's economy in suitable locations.

Policies:

- a. *Concentrate coastal dependent development in appropriate areas;*
- b. *Ensure that coastal dependent development such as harbors and ports, and coastal related development such as visitor industry facilities and energy generating facilities, are located, designed, and constructed to minimize adverse social, visual, and environmental impacts in the coastal zone management area; and*
- c. *Direct the location and expansion of coastal dependent developments to areas presently designated and used for such developments and permit reasonable long-term growth at such areas, and permit coastal dependent development outside of presently designated areas when:*
 - i. *Use of presently designated locations is not feasible;*
 - ii. *Adverse environmental effects are minimized; and*
 - iii. *The development is important to the State's economy.*

Response: The proposed project will support short-term construction and construction-related jobs while in the long term provide important solid waste management services at the CML.

6. **Coastal Hazards**

Objective:

Reduce hazard to life and property from tsunami, storm waves, stream flooding, erosion, subsidence, and pollution.

Policies:

- a. *Develop and communicate adequate information about storm wave, tsunami, flood, erosion, subsidence, and point and nonpoint source pollution hazards;*
- b. *Control development in areas subject to storm wave, tsunami, flood, erosion, hurricane, wind, subsidence, and point and nonpoint source pollution hazards;*
- c. *Ensure that developments comply with requirements of the Federal Flood Insurance Program; and*
- d. *Prevent coastal flooding from inland projects.*

Response: The project site is located within Zone "X", areas determined to be outside the 0.2 percent annual chance floodplain of minimal flooding and is outside the tsunami evacuation zone. The proposed project includes drainage improvements to avoid significant adverse impacts to surrounding properties.

7. **Managing Development**

Objective:

Improve the development review process, communication, and public participation in the management of coastal resources and hazards.

Policies:

- a. *Use, implement, and enforce existing law effectively to the maximum extent possible in managing present and future coastal zone development;*
- b. *Facilitate timely processing of applications for development permits and resolve overlapping or conflicting permit requirements; and*
- c. *Communicate the potential short and long-term impacts of proposed significant coastal developments early in their life cycle and in terms understandable to the public to facilitate public participation in the planning and review process.*

Response: The proposed project shall be reviewed and processed pursuant to Chapter 343, HRS, and through the SP and CUP amendment permitting processes. Public review will be coordinated through these processes.

8. Public Participation

Objective:

Stimulate public awareness, education, and participation in coastal management.

Policies:

- a. *Promote public involvement in coastal zone management processes;*
- b. *Disseminate information on coastal management issues by means of educational materials, published reports, staff contact, and public workshops for persons and organizations concerned with coastal issues, developments, and government activities; and*
- c. *Organize workshops, policy dialogues, and site-specific mediations to respond to coastal issues and conflicts.*

Response: As noted above, opportunity for public awareness, education and participation pertaining to significant resource attributes of the coastal zone is provided through Chapter 343, HRS procedures, and the SP and CUP amendment review processes which provide for public review of the project.

9. Beach Protection

Objective:

Protect beaches for public use and recreation.

Policies:

- a. *Locate new structures inland from the shoreline setback to conserve open space, minimize interference with natural shoreline processes, and minimize loss of improvements due to erosion;*
- b. *Prohibit construction of private erosion-protection structures seaward of the shoreline, except when they result in improved aesthetic and engineering solutions to erosion at the sites and do not interfere with existing recreational and waterline activities;*
- c. *Minimize the construction of public erosion-protection structures seaward of the shoreline;*

- d. *Prohibit private property owners from creating a public nuisance by inducing or cultivating the private property owner's vegetation in a beach transit corridor; and*
- e. *Prohibit private property owners from creating a public nuisance by allowing the private property owner's unmaintained vegetation to interfere or encroach upon a beach transit corridor.*

Response: As an inland action, the proposed project will not impact shoreline activities, and as such adverse impacts to beach processes are not expected.

10. **Marine Resources**

Objective:

Promote the protection, use, and development of marine and coastal resources to assure their sustainability.

Policies:

- a. *Ensure that the use and development of marine and coastal resources are ecologically and environmentally sound and economically beneficial;*
- b. *Coordinate the management of marine and coastal resources and activities to improve effectiveness and efficiency;*
- c. *Assert and articulate the interests of the State as a partner with federal agencies in the sound management of ocean resources within the United States exclusive economic zone;*
- d. *Promote research, study, and understanding of ocean processes, marine life, and other ocean resources to acquire and inventory information necessary to understand how ocean development activities relate to and impact upon ocean and coastal resources; and*
- e. *Encourage research and development of new, innovative technologies for exploring, using, or protecting marine and coastal resources.*

Response: As an inland action, the proposed project will not impact marine resources.

In addition to the foregoing objectives and policies and pursuant to Act 224 (2005):

No special management area use permit or special management area minor permit shall be granted for structures that allow artificial light from

floodlights, uplights, or spotlights used for decorative or aesthetic purposes when the light:

- (1) Directly illuminates the shoreline and ocean waters; or*
- (2) Is directed to travel across property boundaries toward the shoreline and ocean waters.*

Further, this prohibition shall not apply to authorized users for government operations, security, public safety, or navigational needs; provided that a government agency or its authorized users shall make reasonable efforts to properly position or shield lights to minimize adverse impacts.

Response: The proposed project is located inland of the shoreline. The DEM will utilize shield light fixtures in compliance with applicable provisions of the COM's outdoor lighting ordinance.

ALTERNATIVES

IV

IV. ALTERNATIVES

A. PREFERRED ALTERNATIVE

According to the Integrated Solid Waste Management Plan (ISWMP), even if the County of Maui (COM) pursues an alternative disposal method such as waste-to-energy some portion of the municipal solid waste stream will need to be landfilled. Further, implementation of the ISWMP to reach its goal of 60 percent diversion of solid waste from the landfills, will require improvements to its infrastructure, facilities and services at the Central Maui Landfill (CML). The Maui County Council in 2012 approved the purchase of additional lands adjacent to the CML property in order to implement the needed improvements of its facilities.

The Preferred Alternative is to improve the solid waste management facilities at the CML on an approximate 40.8- acre portion of the subject property. In accordance with the recommendations of the ISWMP, the proposed improvements include: (1) office; (2) abandoned vehicles area; (3) metals processing area; (4) open construction and demolition material recovery area; (5) household hazardous waste and electronic waste processing and storage area; (6) warehouse building and storage area; (7) refuse collection office, truck parking, and maintenance area; (8) drainage basins; and (9) associated infrastructure. The Preferred Alternative will enable the COM to reach its goal to divert 60 percent of its solid waste from the landfills.

B. DEFERRED ACTION

The Deferred Action Alternative means the COM would delay implementation of the proposed facility improvements at the CML. This may mean the capacity of the landfill may be reached before the estimated year 2030 as well as delay the COM's goal to reach 60 percent diversion of solid waste from the landfill. As such, the Deferred Action Alternative is not considered to be a viable alternative.

C. NO ACTION

Similar to the Deferred Action Alternative, the No Action Alternative would mean the COM would not be able to implement the proposed improvements at the CML in a timely manner in order to meet the goals of the ISWMP. As such, the diversion of solid waste from the landfills by 60 percent in order to expand the life of the landfill beyond the COM estimate of 2030 will not be reached. Failure to divert 60 percent of the solid waste and expand the life of the landfill beyond the estimated year 2030 may mean capacity will be reached sooner and closure of the CML would occur.

**SUMMARY OF ADVERSE
ENVIRONMENTAL EFFECTS
THAT CANNOT BE AVOIDED**



V. SUMMARY OF ADVERSE ENVIRONMENTAL EFFECTS THAT CANNOT BE AVOIDED

Implementation of the proposed project at the Central Maui Landfill (CML) will result in certain unavoidable construction-related impacts as outlined in Chapter II.

Construction associated with the proposed project will generate short-term noise, air and water quality impacts. These impacts will be limited to the immediate vicinity of the project construction area. Best Management Practices (BMPs) such as use of sound attenuating construction equipment, will be used, where practicable, to mitigate noise impacts caused by construction. In the long term, ambient noise conditions at the CML are not expected to be significantly adversely impacted by the proposed improvements.

Unavoidable air and water quality impacts will also arise as a result of construction activities, such as generation of dust and other airborne pollutants and the increase in turbidity from erosion from wind and stormwater runoff during grading and construction activity. To mitigate adverse impacts, appropriate BMPs including frequent watering of exposed surfaces and appropriate BMPs to contain silt plumes during construction, such as silt curtains around the construction zone, will be implemented to mitigate potential adverse water quality impacts. In the long term, appropriate drainage improvements, including infiltration basins will be constructed to handle stormwater runoff from the project area.

Once the facilities are in operation, there will be water, air, and noise impacts from the industrial type uses, such as from the construction and demolition (C&D) processing area, metal processing area and abandoned vehicles area. Structural and operational BMPs are proposed to minimize these impacts, as well as regular monitoring and observations to ensure that structural BMPs are in good working order, to verify the adequacy of the operational BMPs, and to identify and correct deficiencies before storms to ensure minimal impact to stormwater.

Air quality impacts from operations at the project site will be primarily particulate material from vehicle movements over unpaved areas and from materials handling, and CO, NOX, and ozone precursor emissions from the operation of equipment powered by internal combustion engines. BMPs for dust control will be implemented to minimize potential air quality impacts. Emissions from internal combustion engines will be minimized through proper operation and maintenance of the engines in accordance with the manufacturer's recommendations and in compliance with applicable rules and regulations. Some of the operations and activities to be undertaken at the project site could entail handling or processing of odorous or odor causing materials, as well as from odorous items that may fall or drip from parked refuse trucks. Timely removal of these materials and regular cleaning of the refuse trucks will minimize odor impacts. Further, operational emissions associated with internal combustion engines of vehicles and heavy equipment will be minimized through proper operation and maintenance of the engines.

There will also be some potential for noise impacts to occupants of vehicles traveling along Pūlehū Road generated by the project operations of the C&D processing area and the metals processing area from the handling and processing of heavy materials. To minimize noise impacts, the operations with the most potential for noise will be setback as far away as possible from Pūlehū Road or in locations which provide topographical separation between the noise sources and Pūlehū Road. Heavy equipment used within the project facilities will be maintained to ensure proper operating conditions to minimize noise, as well as fitted with any noise suppression equipment that may be required.

Development of the proposed improvements at the CML will use existing county-owned land, energy, and fiscal resources. The commitment of land, energy, and fuel resources is justified by the public benefits in managing the solid waste needs of the increasing population of Maui island beyond the estimated available landfill capacity of 2030.

**SIGNIFICANCE CRITERIA
ASSESSMENT**

VI

VI. SIGNIFICANCE CRITERIA ASSESSMENT

The proposed project has been evaluated in accordance with the Significance Criteria of Department of Health (DOH), Section 11-200-12 of the Hawai'i Administrative Rules (HAR), Title 11, Chapter 200, "Environmental Impact Statement Rules", to determine whether the proposed project will have significant impacts on the environment. The following criteria and analysis are provided.

1. **Involves an irrevocable commitment to loss or destruction of any natural or cultural resources.**

The project area was formerly used for sugar cane cultivation purposes but it is currently fallow. Although the project area has been substantially altered due to agricultural activity, an Archaeological Assessment Report was prepared by Scientific Consultant Services, Inc. No archaeological sites or cultural deposits were found. No further work or mitigation is recommended.

Cultural interviews conducted with informants familiar with the project area did not disclose any cultural resources and were unaware of any traditional cultural practices in the project area, such as gathering, access or religious traditions.

As mentioned above, the project area has been altered due to the past agricultural activity and no significant adverse impacts on natural resources are anticipated.

The proposed improvements at the Central Maui Landfill (CML) are not expected to result in any significant adverse impacts to any natural or cultural resources.

2. **Curtails the range of beneficial uses of the environment.**

The proposed project supports the mission of the Department of Environmental Management (DEM) to provide reliable solid waste services to the people of Maui island and as such, the proposed project will not curtail the range of beneficial uses of the environment.

3. **Conflicts with the State's long-term environmental policies or goals and guidelines as expressed in Chapter 344, HRS, and any revisions thereof and amendments thereto, court decisions, or executive orders.**

The proposed project conforms with the State's Environmental Policy and Guidelines as set forth in Chapter 344, Hawai'i Revised Statutes (HRS) and supports the mission of DEM to provide reliable solid waste services to the people of Maui island.

4. **Substantially affects the economic welfare, social welfare, and cultural practices of the community and State.**

In the short term, the proposed project will directly benefit the local economy by providing construction related employment. Over the long term, the proposed project will support the DEM's mission to provide reliable solid waste services to the people of Maui island, as well as provide additional services and employment at the new facilities to be constructed. This will have a positive effect on the economic and social welfare. As previously noted, adverse impacts to cultural practices are not anticipated.

5. **Substantially affects public health.**

The proposed project will ensure that the people of Maui island continue to enjoy reliable solid waste services beyond the estimated capacity limit of the CML by the year 2030. With the project, there will be no significant adverse impacts to public health and welfare.

6. **Involves substantial secondary impacts, such as population changes or effects on public facilities.**

The proposed project is not a population generator and is not expected to significantly expand the service limits or requirements of public services such as police, fire, medical, or educational, and recreational. The proposed project will ensure that public solid waste services continue to be provided beyond the estimated landfill capacity limit (2030) of the CML.

No substantial adverse secondary impacts are anticipated with the implementation of the proposed project.

7. **Involves a substantial degradation of environmental quality.**

Aside from the short-term impacts related to dust, noise, and water quality during the construction phase, there will not be substantial degradation of environmental quality. Potential dust, noise, and erosion impacts associated with construction will be mitigated through implementation of appropriate BMPs. During operations associated with the improvement impacts from dust, noise, and water quality is anticipated and will be minimized through implementation of appropriate structural and operational BMPs.

As noted previously, the proposed project supports the mission of the DEM to provide reliable solid waste services to the people of Maui island.

8. **Is individually limited but cumulatively has considerable effect upon the environment or involves a commitment for larger actions.**

The proposed project does not involve a commitment to a larger action nor does it present potential for cumulative impacts on the environment.

From a future land use perspective, the majority of the project site (including the CML) is within the Urban Growth Boundary (UGB) of the Maui Island Plan (MIP). Development of the project area will transition the area to urban type uses as envisioned by the MIP.

Appropriate mitigation measures and/or regulatory oversight processes have been identified to ensure potential cumulative impacts are managed, such that adverse conditions affecting the natural and man-made environments are minimized.

9. **Substantially affects a rare, threatened, or endangered species, or its habitat.**

Though currently fallow, the project area has been altered by years of sugar cane cultivation. A Biological Survey conducted by biologist Robert Hobdy found no known rare, threatened, or endangered species of flora or fauna at or around the project area and the project area contains no critical habitat for such species.

However, comments from the U.S. Fish and Wildlife Service (USFWS) noted that there were five (5) listed species possibly in the vicinity of the project. USFWS recommended mitigation measures to minimize impacts on these species. The DEM will implement the recommended USFWS mitigation measures.

Given these conditions, significant adverse impacts on rare, threatened, or endangered species are not anticipated as a result of the proposed action.

10. **Detrimentially affects air or water quality or ambient noise levels.**

Construction activities will result in short-term noise, air and water quality impacts. Appropriate noise, air and water quality control measures, such as, maintenance of construction equipment, dust control measures (regular watering and sprinkling, and installation of dust fences) and erosion control measures, will be implemented during grading and construction activities. State and County regulations, such as the DOH, HAR, Title 11, Chapter 46, "Community Noise Control" will be complied with. Appropriate permits, if required, such as a noise permit and National Pollutant Discharge Elimination System (NPDES) Permit will be obtained prior to the initiation of any construction activity.

The proposed project is not anticipated to detrimentally affect air or water quality or ambient noise levels.

11. **Affects or likely to suffer damage by being located in an environmentally sensitive area such as a flood plain, tsunami zone, beach, erosion-prone area, geologically hazardous land, estuary, fresh water, or coastal waters.**

The CML improvements are not located in an environmentally sensitive area, and, as such, no significant adverse impacts are anticipated in regards to this environmental resource consideration.

12. **Substantially affects scenic vistas and viewplanes identified in county or State plans or studies.**

Scenic vistas from the project site are primarily the view of Haleakalā Mountain to the east and northshore coastline from Waihe'e to Paia, as well as the surrounding agricultural fields. The large expanse of open space agricultural lands surrounding the CML is expected to minimize the visual impact of the CML improvements, such that there will not be any substantial effects on scenic vistas or viewplanes.

13. **Requires substantial energy consumption.**

The CML improvements will involve the commitment of fuel for construction equipment, vehicles and machinery during construction, operation, and maintenance activities. Coordination with Maui Electric Company, Ltd. (MECO) will be undertaken to determine the energy needs of the CML improvements.

Based on the foregoing analysis, it is anticipated that the proposed project will result in a Finding of No Significant Impact (FONSI).

**LIST OF PERMITS
AND APPROVALS**

VII

VII. LIST OF PERMITS AND APPROVALS

The following Federal, State, and County permits and approvals are anticipated for project implementation:

State of Hawai'i:

Hawai'i Revised Statutes, Chapter 343 Compliance

State Land Use Special Permit Amendment

National Pollutant Discharge Elimination System (NPDES) Permit

Section 401 Water Quality Certification, as applicable

Clean Air Permit, as applicable

Noise Permit, as applicable

Solid Waste Management Permit

State Department of Transportation Highways Permit, as applicable

County of Maui:

County Special Use Permit Amendment

Building Permit

Construction Permit (i.e. grading, electrical, plumbing)

**AGENCIES CONSULTED
DURING THE PREPARATION
OF THE DRAFT
ENVIRONMENTAL
ASSESSMENT; LETTERS
RECEIVED AND RESPONSES
TO SUBSTANTIVE COMMENTS**

VIII

VIII. AGENCIES CONSULTED DURING THE PREPARATION OF THE DRAFT ENVIRONMENTAL ASSESSMENT; LETTERS RECEIVED AND RESPONSES TO SUBSTANTIVE COMMENTS

The following agencies were consulted during preparation of the Draft Environmental Assessment (EA). Agency comments and responses to substantive comments are included herein.

