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\* E I S N E W S L E T T E R \*  
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September 6, 1973

I-15

*Persons interested in obtaining additional information should contact this Office at 550 Halekaiwila Street, Tani Office Building, Room 301, Honolulu, Hawaii 96813 or call 548-6915.*

BACKGROUND INFORMATION NOTES

EPA Proposes Four Ways to Limit Air Deterioration

The Environmental Protection Agency has proposed four alternative methods to prevent "significant deterioration" of the quality of the air in areas where it is cleaner than required by Federal Standards. It has been emphasized by EPA that none of the proposals reflect a "no growth" policy in terms of economic development.

The proposed alternatives are:

1. A nationwide establishment of a maximum allowable increase in sulfur dioxide and particulate air pollution levels in those areas where 1972 levels were below the Federal standards.
  - For particulate matter, the maximum allowable increase would be 10 micrograms per cubic meter of air (annual average) and 30 micrograms (24-hour average).
  - The allowable sulfur dioxide increases would be 15 micrograms (annual average), 100 micrograms (24-hour average), and 300 micrograms (3-hour average).
2. A ceiling on emissions in certain regions that have sulfur dioxide and particulate levels that are already below the secondary ambient air quality standards.
  - The ceiling for sulfur dioxide would be 20% over 1972 emission levels.
  - The ceiling for particulate matter would also be 20% over the 1972 emission standards.
3. Requirement of States to determine on a case-by-case basis of new sources causing "significant deterioration" of the quality of the air.

4. Requirement of States to identify areas of its territory as belonging to one of two zones of "allowable deterioration".

- Zone 1 - areas where no significant development will occur, thus ambient air quality will remain below the Federal standards or at the present level.
- Zone 2 - areas where the ambient pollution could rise (to safe low levels - the secondary ambient standard) in order to accomodate economic development.

Public hearings on the above proposals were held in major mainland cities. Further information regarding the outcome of these hearings will be published in a forthcoming newsletter.

TEMPORARY COMMISSION

The Temporary Commission on Environmental Planning has arranged the following schedule of public meetings to discuss the Goals and Policies they recommend be written into law to provide common guidelines for future public and private decisions affecting the environment of Hawaii. Reactions are desired from citizens throughout Hawaii concerning the preliminary proposal of the Temporary Commission so that it can be re-drafted in October and presented in final form to the Governor and the State Legislature on November 1, 1973.

SEPTEMBER 1973

Monday	Tuesday	Wednesday	Thursday	Friday
3	4	5	6	7
		State Capitol Auditorium	Waipahu Library	
10	11	12	13	14
Wahiawa Intermediate School Cafetorium	Kahului Library	Lahaina Civic Center	Molokai Kaunakakai School	
17	18	19	20	21
Kaneohe Library	Susannah Wesley Community Center Kalihi-Palama	Waianae Intermediate School Cafetorium	Kauai Convention Hall, Lihue	Waimea Library
24	25	26	27	28
County Council Chamber, Hilo	Sgt. Yano Building Captain Cook	Kailua Library Oahu	University of Hawaii Orvis Auditorium	

All meetings will begin at 7:30 p.m.

For additional information, call Mrs. Blatchford, Office of Environmental Quality Control, 548-5915.

## PUBLIC HEARING NOTICE

The Department of Land and Natural Resources has scheduled a public hearing, on September 28, 1973, to discuss a Conservation District Use application for an underwater observatory, commercial recreational facilities, and support facilities at McGregor's Point, Maalaea, Maui. The hearing will begin at 1:00 p.m. at the Conference Room, State Office Building, 54 High Street, Wailuku, Maui.

## ENVIRONMENTAL ASSESSMENT

1. An environmental assessment, prepared by the Department of Water Supply, County of Maui, has been submitted to this Office for public review and comments. The project proposes the construction of a 1.0 million gallon concrete reservoir to serve the needs of the Makawao-Pukalani area. The project site is located at a 1,700 foot elevation on a slope of about 10 percent in the Pukalani area. Areal extent of the project is approximately 1 acre. Persons wishing to comment on the assessment may request copies by writing or calling OEQC. Deadline for comments is October 3, 1973.

