

Renewable Energy Permitting Online

Hawaii State Energy Office

Department of Business, Economic Development and Tourism

April 3, 2012

2012 Hawaii Build and Buy Green Conference and Expo

Price of Paradise

- 85-90% of our energy (and food) is imported*
- 95% of our oil comes from foreign countries**
 - Vietnam, Indonesia, Thailand, Russian, China, New Guinea, Saudi Arabia, Middle East, Australia, South America, Canada, U.S. (AK, CA, WA)
- Highest electricity costs in US ... by far***
 - ¢44.4/kWh – Lanai, ¢44.3/kWh – Molokai, ¢42.5/kWh – Hawaii
 - ¢41.5/kWh – Kauai, ¢36.7/kWh – Maui, ¢33/kWh – Oahu
 - ¢11-12/kWh – US Average (¢17.98/kWh – AK, ¢17.3/kWh – CT)
- Highest gasoline costs in US ... by far****
 - \$4.71/gal – Hawaii
 - \$3.941/gal US Average (\$4.34/gal – Alaska, \$4.32/gal – California)

* Highest food costs in US ... by far ...for family of four - \$1,038 (HI); \$629/mo (US Average) – US Department of Agriculture, Cost of Food at Home, based on Thrifty Plan Food Costs (2012); representative healthful and minimal cost meal plan; assumes that all purchased food is consumed at home.

** US Energy Information Administration, Crude Reports (2009)

*** Hawaii Energy, KIUC (2012)

****AAA Daily Fuel Gauge Report (March 2012)

Updates

- Permitting guidance
 - City & County of Honolulu: 2012/INT-1
 - Maui County: Procedure No. DSA 18.0
 - Kauai & Hawaii County: PV systems guidance
- Continued collaboration
- Legislative Session (2012)
 - Modify state tax credits for wind/solar/bioenergy
 - HB2417, SB2288, HB2262, SB2666
 - Prohibit PPAs if developer claims tax credit
 - SB2288, HB2121
 - Raise NEM capacity limit
 - HB2121

Online Permitting

- DBEDT Permitting Wizard *Under Development*
- DOH e-Permitting Portal *Under Development*
- Geographic Information System (GIS) *Under Development*
- DPP Online Building Permit(s)
 - Solar (single-family): new installation, replace panels, heat pump
 - Electrical (single-family): meter upgrade/replacement, rewiring, PV installation, Electric Vehicle (EV) charger installation
 - Plumbing (single-family): replacement of fixtures, new house/sink filter systems and/or new water softener system
 - Building (single-family): A/C installation (split type), new fence
- Electronic finance/project development modeling
 - E.g., Clean Power Finance - connects investors w/solar marketers/installers/distributors, provides finance products

Existing Project Permitting Website

- <http://energy.hawaii.gov/>
- <http://energy.hawaii.gov/developer-investor>
- <http://energy.hawaii.gov/developer-investor/renewable-energy-project-permitting-in-the-state-of-hawaii>



Existing Project Permitting Website

Energy Independence...
it's up to us.

Home

- ▣ About
- ▣ Energy Efficiency
- ▣ Renewable Energy
- ▣ Policy
- ▣ Island Projects
- ▣ Working Groups
- Project Permitting
 - Hawaii Interisland
 - Renewable Energy Program
 - News
 - Events











State Permits for Renewable Energy Projects

After completing the checklist at the end of the relevant resource guidebook, follow the links on the state permits you have identified as required by the State of Hawai'i based on your project.

The following documents are available as Adobe Acrobat PDFs. [Download Adobe Reader.](#)

| Permit Packet | Permit |
|-------------------------------|--|
| Appendix S-01 | Coastal Zone Management Federal Consistency Review |
| Appendix S-02 | Agricultural Burning Permit |
| Appendix S-03 | Air Pollution Control (APC) Permit (Covered Source Permit and Noncovered Source Permit) |
| Appendix S-04 | Biosolids Treatment Works Notice of Intent |
| Appendix S-05 | Environmental Impact Statement/ Environmental Assessment |
| Appendix S-06 | Hazardous Waste TSD Permit |
| Appendix S-07 | Individual Wastewater Management Permit |
| Appendix S-08 | National Pollutant Discharge Elimination System Permit |
| Appendix S-09 | Solid Waste Management by Rule |
| Appendix S-10 | Hawaii Emergency Planning and Community Right-to-Know Act (HEPCRA) Chemical Inventory Report |
| Appendix S-11 | Underground Injection Control |
| Appendix S-12 | Underground Storage Tank |
| Appendix S-13 | Variance from Pollution Control |
| Appendix S-14 | Zone of Mixing Permit |
| Appendix S-15 | Incidental Take License and Habitat Conservation Plan |
| Appendix S-16 | Pesticide Experimental Use Permit (EUP) |
| Appendix S-17 | Pesticide Applicator Certification |
| Appendix S-18 | Noise Permit |
| Appendix S-19 | Section 401 Water Quality Certification (WQC) Permit |
| Appendix S-20 | Boiler/Pressure Vessel Permit |

APPENDIX S-2

Agricultural Burning Permit

Hawaii Department of Health (DOH)
Environment Management Division
Clean Air Branch

Permit Packet Includes:

1. Process Overview
2. Application Form CAB-AG-1
3. Instructions for Application
4. Hawaii Administrative Rules §11-60.1

Approval or Permit Required: To apply for agricultural burning (i.e. the use of open outdoor fires in agricultural operations, forest management, or range improvement).

