F.5 Hawai'i Revised Statutes, Chapter 343 Compliance, Environmental Impact Statement, Record of Decision



LORI M.K. KAHIKINA, P.E. DIRECTOR

TIMOTHY A. HOUGHTON DEPUTY DIRECTOR

ROSS S. TANIMOTO, P.E. DEPUTY DIRECTOR

IN REPLY REFER TO

PRO 17-048

DEPARTMENT OF ENVIRONMENTAL SERVICES CITY AND COUNTY OF HONOLULU

1000 ULUOHIA STREET, SUITE 308, KAPOLEI, HAWAII 96707 TELEPHONE: (808) 768-3486 ● FAX: (808) 768-3487 ● WEBSITE: http://envhonolulu.org

KIRK CALDWELL MAYOR



March 28, 2017

Scott Glenn, Director Office of Environmental Quality Control Department of Health 235 South Beretania, Suite 702 Honolulu, HI 96813

Dear Mr. Glenn:

The City and County of Honolulu, Department of Environmental Services has determined that an environmental impact statement (EIS) is required for the Honouliuli Wastewater Treatment Plant Facilities Plan, Honouliuli Wastewater Treatment Plant Secondary Treatment and Support Facilities; situated at the following TMK's 91013007 and 91069003 in Ewa Beach on the island of Oahu.

This letter transmits the documents required for publication in the next available edition of the Environmental Notice. The Final EIS has included copies of all written comments received during the 45-day public consultation period for the Draft EIS (published on April 27, 2016)

Also enclosed is the completed OEQC Publication Form, One Copy of the Final EIS, an Adobe Acrobat PDF file of the same, and an electronic copy of the publication form in MS Word (with a copy of the same sent via electronic mail to oeqc@doh.hawaii.gov).

If there are any questions, please contact Jack Pobuk, Section Head, CIP Program and Planning, at 768-3464, or email at jpobuk@.honolulu.gov.

Sincerely,

Lori M. K. Kahikina, P.E.

Director

Enclosures:

(1) Completed OEQC Publication Form

(2) Summary description of action in electronic format

AGENCY PUBLICATION FORM

Project Name:	Honouliuli/Waipahu/Pearl City Wastewater Facilities Plan, Honouliuli Wastewater Treatment Plant Secondary Treatment and Support Facilities	
Project Short Name:	Honouliuli WWTP Fac Plan	
HRS §343-5 Trigger(s):	§343-5 (1), §343-5 (3), §343-5 (9A); §343-5 (9B)	
Island(s):	Oahu	
Judicial District(s):	Ewa	
TMK(s):	91013007 and 91069003	
Island(s): Judicial District(s):	Oahu Ewa	
	Sidewalk/Driveway Work Permit Special Management Area Use Permit (Major)	

	Street Usage Permit
Proposing/Determining Agency:	City and County of Honolulu, Department of Environmental Services
Contact Name, Email, Telephone, Address	Lori Kahikina, <u>Ikahikina@honolulu.gov</u> , 808.768.3486, 1000 Uluohia Street, Suite 308, Kapolei, HI 96707
Accepting Authority:	City and County of Honolulu, Department of Environmental Services
Contact Name, Email, Telephone, Address	Lori Kahikina, <u>Ikahikina@honolulu.gov</u> , 808.768.3486 1000 Uluohia Street, Suite 308 Kapolei, HI 96707
Consultant:	AECOM, 1001 Bishop St. Suite 1600, Honolulu, HI 96813
Contact Name, Email, Telephone, Address	Matthew Stimpson, Matthew.Stimpson@aecom.com, 808.529.7266 1001 Bishop Street Suite 1600, Honolulu, HI 96813
Status (select one) DEA-AFNSI	Submittal Requirements Submit 1) the proposing agency notice of determination/transmittal letter on agency letterhead, 2) this completed OEQC publication form as a Word file, 3) a hard copy of the DEA, and 4) a searchable PDF of the DEA; a 30-day comment period follows from the date of publication in the Notice.
FEA-FONSI	Submit 1) the proposing agency notice of determination/transmittal letter on agency letterhead, 2) this completed OEQC publication form as a Word file, 3) a hard copy of the FEA, and 4) a searchable PDF of the FEA; no comment period follows from publication in the Notice.
FEA-EISPN	Submit 1) the proposing agency notice of determination/transmittal letter on agency letterhead, 2) this completed OEQC publication form as a Word file, 3) a hard copy of the FEA, and 4) a searchable PDF of the FEA; a 30-day comment period follows from the date of publication in the Notice.
Act 172-12 EISPN ("Direct to EIS")	Submit 1) the proposing agency notice of determination letter on agency letterhead and 2) this completed OEQC publication form as a Word file; no EA is required and a 30-day comment period follows from the date of publication in the Notice.
DEIS	Submit 1) a transmittal letter to the OEQC and to the accepting authority, 2) this completed OEQC publication form as a Word file, 3) a hard copy of the DEIS, 4) a searchable PDF of the DEIS, and 5) a searchable PDF of the distribution list; a 45-day comment period follows from the date of publicatio in the Notice.
X FEIS	Submit 1) a transmittal letter to the OEQC and to the accepting authority, 2) this completed OEQC publication form as a Word file, 3) a hard copy of the FEIS, 4) a searchable PDF of the FEIS, and 5) a searchable PDF of the distribution list; no comment period follows from publication in the Notice.
FEIS Acceptance Determination	The accepting authority simultaneously transmits to both the OEQC and the proposing agency a letter of its determination of acceptance or nonacceptance (pursuant to Section 11-200-23, HAR) of the FEIS; no comment period ensues upon publication in the Notice.
FEIS Statutory Acceptance	Timely statutory acceptance of the FEIS under Section 343-5(c), HRS, is not applicable to agency actions.
Supplemental EIS Determination	The accepting authority simultaneously transmits its notice to both the proposing agency and the OEQC that it has reviewed (pursuant to Section 11-200-27, HAR) the previously accepted FEIS and determines that a supplemental EIS is or is not required; no EA is required and no comment period ensues upon publication in the Notice.