2. An assessment of environmental impact resulting from a proposed flood control development project at Alenaio Stream has been submitted to this Office for public review and comments. The statement, prepared by the Department of Land and Natural Resources provides the following:

- A description of selected aspects of the Alenaio Stream environment between Kiinole and Komohana Streets, which, historically, have been subject to surface water inundation.
- An analysis of environmental impact resulting from proposed development at this location.
- A determination of the type and amount of irretrievable resources required to accomplish the proposed development program.
- An analysis of alternative actions which could be implemented to accomplish the goals and objectives of the proposed development program.

Deadline date for comments is October 5, 1973.

## ANTICIPATED EIS

Honolulu District Court (relocation), Kahaluu Flood Control Project, Kaneohe Civic Center (site selection), Maintenance of Harbors (dredging), Pacific Sea Jetfoils (inter-island transportation service).

EIS REGISTER

Draft Environmental Impact Statements

Project Name - Expanding Agency or Initiating Agency

Location

Suspense Date

1. Mauna Kea Observatory Access Road (Hale Pohaku to Summit of Mauna Kea) - University of Hawaii

Mauna Kea, Hawaii

9/5

Description

The proposed project provides for a one-lane unpaved road 15 feet in width from Hale Pohaku to the observatory and pavement near the observatory which varies from 15 feet to 25 feet in width. There will be 4.0 miles of unpaved road constructed on a new alignment; 0.4 miles of unpaved road which is only a minor realignment of the existing road to correct a hazardous area; 1.9 miles of unpaved surface improvements which maintain the existing horizontal and vertical road alignment; and 0.2 miles of existing road which is to be paved in order to reduce dust near the existing observatory. Construction required consists of earthwork, drainage facilities, gates, and signs for a one-lane unpaved road; and the pavement near the observatory.

2. Deepwater Ports - To Accompany Legislation to Authorize the Secretary of the Interior to Regulate the Construction and Operation of Deepwater Port Facilities - U. S. Department of the Interior

Nation-wide  
(Submitted in compliance with NEPA)

9/7

The subject statement examines the potential environmental impacts of construction, operation, and maintenance of deepwater ports, and likely ancillary functions directly involved with any port, which may be licensed under the proposed legislation regardless of type or location. (Individual ports and functions are not addressed in this statement.) Prior to the licensing and constructing of future deepwater ports, an environmental impact statement will be developed.

3. Kohala Estates - Hawaiian Home Lands

North Kohala, Kohala, Hawaii

9/14

This project concerns installation of electrical and telephone lines from Kawaihae substation along the Kawaihae-Mahukona Road, a distance of approximately two miles, to provide service for "Kohala Estates", a privately developed agricultural subdivision, Tax Map Key 5-9-1:1,2,3.

4. Whitmore Multi-Purpose Community Center - Department of Planning and Economic Development

Wahiawa,  
Oahu

9/20

The proposed center will be an indoor recreation-community facility consisting of a gymnasium-auditorium for recreational activities, community gatherings, and sessions in education, culture and arts. (Provisions are being made for addition of a future library reading center). The site selected for the center will have 40,000 s.f. of land area, consisting of two pieces of land fronting Whitmore Ave.

5. Fort Weaver Road Realignment and Widening - State Department of Transportation

Ewa,  
Oahu

9/20

A relocation and widening of existing Fort Weaver Road is proposed for a length of approximately 5.8 miles between Interstate Route H-1 at Kunia Road and existing Fort Weaver Road at the boundary of the National Oceanic and Atmospheric Administration Observatory. Three basic highway corridor alternatives have been studied and are discussed in the subject statement.

6. Hilo II High School - Department of Accounting and General Services

Hilo,  
Hawaii

9/26

Projecting the need for a second high school within the Hilo area, the Department of Education has embarked on a plan to locate a new grade 9 - 12 high school in the Waiakea area. The site selected is located on approximately 40 acres of the existing Waiakea Intermediate and Elementary Schools. The facilities to be provided will include classroom buildings, library, administration building, cafeteria, as well as the full complement of physical education facilities, parking lots and open areas. The buildings will be limited in height to two-stories, in keeping with the ordinances established by the County of Hawaii.