Contact Information: Clean Air Branch
Environmental Management Division
Hawaii Department of Health
P. O. Box 3378, Honolulu, Hawaii 96801

Website: http://hawaii.gov/health/environmental/environmental/air/cab/cabpermits/permitapps_index.html

Guide to Renewable Energy Permits V. 2

clean energy economy for Hawaii. Spurred

Hawaii State Energy Office

Hawai'i State Energy Office



DRAFT

A Guide to Renewable Energy Facility Permits in the State of Hawai'i, Version 2

Website and Online Permit Evaluation Tool



May 19, 2011

Table 2-4. Checklist of Federal Renewable Energy Approvals

|  | Possible Activity to be Performed | Permit Packet Number | Department | Name of Permit |
|---|--|----------------------|---|--|
| Federal Environmental Permits and Reviews | | | | |
| | Any of the following activities trigger this permit: (1) work in "waters of the US", including placement of structures. "Waters of the US" encompass a range of surface water features, including wetlands, lakes, intermittent streams, rivers, and ocean areas; (2) discharge of dredged or fill material into wetlands or other types of surface waters; or (3) transport dredged material for ocean disposal. If other federal agencies are also involved because of the location or type of renewable energy project (e.g., FERC, NOAA, BOEMRE), the federal agencies will need to coordinate their roles and responsibilities. | F-01 | USACE | Department of the Army (DA) Permit (includes Clean Water Act Section 404 approval, Rivers and Harbors Act Section 10 approval, and Marine Protection, Research and Sanctuaries Act Section 103 approval) |
| | This permit is triggered by the construction or modification of a bridge (including causeway) across "navigable waters of the United States." Jurisdiction is typically coordinated with the USACE. | F-02 | USCG | Bridge Permit, Rivers and Harbors Act Section 9 Approval |
| | This permit and notice are triggered by any activity in "navigable waters of the U.S." that may impact marine transportation, harbor activities and the environment. This permit and notice process would typically start a few months before marine construction starts. | F-03 | USCG | Marine and Harbor Activities Notice |
| | To assess the environmental effect of projects performed by federal agencies, or projects requiring a federal permit, receiving federal funds, or located on federal land. If there is federal involvement in the project through funding or other mechanism, NEPA compliance is required. | F-04 | Prepared by the federal agency responsible for issuing the permit | National Environmental Policy Act (NEPA) compliance, or EIS Law |
| | To perform subsurface injection of waste fluids below, into and above underground sources of drinking water. "Injection" includes seeping, flowing, leaching, and pumping, with or without added pressure. This permit may be required where groundwater injection is proposed for waste discharge. | F-05 | EPA | Groundwater & Drinking Water Permit |
| | The intent of this process is to assure that high quality air is maintained in our National Parks. To meet the federal and state regulation National Park Service Federal Land Manager (FLM) consultation requirements regarding possible sources of air pollution that may affect Class I areas (generally within 300 km of a Class I area) or are within close proximity to Class II areas. | F-06 | NPS | National Park Service, Air Resources Division |

A Guide to Renewable Energy Facility Permits in the State of Hawaii

May 19, 2011
2-17

Permitting Wizard

- Expected public release Spring/Summer 2012
- Online companion to “*Guide to Renewable Energy Facility Permits in Hawaii*”
- <http://wizard.hawaii-clean-energy-initiative.org/>

Renewable Energy Permitting Wizard

Welcome to the Renewable Energy Permitting Wizard! This tool will help users identify and better understand the county, state, and federal permits potentially required for an individual renewable energy project in Hawaii. The Wizard works for projects ranging from residential installations to large utility-scale facilities. As every project and permit is unique, the results of this tool represent only an initial appraisal of the necessary permitting requirements. Additional permitting requirements may apply. Actual permitting requirements may differ from those identified by the Wizard. The Hawaii State Energy Office strongly recommends consultation with an expert familiar with local permitting requirements and processes.

The Wizard works by presenting a series of questions about the proposed project. Based on your responses, a list of permits potentially required for your project is displayed. You may save the output as a BMP or PNG file. Additional information for each permit is provided in the individual Permit Packets.

The Wizard requires information specific to your proposed project. We suggest you pull your notes together in advance and be prepared to answer as many as 80 questions in one session. If you register and login before starting your evaluation session, your answers will be saved automatically as you advance. If you do not login, your answers will be retained for 20 minutes of inactivity and will be lost when you close your browser.

Login

Log in to save a session in progress, update a session in progress, or save a completed session.

Email Address:

Password:

Starting Page:

My Evaluations

Remember Login Information

[Forgot Your Password?](#)

New user? [Register Now](#) to save your sessions and evaluation history.

Not interested in creating an account right now? [Start the Renewable Energy Permitting Wizard](#). You can register/login when the evaluation is complete.

Input and comments to improve the Wizard are always welcomed. Please provide your suggestions to [Cameron Black](#) at **(808) 587-9009.**

The Hawaii Clean Energy Initiative is a partnership between the U.S. Department of Energy and the State of Hawaii that aims to have a 30% energy use reduction and 40% of all of Hawaii's energy needs supplied by renewable energy resources by the year 2030.

The Renewable Energy Permitting Wizard is designed to help users understand the permitting processes in Hawaii. It is for guidance only and should not be relied on exclusively. Additional permitting requirements may apply. Actual permitting requirements may differ from those identified by the Wizard. The Hawaii State Energy Office strongly recommends users consult with an expert familiar with the relevant permits and approvals in Hawaii. The Energy Office recommends directly contacting the permitting agencies relevant to a specific project or permit. The State of Hawaii is not responsible for any delays or losses should the processing of a permit or approval differ from the results of the Wizard.

Renewable Energy Permitting Wizard

Pre-Evaluation

Evaluation

Evaluation Results

1. Technology

What is your renewable technology? 

| | |
|--|--|
| <input checked="" type="radio"/> Biofuel/Bioenergy | <input type="radio"/> Solar |
| <input type="radio"/> Geothermal | <input type="radio"/> Waste to Energy/Biomass Conversion |
| <input type="radio"/> Hydroelectric | <input type="radio"/> Wave and Hydrokinetic |
| <input type="radio"/> Ocean Thermal Energy Conversions | <input type="radio"/> Wind |

2. Capacity

Does your project have the capacity to make over 5 megawatts or 1 million gallons of water per year?

| | |
|------------------------------------|--------------------------|
| <input type="radio"/> Yes | <input type="radio"/> No |
| <input type="radio"/> I don't know | |

3. Location

What island will the facility be on, or offshore of?

| | |
|---------------------------------------|------------------------------|
| <input checked="" type="radio"/> Oahu | <input type="radio"/> Lanai |
| <input type="radio"/> Molokai | <input type="radio"/> Hawaii |
| <input type="radio"/> Maui | <input type="radio"/> Kauai |

2. Capacity

Does your project have the capacity to make over 5 megawatts or 1 million gallons of water per year?