Project Summary

__ Other

_ Withdrawal

Contact the OEQC if your action is not one of the above items.

Identify the specific document(s) to withdraw and explain in the project summary section.

Office of Environmental Quality Control

Agency Publication Form February 2016 Revision

The evaluation described in this Final Environmental Impact Statement (FEIS) is focused on the upgrade of the Honouliuli WWTP required to comply with a First Amended Consent Decree. This DEIS for the Honouliuli WWTP is intended to inform the public and various stakeholders of potential impacts the project may have on the environment and has been prepared in accordance with the Hawaii Revised Statutes Chapter 343.

This project proposes to upgrade and expand the existing Honouliuli WWTP to provide secondary treatment and accommodate projected wastewater flows.

Regardless of which treatment alternative is selected, additional improvements at the Honouliuli WWTP are proposed for the following: Central Laboratory, Ocean Team Facilities, Administration Building, Operations Building, Leeward Region Maintenance, Central Shops, Warehouse, truck wash, central supervisory control and data acquisition operations, septage receiving station, odor control, grounds keeping, janitorial service and security, and Honouliuli Water Recycling Facility. This FEIS also addresses the potential siting of new facilities at the Honouliuli WWTP to help consolidate island-wide wastewater system administrative services.

Improvements to the Honouliuli major sewer conveyance system will be the subject of separate, subsequent environmental review documents.

Page 3 of 3

DEPARTMENT OF ENVIRONMENTAL SERVICES CITY AND COUNTY OF HONOLULU

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TIMOTHY A. HOUGHTON

ROSS S. TANIMOTO, P.E. DEPUTY DIRECTOR

IN REPLY REFER TO PRO 17-046

March 28, 2017

Scott Glenn, Director Office of Environmental Quality Control Department of Health 235 South Beretania, Suite 702 Honolulu, HI 96813

Dear Mr. Glenn:

SUBJECT: Acceptance of the Honouliuli Wastewater Treatment Plant and

Support Facilities Final Environmental Impact Statement

The Department of Environmental Services has accepted the Final Environmental Impact Statement (FEIS) for the subject project. The FEIS was prepared pursuant to Chapter 343, Hawaii Revised Statues and Chapter 11-200, Hawaii Administrative Rules. Please publish notice of this FEIS in the April 8, 2017, issue of the Environmental Notice.

Attached are the following items:

- 1. One (1) hardcopy of the FEIS;
- 2. One (1) hardcopy of the OEQC publication form;
- 3. One (1) FEIS distribution list; and
- One copy of items 1 through 3 sent via electronic mail to oeqc@doh.hawaii.gov

Please do not upload the FEIS to OEQC's website until April 8, 2017. If you have any questions, please call Jack Pobuk, Section Head, CIP Program and Planning, at 768-3464, or email at <u>ipobuk@.honolulu.gov</u>.