Federal:

1. Lt. Furyisa Miller
U.S. Coast Guard
Fourteenth Coast Guard District
300 Ala Moana
Boulevard, Room 9-204
Honolulu, Hawaii 96850-4982
2. Larry Yamamoto, State
Conservationist
Natural Resources Conservation
Service
U.S. Department of Agriculture
P.O. Box 50004
Honolulu, Hawaii 96850-0001
3. Ranae Ganske-Cerizo, Soil
Conservationist
Natural Resources Conservation
Service
U.S. Department of Agriculture
77 Hookele Street, Suite 202
Kahului, Hawaii 96732
4. Shelly Lynch, Chief, Regulatory
Branch
U.S. Department of the Army
U.S. Army Engineer District,
Honolulu
Regulatory Branch, Building 230
Fort Shafter, Hawaii 96858-5440

5. Wayne Nastri, Regional
Administrator
U.S. Environmental Protection
Agency
Region 9, Pacific Islands
P.O. Box 50003
Honolulu, Hawaii 96850
6. Kristi Young, Acting Field Supervisor
U. S. Fish and Wildlife Service
300 Ala Moana Blvd., Rm. 3-122
Box 50088
Honolulu, Hawaii 96850

State:

7. Douglas G. Murdock, Comptroller
Department of Accounting and
General Services
1151 Punchbowl Street, #426
Honolulu, Hawaii 96813
8. Scott Enright, Chair
Department of Agriculture
1428 South King Street
Honolulu, Hawaii 96814-2512
9. Craig Hirai, Executive Director
Hawaii Housing Finance and
Development Corporation
677 Queen Street
Honolulu, Hawaii 96813

10. Luis P. Salaveria, Director
State of Hawaii
Department of Business, Economic
Development & Tourism
P.O. Box 2359
Honolulu, Hawaii 96804
11. Virginia "Ginny" Pressler, MD, MBA,
FACS, Director
State of Hawaii
Department of Health
919 Ala Moana Blvd., Room 300
Honolulu, Hawaii 96814
12. Alec Wong, P.E., Chief
Clean Water Branch
State of Hawaii
Department of Health
919 Ala Moana Blvd., Room 300
Honolulu, Hawaii 96814
13. State of Hawaii
Solid Hazardous Waste
919 Ala Moana Blvd., Room 212
Honolulu, Hawaii 96814
14. Sina Pruder
State of Hawaii
Department of Health
Wastewater Branch
919 Ala Moana Blvd., Room 309
Honolulu, Hawaii 96814
15. Jeffrey Eckerd
State of Hawaii
Department of Health
Indoor and Radiological Branch
591 Ala Moana Blvd.
Honolulu, Hawaii 96813
16. Patti Kitkowski
State of Hawaii
Department of Health
Maui Sanitation Branch
54 South High Street, Room 300
Wailuku, Hawaii 96793
17. Laura McIntyre, AICP
State of Hawaii
Environmental Planning Office
Department of Health
919 Ala Moana Blvd., Suite 312
Honolulu, Hawaii 96814
18. Lene Ichinotsubo
State of Hawaii
Department of Health
919 Ala Moana Blvd., Room 212
Honolulu, Hawaii 96814
19. Linda Chu Takayama, Director
State of Hawaii
Department of Labor and Industrial
Relations
830 Punchbowl St #321
Honolulu, Hawaii 96813
20. Suzanne Case, Chairperson
State of Hawaii
Department of Land and Natural
Resources
P. O. Box 621
Honolulu, Hawaii 96809
21. Alan Downer, Administrator
State of Hawaii
Department of Land and Natural
Resources
State Historic Preservation Division
601 Kamokila Blvd., Room 555
Kapolei, Hawaii 96707
22. Morgan Davis
State of Hawaii
Department of Land and Natural
Resources
State Historic Preservation Division
130 Mahalani Street
Wailuku, Hawaii 96793
23. Maria Zielinski, Director
State of Hawaii
Department of Taxation
Princess Ruth Keelikolani Building
830 Punchbowl Street
Honolulu, Hawaii 96813-5094

- | | |
|--|--|
| <p>24. Ford Fuchigami, Director
State of Hawaii
Department of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813</p> <p>25. Brigadier General Arthur "Joe"
Logan, Adjutant General
Hawaii State Civil Defense
3949 Diamond Head Road
Honolulu, Hawaii 96813-4495</p> <p>26. Jobie Masagatani, Chair
Hawaiian Home Lands Commission
P.O. Box 1879
Honolulu, Hawaii 96805</p> <p>27. Scott Glenn, Interim Director
Office of Environmental Quality
Control
235 S. Beretania Street, Suite 702
Honolulu, Hawaii 96813</p> <p>28. Dr. Kamana`opono Crabbe, Chief
Executive Officer
Office of Hawaiian Affairs
560 N. Nimitz Highway, Suite 200
Honolulu, Hawaii 96817</p> <p>29. Leo R. Asuncion, Jr., AICP, Director
State of Hawaii
Office of Planning
P. O. Box 2359
Honolulu, Hawaii 96804</p> <p>30. Dan Orodenker, Executive Officer
State of Hawaii
State Land Use Commission
P.O. Box 2359
Honolulu, Hawaii 96804</p> <p>31. University of Hawaii at Manoa
Environmental Center
2500 Dole Street, Krauss Annex 19
Honolulu, Hawaii 96822</p> | <p><u>County:</u></p> <p>32. Mayor Alan Arakawa
County of Maui
200 South High Street
Wailuku, Hawaii 96793</p> <p>33. Teena Rasmussen
County of Maui
Office of Economic Development
2200 Main Street, Suite 305
Wailuku, Hawaii 96793</p> <p>34. Anna Foust
Maui Civil Defense Agency
200 South High Street
Wailuku, Hawaii 96793</p> <p>35. Jeffrey A. Murray, Chief
County of Maui
Department of Fire and Public
Safety
200 Dairy Road
Kahului, Hawaii 96732</p> <p>36. Carol Reimann, Director
County of Maui
Department of Housing and Human
Concerns
One Main Plaza
2200 Main Street, Suite 546
Wailuku, Hawaii 96793</p> <p>37. Ka'ala Buenconsejo, Director
County of Maui
Department of Parks and Recreation
700 Halia Nako Street, Unit 2F
Wailuku, Hawaii 96793</p> <p>38. William Spence, Director
County of Maui
Department of Planning
2200 Main Street, Suite 315
Wailuku, Hawaii 96793</p> <p>39. Tivoli Faaumu, Chief
County of Maui
Police Department
55 Mahalani Street
Wailuku, Hawaii 96793</p> |
|--|--|

- 40. David Goode, Director
County of Maui
Department of Public Works
200 South High Street
Wailuku, Hawaii 96793
- 41. Don Medeiros, Director
County of Maui
Department of Transportation
200 South High Street
Wailuku, Hawaii 96793
- 42. David Taylor, Director
County of Maui
Department of Water Supply
200 South High Street
Wailuku, Hawaii 96793
- 43. Honorable Michael White, Council
Chair
Maui County Council
200 South High Street
Wailuku, Hawaii 96793

Others:

- 44. Michael Grider, Interim Manager,
Engineering
Maui Electric Company, Ltd.
P.O. Box 398
Kahului, Hawaii 96733
- 45. Hawaiian Telcom
60 South Church Street
Wailuku, Hawaii 96793



RECEIVED DEPARTMENT OF THE ARMY
HONOLULU DISTRICT, U.S. ARMY CORPS OF ENGINEERS
FORT SHAFTER, HAWAII 96858-5440

2015 NOV -2 AM 11: 34
October 28, 2015

COUNTY OF MAUI
DEPT. OF ENVIRONMENTAL MGMT.

SUBJECT: Early Consultation Request for the Central Maui Landfill Expansion located in Pu'unene, Maui, Hawai'i; DA File No. POH-2015-00201

Michelle Makii
Department of Environmental Management
2050 Main Street, Suite C
Wailuku, Hawai'i, 96793

Dear Ms. Makii:

The Honolulu District, U.S. Army Corps of Engineers (Corps), has received your letter dated July 13, 2015 for the Proposed Central Maui Landfill Expansion project located at Pu'unene, Maui, Hawai'i. Your project has been assigned Department of the Army (DA) file number POH-2015-00201. Please reference this number in all future correspondence.

Please be advised, if the proposed project involves work in waters of the U.S., a DA authorization may be required. Under Section 10 of the Rivers and Harbors Act, structures and/or work in or affecting the course, location, condition, or capacity of navigable waters of the U.S. require DA authorization. Navigable waters of the U.S. are waters subject to the ebb and flow of the tide.

Under Section 404 of the Clean Water Act, DA authorization is required for discharges of dredged or fill material into waters of the U.S., including wetlands. Generally, discharges of fill material include materials that change the bottom elevation of a water of the U.S. and includes rock, sand, soil, debris, overburden, etc. Waters of the U.S. include navigable waters of the U.S. and other waters including wetlands, rivers, streams, lakes, and ponds.

Based on our initial review of the information provided, it appears there may be waters of the U.S. on the project site. The Haiku Ditch flows along the northern boundary of the project site and the Kalialinui Gulch flows along the eastern boundary of the project site. Depending on the circumstances of your project, a permit may be required from this office prior to commencing proposed work. Accordingly, we recommend the landowner or the authorized agent continue coordination of the development of this project with our office.

- 2 -

Thank you for your cooperation with the Honolulu District Regulatory Program.
Please contact this office if you have any questions. You may contact me at 808-835-4306 or via email at kate.m.bliss@usace.army.mil

Sincerely,

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

Kate Bliss
Project Manager
Regulatory Office



January 3, 2018

Tunis McElwain
Regulatory Office
Department of the Army
Honolulu District
U.S. Corps of Engineers
Fort Shafter, Hawai'i 96858-5440

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2) 3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i (POH-2015-0021)

Dear Mr. McElwain:

Thank you for your department's letter of October 28, 2015 providing early consultation comments for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui, Department of Environmental Management (DEM), we offer the following responses in the order of your department's comments:

1. We acknowledge that if the project involves work in the waters of the U.S., Department of Army (DA) authorization may be required.
2. We acknowledge under Section 404 of the Clean Water Act, DA authorization may be required for discharges or dredged fill material into waters of the U.S.
3. We acknowledge both Haiku Ditch and Kalialinui Gulch are located in the vicinity of the project site. As such, the DEM will continue to coordinate the project with the DA and if required, a DA Permit will be obtained.

Tunis McElwain
January 3, 2018
Page 2

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at (808) 244-2015

Very truly yours,

A handwritten signature in black ink, appearing to read 'Colleen Suyama', with a long horizontal flourish extending to the right.

Colleen Suyama
Senior Associate

CS:tn

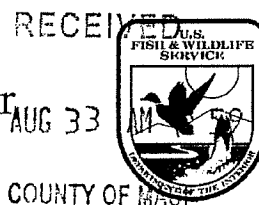
cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

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United States Department of the Interior

FISH AND WILDLIFE SERVICE
Pacific Islands Fish and Wildlife Office
300 Ala Moana Boulevard, Room 3-122
Honolulu, Hawaii 96850



In Reply Refer To:
01EPIF00-2015-TA-0361

Ms. Michelle Makii
Department of Environmental Management
2050 Main Street, Suite 1C
Wailuku, Hawaii 96793

AUG 28 2015

Subject: Technical Assistance for the Central Maui Landfill Expansion, Maui

Dear Ms. Makii:

The U.S. Fish and Wildlife Service (Service) received your correspondence on July 16, 2015, inviting preliminary comments on a proposed Central Maui Landfill Expansion. The proposed action is on a 40-acre plot adjacent to the existing landfill on former sugar cane agricultural fields, upland from Kahului on Pulehu Road, TMK (2) 3-8-003:019 (por.). The action includes constructing a vehicle baseyard, maintenance facility, household hazardous waste facility, material recovery facility, warehousing, and abandoned vehicle yard. Based on information you provided and pertinent information in our files, including data compiled by the Hawaii Biodiversity Program (ECP), there are 5 listed species possibly in the vicinity of the project area that are of concern: the federally endangered Hawaiian hoary bat (*Lasiurus cinereus semotus*), Blackburn's sphinx moth (*Manduca blackburni*), Hawaiian Stilt (*Himantopus mexicanus knudseni*), Hawaiian Coot (*Fulica alai*), and Hawaiian Goose (*Branta sandvicensis*).

Hawaiian hoary bat

The Hawaiian hoary bat is known to occur across a broad range of habitats throughout the State of Hawaii. This bat roosts in both exotic and native woody vegetation and, while foraging, leaves young unattended in "nursery" trees and shrubs. If trees or shrubs suitable for bat roosting are cleared during the Hawaiian hoary bat breeding season (June 1 to September 15), there is a risk that young bats that cannot yet fly on their own could inadvertently be harmed or killed. As a result, the Service recommends that woody plants greater than 15 feet tall should not be removed or trimmed during the Hawaiian hoary bat breeding season. Additionally, Hawaiian hoary bats forage for insects from as low as three feet to higher than 500 feet above the ground. When barbed wire is used in fencing, Hawaiian hoary bats can become entangled. The Service, therefore, recommends that barbed wire not be used for fencing as part of this proposed action.

Blackburn's sphinx moth

The Blackburn's sphinx moth could potentially be in the vicinity of the proposed project area. Adult moths feed on nectar from native plants, including beach morning glory (*Ipomoea pes-caprae*), iliee (*Plumbago zeylanica*), and maiapilo (*Capparis sandwichiana*); larvae feed upon

non-native tree tobacco (*Nicotiana glauca*) and native aiea (*Nothocestrum latifolium*). To pupate, the larvae burrow into the soil and can remain in a state of torpor for up to a year (or more) before emerging from the soil. Soil disturbance can result in death of the pupae. The Service recommends that a qualified biologist survey areas of proposed construction activities for Blackburn's sphinx moth and its host plants prior to work initiation. We recommend these surveys be conducted during the wettest portion of the year (usually November-April or several weeks after a significant rain) and immediately prior to construction. Surveys should include searches for eggs, larvae, and signs of larval feeding (chewed stems, frass, or leaf damage). Any host plants of Blackburn's sphinx moth identified should not be cut or disturbed.

Hawaiian waterbirds and Hawaiian goose

The Hawaiian Stilt, Hawaiian Coot (collectively referred to as waterbirds) and Hawaiian Goose are known to occur in the vicinity of your project area. Based on the project details provided, our information suggests that your project may result in standing water or creation of open water, thus attracting Hawaiian waterbirds and Hawaiian geese to the site. In particular, the Hawaiian stilt is known to nest in sub-optimal locations (e.g., any ponding water) if water is present. Hawaiian waterbirds attracted to sub-optimal habitat may suffer adverse impacts, such as predation and reduced reproductive success, and thus the project may create an attractive nuisance. To avoid potential adverse impacts to listed Hawaiian waterbirds and Hawaiian geese, we recommend the project occur outside of the Hawaiian stilt breeding season (February through August). If the Hawaiian stilt breeding season cannot be avoided, we recommend you work with our office during project planning so that we may assist you in developing specific measures to avoid impacts to listed species. Therefore, we recommend you work with our office during project planning so that we may assist you in developing measures to avoid impacts to listed species (e.g., fencing, vegetation control, predator management).

Implementation of these measures will minimize but does not ensure that take of listed species associated with this proposed action will be fully avoided. Thank you for your efforts to conserve listed species and native habitats. Please contact Fish and Wildlife Biologist Jon Sprague (808-792-9573) if you have any questions or for further guidance.

Sincerely,



Michelle Bogardus
Island Team Leader
Maui Nui and Hawaii Island



January 3, 2018

Michelle Bogardus, Island Team Leader
Maui Nui and Hawaii Island
U.S. Department of the Interior
Fish and Wildlife Service
Pacific Islands
300 Ala Moana Boulevard, Room 3-122
Honolulu, Hawai'i 96850

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2) 3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i (01 EPIF00-2015-TA-0361)

Dear Ms. Bogardus:

Thank you for your department's letter of August 28, 2015 providing early consultation comments for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui, Department of Environmental Management, we offer the following responses in the order of your department's comments:

1. We note your comment that there are five (5) listed species possibly in the vicinity of the project area. The listed species are the federally endangered Hawaiian hoary bat (*Lasiurus cinereus semotus*), Blackburn's sphinx moth (*Manduca blackburni*), Hawaiian Stilt (*Himantopus mexicanus knudseni*), Hawaiian Coot (*Fulica alai*), and Hawaiian Goose (*Branta sandvicensis*).
2. We acknowledge the Hawaiian hoary bat roost in woody vegetation. As such, if trees or shrubs suitable for bat roosting are cleared during the bat breeding season (June 1 to September 15), there is a risk that young bats could inadvertently be harmed or killed. As recommended, woody plants greater than 15 feet tall shall not be removed or trimmed during the hoary bat breeding season. Also, barbed wire shall not be used for fencing.
3. A qualified biologist will survey the project area for the Blackburn's sphinx moth and their habitat prior to initiation of construction. As may be necessary,

appropriate mitigation measures from the U.S. Fish and Wildlife Service shall be implemented.

4. A qualified biologist surveyed the project area and did not observe Hawaiian waterbirds or the Hawaiian goose on the project site. As may be necessary, the project will occur outside of the Hawaiian stilt breeding season (February through August). Should the breeding season not be able to be avoided, DEM will work with your office to develop appropriate mitigation measures.

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at (808) 244-2015

Very truly yours,



Colleen Suyama
Senior Associate

CS:tn

cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.
Robert Hobdy, Biologist

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MAY 09 2016

DAVID Y. IGE
GOVERNOR



DOUGLAS MURDOCK
COMPTROLLER

AUDREY HIDANO
Deputy Comptroller

STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES

P.O. BOX 119, HONOLULU, HAWAII 96810-0119

MAY - 5 2016

(P)1121.6

Ms. Colleen Suyama
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawaii 96793

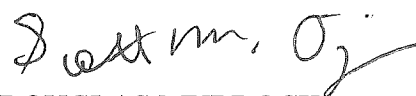
Dear Ms. Suyama:

Subject: Proposed Central Maui Landfill Facilities Project at
Puunene, Maui, Hawaii
TMK: (2) 3-8-003: 019 (por)

Thank you for the opportunity to provide comments for the subject project. The subject project does not affect any of the Department of Accounting and General Services' existing facilities, and we have no comments to offer at this time.

If you have any questions, your staff may please call Ms. Gayle Takasaki of the Public Works Division at (808) 586-0584.

Sincerely,


DOUGLAS MURDOCK
Comptroller

c: Ms. Elaine Baker, Dept. of Environmental Management
Mr. Wade Shimabukuro, DAGS-MDO

January 3, 2018

Roderick Becker, Comptroller
Department of Accounting and
General Services
P.O. Box 119
Honolulu, Hawai'i 96810-0119

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2)3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i ((P)1121.6)

Dear Mr. Murdock

Thank you for your department's letter dated May 5, 2016, providing early consultation comment for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui, Department of Environmental Management, we appreciate your department's letter of confirmation that you have no comments to offer.