Yes

No

I don't know

Are you responding to a HECO request for proposals (RFP)?

Yes

No

I don't know

Have you initiated an agreement (e.g., power or fuel purchase agreement) with HECO or KIUC?

Yes

No

I don't know

3. Location

What island will the facility be on, or offshore of?

Oahu

Lanai

Molokai

Hawaii

Maui

Kauai

4. Federal Nexus

Will your project require federal funds or federal authorization?

Yes

No

I don't know

Proceed »

Renewable Energy Permitting Wizard

Pre-Evaluation

Evaluation Results

Biofuel/Bioenergy Federal

| | | | |
|---|--|--------------------------------------|-------------------------------------|
| 1 | Does the project trigger the National Environmental Policy Act (NEPA)? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| | | <input type="radio"/> I don't know | |
| 2 | Will you perform any activity that could impact Waters of the U. S. (navigable waters, including tidal wetlands)? | <input type="radio"/> Yes | <input checked="" type="radio"/> No |
| | | <input type="radio"/> I don't know | |
| 3 | Will you conduct any activity that may affect any listed or endangered species, requiring coordination with USFWS or NOAA? | <input type="radio"/> Yes | <input checked="" type="radio"/> No |
| 4 | Will you conduct any activity that may affect marine mammals? | <input type="radio"/> Yes | <input checked="" type="radio"/> No |
| 5 | Are you located near an airport? | <input type="radio"/> Yes | <input checked="" type="radio"/> No |
| | | <input type="radio"/> I don't know | |
| 6 | Will you conduct any activity that may affect cultural assets, archeological, or historic resources as noted in National Historic Preservation Act? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| 7 | Will you construct structures and perform activities that would impact properties funded by the Land and Water Conservation Fund? | <input type="radio"/> Yes | <input checked="" type="radio"/> No |
| 8 | Will you meet the federal and state regulation National Park Service Federal Land Manager (FLM) consultation requirements regarding possible sources of air pollution that may affect Class I areas? | <input type="radio"/> Yes | <input checked="" type="radio"/> No |
| | | <input type="radio"/> I don't know | |

Required Biofuel/Bioenergy Permit Sets

Coastal Zone Management
Federal Consistency Review

National Environmental Policy
Act

Historic and Archaeological
Resource Protection, Section 106
Process

Renewable Energy Permitting Wizard

Pre-Evaluation

Evaluation Results

Biofuel/Bioenergy Facility

| | | | |
|---|---|--------------------------------------|-------------------------------------|
| 1 | Are you importing an organism or plant species that may have detrimental or adverse effects to the environment or may not otherwise be permitted for entry into Hawaii?  | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| | | <input type="radio"/> I don't know | |
| 2 | Is any part of your biofuel production or processing facility located in a State Agricultural District?  | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| | | <input type="radio"/> I don't know | |
| 3 | Will you build a treatment works which complies with the basic wastewater treatment criteria set in Hawaii Administrative Rules? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| | | <input type="radio"/> I don't know | |
| 4 | Is your feedstock material produced, processed, and stored specifically for use as feedstock for your facility?  | <input type="radio"/> Yes | <input checked="" type="radio"/> No |
| | | <input type="radio"/> I don't know | |
| 5 | Could your facility be considered an oil refinery?  | <input type="radio"/> Yes | <input checked="" type="radio"/> No |
| | | <input type="radio"/> I don't know | |

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Your answers are being saved as you advance. You may exit at any time and return to this evaluation.

Required Biofuel/Bioenergy Permit Sets

Coastal Zone Management
Federal Consistency Review

National Environmental Policy
Act

Historic and Archaeological
Resource Protection, Section 106
Process

Restricted Organism Import
Permit, Application for
Phytosanitary Certificate (PQ-
7)

Special Use Permit - over 15
acres

Biosolids Treatment Works
Permit - Notice of Intent (NOI)

Environmental Impact
Statement/Environmental
Assessment

Pre-Evaluation

Evaluation Results

Biofuel/Bioenergy Facility

| | | |
|---|---|---|
| 1 | Are you importing an organism or plant species that may have detrimental or adverse effects to the environment or may not otherwise be permitted for entry into Hawaii? | <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> I don't know |
| 2 | Is any part of your biofuel production or processing facility located in a State Agricultural District? | <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> I don't know |
| 3 | Will you build a treatment works with wastewater treatment criteria set in... | |
| 4 | Is your feedstock material produced specifically for use as feedstock for... | |
| 5 | Could your facility be considered a... | |

See HRS 205-2(d)(5); HRS 205-4.5(a)(15). Biofuel production or processing facilities proposed in State Agricultural Districts are generally allowed without a Special Use Permit from the relevant county planning department, if the facility and its appurtenances do not adversely impact agricultural land and other agricultural uses in the vicinity of the facility. See HRS 205-4.5(a)(15). Consult the relevant authorities (i.e., county planning department, State Land Use Commission, State Office of Planning) to determine whether the project adversely impacts agricultural land or other uses in the vicinity and whether facility appurtenances (i.e., infrastructure, communication facilities, accessory buildings) require permitting. If the proposed facility is a biomass-to-energy facility that does not produce liquid or gaseous fuels, consult the relevant county planning department for applicable permitting requirements. The proposed facility may not be a permitted use.

Required Biofuel/Bioenergy Permit Sets

Coastal Zone Management
Federal Consistency Review

National Environmental Policy
Act

Historic and Archaeological
Resource Protection, Section 106
Process

Restricted Organism Import
Permit, Application for
Phytosanitary Certificate (PQ-
7)

Special Use Permit - over 15
acres

Biosolids Treatment Works
Permit - Notice of Intent (NOI)

Environmental Impact
Statement/Environmental
Assessment

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Your answers are being saved as you advance. You may exit at any time and return to this evaluation.

Biofuel/Bioenergy Utility

| | | |
|---|---|---|
| 1 | Will you provide, sell, or transmit power directly to the public as a public utility?  | <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> I don't know |
| 2 | Will you allow the utility to purchase power from an independent power producer? | <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> I don't know |
| 3 | Will your project interconnect to the existing grid, and require new transmission lines? | <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> I don't know |

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[Next »](#)

Your answers are being saved as you advance. You may exit at any time and return to this evaluation.