7. Underwater Observatory Near Mc Gregor Point - Sea Habitat Hawaii, Inc.

Maalaea,  
Maui

9/27

The proposed underwater observatory consists of a water tight viewing chamber (38' diameter) located underwater at a depth of approximately 22 feet and an observation deck (48' diameter) 21' above water level. The entire observatory will extend from the sea floor to an elevation about 35' above mean water level. On the shore a two-story circular building of 60' in diameter

9/27

would house an educational center shop, food service facilities, and environmental theater with seating for 80 patrons and science exhibits, restrooms and office space. Other facilities on the site would include a parking area of approximately 33,000 sq. ft., walkways, and a sewage treatment facility. (See page 3 for hearing notice.)

The purpose of the Puukapu Flood Control Project 10/5 is to institute measures that will reduce the frequency of flooding in the towns of Waimea and Kuhio Village. The means of accomplishing this is by realignment of a small portion of the Waikoloa Stream, by the utilization of 1600 ft. of lined channel. The proposed channel realignment originates at the crossing of Waikoloa Stream at Lindsay Road Bridge and terminates in State of Hawaii property.

Kamuela,  
Hawaii

8. Puukapu Flood Control Project - Department of Land and Natural Resources

Non-Impact Statements

1. Anahola Residence Lots, Second Increment - Department of Hawaiian Home Lands

Anahola,  
Kauai

9/14

The proposed project is located in Anahola, Kauai, approximately 1/2 mile from the Anahola Post Office, and adjacent to an existing single family residential development. The development calls for the construction of 30 single family residences, consisting of 3 and 4 bedrooms each, with 2 baths, and would encompass an area of approximately 24 acres.

2. Keaau Civic Center Improvements - Department of Public Works, County of Hawaii

Keaau,  
Hawaii

9/14

The existing Civic Center consists of the County Fire Department, Police Department and the State District Court Building. The project will provide an auxiliary generator and shed to service the Fire and Police Departments in emergencies, a shed for parking automobiles in front of the court building and a covered walkway between the court house and the police station, an equipment shed for the Fire Department, and other miscellaneous items.

3. Honokaa Service Shed,  
Health, Lab Office -  
Department of Accounting  
and General Services

Honokaa,  
Hawaii  
The project consists of the construction of a new 9/14 one-story wood frame building approximately 2,505 sq. ft. to house the field operations of the Vector (Rodent and Mosquito) Control Program for the State Department of Health.

4. Palisades Elementary  
School Fence, Wall and  
Minor Site Improvements -  
Department of Accounting  
and General Services

Pearl City,  
Oahu  
The proposed project consists of constructing a 9/14 wall, fencing and drainage improvements to primarily control internal drainage within the school campus.

5. Water Storage Reservoir,  
Transmission Line, and  
Access Road Kaniahiku and  
Keahialaka - Tokyu Land  
Development (Hawaii) Inc.

Puna,  
Hawaii  
The proposed project involves the construction of 9/14 a 500,000-gallon concrete water reservoir, a 20-foot easement access road, and the installation of an 8-inch and 12-inch influent-effluent water transmission lines in Kaniahiku and Keahialaka, Puna, Hawaii. The project begins along the Pahoa government road at a point near the Lava Tree Park and terminating at Alohilani Meadows, Lanipuna Gardens Subdivision and Malama-ki University Experiment Station.

EIS NEWSLETTER  
(I-15)

OFFICE OF ENVIRONMENTAL QUALITY CONTROL

REQUEST FOR DRAFT EIS

Sent to: \_\_\_\_\_  
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Contact: \_\_\_\_\_ Phone No. \_\_\_\_\_

Request a copy of the following:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Date: \_\_\_\_\_

Return to: OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
Office of the Governor  
550 Halekauwila Street, Room 301  
Honolulu, Hawaii 96813

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\* E I S   N E W S L E T T E R \*  
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September 21, 1973

I-16

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STATE TO REVIEW ITS AIR IMPLEMENTATION PLAN

Two recent court decisions have called upon the Federal Environmental Agency to announce new regulations for air quality which may affect future growth and land use planning in Hawaii. The Environmental Protection Agency has requested that the State submit its comments regarding these new regulations by October 16, 1973.