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at (808) 244-2015.

Very truly yours,



Colleen Suyama
Senior Associate

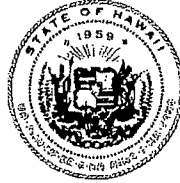
CS:tn

cc: Elaine Baker, Department of Environmental Management

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MAY 23 2016

DAVID Y. IGE
GOVERNOR



CRAIG K. HIRAI
EXECUTIVE DIRECTOR

STATE OF HAWAII

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM
HAWAII HOUSING FINANCE AND DEVELOPMENT CORPORATION
677 QUEEN STREET, SUITE 300
Honolulu, Hawaii 96813
FAX: (808) 587-0600

IN REPLY REFER TO:

16:PEO/42

May 19, 2016

✓ Ms. Colleen Suyama
Senior Associate
Munekiyo Hiraga
305 High Street, Suite 104
Wailuku, Hawaii 96793


Ms. Elaine Baker
Department of Environmental Management
One Main Plaza
2200 Main Street, Suite 225
Wailuku, Hawaii 96793

Dear Meses. Suyama and Baker:

Re: Early Consultation Request for Proposed Central Maui Landfill Facilities Project at
Pu'unēnē, Maui, Hawaii (TMK (2) 3-8-003:019 (por.)

Thank you for consulting the Hawaii Housing Finance and Development Corporation on the
above-referenced project. We have no housing-related comments to offer at this time.

Sincerely,


Craig K. Hirai
Executive Director



MUNEKIYO HIRAGA

Planning. Project Management. Sustainable Solutions.

Michael T. Munekiyo
PRESIDENT

Karlynn K. Fukuda
EXECUTIVE VICE PRESIDENT

Mark Alexander Roy
VICE PRESIDENT

Tessa Munekiyo Ng
VICE PRESIDENT

January 11, 2018

Craig K. Hirai
Executive Director
Hawai'i Housing Finance and Development Corporation
677 Queen Street, Suite 300
Honolulu, Hawai'i 96813

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2)3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i (16:PEO/42)

Dear Mr. Hirai:

Thank you for your department's letter dated May 19, 2016, providing early consultation comment for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui, Department of Environmental Management, we acknowledge your agency does not have any comments at this time.

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at (808) 244-2015.

Very truly yours,

Colleen Suyama
Senior Associate

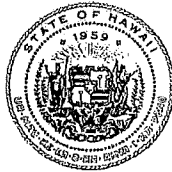
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cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

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MAY 13 2016

DAVID Y. IGE
GOVERNOR OF HAWAII



VIRGINIA PRESSLER, M.D.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HI 96801-3378

In reply, please refer to:
EMD/CWB

05012PNN.16

May 10, 2016

Ms. Colleen Suyama
Senior Associate
Munekiyo Hiraga
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Ms. Suyama:

**SUBJECT: Comments on the Early Consultation Request for the Proposed
Central Maui Landfill Facilities Project
TMK: (2) 3-8-003:019 (por.)
Puunene, Island of Maui, Hawaii**

The Department of Health (DOH), Clean Water Branch (CWB), acknowledges receipt of your transmittal, dated April 29, 2016, requesting comments on the subject project. The DOH-CWB has reviewed the subject document and offers these comments. Please note that our review is based solely on the information provided in the subject document and its compliance with the Hawaii Administrative Rules (HAR), Chapters 11-54 and 11-55. You may be responsible for fulfilling additional requirements related to our program. We recommend that you also read our standard comments on our website at: <http://health.hawaii.gov/epo/files/2013/05/Clean-Water-Branch-Std-Comments.pdf>.

1. Any project and its potential impacts to State waters must meet the following criteria:
 - a. Antidegradation policy (HAR, Section 11-54-1.1), which requires that the existing uses and the level of water quality necessary to protect the existing uses of the receiving State water be maintained and protected.
 - b. Designated uses (HAR, Section 11-54-3), as determined by the classification of the receiving State waters.
 - c. Water quality criteria (HAR, Sections 11-54-4 through 11-54-8).
2. You may be required to obtain National Pollutant Discharge Elimination System (NPDES) permit coverage for discharges of wastewater, including storm water runoff, into State surface waters (HAR, Chapter 11-55).

For NPDES general permit coverage, a Notice of Intent (NOI) form must be submitted at least 30 calendar days before the commencement of the discharge. An application for an NPDES individual permit must be submitted at least 180 calendar days before the commencement of the discharge. To request NPDES permit coverage, you must submit the applicable form ("CWB Individual NPDES Form" or "CWB NOI Form") through the e-Permitting Portal and the hard copy certification statement with the respective filing fee (\$1,000 for an individual NPDES permit or \$500 for a Notice of General Permit Coverage). Please open the e-Permitting Portal website located at: <https://eha-cloud.doh.hawaii.gov/epermit/>. You will be asked to do a one-time registration to obtain your login and password. After you register, click on the Application Finder tool and locate the appropriate form. Follow the instructions to complete and submit the form.

3. If your project involves work in, over, or under waters of the United States, it is highly recommended that you contact the Army Corp of Engineers, Regulatory Branch (Tel: 835-4303) regarding their permitting requirements.

Pursuant to Federal Water Pollution Control Act [commonly known as the "Clean Water Act" (CWA)], Paragraph 401(a)(1), a Section 401 Water Quality Certification (WQC) is required for "[a]ny applicant for Federal license or permit to conduct any activity including, but not limited to, the construction or operation of facilities, which may **result** in any discharge into the navigable waters..." (emphasis added). The term "discharge" is defined in CWA, Subsections 502(16), 502(12), and 502(6); Title 40 of the Code of Federal Regulations, Section 122.2; and HAR, Chapter 11-54.

4. Please note that all discharges related to the project construction or operation activities, whether or not NPDES permit coverage and/or Section 401 WQC are required, must comply with the State's Water Quality Standards. Noncompliance with water quality requirements contained in HAR, Chapter 11-54, and/or permitting requirements, specified in HAR, Chapter 11-55, may be subject to penalties of \$25,000 per day per violation.
5. It is the State's position that all projects must reduce, reuse, and recycle to protect, restore, and sustain water quality and beneficial uses of State waters. Project planning should:
 - a. Treat storm water as a resource to be protected by integrating it into project planning and permitting. Storm water has long been recognized as a source of irrigation that will not deplete potable water resources. What is often overlooked is that storm water recharges ground water supplies and feeds streams and estuaries; to ensure that these water cycles are not disrupted, storm water cannot be relegated as a waste product of impervious surfaces. Any project

planning must recognize storm water as an asset that sustains and protects natural ecosystems and traditional beneficial uses of State waters, like community beautification, beach going, swimming, and fishing. The approaches necessary to do so, including low impact development methods or ecological bio-engineering of drainage ways must be identified in the planning stages to allow designers opportunity to include those approaches up front, prior to seeking zoning, construction, or building permits.

- b. Clearly articulate the State's position on water quality and the beneficial uses of State waters. The plan should include statements regarding the implementation of methods to conserve natural resources (e.g., minimizing potable water for irrigation, gray water re-use options, energy conservation through smart design) and improve water quality.
- c. Consider storm water Best Management Practice (BMP) approaches that minimize the use of potable water for irrigation through storm water storage and reuse, percolate storm water to recharge groundwater to revitalize natural hydrology, and treat storm water which is to be discharged.
- d. Consider the use of green building practices, such as pervious pavement and landscaping with native vegetation, to improve water quality by reducing excessive runoff and the need for excessive fertilization, respectively.
- e. Identify opportunities for retrofitting or bio-engineering existing storm water infrastructure to restore ecological function while maintaining, or even enhancing, hydraulic capacity. Particular consideration should be given to areas prone to flooding, or where the infrastructure is aged and will need to be rehabilitated.

If you have any questions, please visit our website at:

<http://health.hawaii.gov/cwb>, or contact the Engineering Section, CWB, at (808) 586-4309.

Sincerely,



ALEC WONG, P.E., CHIEF
Clean Water Branch

NN:ak

- c: DOH-EPO [via e-mail Noella.Narimatsu@doh.hawaii.gov only]
Ms. Elaine Baker, Department of Environmental Management

January 3, 2018

Alec Wong, P.E., Chief
Clean Water Branch
Department of Health
P.O. Box 3378
Honolulu, Hawai'i 96801-3378

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2)3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i (05012PNN.16)

Dear Mr. Wong:

Thank you for your letter, dated May 10, 2016, providing early consultation comments for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui, Department of Environmental Management, we offer the following responses in the order of your comments:

1. We acknowledge that the project must meet the Department of Health (DOH) water quality requirements of Hawai'i Administrative Rules, Chapter 11-54.
2. A National Pollutant Discharge Elimination System permit will be submitted to the DOH for approval prior to the initiation of construction.
3. We acknowledge that work in, over, or under Waters of the United States may require additional permitting from the U.S. Army Corps of Engineers (USACE), Regulatory Branch. A copy of the early consultation request was also submitted to the USACE for review and comment.
4. We acknowledge the project must comply with the State's Water Quality Standards and non-compliance may be subject to penalties of \$25,000.00 per day per violation.
5. We acknowledge that the State's position is all projects must reduce, reuse, and recycle to protect, restore, and sustain water quality and beneficial uses of State

Alec Wong, P.E., Chief
January 3, 2018
Page 2

waters. As such, the recommendations of the DOH has been forwarded to the design consultant.

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at (808) 244-2015.

Sincerely,



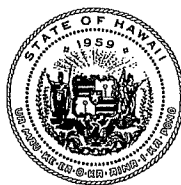
Colleen Suyama
Senior Associate

CS:tn

cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

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DAVID Y. IGE
GOVERNOR OF HAWAII



MAY 23 2016

VIRGINIA PRESSLER, M.D.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HI 96801-3378

In reply, please refer to:
File:

May 20, 2016

S0520LI

Ms. Colleen Suyama
Munekiyo Hiraga
305 High Street, Suite 104
Wailuku, Hawaii 96793

Ms. Elaine Baker
Department of Environmental Management
County of Maui
2200 Main Street, Suite 225
Wailuku, Hawaii 96793

Dear Ms. Suyama and Ms. Baker:

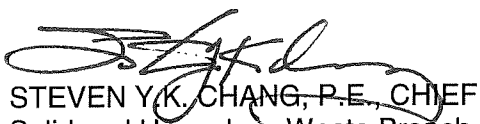
SUBJECT: Early Consultation Comments, Draft Environmental Assessment
Central Maui Landfill Facilities Expansion Project
Central Maui Municipal Solid Waste Landfill
TMK: (2) 3-8-003:019 (por.), Puunene, Maui, Hawaii

The Department of Health, Solid Waste Section (SWS) is in receipt of your April 29, 2016 letters to both the State of Hawaii, Solid and Hazardous Waste Branch (SHWB) and to Ms. Lene Ichinotsubo of the SWS, requesting early consultation comments on the proposed expanded solid waste management facility at Central Maui Landfill.

At this time, we do not have additional comments to those that were previously provided in our August 3, 2015 letter addressed to Ms. Michelle Makii and enclosed with your letter addressed to the State of Hawaii, SHWB.

If you have any questions regarding this letter or the comments presented in our August 3, 2015 letter, please contact Mr. Kevin Kihara or Ms. Lene Ichinotsubo of our Solid and Hazardous Waste Branch at (808) 586-4226.

Sincerely,


STEVEN Y.K. CHANG, P.E., CHIEF
Solid and Hazardous Waste Branch

DAVID Y. IGE
GOVERNOR OF HAWAII

RECEIVED



VIRGINIA PRESSLER, M.D.
DIRECTOR OF HEALTH

2015 AUG -7 AM 11: 09

COUNTY OF MAUI
DEPT. OF ENVIRONMENTAL MGMT.

STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HI 96801-3378

In reply, please refer to:
File:

August 3, 2015

S0802KMK

Ms. Michelle Makii
Department of Environmental Management
County of Maui
2050 Main Street, Suite 1C
Wailuku, Hawaii 96793

Dear Ms. Makii:

SUBJECT: Environmental Impact Statement Preparation Notice
Central Maui Landfill Expansion
TMK: (2) 3-8-003:019 (por.) Puunene, Maui, Hawaii

The Department of Health, Solid Waste Section (SWS) is in receipt of your July 13, 2015 letter requesting Early Consultation Comments on the proposed expanded solid waste management facility at Central Maui Landfill. From the conceptual layout, we understand that the proposed solid waste activities may include the following:

- Household hazardous waste and electronic waste processing and holding facility;
- Recyclable materials processing and recovery facility;
- Construction and demolition material recovery facility; and
- Abandoned vehicle yard.

In the draft Environmental Assessment, please provide detailed information relating to specific waste streams that will be accepted, source of waste, a description of the storage and processing activities that will occur at each of these facilities, a list of by-products from the processing activity and how they will be managed, the destination of the processed materials and by-products, and environmental controls.

Based on the submitted Conceptual Land Use Plan, a modification to your existing solid waste management permit or new solid waste management permits will be required. However, there is not sufficient information (i.e., source and type of electronic waste to be accepted and type of processing to be conducted) to determine whether other permits/approvals, such as a hazardous waste permit, from our branch will be required.


Ms. Michelle Makii
August 3, 2015
Page 2

While the Conceptual Land Use Plan does not appear to overlap on the existing landfill site layout, gas monitoring wells GP-6R and GP-7, leachate monitoring locations, groundwater monitoring well MW-5 and the stormwater basin are located in close proximity to the proposed new activities. Please discuss any measures that will be taken to ensure that the proposed expansion does not interfere with these existing features. In addition, the SWS notes that the County has been considering the installation of new groundwater monitoring wells for evaluating the existing landfill. The County may want to consider the use of the expansion area for this purpose.

The document shall also include the most recent flood and tsunami inundation zone designations, including citations. The area design shall consider these factors as needed.

We look forward to reviewing your draft Environmental Assessment on your proposed activity. Please contact Mr. Kevin Kihara of our Solid Waste Section at (808) 586-4226 with any questions or comments regarding this letter.

Sincerely,


STEVEN Y.K. CHANG, P.E., CHIEF
Solid and Hazardous Waste Branch

c: Environmental Planning Office
Maui District Health Office



January 3, 2018

Steven Y. K. Chang, P.E., Chief
Solid and Hazardous Waste Branch
Department of Health
P.O. Box 3378
Honolulu, Hawai'i 96801-3378

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2)3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i; (S0802KMK and S0520LI)

Dear Mr. Chang:

Thank you for your letters dated August 3, 2015 and May 20, 2016, providing early consultation comments for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui, Department of Environmental Management (DEM), we offer the following responses in the order of your comments:

1. The Draft EA will include information relating to specific waste stream that will be accepted, source of waste, a description of the storage and processing activities what will occur at each of the proposed facilities, a list of by-products from the processing activity and how they will be managed, the destination of the processed materials and by-products, and environmental controls.
2. We acknowledge the new facilities will require a modification to the existing solid waste management permit or a new solid waste management permit. As the project plans are refined the DEM will coordinate the project with the State Department of Health (DOH) to determine if other permits may be required.
3. The Draft EA will discuss any measures that may be necessary to ensure the proposed facilities do not interfere with the existing monitoring wells and basins at the Central Maui Landfill.
4. The DEM is in discussion with the DOH regarding installation of new groundwater monitoring wells at the project site.

Steven Y. K. Chang, P.E., Chief
January 3, 2018
Page 2

5. The project site is located over four (4) miles from the shoreline and as such is not subject to tsunami inundation. Also, according to the Federal Insurance Rate Maps the project site is within Zone X (unshaded).

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at (808) 244-2015.

Very truly yours,



Colleen Suyama
Senior Associate

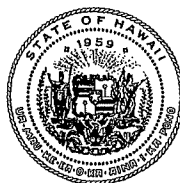
CS:la

cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

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MAY 06 2016

DAVID Y. IGE
GOVERNOR OF HAWAII



VIRGINIA PRESSLER, M.D.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HI 96801-3378

In reply, please refer to:
File:

May 03, 2016

Ms. Colleen Suyama
Munekiyo Hiraga
305 High Street, Suite 104
Wailuku, HI 96793

Dear Ms. Suyama:

Thank you for your submittal requesting comments to the Early Consultation Request for Proposed Central Maui Landfill Facilities Project at Pu'unene, Maui, Hawaii (TMK (2) 3-8-003:019 (por.)

Project activities shall comply with the following Administrative Rules of the Department of Health:

- Chapter 11-46 Community Noise Control

Should you have any questions, please contact me at (808) 586-4700.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeffrey M. Eckerd".

Jeffrey M. Eckerd
Program Manager
Indoor and Radiological Health Branch

C: Elaine Baker, State of Hawaii, Department of Environmental Management

January 3, 2018

Jeffrey M. Eckerd, Program Manager
Indoor and Radiological Health Branch
Department of Health
State of Hawai'i
P.O. Box 3378
Honolulu, Hawai'i 96801-3378

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2)3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i

Dear Mr. Eckerd:

Thank you for your letter, dated May 3, 2016, providing early consultation comments for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui, Department of Environmental Management, we offer the following response to your comment:

1. We acknowledge the project shall comply with applicable provisions of Chapter 11-46 Community Noise Control, Hawai'i Administrative Rules.

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at (808) 244-2015.

Very truly yours,



Colleen Suyama
Senior Associate

CS:tn

cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

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DAVID Y. IGE
GOVERNOR OF HAWAII



RECEIVED

VIRGINIA PRESSLER, M.D.
DIRECTOR OF HEALTH

2015 AUG 10 AM 10: 29

STATE OF HAWAII
DEPARTMENT OF HEALTH
MAUI DISTRICT HEALTH OFFICE
54 HIGH STREET
WAILUKU, HAWAII 96793-3378
COUNTY OF MAUI
DEPT. OF ENVIRONMENTAL MGMT.

LORRIN W. PANG, M.D., M.P.H.
DISTRICT HEALTH OFFICER

August 7, 2015

Ms. Michelle Makii
Department of Environmental Management
County of Maui
2050 Main Street, Suite 1C
Wailuku, HI 96793

Dear Ms. Makii:

**Subject: Early Consultation Request
Central Maui Landfill Expansion, Pu'unene, Maui, Hawaii
TMK: (2) 3-8-003:019 (por.)**

Thank you for the opportunity to review this project. We have the following comments to offer:

National Pollutant Discharge Elimination System (NPDES) permit coverage may be required for this project. The Clean Water Branch should be contacted at 808 586-4309.