Required **Biofuel/Bioenergy** Permit Sets

Coastal Zone Management
Federal Consistency Review

National Environmental Policy
Act

Historic and Archaeological
Resource Protection, Section 106
Process

Restricted Organism Import
Permit, Application for
Phytosanitary Certificate (PQ-
7)

Special Use Permit - over 15
acres

Biosolids Treatment Works Permit
- Notice of Intent (NOI)

Environmental Impact
Statement/Environmental
Assessment

Certificate of Public Convenience/
Necessity

Power Purchase Agreement
Approval

Transmission Line Approval

Biofuel/Bioenergy State Environmental

| | | |
|---|---|--|
| 1 | Does the project trigger the Hawaii Environmental Policy Act (HEPA), also known as Chapter 343?  | <input checked="" type="radio"/> Yes <input type="radio"/> I don't know  <input type="radio"/> No |
| 2 | Are there any listed or endangered species in your area? Is the project area in a critical habitat? | <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> I don't know |
| 3 | Are there cultural assets, archeological, or historic resources in this area as defined in Section 6E-8 of Hawaii Revised Statutes? | <input checked="" type="radio"/> Yes  <input type="radio"/> I don't know <input type="radio"/> No |
| 4 | Will your facility store, use, or manufacture any hazardous materials?  | <input checked="" type="radio"/> Yes <input type="radio"/> I don't know <input type="radio"/> No |
| 5 | What is your S  | <input checked="" type="radio"/> Agriculture <input type="radio"/> Rural |
| 6 | Will you conduct any activity causing excess noise in the community?  | <input checked="" type="radio"/> Yes <input type="radio"/> I don't know <input type="radio"/> No |
| 7 | Will you conduct research / activities within the Natural Area | <input type="radio"/> Yes <input checked="" type="radio"/> No |

To own or operate a facility in the state that stores, uses or manufactures any hazardous substance that is equal to or exceeds reporting thresholds as established by Hawaii Chemical Inventory Form (HCIF) according to Hawaii Administrative Rules (HAR) 128.

| Required Biofuel/Bioenergy Permit Sets |
|---|
| Coastal Zone Management Federal Consistency Review |
| National Environmental Policy Act |
| Historic and Archaeological Resource Protection, Section 106 Process |
| Restricted Organism Import Permit, Application for Phytosanitary Certificate (PQ-7) |
| Special Use Permit - over 15 acres |
| Biosolids Treatment Works Permit - Notice of Intent (NOI) |
| Environmental Impact Statement/Environmental Assessment |
| Certificate of Public Convenience/ |

| | | | |
|----|---|--------------------------------------|-------------------------------------|
| 9 | Will you use pesticides at any time? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| | | <input type="radio"/> I don't know | |
| 10 | Will your project produce construction runoff that will violate applicable water quality standards? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| | | <input type="radio"/> I don't know | |
| 11 | Would your project allow for improvement and/or diversion of existing streams? | <input type="radio"/> Yes | <input checked="" type="radio"/> No |
| | | <input type="radio"/> I don't know | |
| 12 | Will you discharge into state or local water supplies? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| | | <input type="radio"/> I don't know | |
| 13 | Will you establish new uses of ground water (as well as modifications of existing ground water use permits) in a designated ground water management area? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| | | <input type="radio"/> I don't know | |

- Historic Preservation Review, HRS Chapter 6E
- Historic Sites Review
- Hazardous Waste Treatment, Storage, and Disposal Permit (TSD)
- Noise Permit
- Noise Variance
- Pesticide Applicator Certification
- Pesticides Experimental Use Permit
- Section 401 Water Quality Certification (WQC) Permit
- National Pollutant Discharge Elimination System Permit (Construction)
- National Pollutant Discharge Elimination System Permit (Operation)
- Groundwater Control Area Permit

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Your answers are being saved as you advance. You may exit at any time and return to this evaluation.

Biofuel/Bioenergy Oahu

| | | | |
|---|--|---|---|
| 1 | Will your project change the boundary of a state land use district involving an area of 15 acres or less in an agricultural or urban district? | <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> I don't know | <p>Required Biofuel/Bioenergy Permit Sets</p> <p>Coastal Zone Management Federal Consistency Review</p> <p>Historic and Prehistoric Resource Protection, Section 106 Process</p> <p>Restricted Organism Import Permit, Application for Phytosanitary Certificate (PQ-7)</p> <p>Special Use Permit - over 15 acres</p> <p>Biosolids Treatment Works Permit - Notice of Intent (NOI)</p> |
| 2 | Is your biofuel processing facility located in any of the following City and County of Honolulu Zoning Districts? | <input checked="" type="radio"/> P-2, AG-1, or AG-2 <input type="radio"/> I-2 or I-3 <input type="radio"/> None of the above | |
| 3 | Does the proposed project conform to the land uses permitted under the county zoning designation? | <input checked="" type="radio"/> Yes <input type="radio"/> No | |
| 4 | Will you require certain unusual and reasonable land uses within agricultural and rural districts (less than 15 acres)? | <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> I don't know | |
| 5 | Will your project require a master plan and have a major adverse impact on surrounding land uses? | <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> I don't know | |
| 6 | Will you develop in any of the special districts which have been | <input type="radio"/> Yes <input checked="" type="radio"/> No | |

Use permitted only with a Conditional Use Permit – Major.

Customize Your Session

This evaluation session has been automatically saved and can be accessed via the [My Evaluations](#) page. If you would like to customize the session, please enter a title and description and click 'Save'.

Session Name:

Status:

 In Progress 
 Complete 

Description:

In Progress evaluation can be modified and deleted in the future. Choose this option if you wish to return to this evaluation in the future and modify your responses.