The first of the two recent court decisions requires new Federal regulations to prevent the degradation of the Nation's air quality. The Environmental Protection Agency is presently soliciting reactions on what they have suggested as four possible approaches for meeting this requirement. These are as follows:

1. To establish a maximum allowable increase in measurement of air pollutants in those areas where 1972 levels in Hawaii were cleaner than Federal standards;
2. To establish a certain percentage increase of air pollutants allowed in areas where 1972 levels were cleaner than Federal standards;
3. To require states to determine on a case-by-case basis whether new sources of emissions will cease "significant deterioration" of air quality; and
4. To require states to identify zones for allowable changes in air quality.

Meanwhile, the second court case requires that the Federal Environmental Protection Agency tighten its regulations controlling state air quality implementation plans so that the State will now have much broader control over the construction of indirect or complex sources of air pollution. An "indirect" or "complex source" has been defined as any facility which can reasonably be expected to cause increased automobile traffic to the extent that exhaust fumes may prevent the attainment or maintenance of National Air Quality Standards. This definition would include such facilities as major highways, airports, large regional shopping centers, major sport

complexes, major parking facilities, and large educational and recreational facilities. By December, the State must send to the Federal Government its regulations and procedures describing state authority to review and prohibit such "complex sources" of air pollution.

To develop a response to the Federal Government regarding these new regulations, the State Office of Environmental Quality Control has called upon State and County planners to work together to develop a coordinated State-County position. Those persons wishing to have input to this task force of State and County planners on air quality should immediately submit their comments to either Dr. Henri Minette, Environmental Health Division of the State Department of Health or to Dr. Richard Marland of the State Office of Environmental Quality Control, 550 Halekauwila Street, Honolulu, Hawaii. Comments must be received no later than October 1, 1973.

TEMPORARY COMMISSION

The Temporary Commission on Environmental Planning has arranged the following schedule of public meetings to discuss the Goals and Policies they recommend be written into law to provide common guidelines for future public and private decisions affecting the environment of Hawaii. Reactions are desired from citizens throughout Hawaii concerning the preliminary proposal of the Temporary Commission so that it can be redrafted in October and presented in final form to the Governor and the State Legislature on November 1, 1973.

SEPTEMBER, 1973

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10 Wahiawa Intermediate School Cafetorium	11 Kahului Library	12 Lahaina Civic Center	13 Molokai Kaunakakai School	14
17 Kaneohe Library	18 Susannah Wesley Community Center Kalihi-Palama	19 Waianae Intermediate School Cafetorium	20 Kauai Convention Hall	21 Waimea Library
24 County Council Chamber, Hilo	25 Sgt. Yano Building Captain Cook	26 Kailua Library Oahu	27 University of Hawaii Orvis Auditorium	28

All meetings will begin at 7:30 P.M.

For additional information, call Mrs. Blatchford, Office of Environmental Quality Control, 548-6915.

On Thursday, 27th of September, the TCEP meeting at the University of Hawaii (Orvis Auditorium) will feature Dr. Paul N. Ylvisaker of Harvard University. Dr. Ylvisaker served as a consultant to the Temporary Commission on Environmental Planning. (This public meeting will be telecasted "live" on public television, station KITV.)

Deadline date for comments is October 5, 1973

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3. Hilo II High School - Hilo,  
Department of Accounting and Hawaii  
General Services

Oceanic and Atmospheric Administration  
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10/5

EIS REGISTER

Final Environmental Impact Statement

Project Name - Expanding Agency or

Initiating Agency

Location

Description

Suspense  
Date

1. Pukalani Elementary School Site Pukalani,  
Selection - Department of Maui  
Accounting and General Services

Three alternative sites for the proposed school were selected and evaluated against the general site selection criteria and their comparative costs computed. Following this study, a specific site has been recommended for the project for which the FIS has been prepared. This six-acre site is planned for grades K-5 and is scheduled to open in September, 1975, with an initial enrollment of 300 students. Facilities planned for the project are an administration building, library buildings, several two-story classrooms and various supporting facilities.