It is strongly recommended that the Standard Comments found at the Department's website: <http://health.hawaii.gov/epo/home/landuse-planning-review-program/> be reviewed and any comments specifically applicable to this project should be adhered to.

Should you have any questions, please contact me at patricia.kitkowski@doh.hawaii.gov or 808 984-8230.

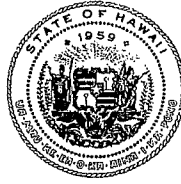
Sincerely,

A handwritten signature in cursive script that reads "Patti Kitkowski".

Patti Kitkowski
District Environmental Health Program Chief

c EPO

DAVID Y. IGE
GOVERNOR OF HAWAII



MAY 16 2016

VIRGINIA PRESSLER, M.D.
DIRECTOR OF HEALTH

LORRIN W. PANG, M.D., M.P.H.
DISTRICT HEALTH OFFICER

STATE OF HAWAII
DEPARTMENT OF HEALTH
MAUI DISTRICT HEALTH OFFICE
54 HIGH STREET
WAILUKU, HAWAII 96793-3378

May 13, 2016

Ms. Colleen Suyama, Senior Associate
Munekiyo Hiraga
305 High Street, Suite 104
Wailuku, Hawaii 96793

Ms. Elaine Baker
Department of Environmental Management
One Main Plaza
2200 Main Street, Suite 225
Wailuku, Hawaii 96793

Dear Ms. Suyama and Ms. Baker:

Subject: Proposed Central Maui Landfill Facilities Project at Pu'unene, Maui
TMK: (2) 3-8-003:019 (por.)

Thank you for the opportunity to review this project. We have the following comments to offer:

National Pollutant Discharge Elimination System (NPDES) permit coverage may be required for this project. The Clean Water Branch should be contacted at 808 586-4309.

It is strongly recommended that the Standard Comments found at the Department's website: <http://health.hawaii.gov/epo/home/landuse-planning-review-program/> be reviewed and any comments specifically applicable to this project should be adhered to.

Ms. Suyama and Ms. Baker

May 13, 2016

Page2

Should you have any questions, please contact me at 808 984-8230 or email me at patricia.kitkowski@doh.hawaii.gov.

Sincerely,

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

Patti Kitkowski

District Environmental Health Program Chief

c EPO

January 3, 2018

Ms. Patti Kitkowski
District Environmental Health Program Chief
Maui District Office
Department of Health
54 High Street
Wailuku, Hawai'i 96793

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2)3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i

Dear Ms. Kitkowski:

Thank you for your letters dated August 7, 2015 and May 13, 2016, providing early consultation comments for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui Department of Environmental Management, we offer the following response to your comment:

1. A National Pollutant Discharge Elimination System permit will be obtained from the Department of Health (DOH) for the project, as may be applicable.

Also, as recommended, the website of the standard comments of the DOH has been forwarded to the design engineering for the project for review.

Ms. Patti Kitkowski
January 3, 2018
Page 2

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at 244-2015

Very truly yours,

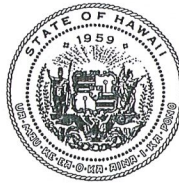


Colleen Suyama
Senior Associate

CS:tn

cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

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JUN 16 2016

STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HI 96801-3378

In reply, please refer to:
File:

EPO 16-184

June 8, 2016

Ms. Colleen Suyama
Munekiyo Hiraga
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Ms. Suyama:

SUBJECT: Pre Consultation for Draft Environmental Assessment (PC DEA)
Proposed Central Maui Landfill Facilities at Puunene, Maui
TMK: (2) 3-8-003:019

The Department of Health (DOH), Environmental Planning Office (EPO), acknowledges receipt of your PAC EA to our office on May 2, 2016. Thank you for allowing us to review and comment of the proposed project. EPO recommends that you review the standard comments and available strategies to support sustainable and healthy design provided at: <http://health.hawaii.gov/epo/landuse>. Projects are required to adhere to all applicable standard comments.

EPO strongly recommends that you review the standard comments and available strategies to support sustainable and healthy design provided at: <http://health.hawaii.gov/epo/landuse>. Projects are required to adhere to all applicable standard comments. EPO has recently updated the environmental Geographic Information System (GIS) website page. It now compiles various maps and viewers from our environmental health programs. The eGIS website page will be continually updated so please visit it regularly at: <http://health.hawaii.gov/epo/egis>.

EPO also encourages you to examine and utilize the Hawaii Environmental Health Portal at: <https://eha-cloud.doh.hawaii.gov>. This site provides links to our e-Permitting Portal, Environmental Health Warehouse, Groundwater Contamination Viewer, Hawaii Emergency Response Exchange, Hawaii State and Local Emission Inventory System, Water Pollution Control Viewer, Water Quality Data, Warnings, Advisories and Postings.

We suggest you review the requirements of the CWB (HAR, Section 11-54-1.1, -3, 4-8) and/or the National Pollutant Discharge Elimination System (NPDES) permit (HAR, Chapter 11-55) at: <http://health.hawaii.gov/cwb>. If you have any questions, please contact the Clean Water Branch, Engineering Section at (808) 586-4309 or cleanwaterbranch@doh.hawaii.gov. If your project involves waters of the U.S., it is highly recommended that you contact the Army Corps of Engineers, Regulatory Branch at: (808) 835-4303.

Please note that all wastewater plans must conform to applicable provisions of the Department of Health's Administrative Rules, Chapter 11-62, "Wastewater Systems". We do reserve the right to review the detailed wastewater plans for conformance to applicable rules. Should you have any questions, please review online guidance at: <http://health.hawaii.gov/wastewater> and contact the Planning and Design Section of the Wastewater Branch at 586-4294.

EPO recommends you review the need and/or requirements for a Clean Air Branch permit. The Clean Air Branch can be consulted via e-mail at: Cab.General@doh.hawaii.gov or via phone: (808) 586-4200.

Ms. Colleen Suyama
Page 2
June 8, 2016

You may also wish to review the draft Office of Environmental Quality Control (OEQC) viewer at: <http://eha-web.doh.hawaii.gov/oegc-viewer>. This viewer geographically shows where some previous Hawaii Environmental Policy Act (HEPA) {Hawaii Revised Statutes, Chapter 343} documents have been prepared.

In order to better protect public health and the environment, the U.S. Environmental Protection Agency (EPA) has developed a new environmental justice (EJ) mapping and screening tool called EJSCREEN. It is based on nationally consistent data and combines environmental and demographic indicators in maps and reports. EPO encourages you to explore, launch and utilize this powerful tool in planning your project. The EPA EJSCREEN tool is available at: <http://www.epa.gov/ejscreen>.

We request that you utilize all of this information on your proposed project to increase sustainable, innovative, inspirational, transparent and healthy design. Thank you for the opportunity to comment.

Mahalo nui loa,



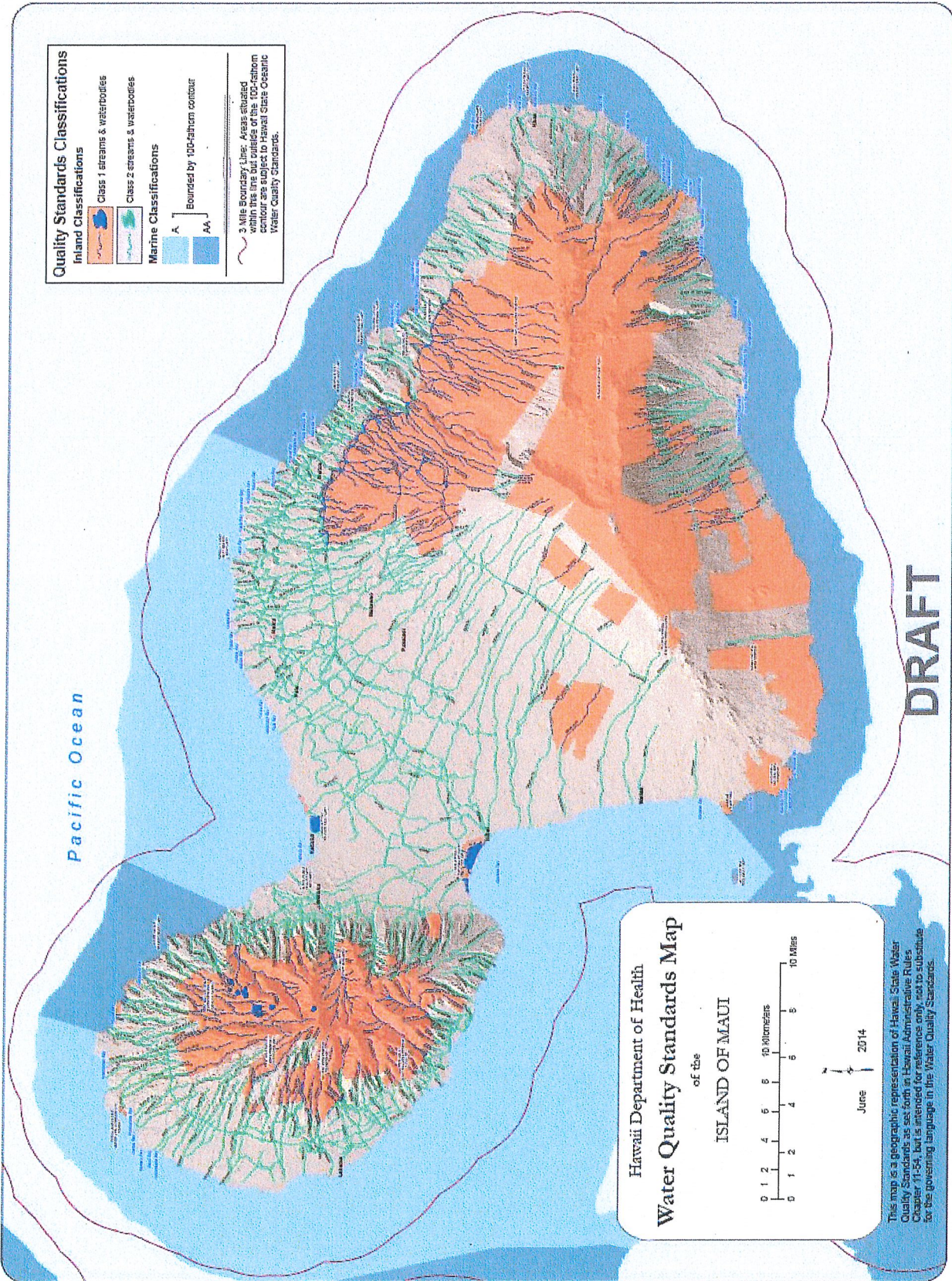
Laura Leialoha Phillips McIntyre, AICP
Program Manager, Environmental Planning Office

LM:nn

Attachment 1: Environmental Health Management Web App Snipit of Project Area: <http://health.hawaii.gov/epo/egis>
Attachment 2: Clean Water Branch: Water Quality Standards Map - Maui
Attachment 3: Wastewater Branch: Act 120 Cesspool Tax Credit Web App Snipit of Project Area
Attachment 4: Wastewater Branch: Recycled Water Use Map of Project Area
Attachment 5: Historic Sugarcane Map of Project Area
Attachment 6: OEQC Viewer Map of Project Area

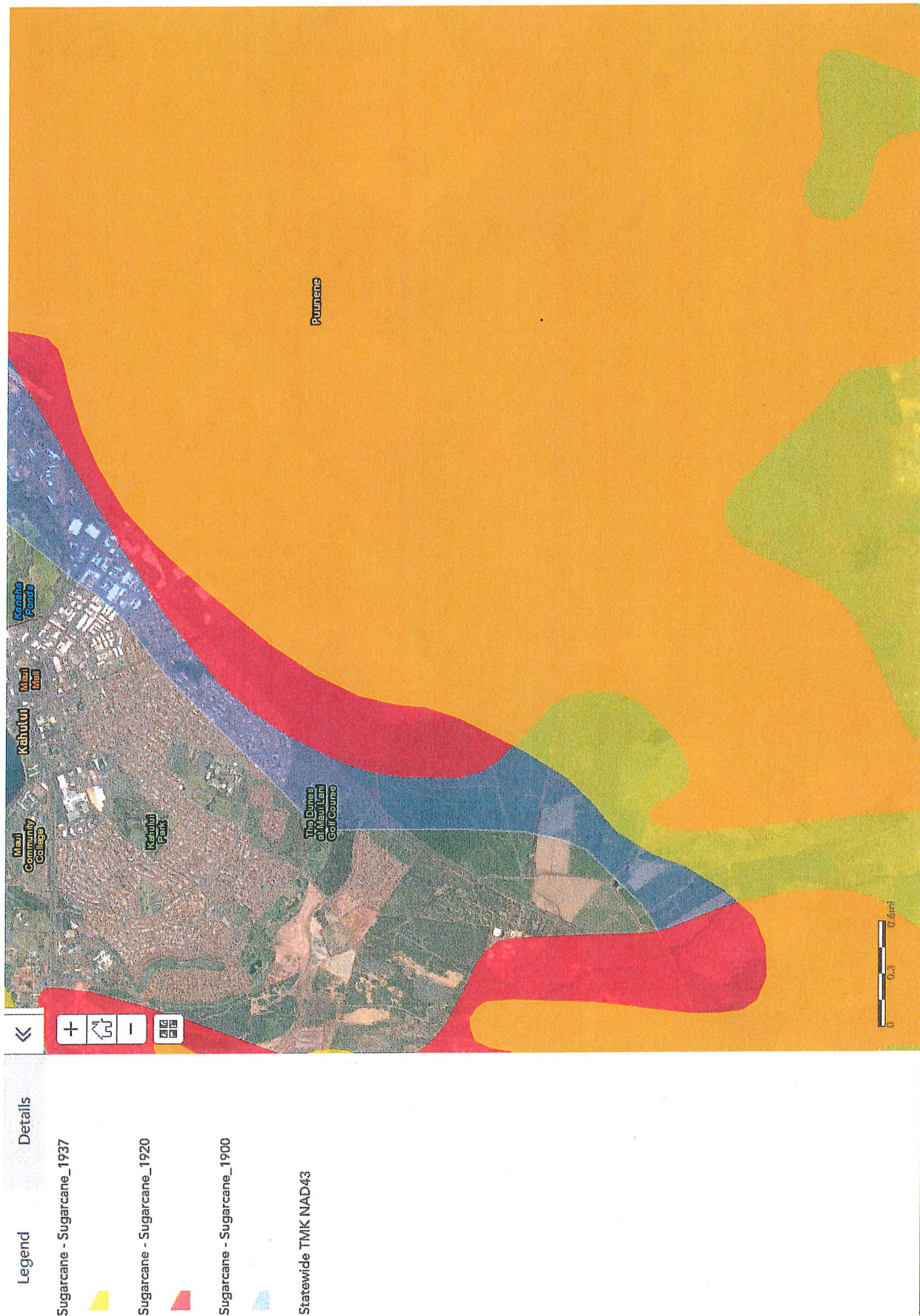
c: Elaine Baker, Dept. of Environmental Management
DOH: DHO Maui, CWB, SHWB, CAB {via email}











hawaii.gov

Stay Connected

Central Maui Landfill

0 sites found

Results

Filter

0 Show sites with no location

OEQC Viewer

Hybrid



DAVID Y. IGE
GOVERNOR OF HAWAII



VIRGINIA PRESSLER, M.D.
DIRECTOR OF HEALTH

2015 JUL 27 AM 10: 02

STATE OF HAWAII
DEPARTMENT OF HEALTH
DEPT. OF ENVIRONMENTAL MGMT.
HONOLULU, HI 96801-3378

In reply, please refer to:
File:

EPO 15-178

July 23, 2015

Ms. Michelle Makii
Department of Environmental Management
2050 Main Street, Suite 1C
Wailuku, Hawaii 96793

Dear Ms. Makii:

SUBJECT: Early Consultation (EC) for Central Maui Landfill Expansion

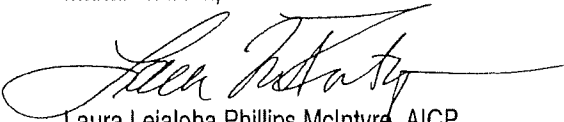
The Department of Health (DOH), Environmental Planning Office (EPO), acknowledges receipt of your EC dated July 13, 2015. Thank you for allowing us to review and comment on the proposed project. The EC was routed to the District Health Office on Maui and the Solid Hazardous Waste Branch. They will provide specific comments to you if appropriate. EPO recommends that you review the standard comments and available strategies to support sustainable and healthy design provided at: <http://health.hawaii.gov/epo/home/landuse-planning-review-program>. Projects are required to adhere to all applicable standard comments.

We recommend that you contact the Solid and Hazardous Waste Branch, Solid Waste Management Section that regulates and manages solid waste and landfills. The Branch can be contacted by phone at 586-4226, by fax at 586-7509 and online information is available at: <http://health.hawaii.gov/shwb>

EPO also encourages you to examine and utilize the Hawaii Environmental Health Portal. The portal provides links to our e-Permitting Portal, Environmental Health Warehouse, Groundwater Contamination Viewer, Hawaii Emergency Response Exchange, Hawaii State and Local Emission Inventory System, Water Pollution Control Viewer, Water Quality Data, Warnings, Advisories and Postings. The Portal is continually updated. Please visit it regularly at: <https://eha-cloud.doh.hawaii.gov>

We request that you utilize all of this information on your proposed project to increase sustainable, innovative, inspirational, transparent and healthy design.

Mahalo nui loa,


Laura Leialoha Phillips McIntyre, AICP
Program Manager, Environmental Planning Office

c: DHO Maui, SHWB (via email only)

January 3, 2018

Laura Leialoha Phillips McIntyre, AICP
Program Manager
Environmental Planning Office
Department of Health
P.O. Box 3378
Honolulu, Hawai'i 96801-3378

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2) 3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i (EPO 15-178 and EPO 16-184)

Dear Ms. McIntyre:

Thank you for your letters of July 23, 2015 and June 8, 2016 providing early consultation comments for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui, Department of Environmental Management (DEM), we offer the following responses in the order of your comments:

1. As recommended, the DEM will review and consider your department's standard comments and available strategies to support sustainable and healthy design.
2. As suggested, the DEM has consulted with the Solid and Hazardous Waste Branch.
3. As encouraged, the DEM will examine and, as appropriate, utilize the Hawai'i Environmental Health Portal.
4. The DEM will review the requirements of the Clean Water Branch and/or the National Pollutant Discharge Elimination System (NPDES) Permit at <http://health.hawaii.gov/cwb>. If required, an NPDES permit will be obtained.
5. Wastewater plans for the Central Maui Landfill Facilities project will conform to applicable provisions of the Department of Health's (DOH) Hawai'i Administrative Rules, Chapter 11-62, "Wastewater Systems".