Sincerely,

Lori M. K. Kahikina, P.E

Director

AGENCY PUBLICATION FORM

Project Short Name: Hot HRS §343-5 Trigger(s): §3 Island(s): Oo	econdary Treatment and Support Facilities Honouliuli WWTP Fac Plan i343-5 (1), §343-5 (3), §343-5 (9A); §343-5 (9B)
HRS §343-5 Trigger(s): §3 Island(s): Oa	
Island(s): Oa	343-5 (1), §343-5 (3), §343-5 (9A); §343-5 (9B)
Judicial District(s): Ev	Dahu
	iwa
TMK(s): 91	21013007 and 91069003
Permit(s)/Approval(s): Fe	

	Street Usage Permit
Proposing/Determining Agency:	City and County of Honolulu, Department of Environmental Services
Contact Name, Email,	Lori Kahikina, Ikahikina@honolulu.gov, 808.768.3486,
Telephone, Address	1000 Uluohia Street, Suite 308, Kapolei, HI 96707
Accepting Authority:	City and County of Honolulu, Department of Environmental Services
Contact Name, Email,	Lori Kahikina, <u>Ikahikina@honolulu.gov</u> , 808.768.3486
Telephone, Address	1000 Uluohia Street, Suite 308
	Kapolei, HI 96707
Consultant:	AECOM, 1001 Bishop St. Suite 1600, Honolulu, HI 96813
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Telephone, Address	1001 Bishop Street Suite 1600, Honolulu, HI 96813

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Withdrawal	Identify the specific document(s) to withdraw and explain in the project summary section. Contact the OEQC if your action is not one of the above items.

Project Summary

The evaluation described in this Final Environmental Impact Statement (FEIS) is focused on the upgrade of the Honouliuli WWTP required to comply with a First Amended Consent Decree. This DEIS for the Honouliuli WWTP is intended to inform the public and various stakeholders of potential impacts the project may have on the environment and has been prepared in accordance with the Hawaii Revised Statutes Chapter 343.

This project proposes to upgrade and expand the existing Honouliuli WWTP to provide secondary treatment and accommodate projected wastewater flows.

Regardless of which treatment alternative is selected, additional improvements at the Honouliuli WWTP are proposed for the following: Central Laboratory, Ocean Team Facilities, Administration Building, Operations Building, Leeward Region Maintenance, Central Shops, Warehouse, truck wash, central supervisory control and data acquisition operations, septage receiving station, odor control, grounds keeping, janitorial service and security, and Honouliuli Water Recycling Facility. This FEIS also addresses the potential siting of new facilities at the Honouliuli WWTP to help consolidate island-wide wastewater system administrative services.

Improvements to the Honouliuli major sewer conveyance system will be the subject of separate, subsequent environmental review documents.

Summary Sheet

Project Name	Honouliuli/Waipahu/Pearl City Wastewater Facilities Plan: Honouliuli Wastewater Treatment Plant Secondary Treatment and Support Facilities
Proposing Agency	City and County of Honolulu (CCH) – Department of Environmental Services (ENV) 1000 Uluohia Street, Suite 308
	Kapolei, Hawaii 96707 Lori Kahikina, P.E., Director
Accepting Authority	CCH – ENV 1000 Uluohia Street, Suite 308 Kapolei, Hawaii 96707 Lori Kahikina, P.E., Director
Location	Ewa District, Oahu, Hawaii
Project Area	The project area includes the existing Honouliuli WWTP site and the recently acquired parcel adjacent to the existing WWTP to the north and east (expansion area).
Tax Map Keys	Honouliuli WWTP: 9-1-013:007 and 9-1-069:004 Honouliuli WWTP Expansion Area: 9-1-069:003
Brief Description of the Action	The evaluation described in this Final Environmental Impact Statement (FEIS) is focused on the upgrade of the Honouliuli WWTP required to comply with a First Amended Consent Decree. This FEIS for the Honouliuli WWTP is intended to inform the public and various stakeholders of potential impacts the project may have on the environment and has been prepared in accordance with the Hawaii Revised Statutes Chapter 343.
	This project proposes to upgrade and expand the existing Honouliuli WWTP to provide secondary treatment and accommodate projected wastewater flows. The project may also result in a future increase in effluent discharged to Mamala Bay via the Barbers Point Deep Ocean Outfall.
	Regardless of which treatment alternative is selected, additional improvements at the Honouliuli WWTP are proposed for the following: Central Laboratory, Ocean Team Facilities, Administration Building, Operations Building, Leeward Region Maintenance, Central Shops, Warehouse, truck wash, central supervisory control and data acquisition operations, septage receiving station, odor control, grounds keeping, janitorial service and security, and Honouliuli Water Recycling Facility. This FEIS also addresses the potential siting of new facilities at the Honouliuli WWTP to help consolidate island-wide wastewater system administrative services.
	Improvements to the Honouliuli major sewer conveyance system will be the subject of separate, subsequent environmental review documents.