Currently  
Being Pro-  
cessed By  
This Office

Draft Environmental Impact Statements

1. Whitmore Multi-Purpose Com- Wahiawa,  
munity Center - Department of Oahu  
Accounting and General Services

The proposed center will be an indoor recreation-community facility consisting of a gymnasium-auditorium for recreational activities, community gatherings, and sessions in education, culture and arts. (Provisions are being made for addition of a future library reading center.) The site selected for the center will have 40,000 square feet of land area, consisting of two pieces of land fronting Whitmore Avenue.

9/20

2. Fort Weaver Road Realignment Ewa,  
and Widening - State Depart- Oahu  
ment of Transportation

A relocation and widening of existing Fort Weaver Road is proposed for a length of approximately 5.8 miles between Interstate Route H-1 at Kunia Road and existing Fort Weaver Road at the boundary of the National

9/20

Department of Land and Natural Resources and should be finalized shortly.) The new school is proposed to replace the existing Kihel School which is old, substandard in land area and located within the tsunami inundation zone. The new school is scheduled to open in 1976 with an initial enrollment of approximately 445 students in grades K to 8.

Non-Impact Statements

1. Construction of Floating Piers  
Department of Land and Natural Resources  
Honolulu, Oahu

The project site is located in the Ala Wai Yacht Basin, Island of Oahu which is the State of Hawaii conservation land (both wetlands and dry). The project consists of replacing two existing floating piers on the Southwest side with new upgraded floating piers and replacing the temporary floating pier on the Northwest side with a new floating pier of larger and better design. In addition, three new floating piers will be built on the Northeast and Southwest sides in areas not occupied by existing piers.

2. Kapalama Elementary School, Playcourt Improvements -  
Department of Accounting and General Services  
Honolulu, Oahu

The proposed project essentially consists of reconstructing the existing combination playcourt (volleyball and basketball). Major work items included: asphaltic concrete paving, stripping, installing a new concrete peripheral curb and additional court equipment.

3. Extension of Ewa Groin at Kuhio Beach -  
Department of Transportation  
Waikiki, Oahu

The proposed project consists of extending the Ewa Groin 50 feet along the existing crib wall. The project also include the removal of approximately 100 cubic yards of sand from the northwestern end of Kuhio Beach and redistributing it along central areas of Kuhio Beach.

4. Pier 2 Reefer Outlets -  
Department of Transportation  
Honolulu, Oahu

The project consists of providing approximately 10/1 80 reefer (refrigerator container) outlets on 900 feet of the abandoned concrete sidewalk along the Waikiki boundary fence of the Pier

6. Eleele-Hanapepe Wastewater Management System - Department of Public Works, County of Kauai Eleele, Kauai

channel realignment originates at the crossing of Waikoloa Stream at Lindsay Road Bridge and terminates in the State of Hawaii property.

The long-range plan aims at improving water quality in the Eleele-Hanapepe region and calls for the collection and diversion of sewage to a secondary treatment plant. The plan recommends implementation in several stages to include: construction of a sewage pumping station and a 0.4 mgd secondary treatment plant with deep well injection in the first phase; and in subsequent phases, provision for ocean outfall, reclamation of treated wastewater and increase of plant capacity to 1.4 mgd. The first phase is scheduled for completion by early 1975; the ultimate system is planned for 1990.

7. Papaikou Sewage Treatment Plant Papaikou, Department of Public Works, Hawaii County of Hawaii

The proposed action entails the design and construction of a secondary sewage treatment plant with design flows to initially treat 180,000 gallons per day, and an ultimate treatment of 350,000 gallons per day. The facilities included in the proposed treatment plant include: grit chamber communitory, aeration tanks, settling tanks, aerated sludge digester tanks, blower-chlorinator system, chlorine contact chamber and sludge dewatering unit. The exact location of the proposed facility has not yet been finalized. At the present, the plant is approximately an acre in size and the proposed location site is adjacent to Kapue Stream. The desired location would provide for discharge into Kapue Stream. Availability of land for the facility will be provided by Papaikou mill management.