Your Responses

[Revisit All](#) | [Start Over](#)

| Question | Response | Permit Sets |
|--|-------------------|-------------|
| What is your renewable technology? | Biofuel/Bioenergy | |
| Does your project have the capacity to make over 5 megawatts or 1 million gallons of water per year? | Yes | |
| Are you responding to a HECO request for proposals (RFP)? | Yes | |
| Have you initiated an agreement (e.g., power or fuel purchase agreement) with HECO or HECO? | Yes | |

| | | | |
|---|-------------|---|---------|
| Are there any listed or endangered species in your area? Is the project area in a critical habitat? | No | | Revisit |
| Are there cultural assets, archeological, or historic resources in this area as defined in Section 6E-8 of Hawaii Revised Statutes? | Yes | Historic Preservation Review, HRS Chapter 6E Historic Sites Review | Revisit |
| Will your facility store, use, or manufacture any hazardous materials? | Yes | Hazardous Waste Treatment, Storage, and Disposal Permit (TSD) | Revisit |
| What is your State Land Use designation? | Agriculture | | Revisit |
| Will you conduct any activity causing excess noise in the community? | Yes | Noise Permit Noise Variance | Revisit |
| Will you conduct research / activities within the Natural Area Reserve System (NARS)? | No | | Revisit |
| Will you enter a prohibited area in a wildlife sanctuary, and/or collect data? | No | | Revisit |
| Will you use pesticides at any time? | Yes | Pesticide Applicator Certification Pesticides Experimental Use Permit | Revisit |
| Will your project produce construction runoff that will violate applicable water quality standards? | Yes | Section 401 Water Quality Certification (WQC) Permit | Revisit |
| Would your project allow for improvement and/or diversion of existing streams? | No | | Revisit |
| Will you discharge into state or local water supplies? | Yes | National Pollutant Discharge Elimination System Permit (Construction) National Pollutant Discharge Elimination System Permit (Operation) | Revisit |
| Will you establish new uses of ground water (as well as modifications of existing ground water use permits) in a designated ground water management area? | Yes | Groundwater Control Area Permit | Revisit |
| Will your project change the boundary of a state land use district involving an area | No | | Revisit |

Your Permits

Based on your input, the following permits will be needed for your Biofuel/Bioenergy Renewable Energy Project located in Oahu. Please mouse over a department name for contact information. Click on the appendix number to download the permit packet.

FEDERAL PERMITS

| Permit Name (Abbreviated Name) | Start - End (Months) | Duration (Months) | Department | Appendix Link |
|---|-------------------------|----------------------|--|-------------------------------|
| Historic and Archaeological Resource Protection, Section 106 Process (Fed-Section106) | 0 - 18 | 18 | Department of Land and Natural Resources (DLNR)  | |
| National Environmental Policy Act (Fed-EIS/EA) | 0 - 18 | 18 | Council on Environmental Quality (CEQ)  | Appendix F-04 |

STATE PERMITS

| Permit Name (Abbreviated Name) | Start - End (Months) | Duration (Months) | Department | Appendix Link |
|--|-------------------------|----------------------|---|-------------------------------|
| Certificate of Public Convenience/ Necessity (S-CPC) | 0 - 4 | 4 | Public Utilities Commission (PUC), (Oahu)  | Appendix S-49 |
| Environmental Impact Statement/Environmental Assessment (S-EIS/EA) | 0 - 18 | 18 | Hawai'i Department of Health (HDOH), Environmental Management Division (EMD)  | Appendix S-05 |
| Historic Preservation Review, HRS Chapter 6E (S-HistPreservation) | 0 - 6 | 6 | Department of Land and Natural Resources (DLNR)  | Appendix S-43 |
| Historic Sites Review (S-HistSites) | 0 - 6 | 6 | Department of Land and Natural Resources (DLNR)  | Appendix S-44 |
| Pesticides Applicator Certification (S-Pest App) | 0 - 1 | 1 | Hawaii Department of Agriculture, Division of Plant Industry, Pesticides Branch  | Appendix S-17 |
| Power Purchase Agreement Approval (S-PPA) | 0 - 6 | 6 | Public Utilities Commission (PUC), (Oahu)  | Appendix S-50 |