Laura Leialoha Phillips McIntyre, AICP
Program Manager
January 3, 2018
Page 2

6. As applicable, a Clean Air Branch permit will be obtained.
7. Thank you for providing the information regarding the draft Office of Environmental Quality Control's viewer.
8. Thank you for providing the information regarding the U.S. Environmental Protection Agency's new environmental justice mapping and screening tool (EJSCREEN).

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at (808) 244-2015.

Very truly yours,



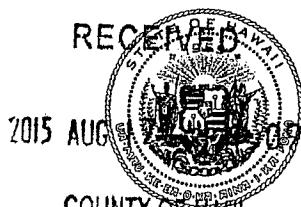
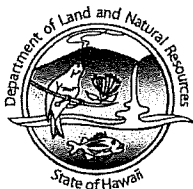
Colleen Suyama
Senior Associate

CS:tn

cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

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DAVID Y. IGE
GOVERNOR OF HAWAII



SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

COUNTY OF MAUI
DEPT. OF ENVIRONMENTAL MGMT.
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

August 13, 2015

County of Maui
Department of Environmental Management
Attention: Ms. Michelle Makii
2050 Main Street, Suite 1C
Wailuku, Hawaii 96793

Dear Ms. Makii:

SUBJECT: Early Consultation Request for Central Maui Landfill Expansion

Thank you for the opportunity to review and comment on the subject matter. The Department of Land and Natural Resources' (DLNR) Land Division distributed or made available a copy of your report pertaining to the subject matter to DLNR Divisions for their review and comments.

At this time, enclosed are comments from the (a) Engineering Division and (b) State Historic Preservation Division on the subject matter. Should you have any questions, please feel free to call Lydia Morikawa at 587-0410. Thank you.

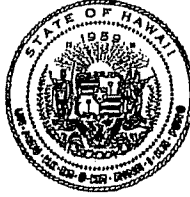
Sincerely,

A handwritten signature in black ink, appearing to be "Russell Y. Tsuji".

Russell Y. Tsuji
Land Administrator

Enclosure(s)
cc: Central Files

DAVID Y. IGE
GOVERNOR OF HAWAII



SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

July 20, 2015

MEMORANDUM

TO: FR:

DLNR Agencies:

- ☐ Div. of Aquatic Resources
- ☐ Div. of Boating & Ocean Recreation
- ☒ Engineering Division
- ☐ Div. of Forestry & Wildlife
- ☐ Div. of State Parks
- ☒ Commission on Water Resource Management
- ☐ Office of Conservation & Coastal Lands
- ☒ Land Division – Maui District
- ☒ Historic Preservation

FROM: ^{TO:}
SUBJECT:
LOCATION:
APPLICANT:

Russell Y. Tsuji, Land Administrator
Early Consultation Request for Central Maui Landfill Expansion
Puunene, Island of Maui; TMK: (2) 3-8-003:019 (por.)
County of Maui, Department of Environmental Management

Transmitted for your review and comment on the above referenced document. We would appreciate your comments on this document. Please submit any comments by **August 12, 2015**.

If no response is received by this date, we will assume your agency has no comments. If you have any questions about this request, please contact Lydia Morikawa at 587-0410. Thank you.

Attachments

- () We have no objections.
- () We have no comments.
- (✓) Comments are attached.

Signed: _____

Print Name: ^{for} Carty S. Chang, Chief Engineer
Date: 8/10/15

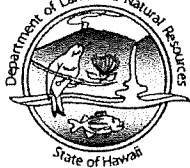
cc: Central Files

15 JUL 21 PM 10:43 ENGINEERING

2015 AUG 11 PM 1:30

DEPT OF LAND & NATURAL RESOURCES
STREET ADDRESS

DAVID Y. ICE
GOVERNOR OF HAWAII



RECEIVED

2015 AUG 17 AM 11:09



COUNTY OF MAUI
DEPT. OF ENVIRONMENTAL MGMT.

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

STATE HISTORIC PRESERVATION DIVISION
KAKUHIHEWA BUILDING
601 KAMOKILA BLVD, STE 555
KAPOLEI, HAWAII 96707

SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

KEKOA KALUHIWA
FIRST DEPUTY

W. ROY HARDY
ACTING DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

August 13, 2015

Michelle Makii
Department of Environmental Management
2050 Main Street, Suite 1C
Wailuku, Hawaii 96793

LOG NO: 2015.02766
DOC NO: 1508JP09
Archaeology

Aloha Ms. Makii,

**SUBJECT: Chapter 6E-8 Historic Preservation Review – Maui County
Early Consultation Request for the Proposed Central Maui Landfill Expansion
Wailuku Ahupua'a, Wailuku District, Island of Maui
TMK (2) 3-8-003:019 (por.)**

Thank you for the opportunity to provide comments on the subject application that we received on July 27, 2015. The submittal explains that the County of Maui, Department of Environmental Management pursues to expand maintenance and landfill related activities adjacent to the existing Central Maui Landfill. The proposed project will occur on an approximate 40 acre section of the 179.962 acre parcel, which is owned by the County of Maui.

The subject area is currently cultivated in sugar cane and is designated for agricultural use. We understand an Environmental Assessment will be prepared. The proposed work includes a refuse collection vehicle base-yard, a maintenance facility, a household hazardous waste facility, a material recovery facility, warehousing and storage facility, and an abandoned vehicle yard. Some of these activities already occur on the adjacent Central Maui Landfill property and in other areas the County wants to centralize all of these activities. Our records indicate that an archaeological survey has not been conducted for the parcel. At this time, we do not have enough information to determine any potential effects the proposed project may have on historic properties. We believe an archaeological inventory survey is necessary prior to any further alterations.

Based on the information provided and a search of our records, we are unaware of the location of historic properties that may be present within the project area. Pursuant to Hawai'i Administrative Rule § 13-275 and 276, we strongly request an **Archaeological Inventory Survey** be conducted. If historic properties are identified, mitigation measures may need to be proposed to avoid or minimize potential impacts to archaeological and cultural resources. Please contact Jenny Pickett at (808) 243-5169 or Jenny.L.Pickett@hawaii.gov if you have any questions or concerns about this letter.

Mahalo,

Morgan E. Davis
Lead Archaeologist, Maui Section

cc: County of Maui
Department of Planning
(Planning@co.maui.hi.us)

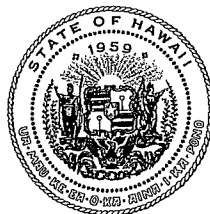
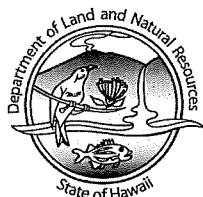
County of Maui
Department of Public Works – DSA
(Renee.Segundo@co.maui.hi.us)

County of Maui
Cultural Resources Commission
(Annalise.Kehler@co.maui.hi.us)

Russell Tsuji, Land Administrator
(Russell.Y.Tsuji@hawaii.gov)

MAY 23 2016

DAVID Y. IGE
GOVERNOR OF HAWAII



SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

May 19, 2016

Munekiyo & Hiraga, Inc.
Attention: Ms. Colleen Suyama, Senior Associate
305 High Street, Suite 104
Wailuku, Hawaii 96793

County of Maui
Department of Environmental Management
Attention: Ms. Elaine Baker – Solid Waste Division
2200 Main Street, Suite 225
Wailuku, Hawaii 96793

Dear Mses. Suyama and Baker:

SUBJECT: Early Consultation Request for Central Maui Landfill Facilities Project

Thank you for the opportunity to review and comment on the subject matter. The Department of Land and Natural Resources' (DLNR) Land Division distributed or made available a copy of your report pertaining to the subject matter to DLNR Divisions for their review and comments.

At this time, the DLNR has no comments to offer on the subject matter. If you have any questions, please feel free to call Lydia Morikawa at 587-0410. Thank you.

Sincerely,

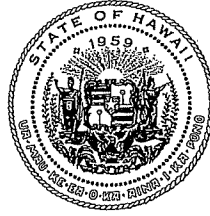
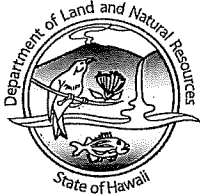
A handwritten signature in black ink, appearing to be "Russell Y. Tsuji".

Russell Y. Tsuji
Land Administrator

cc: Central Files

MAY 23 2016

DAVID Y. IGE
GOVERNOR OF HAWAII



SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

May 20, 2016

Munekiyo & Hiraga, Inc.
Attention: Ms. Colleen Suyama, Senior Associate
305 High Street, Suite 104
Wailuku, Hawaii 96793

County of Maui
Department of Environmental Management
Attention: Ms. Elaine Baker – Solid Waste Division
2200 Main Street, Suite 225
Wailuku, Hawaii 96793

Dear Mses. Suyama and Baker:

SUBJECT: Early Consultation Request for Central Maui Landfill Facilities Project

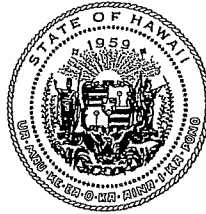
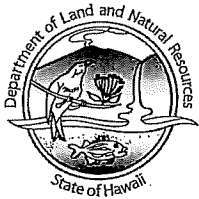
Thank you for the opportunity to review and comment on the subject matter. In addition to the comments previously sent you on May 19, 2016, enclosed are comments from the Engineering Division on the subject matter. Should you have any questions, please feel free to call Lydia Morikawa at 587-0410. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to be "Russell Y. Tsuji", written over a large, stylized, oval-shaped flourish.

Russell Y. Tsuji
Land Administrator

Enclosure(s)
cc: Central Files



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU HAWAII 96809

May 4, 2016

MEMORANDUM

TO: *FR*

DLNR Agencies:

- ☐ Div. of Aquatic Resources
- ☐ Div. of Boating & Ocean Recreation
- ☒ Engineering Division
- ☐ Div. of Forestry & Wildlife
- ☐ Div. of State Parks
- ☒ Commission on Water Resource Management
- ☐ Office of Conservation & Coastal Lands
- ☒ Land Division – Maui District
- ☒ Historic Preservation

FROM: *10* Russell Y. Tsuji, Land Administrator

SUBJECT: Early Consultation Request for Central Maui Landfill Facilities Project

LOCATION: Puunene, Island of Maui; TMK: (2) 3-8-003:019 (por.)

APPLICANT: County of Maui, Department of Environmental Management

Transmitted for your review and comment is information on the above-referenced project. We would appreciate your comments on this project. Please submit any comments by **May 18, 2016**.

If no response is received by this date, we will assume your agency has no comments. If you have any questions about this request, please contact Lydia Morikawa at 587-0410. Thank you.

Attachments

- ☐ We have no objections.
- ☐ We have no comments.
- ☒ Comments are attached.

Signed: _____

Print Name: _____

Date: _____

Carty S. Chang
Carty S. Chang, Chief Engineer

5/10/16

cc: Central Files

15 MAY 04 PM 11:25 ENGINEERING

**DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION**

To: Land Division

**Ref: Early Consultation Request for Central Maui Landfill Facilities Project, Puunene,
Maui**

COMMENTS

The rules and regulations of the National Flood Insurance Program (NFIP), Title 44 of the Code of Federal Regulations (44CFR), are in effect when development falls within a designated Flood Hazard.

The owner or the project property and/or their representative is responsible to research the Flood Hazard Zone designation for the project. Flood Hazard Zone designations can be found using the Flood Insurance Rate Map (FIRM), which can be accessed through the Flood Hazard Assessment Tool (FHAT) (<http://gis.hawaiiinfip.org/FHAT>).

National Flood Insurance Program establishes the rules and regulations of the NFIP - Title 44 of the Code of Federal Regulations (44CFR). The NFIP Zone X is a designation where there is no perceived flood impact. Therefore, the NFIP does not regulate any development within a Zone X designation.

Be advised that 44CFR reflects the minimum standards as set forth by the NFIP. Local community flood ordinances may take precedence over the NFIP standards as local designations prove to be more restrictive. If there are questions regarding the local flood ordinances, please contact the applicable County NFIP Coordinators below:

- Oahu: City and County of Honolulu, Department of Planning and Permitting (808) 768-8098.
- Hawaii Island: County of Hawaii, Department of Public Works (808) 961-8327.
- Maui/Molokai/Lanai County of Maui, Department of Planning (808) 270-7253.
- Kauai: County of Kauai, Department of Public Works (808) 241-4846.

Signed: _____

CARTY S. CHANG, CHIEF ENGINEER

Date: _____

DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION

LD/ Russell Y. Tsuji

Ref.: Early Consultation Request for Central Maui Landfill Expansion, Puunene
Maui.020

COMMENTS

- () We confirm that the project site, according to the Flood Insurance Rate Map (FIRM), is located in Flood Zone ____.
- (X) Please take note that the project site, according to the Flood Insurance Rate Map (FIRM), is located in Zone X. The National Flood Insurance Program (NFIP) does not regulate developments within Zone X.
- () Please note that the correct Flood Zone Designation for the project site according to the Flood Insurance Rate Map (FIRM) is ____.
- () Please note that the correct Flood Zone Designation for the project site according to the Flood Insurance Rate Map (FIRM) is ____.
- () Please note that the project must comply with the rules and regulations of the National Flood Insurance Program (NFIP) presented in Title 44 of the Code of Federal Regulations (44CFR), whenever development within a Special Flood Hazard Area is undertaken. If there are any questions, please contact the State NFIP Coordinator, Ms. Carol Tyau-Beam, of the Department of Land and Natural Resources, Engineering Division at (808) 587-0267.

Please be advised that 44CFR indicates the minimum standards set forth by the NFIP. Your Community's local flood ordinance may prove to be more restrictive and thus take precedence over the minimum NFIP standards. If there are questions regarding the local flood ordinances, please contact the applicable County NFIP Coordinators below:

- () Mr. Mario Siu Li at (808) 768-8098 of the City and County of Honolulu, Department of Planning and Permitting.
- () Mr. Carter Romero (Acting) at (808) 961-8943 of the County of Hawaii, Department of Public Works.
- () Mr. Carolyn Cortez at (808) 270-7253 of the County of Maui, Department of Planning.
- () Mr. Stanford Iwamoto at (808) 241-4896 of the County of Kauai, Department of Public Works.
- () The applicant should include project water demands and infrastructure required to meet water demands. Please note that the implementation of any State-sponsored projects requiring water service from the Honolulu Board of Water Supply system must first obtain water allocation credits from the Engineering Division before it can receive a building permit and/or water meter.
- () The applicant should provide the water demands and calculations to the Engineering Division so it can be included in the State Water Projects Plan Update.

- () Additional Comments: _____
- () Other: _____

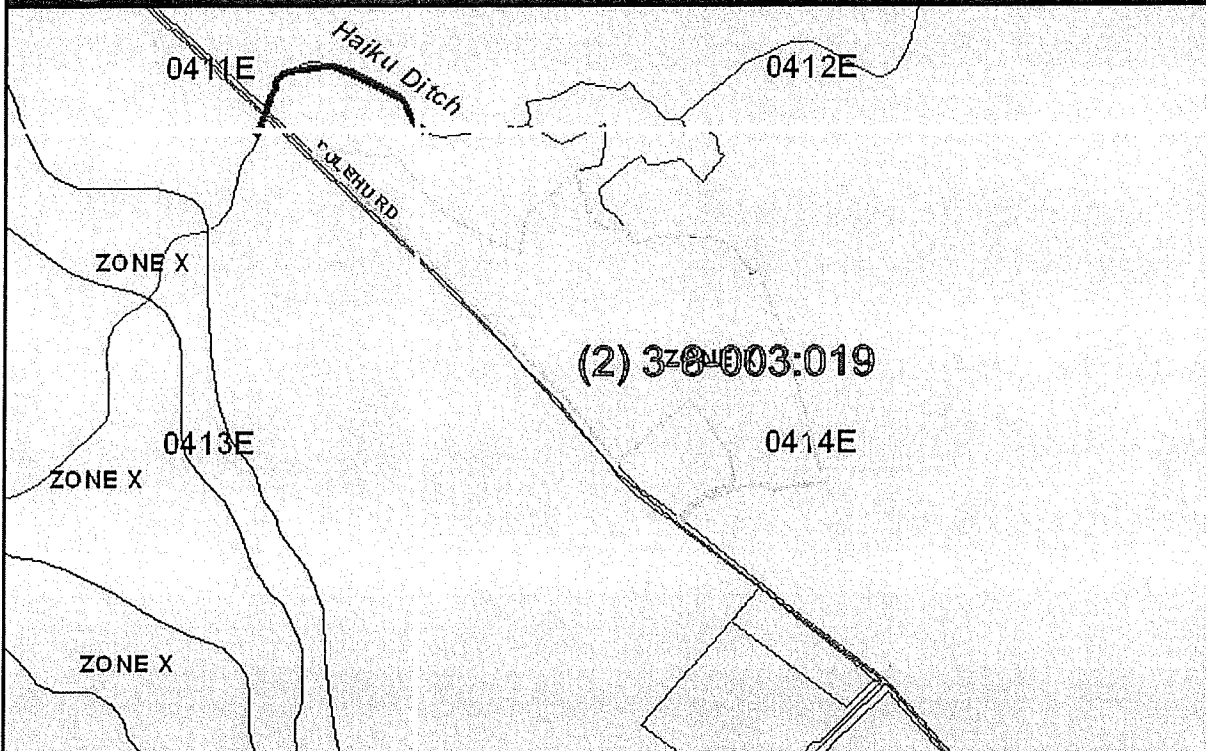
Should you have any questions, please call Mr. Dennis Imada of the Planning Branch at 587-0257.

Signed:
for CARTY S. CHANG, CHIEF ENGINEER

Date: 8/10/15



State of Hawaii FLOOD HAZARD ASSESSMENT REPORT



NATIONAL FLOOD INSURANCE PROGRAM

FLOOD ZONE DEFINITIONS

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD – The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zone A, AE, AH, AO, V, and VE. The Base Flood Elevation (BFE) is the water-surface elevation of the 1% annual chance flood. Mandatory flood insurance purchase applies in these zones:

- Zone A: No BFE determined.
- Zone AE: BFE determined.
- Zone AH: Flood depths of 1 to 3 feet (usually areas of ponding); BFE determined.
- Zone AO: Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined.
- Zone V: Coastal flood zone with velocity hazard (wave action); no BFE determined.
- Zone VE: Coastal flood zone with velocity hazard (wave action); BFE determined.
- Zone AEF: Floodway areas in Zone AE. The floodway is the channel of stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without increasing the BFE.