8. Kihei Elementary and Intermediate School, Waiohuli - Keokea, Makawao, (Kula) - Department of Accounting and General Services Kihei, Maui

The proposed 25-acre Kihei Elementary and Intermediate School site is identified by TMK 2-2-02:01 portion and is presently owned by Haleakala Ranch Company. (The acquisition of the 25-acre site has been initiated by the

8. Transient Vessel Mooring - Department of Transportation Honolulu, Oahu 10/1

The project consists of the construction of two (2) breasting dolphins, each approximately 22 feet x 32 feet, supported by ten (10) precast, prestressed, concrete piles. The dolphins shall be anchored to shore by concrete tie beams and steel wide flange piles. Project site is at Pier 7.

9. Castle High School Demolition Of Fire Damaged Classrooms - Department of Accounting and General Services Kaneohe, Oahu 10/1

The proposed project consists of demolition and removal of a portion of an existing single story fire damaged classroom building (5,500 square feet) at Castle High School. Those portions of the building not extensively damaged by the fire will be replaced and/or repaired. New classrooms will be built to replace those destroyed by the fire.

10. Safety Improvements-Farrington Highway - Department of Transportation Ewa, Oahu 10/1

The proposed project involves the implementation of safety improvements along a .37 mile portion of Farrington Highway. The proposed safety improvements are as follows:

- (a) Upgrading of existing roadway appurtenances to conform to the latest traffic safety standards. (Lighting, guard rails, etc.)
- (b) Installation of glare screen (where necessary).
- (c) Removing and transplanting existing shrubbery to provide better sight distances and glare screening.
- (d) Construction of attenuating devices, such as concrete median barriers with paved shoulder.

"backup area". The outlet will provide power for the chassis mounted reefers that will be used with the new "roll-on roll-off" ships.

- 5. Waihee Beach Park - Department of Parks and Recreation, County of Maui Waihee, Maui 10/1

The site proposed for the project (4.0 acres) is owned by the County of Maui and is designated for park usage in the Wailuku-Kahului General Plan. The project consists of paving the existing dirt road to the park site, construction of a footpath between the parking area, restroom and beach, selected clearing and grubbing, construction of restrooms and showers, drinking fountains and a twelve (12) stall parking lot.

- 6. Kunia Road Improvements for Village Park Development - Department of Transportation Honolulu, Oahu 10/1

The proposed project will widen 700 feet of Kunia Road from two lanes to four lanes, widen 400 feet of roadway at the Kunia Interchange from four lanes to six lanes, upgrade shoulder structural sections, install underground drainage system, traffic signals, sidewalks and other accessory facilities. The total length of the roadway improvement is approximately 1800 feet. Generally, the construction will be contained within the existing right-of-way.

- 7. Hawaii Loa Ridge Access Road, Grading and Landscaping - Department of Transportation Honolulu, Oahu 10/1

The proposed project work consists of constructing an access road from Kalaniana'ole Highway between Kirkwood and Hawaii Loa Streets to the plateau of Hawaii Loa Ridge to permit eventual sitework for residential development of the ridge. The proposed access road will be 36 feet wide with a 24-foot pavement, except for the intersection where the pavement widens to 54 feet. The roadway will be approximately 1600 feet long. After construction, the road will be used by residents of the ridge development to gain access to Kalaniana'ole Highway.

EIS NEWSLETTER  
(I-16)

OFFICE OF ENVIRONMENTAL QUALITY CONTROL

REQUEST FOR DRAFT EIS

Sent to: \_\_\_\_\_  
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Contact: \_\_\_\_\_ Phone No. \_\_\_\_\_

Request a copy of the following:

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_

Date: \_\_\_\_\_

Return to: OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
Office of the Governor  
550 Halekauwila Street  
Honolulu, HI 96813