COUNTY PERMITS

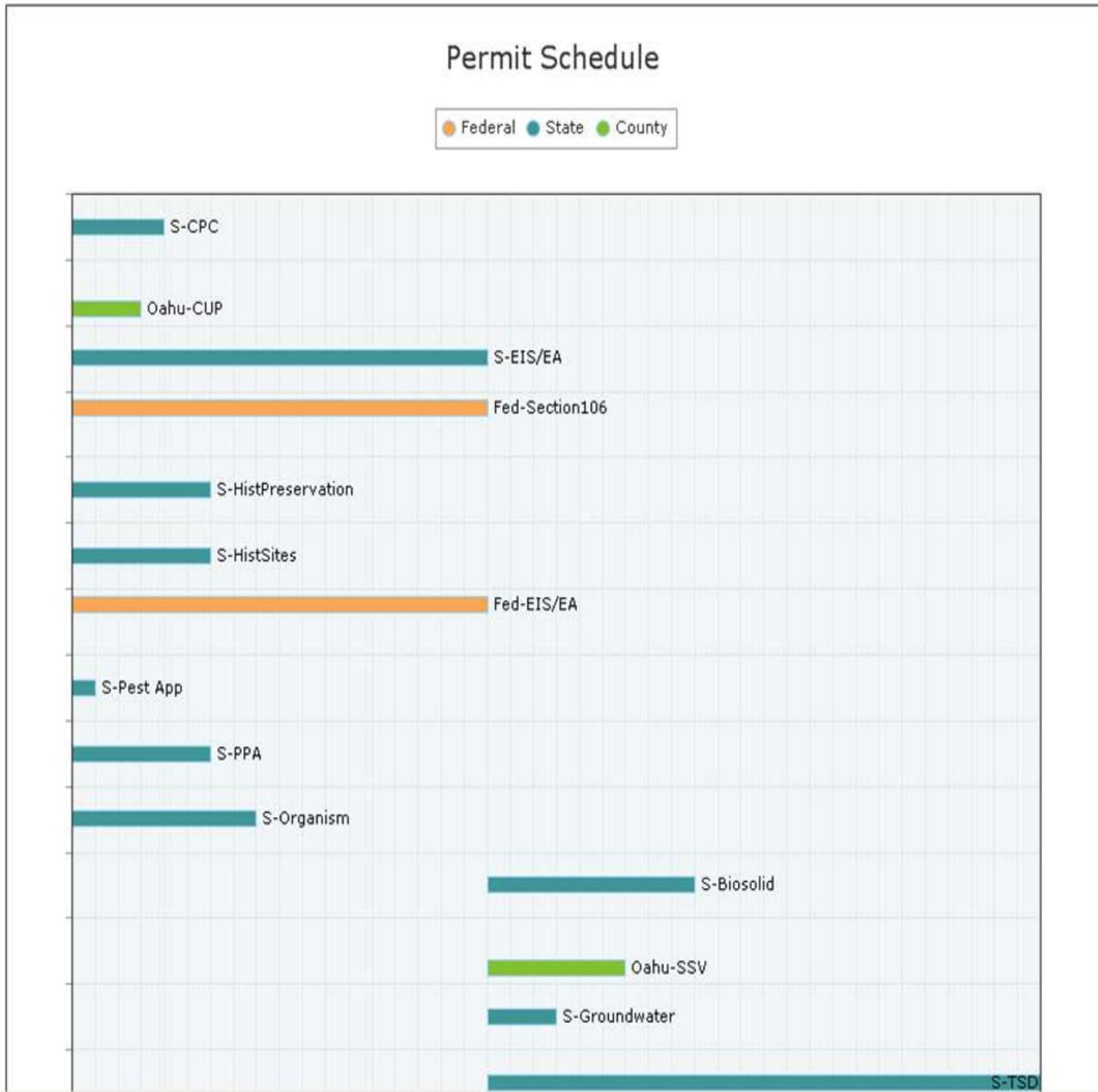
| Permit Name (Abbreviated Name) | Start - End (Months) | Duration (Months) | Department | Appendix Link |
|--|-------------------------|----------------------|--|-----------------------------|
| Conditional Use Permit (Major and Minor) (Oahu) (Oahu-CUP) | 0 - 3 | 3 | Planning and Permitting – Land Use Permits Division (Honolulu)  | Honolulu-13 |
| Certified Shoreline Setback Variance (Oahu) (Oahu-SSV) | 18 - 24 | 6 | Planning and Permitting – Land Use Permits Division (Honolulu)  | Honolulu-1 |
| Special Management Area Use Permit - Major and Minor (Oahu) (Oahu-SMA) | 18 - 24 | 6 | Planning and Permitting – Land Use Permits Division (Honolulu)  | Honolulu-2 |
| Building Permit (Oahu) (Oahu-Building) | 24 - 27 | 3 | Planning and Permitting – Building Division (Honolulu County)  | Honolulu-6 |
| Sewer Connection Permit (Oahu) (Oahu-Sewer) | 24 - 25 | 1 | Planning and Permitting – Site Development Division (Honolulu)  | Honolulu-10 |
| Grading Permit (Oahu) (Oahu-Grading) | 27 - 28 | 1 | Planning and Permitting – Site Development Division (Honolulu)  | Honolulu-7 |
| Grubbing Permit (Oahu) (Oahu-Grubbing) | 27 - 28 | 1 | Planning and Permitting – Site Development Division (Honolulu)  | Honolulu-8 |
| Stockpiling Permit (Oahu) (Oahu-Stockpiling) | 27 - 28 | 1 | Planning and Permitting – Site Development Division (Honolulu)  | Honolulu-9 |
| Trenching Permit (Oahu) (Oahu-Trench) | 27 - 28 | 1 | Planning and Permitting – Site Development Division (Honolulu)  | Honolulu-11 |