NON-SPECIAL FLOOD HAZARD AREA – An area in a low-to-moderate risk flood zone. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

- Zone XS (X shaded): Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
- Zone X: Areas determined to be outside the 0.2% annual chance floodplain.

OTHER FLOOD AREAS

- Zone D: Unstudied areas where flood hazards are undetermined, but flooding is possible. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

PROPERTY INFORMATION

COUNTY: MAUI
TMK NO: (2) 3-8-003-019
PARCEL ADDRESS: PULEHU RD
, HI
FIRM INDEX DATE: SEPTEMBER 19, 2012
LETTER OF MAP CHANGE(S): NONE
FEMA FIRM PANEL(S):
1500030414E-SEPTEMBER 25, 2009
1500030413E-SEPTEMBER 25, 2009

PARCEL DATA FROM: JULY 2013
IMAGERY DATA FROM: MAY 2005

IMPORTANT PHONE NUMBERS

County NFIP Coordinator
County of Maui
Carolyn Cortez (808) 270-7253
State NFIP Coordinator
Carol Tyau-Beam, P.E., CFM (808) 587-0267

Disclaimer: The Hawaii Department of Land and Natural Resources (DLNR) assumes no responsibility arising from the use, accuracy, completeness, and timeliness of any information contained in this report. Viewers/Users are responsible for verifying the accuracy of the information and agree to indemnify the DLNR, its officers, and employees from any liability which may arise from its use of its data or information.

If this map has been identified as 'PRELIMINARY', please note that it is being provided for informational purposes and shall not be used for flood insurance rating. Contact your county floodplain manager for flood zone determinations to be used for compliance with local floodplain management regulations.



January 3, 2018

Russell Y. Tsuji, Land Administrator
Department of Land and Natural Resources
Land Division
P.O. Box 621
Honolulu, Hawai'i 96809

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2)3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i

Dear Mr. Tsuji:

Thank you for your department's letters dated August 13, 2015, May 19, 2016, and May 20, 2016, providing early consultation comments for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui, Department of Environmental Management (DEM), we offer the following responses in the order of your department's comments:

August 13, 2015 Letter:

1. We acknowledge the Engineering Division's determination that project site is located in Zone X, an area of minimal flooding.
2. As requested by the State Historic Preservation Division, an archaeological assessment has been prepared for the project and will be included in the Draft EA.

May 19, 2016 Letter:

We acknowledge your department did not have any additional comments.

May 20, 2016 Letter:

1. As discussed above, the project site is located in Zone X, an area of no perceived flood impact. We note that the National Flood Insurance Program does not regulate development within a Zone X designation.

Russell Y. Tsuji, Land Administrator
January 3, 2018
Page 2

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at (808) 244-2015.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Colleen S.', with a long horizontal flourish extending to the right.

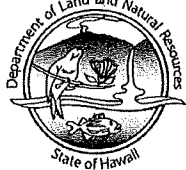
Colleen Suyama
Senior Associate

CS:la

cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

K:\DATA\COM\DEM C\Maui LF\ECL Responses\DLNR Response.doc

DAVID Y. IGE
GOVERNOR OF HAWAII



RECEIVED

2015 AUG 17 AM 11:08



COUNTY OF MAUI
DEPT. OF ENVIRONMENTAL MGMT.

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

STATE HISTORIC PRESERVATION DIVISION
KAKUHIHEWA BUILDING
601 KAMOKILA BLVD, STE 555
KAPOLEI, HAWAII 96707

SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

KEKOA KALUHIWA
FIRST DEPUTY

W. ROY HARDY
ACTING DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING

FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAIHOLAWA ISLAND RESERVE COMMISSION
LAND
STATE PARKS

August 13, 2015

Michelle Makii
Department of Environmental Management
2050 Main Street, Suite 1C
Wailuku, Hawaii 96793

LOG NO: 2015.02766
DOC NO: 1508JP09
Archaeology

Aloha Ms. Makii,

**SUBJECT: Chapter 6E-8 Historic Preservation Review – Maui County
Early Consultation Request for the Proposed Central Maui Landfill Expansion
Wailuku Ahupua'a, Wailuku District, Island of Maui
TMK (2) 3-8-003:019 (por.)**

Thank you for the opportunity to provide comments on the subject application that we received on July 27, 2015. The submittal explains that the County of Maui, Department of Environmental Management pursues to expand maintenance and landfill related activities adjacent to the existing Central Maui Landfill. The proposed project will occur on an approximate 40 acre section of the 179.962 acre parcel, which is owned by the County of Maui.

The subject area is currently cultivated in sugar cane and is designated for agricultural use. We understand an Environmental Assessment will be prepared. The proposed work includes a refuse collection vehicle base-yard, a maintenance facility, a household hazardous waste facility, a material recovery facility, warehousing and storage facility, and an abandoned vehicle yard. Some of these activities already occur on the adjacent Central Maui Landfill property and in other areas the County wants to centralize all of these activities. Our records indicate that an archaeological survey has not been conducted for the parcel. At this time, we do not have enough information to determine any potential effects the proposed project may have on historic properties. We believe an archaeological inventory survey is necessary prior to any further alterations.

Based on the information provided and a search of our records, we are unaware of the location of historic properties that may be present within the project area. Pursuant to Hawai'i Administrative Rule § 13-275 and 276, we strongly request an **Archaeological Inventory Survey** be conducted. If historic properties are identified, mitigation measures may need to be proposed to avoid or minimize potential impacts to archaeological and cultural resources. Please contact Jenny Pickett at (808) 243-5169 or Jenny.L.Pickett@hawaii.gov if you have any questions or concerns about this letter.

Mahalo,

Morgan E. Davis
Lead Archaeologist, Maui Section

cc: County of Maui
Department of Planning
(Planning@co.maui.hi.us)

County of Maui
Department of Public Works – DSA
(Renee.Segundo@co.maui.hi.us)

County of Maui
Cultural Resources Commission
(Annalise.Kehler@co.maui.hi.us)

Russell Tsuji, Land Administrator
(Russell.Y.Tsuji@hawaii.gov)

January 3, 2018

Alan Downer, Administrator
Department of Land and Natural Resources
State Historic Preservation Division
601 Kamokila Blvd., Room 555
Kapolei, Hawai'i 96707

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2)3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i

Dear Mr. Downer:

Thank you for your Division's letter of August 13, 2015, providing early consultation comments for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui, Department of Environmental Management (DEM), we are offer the following response in the order of your department's comments.

An archaeological inventory survey was conducted to determine whether there are any archaeological or cultural remains on the project site. The results were presented in an Archaeological Assessment Report, which has been submitted to your office for review and acceptance and will be included in the Draft EA.

Alan Downer, Administrator
October 2, 2017
Page 2

Again, thank you for your participation in the Chapter 343, Hawaii Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at (808) 244-2015.

Very truly yours,

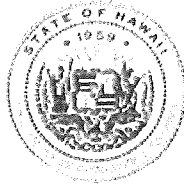
A handwritten signature in black ink, appearing to read 'Colleen S.', with a long horizontal flourish extending to the right.

Colleen Suyama
Senior Associate

CS:tn

cc: Elaine Baker, Department of Environmental Management
Ali Mehrazaran, A-MEHR, Inc.
Michael Dega, Scientific Consultant Services

K:\DATA\COMIDEM C\Maui LF (PHASE I)\ECL Responses\SHPD Hnl Response.doc



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

JUN 27 2016

FORD N. FUCHIGAMI
DIRECTOR

Deputy Directors
JADE T. BUTAY
ROSS M. HIGASHI
EDWIN H. SNIFFEN
DARRELL T. YOUNG

IN REPLY REFER TO:
STP 8.1979

June 20, 2016

Ms. Colleen Suyama
Senior Associate
Munekiyo Hiraga
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Ms. Suyama:

Subject: Early Consultation for the Environmental Assessment
Central Maui Landfill Facilities Project
Puunene, Maui, Hawaii
TMK: (2) 3-8-003:019 (por.)

Our Department of Transportation's (DOT) comments on the subject project are as follows:

Airports Division (DOT-AIR)

1. The proposed expansion is within two (2) miles of the Air Operations Area of the Kahului Airport (OGG).
2. Federal Aviation Administration (FAA) Advisory Circular 150/5200-33B, *Hazardous Wildlife Attractants On or Near Airports*, requires a minimum distance of five (5) statute miles between the farthest edge of the Air Operations Area (AOA) and the hazardous wildlife attractant if the attractant could cause hazardous wildlife movement into or across the approach of departure space. Though FAA Advisory Circular is termed "advisory," it is a requirement for certificated airports such as OGG.

3. State law (Hawaii Revised Statutes, Chapter 262 – Airport Zoning Act) requires that the State and the DOT-AIR act to prevent hazards and not allow expansion of non-conforming uses. The DOT-AIR understands that the public has a significant investment in the existing landfill operation, but DOT-AIR has an even greater investment and need to protect public safety. While it may not be well understood by the general public that wildlife hazards near airports can lead to a catastrophic event causing loss of life and property, the State is working with all governing agencies and the public to minimize wildlife hazards around airports and coordinate the establishment of compatible land uses (reference the May 23, 2016 *Environmental Notice*, OEQC). Until such time that the landfill can be closed and a new one situated outside of the five-mile buffer, best cover management practices must be implemented for all landfill operations to mitigate wildlife hazards.
4. In conjunction with the Maui County Airport District Manager and his staff, DOT-AIR will monitor the situation into the future.

Highways Division (DOT-HWY)

DOT-HWY is still reviewing the subject project. Supplemental comments will be sent as soon as the review is completed.

If there are any questions, please contact Mr. Norren Kato of the DOT Statewide Transportation Planning Office at telephone number (808) 831-7976.

Sincerely,

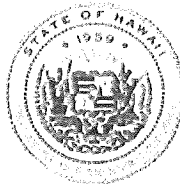


FORD N. FUCHIGAMI
Director of Transportation

c: Gordon Wong, Federal Aviation Administration
Marvin Moniz, DOT-AIR Maui County District Manager

OCT 24 2016

DAVID Y. IGE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

FORD N. FUCHIGAMI
DIRECTOR

Deputy Directors
JADE T. BUTAY
ROSS M. HIGASHI
EDWIN H. SNIFFEN
DARRELL T. YOUNG

IN REPLY REFER TO:

STP 8.2045

October 21, 2016

Ms. Colleen Suyama
Senior Associate
Munekio Hiraga
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Ms. Suyama:

Subject: Early Consultation for the Environmental Assessment
Central Maui Landfill Facilities Project
Puunene, Maui, Hawaii
TMK: (2) 3-8-003:019 (por.)

The Department of Transportation (DOT) previously commented on the subject project (STP 8.1979 attached). Supplemental comments are now being provided:

Highways Division (DOT-HWY)

The proposed work will involve a 40-acre expansion of the existing Central Maui Landfill consisting of additional changes to the previous review of the Applicant's letter dated July 10, 2015. The proposed changes also include the re consolidating for centralized use of offices, refuse baseyard, maintenance facility, waste collection facility, construction material facility, metal processing facility, warehousing facility and abandoned vehicle yard. Main accesses to the site are on Pulehu Road, a County road approximately one mile from Hana Highway.

Based on the information provided, an evaluation of any potential impacts to Hana Highway (Route 36) and Mokulele Highway (Route 311) should be addressed in a Traffic Assessment or Traffic Impact Assessment Study.

If there are any questions, please contact Mr. Norren Kato of the DOT Statewide Transportation Planning Office at telephone number (808) 831-7976.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ford N. Fuchigami", is written over a horizontal line.

FORD N. FUCHIGAMI
Director of Transportation



January 3, 2018

Jade Butay, Interim Director
Department of Transportation
State of Hawai'i
869 Punchbowl Street
Honolulu, Hawai'i 96813

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2) 3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i (DIR 0629 and STP 8.1979) (STP 8.2045)

Dear Mr. Butay:

Thank you for your department's letters of June 20, 2016 and October 21, 2016 providing early consultation comments for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui, Department of Environmental Management (DEM), we offer the following responses in the order of your department's comments:

June 20, 2016 Letter (Airports Division)

1. We acknowledge that the Central Maui Landfill Facilities Project is within two (2) miles of the Air Operations Area of the Kahului Airport.
2. We note your comment that the Federal Aviation Administration Advisory Circular for Hazardous Wildlife Attractions on or Near Airports requires a minimum distance of five (5) statute miles between the farthest edge of the Air Operations Area and a hazardous wildlife attractant. The proposed project involves integrated solid waste management uses and facilities that are intended to reduce the waste stream into the landfill and will not be expanding the active open landfill area.
3. As recommended, best cover management practices will continue to be utilized at the landfill, as needed, to mitigate potential wildlife hazards.
4. We note that DOT-AIR in conjunction with the Maui County Airport District Manager and his staff will monitor the situation into the future.

October 21, 2016 Letter (Highways Division)

1. A Traffic Impact Assessment Report (TIAR) will be prepared for the project that will evaluate potential impacts to Hana Highway and Mokulele Highway. A copy of the TIAR will be included and discussed in the Draft EA.

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at (808) 244-2015.

Very truly yours,



Colleen Suyama
Senior Associate

CS:tn

cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

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DAVID Y. IGE
GOVERNOR



JUN 13 2016

ARTHUR J. LOGAN
MAJOR GENERAL
ADJUTANT GENERAL

KENNETH S. HARA
BRIGADIER GENERAL
DEPUTY ADJUTANT GENERAL

STATE OF HAWAII
DEPARTMENT OF DEFENSE
OFFICE OF THE ADJUTANT GENERAL
3949 DIAMOND HEAD ROAD
HONOLULU, HAWAII 96816-4495

June 7, 2016

Munekiyo Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawaii 96793

Attn.: Ms. Colleen Suyama


Subject: Early Consultation Request for Proposed Central Maui Landfill Facilities Project at
Puunene, Maui, Hawaii, TMK (2) 3-8-003: 019 (por.)

Dear Ms. Suyama:

Thank you for the opportunity to comment on the above project, and please accept our apologies for this late response. The State of Hawaii Department of Defense has no comments to offer relative to the project.

Should you have any questions or concerns, please have your staff contact Mr. Lloyd Maki, Assistant Chief Engineering Officer at (808) 733-4250.

Sincerely,



ARTHUR J. LOGAN
Major General
Hawaii National Guard
Adjutant General

c: Ms. Elaine Baker, County of Maui, Department of Emergency Management
Ms. Havinne Okamura, Hawaii Emergency Management Agency

January 3, 2018

Arthur J. Logan
Major General
Department of Defense
Adjutant General
3949 Diamond Head Road
Honolulu, Hawai'i 96816-4495

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2) 3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i

Dear General Logan:

Thank you for your agency's letter of June 7, 2016 providing early consultation for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui, Department of Environmental Management, we appreciate your letter of confirmation that your agency has no comments to offer at this time.

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at (808) 244-2015.

Very truly yours,



Colleen Suyama
Senior Associate

CS:tn

Cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

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MAY 16 2016



OFFICE OF PLANNING STATE OF HAWAII

DAVID Y. IGE
GOVERNOR

LEO R. ASUNCION
DIRECTOR
OFFICE OF PLANNING

235 South Beretania Street, 6th Floor, Honolulu, Hawaii 96813
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804

Telephone: (808) 587-2846
Fax: (808) 587-2824
Web: <http://planning.hawaii.gov/>

Ref. No. P-15135

May 11, 2016

Ms. Colleen Suyama
Munekiyo Hiraga
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Ms. Suyama:

Subject: Proposed Central Maui Landfill Facilities Project
Environmental Assessment Pre-Consultation
State Special Permit
TMK: (2) 3-8-003: 019 (por.)
Puunene, Maui

The Office of Planning (OP) has reviewed the subject preparation notice for an Environmental Assessment (EA) by letter dated August 12, 2015. The comments from this letter remain applicable to the forthcoming draft EA. We note that the site is also within Important Agricultural Lands (IAL), and OP offers the following comments.

1. The County of Maui Department of Environmental Management (DEM) proposes to expand and consolidate maintenance and landfill activities adjacent to the Central Maui Landfill on an approximately 40-acre site.
2. The Draft EA should include detailed information regarding the previous IAL designation approval (DR09-38 Alexander & Baldwin, Inc.), and supporting information on the request for a State Special Permit to allow landfill activities on IAL designated lands.

Thank you for the opportunity to comment. If you have any questions, please contact Ms. Lorene Maki of our Land Use Division, at (808) 587-2888.

Sincerely,

A handwritten signature in cursive script, appearing to read "Leo R. Asuncion", is written over a faint, larger signature.

Leo R. Asuncion
Director

c: Elaine Baker, Department of Environmental Management
Land Use Commission



OFFICE OF PLANNING STATE OF HAWAII

RECEIVED

DAVID Y. IGE
GOVERNOR

LEO R. ASUNCION
ACTING DIRECTOR
OFFICE OF PLANNING

235 South Beretania Street, 6th Floor, Honolulu, Hawaii 96813
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804

2015 AUG 17 AM 7:46

Telephone: (808) 587-2846
Fax: (808) 587-2824
Web: <http://planning.hawaii.gov/>

COUNTY OF MAUI
DEPT. OF ENVIRONMENTAL MGMT.

Ref. No. P-14849

August 12, 2015

Ms. Michelle Makii
Department of Environmental Management
2050 Main Street, Suite 1C
Wailuku, Hawaii 96793

Dear Ms. Makii:

Subject: Early Consultation Request for the Central Maui Landfill Expansion,
Puunene, Maui, Hawaii; TMK: (2) 3-8-003:019 (por)

Thank you for the opportunity to provide comments on the early consultation request for a Draft Environmental Assessment (Draft EA) for the Central Maui Landfill Expansion, which was submitted by the County of Maui, Department of Environmental Management (DEM). The pre-consultation review material was transmitted to our office by letter, dated July 13, 2015.

It is our understanding that DEM seeks to expand maintenance and landfill activities adjacent to the Central Maui Landfill on an approximately 40-acre site. The current activities at the landfill include refuse collection, a vehicle baseyard, a maintenance facility, a household hazardous waste facility, a material recovery facility, warehousing and storage, and an abandoned vehicle yard. These activities occur at the Central Maui landfill, as well as in other locations on Maui. DEM proposes to gather these activities in a centralized area. Furthermore, the proposed subject location is zoned for agricultural use and is currently used to cultivate sugar cane.