Significant Beneficial and Adverse Impacts and Proposed Mitigation Measures <u>Short-Term Impacts:</u> The proposed project would result in some unavoidable short-term impacts, as described below. These potential impacts are generally minor and would be further minimized through the implementation of BMPs.

- Soils Construction activities would result in unavoidable impacts to soils in the project area due to grading and excavation activities and due to the potential for localized contamination of soils from construction activities (i.e., accidental release of construction equipment fluids). Construction methods to preserve the integrity of existing facilities would be implemented and construction equipment would be maintained in good working condition to reduce the potential for accidental spills. In addition, erosion and sedimentation controls would be implemented to reduce impacts to the natural environment. Soil which is not immediately used for backfilling would be stockpiled and covered or otherwise protected to prevent erosion or sedimentation. In addition, temporary seeding and mulching may be used to minimize soil erosion and provide soil stabilization on slopes.
- Groundwater Construction activities could potentially impact groundwater if
 encountered during construction. Mitigation measures would be implemented during
 construction activities to preserve the integrity of existing infrastructure and keep
 construction equipment in good working condition to prevent accidental spills. Also,
 dewatering may be necessary for construction below the groundwater table, if
 necessary, and the construction contractor would be required to include provisions for
 dewatering. Appropriate BMPs, monitoring of groundwater for contaminants and
 careful site preparation would be utilized to minimize adverse impacts. Proposed
 designs would comply with stormwater runoff requirements, pursuant to the Clean
 Water Act.
- Wetlands It is anticipated that an abandoned irrigation ditch located on the project site would need to be filled to construct the various site components in that location. All work would be performed in accordance with Federal, State, and CCH regulatory requirements including, but not limited to the Section 404 of the Clean Water Act, if applicable. The project team would consult with the Army Corps of Engineers, U.S. Fish and Wildlife, DLNR Commission on Water Resource Management, CCH, and other regulatory agencies, as necessary, to determine whether filling the former irrigation ditch is jurisdictional under current regulations. If the ditch is determined to be jurisdictional by one or more agencies, then the project team would work with the appropriate agencies to determine acceptable mitigation options.
- Flora Vegetation would need to be removed within the expansion property area for construction activities. Native Hawaiian plants are recommended for landscaping within the project area, including species such as: ko'oloa'ula, kou, 'ilie'e, and 'a'ali'i to minimize unavoidable impacts to vegetation and trees.
- Air Quality Construction-related air quality impacts would result from site preparation and earth moving activities, the movement of construction vehicles on unpaved areas of the site, emissions from construction equipment, and construction of structures. The construction contractor is responsible for complying with DOH regulations which prohibit visible dust emissions at property boundaries. Although short-term air quality impacts are anticipated to be less than significant, the presence of nearby residences and buildings near the project site suggests that open-air areas and naturally ventilated structures could be impacted by dust in spite of compliance with these regulations.
 BMPs to control dust emissions would be implemented to minimize visible fugitive dust emissions at the property line. The BMPs would include watering of active work areas,

Significant Beneficial and Adverse Impacts and Proposed Mitigation Measures (Continued) using wind screens, keeping adjacent paved roads clean, and covering open-bodied trucks. Measures to control construction emissions from equipment and vehicles can also be considered if necessary, such as using newer equipment and reducing on-site truck idling time. In addition, increased vehicular emissions due to disruption of traffic by construction equipment and/or commuting construction personnel can be alleviated by moving construction materials and workers to the site during off-peak traffic hours.