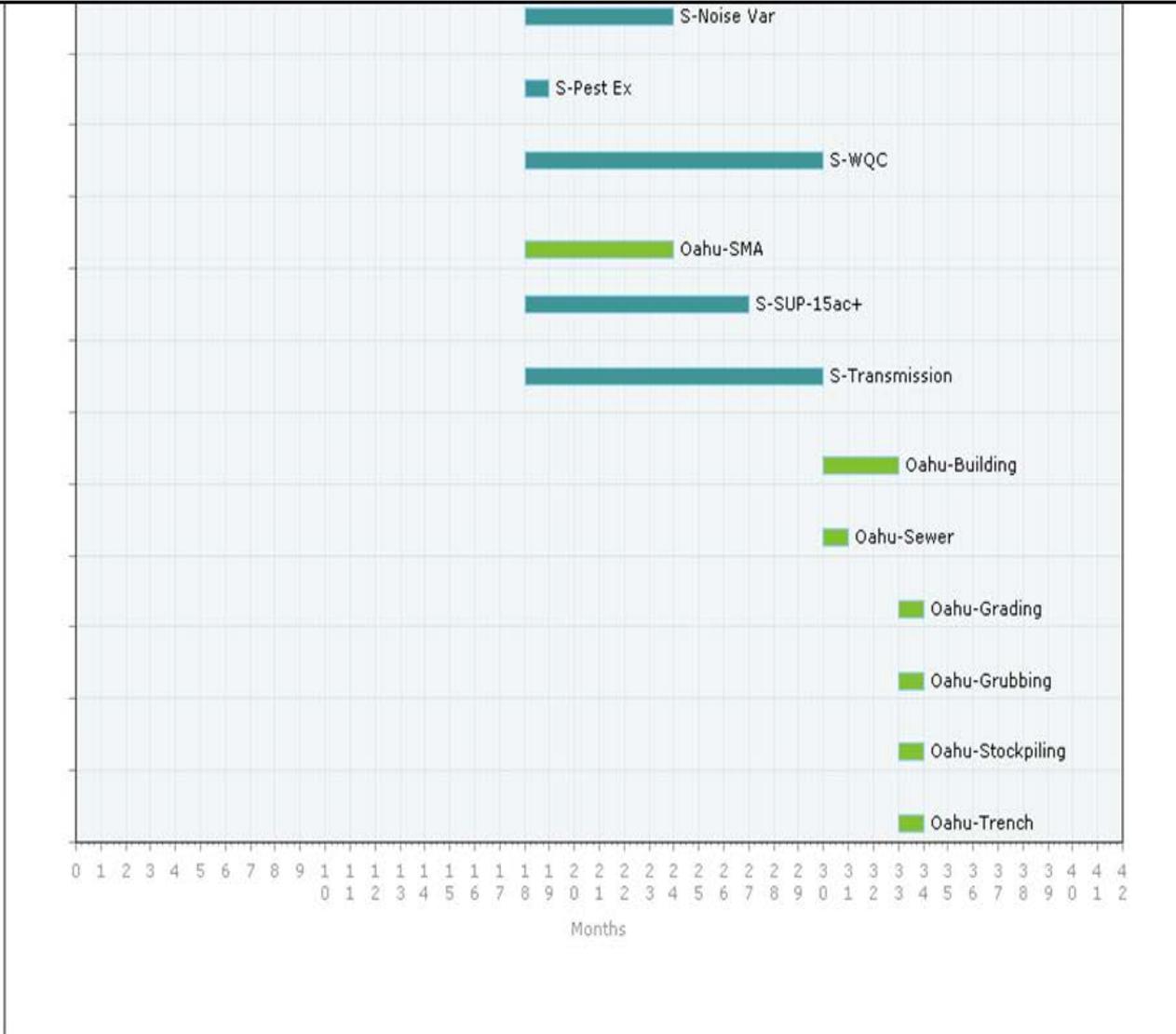
Permit Schedule

Estimated permit sequence and timeline for your Biofuel/Bioenergy Renewable Energy Project located in Oahu

Permit Schedule

Estimated permit sequence and timeline for your Biofuel/Bioenergy Renewable Energy Project located in Oahu.





NOTE: Projects may not require all permits identified in the above results or may require additional permits not identified in the results above. The Guide and Wizard are not meant to be a substitute for hiring a professional permitting consultant. DBEDT strongly recommends you procure your own consultant familiar with these permits and approvals to assist you through the permitting process.

DBEDT recommends contacting the relevant permitting agencies as a first step to beginning all permitting planning and processes. For additional information please contact (808) 587-9009.

DOH e-Permitting Portal

- Expected public release – Spring 2012



Environmental Health

To find information specific to an organization within the State of Hawaii Environmental Health Administration, please identify the organization using the Select Organization button below.

Select Organization...

Permit Applications

To locate a specific permit application please use our application finder.

Application Finder

Frequently Asked Questions

How do I apply for permit application?

How do I select the appropriate application?

How do I know when my application has been processed?



Application Finder

Welcome to the e-Permitting TEST Portal

THIS SYSTEM IS IN TEST. IT IS NOT LIVE. PLEASE DO NOT SUBMIT ANY REAL APPLICATIONS. FOR ANY QUESTIONS, PLEASE CALL 808-586-4350.

Welcome to the e-Permitting system, home for all State of Hawaii (HI) Department of Health (DOH) Environmental Health Administration (EHA) permit applications.

The HI DOH EHA e-Permitting portal provides access to environmental permit applications, forms, instructions, and education, and allows for on-line payment and application approvals. The EHA oversees overall administration for the environmental management division, and environmental health services division, including all the branches that sit within those divisions. It also provides overall administration for the offices of compliance assistance, environmental planning, environmental resources, hazard evaluation and emergency response, and the state laboratories.

All permits issued under these divisions and offices are under the overall administration of the EHA. The administration team's objective is to provide overall administration for all divisions, branches, and offices in order to maintain an effective regulating body that will be able to provide efficient public environmental health related services to Hawai'i.

To find a specific permit application, please use the [Application Finder](#). You can also use the Organization Browser (on the left) if you know the organization which is responsible for the required permit application.

Once a permit application is submitted, our primary goal is to process your permit application(s) in an efficient and timely manner.

We provide assistance with the permit application submission process. If help is needed, please contact us at (808) 890-1122.

Contact Information

Address:
Environmental Health Administration
State Department of Health
919 Ala Moana Blvd., Room 301
Honolulu, HI 96814-4920

Contacts:
Phone: 808-586-4576
Email: epwebadmin@doh.hawaii.gov

Additional Links

- Dept of Health Homepage
- Dept of Business, Economic Development and Tourism
- Hawaii Clean Energy Initiative (HCEI)
- Hawaii Clean Energy Initiative (HCEI) Project Permitting
- Renewable Energy Permitting Wizard

Permit Applications

test simple app 2

TEST: Short Version: A general application to construct a new well or to modify or renew an existing injection well. This application should be submitted six months prior to the anticipated date of injection well construction.

Test Application

Enter the short description for the application here...

Test: Simple App with Elec Signatory

TEST: Short Version: A general application to construct a new well or to modify or renew an existing injection well. This application should be submitted six months prior to the anticipated date of injection well construction.

Kevin's Upload Test

This application can be used to test upload functionality.

Test:Short Noise Permit

Community Noise Permit may be granted; (1) if the applicant requires additional time to alter or modify the applicant's activity or operation to comply with Chapter 11-46;

Can't find specific application? Please use our [Application Finder](#).

Help

Use this page to identify the permit applications which may be most appropriate for your needs.

If you know the permit application you are looking for, enter the name of the permit application in the Application Search area.

If you are not sure which permit application(s) you need, describe the activity you are looking to permit in the Application Search area and the system will recommend the permit applications needed.

Once permit application(s) are identified, click on the name of the permit application to view the details of that application and to initiate the application submission process.

Organization Browser

To find information specific to an organization within the State of Hawaii Environmental Health Administration, please identify the organization using the Select Organization button below.

Select Organization...

12 applications found in search involving "water"

Application Search

Looking for a permit application? Please enter the name of the permit application below.

Don't know the name of the permit application? Not a problem, please tell us about the type of activity you need to permit and we will recommend the application which may need to be submitted.

water ← "Water"

Recommended Applications

Based on your description, the following 12 applications may match your needs.

CWB NOI for the Discharge of Stormwater Associated with Construction Activities

This Notice of Intent is for coverage under Appendix C for the discharge of stormwater associated with construction activities which disturbs an area of 1 acre or more.

NPDES General Form G

An application for authorizing the discharges associated with construction activity de-watering.

Cloned CWB NOI Form C

This Notice of Intent is for coverage under Appendix C for the discharge of stormwater associated with construction activities which disturbs an area of 1 acre or more.

Transfer of Ownership

An application to transfer ownership

Section 401 WQC Process Test

An application for a Section 401 WQC.

General Application for a UIC Permit to Operate

A general application to construct a new well or to modify or renew an existing injection well. This application should be submitted six months prior to the anticipated date of injection well construction.