The Office of Planning (OP) has reviewed the transmitted material and has the following comments to offer:

1. Pursuant to the HAR § 11-200-17(h) – land use plans, policies, and controls – this project must demonstrate that it is consistent with a number of state environmental, social, and economic goals and policies for land-use and housing development. OP provides technical assistance to state and county agencies in administering the statewide planning system in Hawaii Revised Statutes (HRS) Chapter 226, the Hawaii State Plan. The Hawaii State Plan provides goals, objectives, policies, and priority guidelines for growth, development, and the allocation of resources throughout the State. The Hawaii State Plan includes diverse objectives and policies of state interest including but not limited to the economy, agriculture, the visitor industry, federal expenditure, the physical environment, facility systems, socio-cultural advancement, climate change adaptation, and sustainability.

The Draft EA should include an analysis that addresses whether the proposed project conforms or is in conflict with the goals, objectives, policies, and priority guidelines listed in the Hawaii State Plan.

2. The coastal zone management area is defined as “all lands of the State and the area extending seaward from the shoreline to the limit of the State’s police power and management authority, including the U.S. territorial sea” see HRS § 205A-1 (definition of “coastal zone management area”).

HRS Chapter 205A requires all State and county agencies to enforce the coastal zone management (CZM) objectives and policies. The Draft EA should include an assessment as to how the proposed project conforms to the CZM objectives and its supporting policies set forth in HRS § 205A-2. The assessment on compliance with HRS Chapter 205A is an important component for satisfying the requirements of HRS Chapter 343. These objectives and policies include: recreational resources, historic resources, scenic and open space resources, coastal ecosystems, economic uses, coastal hazards, managing development, public participation, beach protection, and marine resources.

3. The Draft EA, should provide a list of any federal, state, or county permits required for this project. A listing of required permits will allow OP to examine the impact on plans, programs, and policy objectives that fall under the jurisdiction of our office.
4. Based on the information provided, the Central Maui Landfill project site is considerable distance from the coastline, however the project is within the State Land Use District zoned for agricultural use, within the Kalialinui watershed, and near water resources that ultimately connect to the coastline and nearshore waters of Kahului Bay. In order to ensure that valuable natural resources in the area remain protected, the negative effects of stormwater runoff and a wide range of human activities should be considered and mitigated. The Draft EA should summarize the area’s classification in the State Land Use Districts, its relation to wetlands and perennial streams, the tsunami evacuation zone, and the flood zone. These items, as well as the nearshore water quality classification, should be considered when developing mitigation measures to protect the coastal ecosystem.

OP has a number of resources available to assist in the development of projects which ensure sediment and stormwater control on land, thus protecting the nearshore environment. OP recommends consulting these guidance documents and stormwater evaluative tools when developing strategies to address polluted runoff. They offer useful techniques to keep soil and sediment in place and prevent contaminating nearshore waters, while considering the practices best suited for each project. These three evaluative tools that should be used during the design process include:

- Hawaii Watershed Guidance provides direction on site-appropriate methods to safeguard Hawaii’s watersheds and implement watershed plans
[http://files.hawaii.gov/dbedt/op/czm/initiative/nonpoint/HI Watershed Guidance Final.pdf](http://files.hawaii.gov/dbedt/op/czm/initiative/nonpoint/HI_Watershed_Guidance_Final.pdf)
- Stormwater Impact Assessments can be used to identify and evaluate information on hydrology, stressors, sensitivity of aquatic and riparian resources, and management measures to control runoff, as well as consider secondary and cumulative impacts to

Ms. Michelle Makii

August 12, 2015

Page 3

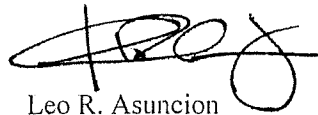
the area

http://files.hawaii.gov/dbedt/op/czm/initiative/stomwater_inapct/final_stormwater_impact_assessments_guidance.pdf

- Low Impact Development (LID), A Practitioners Guide covers a range of structural best management practices (BMP's) for stormwater control management, roadway development, and urban layout that minimizes negative environmental impacts
http://files.hawaii.gov/dbedt/op/czm/initiative/lid/lid_guide_2006.pdf
5. The 40-acre expansion site is within the State Agricultural District. The existing landfill previously obtained a State Special Use Permit via the County permit SP97-390. The expansion may require another State Special Permit or an amendment to the existing State Special Permit. Since the expansion is over 15-acres, the Land Use Commission must also approve the permit.
 6. The expansion area is designated as Prime lands under the ALISH system and as A, C, and E lands according to the Land Study Bureau ratings of soil productivity. The proposal will permanently remove Prime agricultural lands from cultivation. Information on the impacts to agriculture should be addressed in the Environmental Assessment.
 7. The Environmental Assessment should also include information on archaeological resources, flora and fauna resources, including invertebrates.

If you have any questions regarding this comment letter, please contact Josh Hekekie at 587-2845 or Lorene Maki at 587-2888.

Sincerely,



Leo R. Asuncion
Acting Director



January 3, 2018

Leo R. Asuncion, Director
Office of Planning
P.O. Box 2359
Honolulu, Hawai'i 96804

SUBJECT: Early Consultation Letter for the Central Maui Landfill Facilities
Project at TMK (2)3-8-003:019 (por.), Pu'unēnē, Maui, Hawai'i
(Ref. No. P-14849 and P-15135)

Dear Mr. Asuncion:

Thank you for your department's letters, dated August 12, 2015 and May 11, 2016, providing early consultation comments for use in preparing the Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui, Department of Environmental Management (DEM), we offer the following responses in the order of your department's comments:

August 12, 2015 Letter

1. The Draft EA will include an analysis that addresses the goals, objectives, policies, and priority guidelines in the Hawai'i State Plan.
2. The Draft EA will include an analysis of Chapter 205A, Hawai'i Revised Statutes (HRS), relating to the Hawai'i Coastal Zone Management objectives and policies.
3. The Draft EA will include a list of all federal, state and county permits anticipated to be required for the project.
4. The Draft EA will include a summary of the area's classification in the State Land Use Districts, its relation to wetlands and perennial streams, the tsunami evacuation zone and the flood zone. The nearby Kalialinui Gulch empties into the ocean several miles downstream near the Kahului Airport. The near shore water quality classification near the airport is Class A. As appropriate, mitigation measures will be included in the Draft EA.

5. The DEM will seek an amendment to State Special Permit No. 97-390 in order to include the additional approximate 40.8 acres in the Central Maui Landfill. We acknowledge the amendment will require State Land Use Commission approval.
6. The Draft EA will include a discussion on the impact of removing approximately 40.8 acres of land from the agricultural lands available on Maui.
7. The Draft EA will include information on archaeological resources, flora and fauna resources, including vertebrates. An archaeological assessment and flora and fauna study will be included and discussed in the Draft EA.

May 11, 2016 Letter

1. The Draft EA will include information regarding the previous Important Agricultural Land (IAL) designation approval (DR09-38 Alexander & Baldwin, Inc.) and supporting information on the request for an amendment to a State Special Permit to allow the proposed project on IAL designated lands.

Again, thank you for your participation in the Chapter 343, HRS review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at (808) 244-2015.

Sincerely,



Colleen Suyama
Senior Associate

CS:tn

cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

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Kyle Ginoza - Central Maui Landfill Expansion – Early Consultation Request

From: Paul Haake
To: Kyle Ginoza
Date: 7/29/2015 2:25 PM
Subject: Central Maui Landfill Expansion – Early Consultation Request

Hi Kyle,

Below are comments in regards to the referenced subject. Please let me know if there are any questions or comments.

Thanks.

July 29, 2015

Kyle Ginoza - Director
Department of Environmental Management
2050 Main Street, Suite 1C
Wailuku, HI 96793

Re: Central Maui Landfill Expansion – Early Consultation Request
Pu'unene, Maui, HI
(2) 3-8-003: 019

Dear Kyle:

Thank you for the opportunity to comment on this subject. At this time, our office provides the following comments:

- Our office would be interested in the water supply that is available for fire protection at the site.
- Our office also reserves the right to provide comment during the building permit review process when detailed plans for the proposed renovations are submitted. At that time, fire department access, water supply for fire protection, and fire and life safety requirements will be addressed.

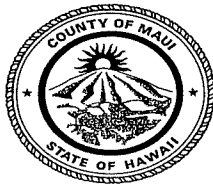
If there are any questions or comments, please feel free to contact me. Thank you for your attention to fire prevention and public safety.

Sincerely,

Paul Haake
Captain - Fire Prevention Bureau
Dept. of Fire & Public Safety
County of Maui

MAY 19 2016

ALAN M. ARAKAWA
MAYOR



JEFFREY A. MURRAY
FIRE CHIEF

ROBERT M. SHIMADA
DEPUTY FIRE CHIEF

COUNTY OF MAUI
DEPARTMENT OF FIRE AND PUBLIC SAFETY
FIRE PREVENTION BUREAU

313 MANEA PLACE . WAILUKU, HAWAII 96793
(808) 876-4690 . FAX (808) 244-1363

May 13, 2016

Munekiyo Hiraga
Attn: Colleen Suyama
305 High Street Suite 104
Wailuku, HI 96793

Re: Proposed Central Maui Landfill Facilities Project at Pu'unene
(2) 3-8-003: 019 (por.)

Dear Colleen:

Thank you for the opportunity to comment on this subject. At this time, our office provides the following comments:

- The basic concerns of the fire department for most projects are fire apparatus access and water supply for fire protection. From the submittal, access appears to be provided; however water supply for fire protection is not identified. It is our hope that these concerns are looked into as the facility expands.
- Our office also reserves the right to comment during the building permit review process if a permit for a proposed structure associated with this project is routed to our office for review. At that time, fire department access, water supply for fire protection, and fire and life safety requirements for the proposed structure will be evaluated.

If there are any questions or comments, please feel free to contact me at (808) 876-4693.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul Haake", is written over a horizontal line.

Paul Haake
Captain, Fire Prevention Bureau



MUNEKIYO HIRAGA

Planning. Project Management. Sustainable Solutions.

Michael T. Munekiyo

PRESIDENT

Karlynn K. Fukuda

EXECUTIVE VICE PRESIDENT

Mark Alexander Roy

VICE PRESIDENT

Tessa Munekiyo Ng

VICE PRESIDENT

January 3, 2018

Paul Haake, Captain
Fire Prevention Bureau
313 Manea Place S. High Street, Room 434
Wailuku, Hawai'i 96793

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2)3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i

Dear Captain Haake:

Thank you for your email correspondence dated July 29, 2015 and letter dated May 13, 2016, providing early consultation comments for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui, Department of Environmental Management (DEM), we offer the following responses in the order of your department's comments:

1. A preliminary engineering report will be included in the Draft EA addressing the water supply for fire protection.
2. We acknowledge that, at the time of building permit review for any structures, fire department access, water supply for fire protection and fire and life safety requirements will be evaluated by your department.

Paul Haake, Captain
January 3, 2018
Page 2

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at 244-2015.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Colleen Suyama', with a long horizontal flourish extending to the right.

Colleen Suyama
Senior Associate

CS:la

cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

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DEPARTMENT OF
HOUSING AND HUMAN CONCERNS
HOUSING DIVISION
COUNTY OF MAUI

MAY 09 2016
ALAN M. ARAKAWA
Mayor
CAROL K. REIMANN
Director
JAN SHISHIDO
Deputy Director

35 LUNALILO STREET, SUITE 102 • WAILUKU, HAWAII 96793 • PHONE (808) 270-7351 • FAX (808) 270-6284

May 3, 2016

Ms. Colleen Suyama
Munekiyo Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Ms. Suyama:

SUBJECT: Additional Early Consultation Request for the Proposed Central Maui Landfill Facilities Project at Puunene, Maui, Hawaii TMK: (2) 3-8-003:019 (por),

The Department has reviewed the Additional Early Consultation Request for the above subject project. Based on our review, we have determined that the subject project is not subject to Chapter 2.96, Maui County Code. At the present time, the Department has no additional comments to offer.

Please call Mr. Veranio Tongson Jr. of our Housing Division at (808) 270-1741 if you have any questions.

Sincerely,

BUDDY A. ALMEIDA
Housing Administrator

cc: Director of Housing and Human Concerns
Department of Environmental Management





DEPARTMENT OF
HOUSING AND HUMAN CONCERNS
HOUSING DIVISION
COUNTY OF MAUI

ALAN M. ARAKAWA
Mayor


JAN SHISHIDO
Deputy Director

35 LUNALILO STREET, SUITE 102 • WAILUKU, HAWAII 96793 • PHONE (808) 270-7351 • FAX (808) 270-6284

MEMORANDUM

DEM
RECEIVED JUL 15 2015

TO: Michelle Makii
Department of Environmental Management

FROM:  Wayde Oshiro, Housing Administrator
Housing Division

DATE: July 15, 2015

SUBJECT: **Early Consultation Request for Central Maui Landfill Expansion,
TMK: (2) 3-8-003:019 (por), Puunene, Maui, Hawaii**

The Department has reviewed the Early Consultation Request for the above subject project. Based on our review, we have determined that the subject project is not subject to Chapter 2.96, Maui County Code. At the present time, the Department has no additional comments to offer.

Please call Mr. Veranio Tongson Jr. of our Housing Division at (808) 270-1741 if you have any questions.

cc: Deputy Director of Housing and Human Concerns



MUNEKIYO HIRAGA

Planning. Project Management. Sustainable Solutions.

Michael T. Munekiyo

PRESIDENT

Karlynn K. Fukuda

EXECUTIVE VICE PRESIDENT

Mark Alexander Roy

VICE PRESIDENT

Tessa Munekiyo Ng

VICE PRESIDENT

January 3, 2018

Buddy A. Almeida
Housing Administrator
Department of Housing and
Human Concerns
35 Lunalilo Street, Suite 102
Wailuku, Hawai'i 96793

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2)3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i

Dear Mr. Almeida:

Thank you for your department's letters dated July 15, 2015 and May 3, 2016, providing early consultation comments for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui, Department of Environmental Management, we appreciate your department's letters determining the project is not subject to Chapter 2.96, Maui County Code and that your department has no additional comments to offer.

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at 244-2015.

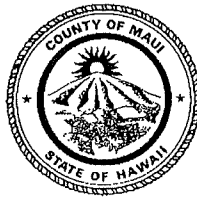
Very truly yours,

Colleen Suyama
Senior Associate

cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

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ALAN M. ARAKAWA
Mayor



MAY 23 2016

KA'ALA BUENCONSEJO
Director

BRIANNE L. SAVAGE
Deputy Director

DEPARTMENT OF PARKS & RECREATION

700 Hali'a Nakoa Street, Unit 2, Wailuku, Hawaii 96793

(808) 270-7230
FAX (808) 270-7934

May 17, 2016

Ms. Colleen Suyama
Munekiyo Hiraga
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Ms. Suyama:

**SUBJECT: PROPOSED CENTRAL MAUI LANDFILL FACILITIES PROJECT,
PU'UNENE, MAUI, HAWAII, TMK: (2) 3-8-003:019 (por.)**

Thank you for the opportunity to review and comment on the proposed adjustments to the conceptual site plan for the subject project. The Department of Parks and Recreation has no comment at this time, and looks forward to reviewing the Draft Environmental Assessment when it is available.

Should you have any questions or concerns, please feel free to contact me or Robert Halvorson, Chief of Planning and Development, at 270-7931.

Sincerely,

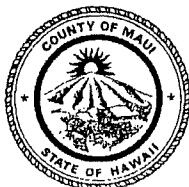
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KA'ALA BUENCONSEJO
Director of Parks & Recreation

c: Elaine Baker, Department of Environmental Management
Robert Halvorson, Chief of Planning and Development

KB:RH:csa

ALAN M. ARAKAWA
Mayor



KA'ALA BUENCONSEJO
Director

RECEIVED

BRIANNE L. SAVAGE
Deputy Director

2015 JUL 30 PM 2:03

DEPARTMENT OF PARKS & RECREATION

700 Hali'a Nakoa Street, Unit 2, Wailuku, Hawaii 96793
COUNTY OF MAUI
DEPT. OF ENVIRONMENTAL MGMT.

(808) 270-7230
FAX (808) 270-7934

July 28, 2015

Ms. Michelle Makii
Department of Environmental Management
2050 Main Street, Suite 1C
Wailuku, Hawaii 96793

Dear Ms. Makii:

**SUBJECT: EARLY CONSULTATION REQUEST
CENTRAL MAUI LANDFILL EXPANSION, PU'UNENE, MAUI
TMK: (2) 3-8-003:019 (por.)**

Thank you for the opportunity to review and comment on the subject project. The Department of Parks and Recreation has no comment at this time, and looks forward to reviewing the Draft Environmental Assessment when it is available. Should you have any questions or concerns, please feel free to contact me or Robert Halvorson, Chief of Planning and Development, at 270-7931.

Sincerely,

A handwritten signature in black ink, appearing to read "Ka'ala Buenconsejo", is written over a horizontal line.

KA'ALA BUENCONSEJO
Director of Parks & Recreation

c: Robert Halvorson, Chief of Planning and Development

KB:RH:csa



MUNEKIYO HIRAGA

Planning. Project Management. Sustainable Solutions.

Michael T. Munekiyo

PRESIDENT

Karlynn K. Fukuda

EXECUTIVE VICE PRESIDENT

Mark Alexander Roy

VICE PRESIDENT

Tessa Munekiyo Ng

VICE PRESIDENT

January 3, 2018

Ka'ala Buenconsejo, Director
Department of Parks and Recreation
700 Hali'a Nakoa Street, Unit 2
Wailuku, Hawai'i 96793

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2)3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i

Dear Mr. Buenconsejo:

Thank you for your department's letters dated July 28, 2015 and May 17, 2016, providing early consultation comments for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui, Department of Environmental Management, we acknowledge your department does not have any comments at this time.

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at 244-2015.

Very truly yours,

Colleen Suyama
Senior Associate

CS:la

cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

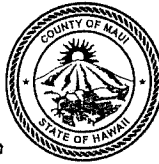
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ALAN M. ARAKAWA
Mayor

WILLIAM R. SPENCE
Director

ICHELE CHOUTEAU McLEAN
Deputy Director

RECEIVED



2015 AUG 20 AM 10:49

COUNTY OF MAUI
DEPT. OF ENVIRONMENTAL MGMT.
DEPARTMENT OF PLANNING

August 17, 2015

Ms. Michelle Makii
Department of Environmental Management
2050 Main Street, Suite 1C
Wailuku, Hawaii 96793

Dear Ms. Makii:

**SUBJECT: EARLY CONSULTATION REQUEST FOR COMMENT REGARDING
THE CENTRAL MAUI LANDFILL EXPANSION, LOCATED IN
PUUNENE, ISLAND OF MAUI, HAWAII; TMK (2) 3-8-003:019
(RFC 2015/0115)**

The Department of Planning (Department) is in receipt of your Request For Comment (RFC) dated July 13, 2015 regarding the above subject matter.