- Noise Construction noise would be unavoidable during the project construction period. Short-term increases in noise levels would result from construction activities, vehicles and equipment. The use of muffled equipment, noise barriers, and restrictions on construction hours, as well as adherence to DOH regulations on noise mitigation, would minimize construction and traffic-related noise. For construction work to be performed at night or on weekends and holidays, a Community Noise Variance permit from the DOH would be required if it exceeds regulatory noise levels.
- Traffic An unavoidable slight increase in entering and exiting proposed project traffic
 is anticipated in some areas during construction activities. Therefore, roadway
 improvements, including road widening, are recommended at the affected
 intersections.
- Visual and Aesthetic Resources During construction activities, the presence of cranes
 and other heavy construction equipment would alter a portion of the viewshed from
 nearby buildings within the WWTP site. In addition, the proposed improvements would
 alter the viewshed of the surrounding area by adding new three-dimensional, man-made
 features. During construction, fencing surrounding the construction site may be
 provided as needed to provide a visual screen. Any construction impacts regarding
 visual aesthetics are expected to be short-term and would cease after construction.

<u>Long-Term Impacts:</u> The following unavoidable long-term impacts may result from development of the proposed project

- Soils Following upgrades to the existing WWTP, the potential would still remain for
 wastewater spills to occur which could result in soil contamination. Soils stability
 inspections in the vicinity of the foundations of proposed facilities would need to be
 conducted periodically.
- Water Quality The proposed project will provide wastewater treatment facilities needed to comply with secondary treatment standards. It is also anticipated to have beneficial impacts due to expansion of the WWTP to handle flows from future population increases and development. .
- Sludge There will be an increase in the amount of sludge that is produced, handled, and disposed of due to the upgrade to secondary treatment.
- Groundwater The stormwater detention/infiltration basins proposed at several
 locations within the project area may have an effect on the local groundwater table.
 However, these basins would be designed as part of a larger stormwater BMP system
 and are therefore anticipated to enhance the quality of stormwater recharge to
 groundwater. In addition, localized effects on groundwater levels may occur due to the
 potential reduction to local groundwater recharge.
- Surface and Coastal Waters There is a potential for indirect impacts due to additional
 development allowed by sewered areas, including an increase in wastewater flow to
 the Honouliuli WWTP and effluent discharged to Mamala Bay.

Significant Beneficial and
Adverse Impacts and
Proposed Mitigation
Measures (Continued)

Air Quality – The primary air quality concern associated with the proposed project could be potential odor nuisances. The proposed alternatives include odor control for some of the existing facilities and all new facilities. Compliance with all applicable ambient standards, including odor in terms of H₂S concentration levels, would be demonstrated 1) during the final design stage of the project when the air permit is modified for applicable criteria pollutants and 2) after the completion of construction with an ambient monitoring program for odor. There is potential to increase on-site stationary and mobile source emissions due to an increase in the plant operational capacity.

However, the possibility of nuisance odor from the Honouliuli WWTP would likely be reduced by the upgrade to the odor control system, which would help minimize nuisance odor downwind of the Honouliuli WWTP. Operation of the plant under future proposed conditions would involve installation of new standby generators to provide expanded emergency power supply, which may cause potential short-term increase in combustion source emissions. However, given their emergency usage purposes, potential air quality impacts would be short in duration and would be unlikely to cause significant air quality impacts. Thus, mitigation measures would unlikely be necessary during the operational period. If a CHP facility is incorporated at the Honouliuli WWTP, it would need to be permitted according to State and Federal air regulations, as operation of the facility has the potential to produce additional emissions over the long term. The potential air emissions from the facility cannot be defined at this time, since the design is currently conceptual, but would be specified in air quality permit applications.

- Traffic An unavoidable slight increase in entering/exiting project traffic is anticipated during peak hours as a result of the proposed project. Road improvements are proposed to minimize long term local impacts to traffic.
- Noise The adverse noise impacts resulting from the proposed activity may include increased vehicular noise due to additional vehicles traveling to and from the facilities, and increased stationary noise resulting from new equipment at the facilities. During the operation of the project, compliance with the DOH property line noise limits for fixed machinery would also be required, and it is expected that the long-term noise impacts associated with the proposed improvements would be minimized by the adherence to the DOH rules regarding noise limits for fixed machinery. Mitigation measures include soundproofing or muffling equipment noise such that noise levels remain below the maximum allowable levels. All CCH wastewater facilities must comply with the noise requirements of the DOH, pursuant to Chapter 46, Title 11, Community Noise Control, HAR.
- Energy Consumption Implementation of the proposed project would increase
 demand in energy consumption as all alternatives involve operation of new pumps,
 blowers, and other equipment required to convey and treat wastewater, which would
 require use of fuel and electricity. There is a potential for energy recovery from digester
 gas or by utilizing new emerging technology for gasification of sewage sludge. CCH is
 currently evaluating alternatives to use the digester gas for energy recovery.