Test: Simplified UIC Application

TEST: Short Version: A general application to construct a new well or to modify or renew an existing injection well. This application should be submitted six months prior to the anticipated date of injection well construction.

NPDES Test Application

blah blah blah

IWS Application Form For Single Family Residential Dwellings Only

An application for a IWS single family residential dwelling permit.

test simple app 2

TEST: Short Version: A general application to construct a new well or to modify or renew an existing injection well. This application should be submitted six months prior to the anticipated date of injection well construction.

Kevin's Upload Test

This application can be used to test upload functionality.

Test: Simple App with Elec Signatory

TEST: Short Version: A general application to construct a new well or to modify or renew an existing injection well. This application should be submitted six months prior to the anticipated date of injection well construction.

Data Entry

This step allows you to fill out the application form and to validate the information provided. The application form is divided into separate application sections as listed on the left. Please fill out each relevant section.

The indicators next to the sections names on the left will denote validity of each section. A red x indicates the section has an omission or invalid value. A yellow star indicates that the section has not yet been visited. A green check indicates a complete section.

Once the application is complete and all sections show a green check, click on the "Next Step" button to proceed.

Please note that this application is not be visible/available to the HI DOH until you have completed the Certify and Submit step for the application.

Application Sections

- ✔ Applicant
- ✔ Permit Type
- ✔ Location
- ✔ Activity
- ✔ Equipment
- ✔ Duration

Data Entry Completeness Checklist

Steps: **Entry** > Processing Info > Review > Certify & Submit > Payment > Confirmation

Community Noise Permit

(Submission Id: 15N-5D79-CGTR, v1)

This Section shall include the company or individual's name, mailing address and telephone number. In addition, the authorized individual and title shall be included. The authorized individual shall be responsible for the Community Noise Permit and shall be the respondent to all permit matters. The authorized individual shall sign the certification section of the permit application.

Application Information

Name:

Authorized Individual *

Title:

Company Name

Phone Number (e.g., 555-555-5555) *

Mailing address

Street Address:

City: Postal Code:

State/Province/Region: Country:

Application Step Indicator



Steps: **Entry** > Processing Info > Review > Certify & Submit > Payment > Confirmation



Processing Information

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam mollis nisi in purus scelerisque vel adipiscing ipsum lacinia. Nulla facilisi. Ut vitae urna est. Aliquam ut purus velit. Phasellus augue est, porta sed euismod a, pellentesque nec neque. Etiam sed metus orci.

Steps: [Entry](#) > [Processing Info](#) > [Review](#) > [Certify & Submit](#) > [Payment](#) > [Confirmation](#)

Community Noise Permit

(Submission Id: 15N-5D79-CGTR, v1)

Please specify the reasons for the submission (e.g., new permit, existing permit renewal or permit modification) and specify any applicable project types. If a project type is specified, you will be required to also justify why the project may be eligible for the specified project type.

Select the reason for this submission: *

New

Select the appropriate fee categorization for your application: *

Base Fee

Select applicable project types:

ARRA Project
Green House Gas Emissions Reduction
Renewable Energy
Waste Reduction, Reuse, Recycle

Use the "Ctrl" key to select multiple options

If selected, please provide referential information for your selection:

This project is a part of |..

Steps: [Entry](#) > [Processing Info](#) > [Review](#) > [Certify & Submit](#) > [Payment](#) > [Confirmation](#)

Project Type – Renewable Energy



Your order summary

| Descriptions | Amount |
|--|----------------|
| Community Noise Permit (Submission ... Item number: b81e98c0-e909-44d6... Item price: \$25.00 Quantity: 1 | \$25.00 |
| Item total | \$25.00 |
| Total \$25.00 USD | |

Permit Application Name & Number

Permit Application Fee Amount

Choose a way to pay

PayPal securely processes payments for Kevin Lyons's Test Store.

▶ [Have a PayPal account?](#)
Log in to your account to pay



▶ [Create a PayPal account](#)
And pay with your debit or credit card

[Learn more about PayPal](#) - the faster, safer way to pay.

Country

Credit card number

Payment Types    

Expiration date mm / yy
 /

CSC
[What is this?](#)

First name

Last name

Address line 1

Address line 2 (optional)

City/State

ZIP code

Telephone 555-555-1234

Email

Choose a PayPal password 8 characters minimum

Re-enter password

By clicking the button below, I agree to the PayPal [User Agreement](#) and [Privacy Policy](#).

Payments processed by 

Processing Dashboard

Environmental Health Administration : Select Organization
[view summary for organization](#)

Find Submission:

Active Submissions

Total records: 31 Showing 31 (filtered from total records)

| # | Date Submitted | Age | Target | Description | Status | Assigned To | Current Step(s) | Actions |
|---------------|----------------------|-----|--------|---|------------------|-------------|--|-------------------|
| 152-6X0V-F8RW | 8/18/2011 1:27:47 PM | 25 | | Test Application 8/17/2011 10:30:02 AM | Submitted (None) | | UNASSIGNED | p |
| 152-93M8-79HV | 8/18/2011 3:31:06 PM | 25 | | Test Application 8/17/2011 10:30:02 AM | Submitted (None) | | UNASSIGNED | p |
| 155-3GFK-KS0A | 8/22/2011 5:48:12 AM | 21 | | test simple app 2 | Submitted (Due) | Elaine Lake | Additional Information Requested - Elaine Lake | p |
| 155-DD2K-W4KB | 8/22/2011 3:40:23 PM | 21 | | Solid Waste Management Permit Application Clarification Worksheet | Submitted (None) | | NONE | p |
| 155-4WYQ-NFP1 | 8/22/2011 7:08:23 AM | 21 | | Test: Simplified UIC Application | Submitted (Due) | Jaime | Administrative Review Performed - Jaime | p |
| 155- | 8/22/2011 | 21 | | test simple app 2 | Submitted | Your Name | Additional Information | p |

Age - Days since Date Submitted

Status - Submitted/Deemed Complete/In-Review/Applicant Action Required/Issued or Denied/On-Hold (Financial Status)

Current Step - Breakdown of application's workflow steps

Mahalo

Cameron Black

Hawaii State Energy Office

Department of Business, Economic Development & Tourism

cameron.b.black@dbedt.hawaii.gov

(808) 587-9009