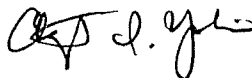
At this time, the Department has the following early consultation comments based on the very brief information provided within your RFC:

1. Please check with our Zoning Administration and Enforcement Division to confirm the zoning designations so that the correct land use permits are submitted and processed accordingly. It appears that the above Tax Map Key (TMK) is not part of the Special Management Area (SMA).
2. The proposed action is very similar in nature to the DEM request for 2007 Hana Land Fill Expansion, whereby a County Special Use Permit (CUP) and State Land Use Commission Special Permit (SUP1) were processed in order to expand the landfill boundaries.
3. A Draft Environmental Statement (EA) was also processed prior to the land use entitlement process and the Department is assuming that the EA process would happen first and separately from the land use entitlement process.

Ms. Michelle Makii
August 17, 2015
Page 2

Thank you for the opportunity to comment on this matter. If additional clarification is required, please contact Staff Planner Paul Fasi at paul.fasi@mauicounty.gov or at 270-7814.

Sincerely,



CLAYTON I. YOSHIDA, AICP
Planning Program Administrator

for WILLIAM SPENCE
Planning Director

xc: John S. Rapacz, Planning Program Administrator (PDF)
Paul F. Fasi, Staff Planner (PDF)
Project File
General File

WRS:CIY:PFF:sn

K:\WP_DOCS\PLANNING\RFC\2015\0115_CentralMauiLandfill\RFCcomment1.doc

January 3, 2018

William Spence, Director
Department of Planning
One Main Plaza, Suite 315
2200 Main Street
Wailuku, Hawai'i 96793

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2) 3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i

Dear Mr. Spence:

Thank you for your department's letter of August 17, 2015 providing early consultation comment for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui Department of Environmental Management (DEM), we offer the following responses in the order of your department's comments:

1. As suggested, a Zoning and Flood Confirmation form has been completed by the Zoning Administration and Enforcement Division.
2. We note your comment that the request is similar in nature to the DEM's request in 2007 for the Hana Landfill Expansion, whereby a County Special Use Permit and State Land Use Commission Special Permit were processed.
3. We confirm the Chapter 343, Hawai'i Revised Statutes (HRS) EA is being processed by the DEM, which is the proposing and determination agency for the project. A copy of the Draft EA will be included with the land use applications that will be filed with the Department of Planning. A copy of the Final EA will be filed with the Department upon completion of the Chapter 343, HRS process.

William Spence, Director
January 3, 2018
Page 2

Again, thank you for your participation in the Chapter 343, HRS review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at 244-2015.

Very truly yours,

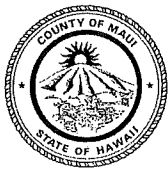
A handwritten signature in black ink, appearing to read 'Colleen Suyama', with a long horizontal flourish extending to the right.

Colleen Suyama
Senior Associate

CS:tn

cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

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ALAN M. ARAKAWA
MAYOR

OUR REFERENCE
YOUR REFERENCE

POLICE DEPARTMENT

COUNTY OF MAUI

55 MAHALANI STREET
WAILUKU, HAWAII 96793
(808) 244-6400
FAX (808) 244-6411

MAY 13 2016



TIVOLI S. FAAUMU
CHIEF OF POLICE

DEAN M. RICKARD
DEPUTY CHIEF OF POLICE

May 9, 2016

Ms. Colleen Suyama
Senior Associate
Munekiyo and Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Ms. Suyama:

SUBJECT: Proposed Central Maui Landfill Facilities Project at Puunene, Maui, Hawaii
TMK (2) 3-8-003:019 (por.)

This is in response to your letter dated April 29, 2015, requesting comments on the above subject.

Please refer to the enclosed copy of the to/from submitted by Officer Jhun-Lee Casio of our Community Policing Program.


Thank you for giving us the opportunity to comment on this project.

Sincerely,

Assistant Victor K. Ramos
for: TIVOLI S. FAAUMU
Chief of Police

Enclosure

c: Ms. Elaine Baker, Dept. of Environmental Management
Mr. William Spence, Dept. of Planning


Victor K. Ramos
Assistant Chief
5/6/16

TO : TIVOLI FAAUMU, CHIEF OF POLICE, COUNTY OF MAUI

VIA : CHANNELS

FROM : JHUN-LEE CASIO, POLICE OFFICER III, COMMUNITY POLICING

**SUBJECT : RESPONSE TO A REQUEST FOR COMMENTS REGARDING:
PROPOSED CENTRAL MAUI LANDFILL FACILITIES PROJECT
AT PU'UNENE, MAUI TMK (2) 3-8-003:019 (por).**

This communication is submitted as a response to a request for comments by Elaine BAKER, Department of Environmental Management regarding.

PROJECT : Proposed Central Maui Landfill Facilities Project at Pu'unene, Maui
TMK (2) 3-8-003:019 (por)

LOCATION : Central Maui Landfill (1 Pulehu Road, Kahului)

TMK NO. : TMK (2) 3-8-003: 019 (por)

RESPONSE:

In review of the submitted documents, concerns from the police perspective are upon the safety of pedestrian and vehicular movement.

The County of Maui Department of Environmental Management is seeking consultation comments for the proposed Central Maui Landfill Facilities Project at Pu'unene, Maui Hawaii under TMK No. (2) 3-8-003:019 (por). The activities proposed for the project include offices, a refuse collection base yard, maintenance facilities, a household hazardous and electronic waste collection facility, a construction and demolition material recovery facility, metals processing facility, warehousing and storage facility, and an abandoned vehicle yard. The County is proposing to consolidate all of these facilities into a single location adjacent to the existing Central Maui landfill on Pulehu Road in Kahului.

During the construction phase, extreme efforts should be made to minimize noise, dust, and debris so not to inhibit those whose health and well being may be affected. Adequate traffic control devices and personnel should also be utilized to minimize the impacts to pedestrian and vehicular movement by the heavy equipment and vehicles traveling in and out of the area.

It is the duty of the project manager to examine the impact of vehicular movement within the area while work is conducted on this project.

Page 2

It is also important to consider proper and adequate lighting during evening, late night, and early morning hours during construction and after the project is completed. Congregation of the unlawful element, whether it is by status offense or by criminal offense tends to occur in poorly lit areas that are easily accessible and away from the general population.

CONCLUSION:

There are no objections to the proposed Central Maui Landfill Facilities Project, from the police standpoint, in regards to pedestrian and vehicular movement. However, consideration is requested for sufficient lighting to be installed for not only the safety of vehicular movement, but for crime prevention and deterrence as well.

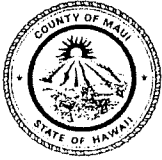
Respectfully submitted,

Jhun-lee Casio 12935

Jhun-lee Casio E#12935
Police Officer III / Community Policing
05/04/16 @ 0900 hrs.

LANDFILL UPGRADES
RECOMMENDED APPROVAL
050616

For Consideration,
A/pt. [Signature]
5/6/16



ALAN M. ARAKAWA
MAYOR

OUR REFERENCE
YOUR REFERENCE

POLICE DEPARTMENT

COUNTY OF MAUI

2015 AUG -5 PM 2:17

55 MAHALANI STREET
WAILUKU, HAWAII 96793
(808) 244-6400
FAX (808) 244-6411
COUNTY OF MAUI
DEPT. OF ENVIRONMENTAL MGMT.



TIVOLI S. FAAUMU
CHIEF OF POLICE

DEAN M. RICKARD
DEPUTY CHIEF OF POLICE

July 29, 2015

MEMORANDUM

TO: KYLE K. GINOZA, P.E.
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

FROM : TIVOLI S. FAAUMU, CHIEF OF POLICE

SUBJECT : Early Consultation Request: Central Maui Landfill Expansion
TMK: (2) 3-8-003:019 (por.), Puunene, Maui

☒ No recommendation or comment to offer.

☐ Refer to enclosed comments and/or recommendations.

Thank you for giving us the opportunity to comment on this project.

Assistant Chief Victor K. Ramos
For: TIVOLI S. FAAUMU
Chief of Police

Enclosure

c: William Spence, Maui County Planning Department

January 3, 2018

Tivoli S. Faaumu
Chief of Police
Police Department
55 Mahalani Street
Wailuku, Hawai'i 96793

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2)3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i

Dear Chief Faaumu:

Thank you for your department's letters dated July 29, 2015 and May 9, 2016, providing early consultation comments for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui, Department of Environmental Management (DEM), we offer the following responses in the order of your department's comments:

1. During the construction phase, efforts will be made to minimize noise, dust, and debris as much as possible. Also, traffic control measures will be coordinated with the Police Department to minimize impacts to pedestrian and vehicular movements by heavy equipment and vehicles traveling in and out of the project area.
2. There will not be night time construction and outdoor lighting at the facilities will be limited to security lighting.
3. Every effort will be made by DEM to provide adequate lighting for safety of vehicular movement and crime prevention and deterrence.

Tivoli S. Faaumu, Chief
January 3, 2018
Page 2

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at 244-2015.

Very truly yours,



Colleen Suyama
Senior Associate

CS:la

cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

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ALAN M. ARAKAWA
Mayor

DAVID C. GOODE
Director

ROWENA M. DAGDAG-ANDAYA
Deputy Director

Telephone: (808) 270-7845
Fax: (808) 270-7955



COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
200 SOUTH HIGH STREET, ROOM NO. 434
WAILUKU, MAUI, HAWAII 96793

MAY 26 2016
GLEN A. UENO, P.E., P.L.S.
Development Services Administration

CARY YAMASHITA, P.E.
Engineering Division

LESLI L. OTANI, P.E., L.S.
Highways Division

May 18, 2016

Ms. Colleen Suyama, Senior Associate
MUNEKIYO HIRAGA
305 High Street, Suite 104
Wailuku, Maui, Hawaii 96793

Dear Ms. Suyama:

**SUBJECT: ADDITIONAL EARLY CONSULTATION COMMENTS
FOR PROPOSED CENTRAL MAUI LANDFILL FACILITIES
PROJECT AT PU'UNENE, MAUI, HAWAII;
TMK: (2) 3-8-003:019 (POR.)**

We reviewed your request for additional early consultation comments and have no comments at this time.

Please call Rowena M. Dagdag-Andaya at 270-7845 if you have any questions regarding this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "David C. Goode".
p DAVID C. GOODE
Director of Public Works

DCG:da

xc: Elaine Baker, Engineer, Solid Waste Division
Highways Division
Engineering Division

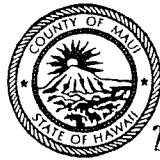
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ALAN M. ARAKAWA
Mayor

DAVID C. GOODE
Director

ROWENA M. DAGDAG-ANDAYA
Deputy Director

Telephone: (808) 270-7845
Fax: (808) 270-7955



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2015 JUL 30 AM 10: 43

COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
COUNTY OF MAUI
DEPT. OF ENVIRONMENTAL MGMT.

200 SOUTH HIGH STREET, ROOM NO. 434
WAILUKU, MAUI, HAWAII 96793

July 27, 2015

GLEN A. UENO, P.E., P.L.S.
Development Services Administration

CARY YAMASHITA, P.E.
Engineering Division

BRIAN HASHIRO, P.E.
Highways Division

Ms. Michelle Makii
Department of Environmental Management
2050 Main Street, Suite 1C
Wailuku, Maui, Hawaii 96793

Dear Ms. Makii:

**SUBJECT: EARLY CONSULTATION REQUEST
CENTRAL MAUI LANDFILL EXPANSION
PU'UNENE, MAUI, HAWAII; TMK: (2) 3-8-003:019 (POR.)**

We reviewed the early consultation request and have the following comments:

Comments from the Highways Division:

1. We would recommend that a water tank be included in the project for domestic water use and for fire protection. This will also require bringing water from off-site to the landfill.

Comments from Development Services Administration, Building Inspection Section:

2. The Development Services Administration would like to note that any new structures or improvements related to the proposed uses may require a building permit prior to construction.

Please call Rowena M. Dagdag-Andaya at 270-7845 if you have any questions regarding this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Goode", is written over a horizontal line.

DAVID C. GOODE
Director of Public Works

DCG:RMDA:da

xc: Highways Division
Engineering Division

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January 3, 2018

David Goode, Director
Department of Public Works
200 South High Street, Room 434
Wailuku, Hawai'i 96793

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2) 3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i

Dear Mr. Goode:

Thank you for your department's letters of July 27, 2015 and May 18, 2016 providing early consultation comments for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui Department of Environmental Management (DEM), we offer the following in the order of your department's comments:

1. The Central Maui Landfill has an existing water tank in place that provides non-potable water. Bottled water is brought in for domestic use. The DEM will include upgrades to the onsite water system to provide for the water needs of the proposed project.
2. We acknowledge any new structures or improvements related to the proposed uses may require a building permit prior to construction.

David Goode, Director
January 3, 2018
Page 2

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at 244-2015.

Very truly yours,



Colleen Suyama
Senior Associate

CS:tn

cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

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ALAN M. ARAKAWA
Mayor



DAVID TAYLOR, P.E.
Director

PAUL J. MEYER
Deputy Director

DEPARTMENT OF WATER SUPPLY
COUNTY OF MAUI
200 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAII 96793-2155
www.mauiwater.org

August 12, 2015

County of Maui
Department of Environmental Management
2050 Main Street, Suite 1C
Wailuku, Hawaii 96793

Dear Mr. Ginoza:

RE: Pre-Consultation for a Draft Environmental Assessment (DEA)
Central Maui Landfill Expansion (Wailuku, Maui, Hawaii)
TMK: (2) 3-8-003:019 (por.)

Thank you for the opportunity to offer the following comments on the referenced project.

Source Availability and Consumption

The water source for the project site is the Paia aquifer. The DEA should include the source of water and an estimated water consumption based on system standards.

System Infrastructure

DWS has no water infrastructure within the proposed project. The expansion of the landfill will have no negative affect on the Department of Water (DWS) water system.

Pollution Prevention

In order to protect ground and surface water sources, Best Management Practices (BMPs) designed to minimize infiltration and runoff from construction should be implemented during construction. The mitigation measures below should be included in the DEA and be implemented during construction:

- Prevent cement products, oil, fuel and other toxic substances from falling or dripping on the ground as this can cause them to leach into the ground. Store them in proper containers on non-porous surfaces and protect from the elements.
- Properly and promptly dispose of all loosened and excavated soil and debris material from drainage structure work.
- Retain ground cover until the last possible date.
- Stabilize denuded areas by sodding or planting as soon as possible. Replanting should include soil amendments and temporary irrigation. Use high seeding rates to ensure rapid stand establishment.

"By Water All Things Find Life"

Mr. Kyle Ginoza
County of Maui
Department of Environmental Management

- Avoid fertilizers and biocides, or apply only during periods of low rainfall to minimize chemical run-off.
- Keep run-off on site.

Conservation

DWS recommends that the applicant include the following conservation measures in the DEA and implement them in the project.

Indoor Conservation Measures:

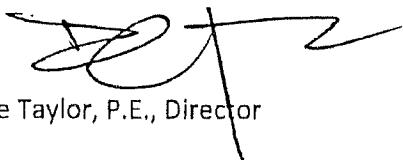
- Use EPA WaterSense labeled plumbing fixtures;
- Install flow reducers and faucet aerators in all plumbing fixtures wherever possible; and
- Install dual flush toilets with high efficiency models that use 1.28 gallons per flush or less.

Outdoor Conservation Measures

- If irrigating recommend use of Smart Approved WaterMark irrigation products. Examples include ET irrigation controllers, drip irrigation, and water saving spray heads;
- Avoid plant fertilizing and pruning that would stimulate excessive growth. Time watering to occur in the early morning or evening to limit evaporation. Limit turf to as small an area as possible;
- Use native climate-adapted plants for landscaping. Native plants adapted to the area conserve water and protect the watershed from degradation due to invasive alien species; and
- Dust control: Reclaimed water for dust control is available at the Kahului and Kihei Wastewater Treatment Plant at a reasonable cost. It should be considered as an alternative source of non-potable water for dust control during construction.

Should you have any questions, please contact Audrey Dack at audrey.dack@co.maui.hi.us or at (808) 463-3109.

Sincerely,



Dave Taylor, P.E., Director
apd

cc: DWS Engineering and Water Resources & Planning Divisions



January 3, 2018

David Taylor, Director
Department of Water Supply
200 South High Street
Wailuku, Hawai'i 96793

SUBJECT: Early Consultation Letter for the Proposed Central Maui Landfill
Facilities Project at TMK (2) 3-8-003:019 (por.), Pu'unēnē, Maui,
Hawai'i

Dear Mr. Taylor:

Thank you for your department's letter of August 12, 2015 providing early consultation comment for use in preparing a Draft Environmental Assessment (EA) for the proposed Central Maui Landfill Facilities project. On behalf of the County of Maui Department of Environmental Management, we offer the following responses in the order of your department's comments:

1. We acknowledge the water source for the project is the Paia aquifer and the Draft EA will include the source of water and an estimated water consumption based on system standards.
2. We acknowledge the Department of Water Supply (DWS) has no water infrastructure within the proposed project and the Central Maui Landfill Facilities project will have no negative effect on the DWS water system.
3. As appropriate, recommended mitigation measures to protect ground and surface water sources shall be considered for inclusion in the Draft EA.
4. As appropriate, recommended indoor and outdoor conservation measures shall be considered for inclusion in the Draft EA.

David Taylor, Director
January 3, 2018
Page 2

Again, thank you for your participation in the Chapter 343, Hawai'i Revised Statutes review process. A copy of your letter will be included in the Draft EA. A copy of the Draft EA will be sent to your office for review and comment. In the meantime, if there are any questions or if additional information is needed, please feel free to contact me at 244-2015

Very truly yours,

A handwritten signature in black ink, appearing to read 'Colleen S.', with a long horizontal flourish extending to the right.

Colleen Suyama
Senior Associate

CS:tn

cc: Elaine Baker, Department of Environmental Management
Ali Mehrazarin, A-MEHR, Inc.

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REFERENCES

IX

IX. REFERENCES

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