Alternatives Considered

Alternatives considered for the WWTP upgrade include the following treatment upgrades:

- No Action Alternative
- Option 1 Expand Existing Trickling Filter/Solids Contact (TF/SC) Process to Full Capacity
- Option 2 Replace Existing TF/SC Process with Activated Sludge (AS) to Full Capacity
- Option 3 Add to Existing TF/SC Process with AS to Full Capacity

Unresolved Issues

Project descriptions for every treatment option offer conceptual designs based on available information. It is likely that adjustments will need to be made as the detailed design of the selected option proceeds. As such, the conceptual designs should be regarded as estimates and approximations.

The proposed site layout presented in this FEIS is intended to conceptualize the potential for land use at the Honouliuli WWTP site for the ultimate build-out in Year 2050. It is anticipated that further changes to the site layout, support structures, and buildings will occur as part of later detailed design efforts and results which may vary from those documented herein and could require additional environmental review in the future.

The Honouliuli Wastewater Basin Odor Control Project is ongoing. The project scope addresses odor and corrosion concerns in both the WWTP and tributary collection system. Design of improvements is anticipated to be completed by mid to late 2016. The required environmental review associated with the Honouliuli WWTP upgrades are included in the FEIS while future improvements outside the WWTP will be the subject of additional environmental review documents to be prepared and submitted when the collection system improvements are better defined.

The project assessed in this FEIS only concerns the upgrade and expansion of the Honouliuli WWTP to provide secondary treatment and accommodate projected wastewater flows, as well as addresses the potential relocation of non-process facilities that support island-wide wastewater system functions that are currently located at Sand Island WWTP to the Honouliuli WWTP site. The required environmental review associated with the Honouliuli WWTP upgrades, including estimating the flows that will be conveyed to the WWTP, is included in this FEIS. The improvements to the conveyance system will be the subject of separate environmental review documents to be prepared and submitted when the system improvements are better defined.

Compatibility with Land Use Plans and Policies

State Land Use – The project site is located in the following state land use districts: Urban and Agriculture. The proposed uses are permissible uses in the Urban district but will require a Special Use Permit or Land Use Change for construction on the Agriculture district land.

Zoning – Zoning of the site is Restricted Agriculture District (AG-1) and Intensive Industrial District (I-2). The proposed uses are permissible uses in the Industrial zoning but will require a Special Use Permit or Land Use Change for construction on the Agriculture district land.

Compatibility with State and Local Land Use Plans — The project alternatives generally conform with the various relevant land use plans, policies and regulatory controls, including, but not limited to, the Hawaii State Plan, Recreation State Functional Plan, Historic Preservation State Functional Plan, State Coastal Zone Management Program, Ocean Recreation Management Plan, and the CCH's General Plan, Primary Urban Center Development Plan, Central Oahu Sustainable Communities Plan, and Ewa Development Plan.

Flood Insurance Rate Map – The Project Area is not located within a flood zone.

Required and Potential Permits and Approvals

Required and potential clearances and permits needed from the various Federal, State and CCH agencies include but are not limited to the following:

Federal:

U.S. Army Corps of Engineers

Department of the Army Permit (CWA Section 404; Rivers and Harbors Act Section 10)

U.S. Environmental Protection Agency:

CWA Section 301(h) Review

FAA

Air Traffic Flight Path Approval

State of Hawaii:

Department of Business, Economic Development and Tourism, Office of Planning:

Coastal Zone Management Consistency Determination

Department of Health (DOH):

Air Pollution Control Permits (Covered Source Permit and/or Noncovered Source Permit)

Construction Plan Review and Approval

Noise Variance Permit

Clean Water Branch (CWB) Individual NPDES Form – Coverage for Discharge of Municipal Wastewater from New and Existing Publicly Owned Treatment Works (Modification)

CWB NOI Form – Coverage under the NPDES General Permit for Storm Water Discharges Associated with Construction Activities

CWB NOI Form – Coverage under the NPDES General Permit for Discharges Associated with Construction Activity Dewatering (if required)

<u>Department of Land and Natural Resources – Commission on Water Resource Management</u> Stream Channel Alteration Permit (SCAP)

Land Use Commission

Special Use Permit

City and County of Honolulu (CCH):

Board of Water Supply (BWS):

Water and Water System Requirements

Construction Plan Review and Approval

Department of Transportation

Street Usage Permit for Construction

Department of Environmental Services:

EIS Approval

Permission to Discharge into CCH storm drain system (required for CWB NPDES stormwater permits)

Department of Planning and Permitting (DPP):

Building Permit