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* E I S NEWSLETTER *
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April 17, 1973
No. I-2

This is the second publication of the EIS Newsletter. Through the regular publication of this newsletter, the Office of Environmental Quality Control (OEQC) will keep the public informed of the current environmental statements being processed within the State. In the future, it is hoped that the scope of this newsletter can be expanded to encompass broader environmental concerns beyond environmental impact statements. Concerned groups or individuals are welcome to comment on the form and contents of this publication, and to inquire about the specific items included in this newsletter. Persons interested in obtaining additional information should contact this Office at 550 Halekauwila Street, Tani Building, Room 301, Honolulu, Hawaii 96813, or call 548-6915.

BACKGROUND INFORMATIONAL NOTES

The first newsletter briefly identified the five sections contained in an EIS. These five sections, again, are:

- I. The environmental impact of a proposed project
- II. Any adverse environmental effects which cannot be avoided should the proposal be implemented
- III. Alternatives to the proposed action
- IV. The relationship between local short-term uses of man's environment and the maintenance and enhancement of long-term productivity.
- V. Any irreversible and irretrievable commitments of resources which would be involved in the proposed action

Prior to the environment impact of a proposed project, the first section, "background data" should be provided. For this reason items (a) through (d) below could be called an Introduction to the EIS or could be incorporated into the Project Description.

This portion of the EIS should include the following:

- (a) A concise discussion of the goals and objectives of the proposed project. This sub-section is

important in identifying the need for the proposed project. The reviewer can either challenge these goals and objectives, or if he concurs with the intent of the project, keep the purpose of the project in mind as he reads the EIS.

- (b) A description of the proposed project. The project description should include a detailed discussion of the site and the physical facilities to be constructed, support facilities or systems (water reservoir, cesspools, utilities, transportation system), services and activities that would be performed on the site or within the facility after completion, the total area to be utilized by the project, and discussion of the construction and land transformation activities and methods. When possible and available, plans and/or maps should be included to supplement such discussions.
- (c) A description of the existing conditions and activities occurring on and adjacent to the site. The checklist below indicates the areas which could be included in this sub-section. This description is especially important because it allows the reviewer to make comparisons between the existing conditions and the proposed future conditions. This allows the reviewer to determine whether the change is desirable or if the impact of the proposed project should be modified or discouraged.
- (d) Identification of all Federal, State, or local agencies and other organizations and private individuals consulted in preparing the EIS, and list of the persons, firms, or agencies that prepared the EIS. Identification of the governmental approvals, permits, etc., which must be obtained prior to construction of the facility. Because the EIS per se does not decide on whether a project should be continued, and is an information document, OEQC can utilize this sub-section so that the EIS and the responses received can be forwarded to those agencies empowered to make such decision.

CHECKLIST OF THE EXISTING CHARACTERISTICS,
CONDITIONS AND USES OF THE PROPOSED
PROJECT SITE

(This checklist serves to provide an outline or remind the preparer of the EIS of the potential aspects which should be covered in describing the proposed or recommended site.)

I. Physical Characteristics

A. Earth

1. Land form
2. Soils
3. Unique physical features
4. Topography
 - a. General characteristics
 - b. Details on critical features

B. Geographic extent of project

1. Boundaries of project
2. Adjacent areas which affect the project

C. Water

1. Surface
2. Underground
3. Quality (e.g. salt content, nutrient content, etc.)
4. Recharge
5. Ocean
6. Streams and rivers
7. Temperature
8. Reservoirs and lakes

D. Atmosphere

1. Quality
2. Climate (Micro and Macro)
3. Temperature
4. Wind velocity and direction

II. Biological Factors

A. Flora

1. Trees
2. Shrubs
3. Grass
4. Crops
5. Aquatic plants
6. Microflora
7. Rare and endangered species

B. Fauna

1. Mammals
2. Birds
3. Insects
4. Micro-organisms
5. Marine animals and benthic organisms
6. Rare and endangered species

III. Land Use

A. General project site

1. Present land use and quality
 - a. Wilderness and open spaces
 - b. Wetlands
 - c. Forestry
 - d. Grazing
 - e. Agriculture
 - f. Residential
 - g. Commercial
 - h. Industrial (Manufacturing)
 - i. Resource production and extraction, mining and farming
 - j. Watershed
 - k. Playgrounds
 - l. Museums
 - m. Resorts
 - n. Institutional (e.g. schools, hospitals)
2. Designated Land Use and Zoning in Master Plan
3. Comprehensive long range plans

IV. Cultural and Social Factors

A. Recreation

1. Hunting
2. Fishing
3. Boating
4. Swimming
5. Camping and hiking
6. Picnicking
7. Surfing
8. Skin diving

B. Aesthetics and Human Interest

1. Scenic views
2. Wilderness Quality
3. Open space quality
4. Landscape design
5. Parks and reserves
6. Historical, archaeological sites and objects and monuments
7. Rare and unique species or ecosystems
8. Unique physical features

C. Social Status

1. Various life styles

2. Health (physiological and psychological) and safety
3. Employment
4. Household incomes (broad survey)
5. User groups

D. Demographic Factors

1. Total population
2. Growth trends
3. Density and distribution
4. Population composition (by sex, age, race)

V. Significant Ecological Relationships

- A. Eutrophication
- B. Food chains
- C. Disease-insect vectors
- D. Vegetation competition
- E. Other

Next week's newsletter will elaborate upon the first and second sections of the EIS.

UPDATE (formerly titled Current Happenings)

EIS Legislation - The Administration's Bill (HB 1522, Senate Bill 1319) proposing that the EIS requirements be extended to the county agencies and the private sector failed to pass during the past legislative session. The bill had intended to strengthen environmental concerns by engaging all levels of government and private citizens into the EIS process. It is hoped that during the interim period, studies and possible modifications to the bill can be done to prepare for its consideration by next year's session.

Proposed EIS Workshop - The State Department of Personnel Services in cooperation with OEQC will be sponsoring a 2 1/2 day workshop on Environmental Impact Statements. The workshop is scheduled for May 30, 31, and June 1 at the Coral Ballroom of the Hilton Hawaiian Village. This workshop is especially designed for governmental agencies and private individuals involved in the preparation and review of EISs. Speakers representing all levels of government, representatives from private industries and civic organizations have been invited. More information on the workshop will be provided in the next newsletter.

ANTICIPATED DRAFT EIS

Keel Golf Course (Kona), Lanakila Health Center (new building), Honolulu District Court (relocation), Sand Island State Park, Kahaluu Flood Control Project, and Kaneohe Civic Center (site selection).

EIS REGISTER

Draft Environmental Impact Statements

<u>Project Name - Expending or Initiating Agency</u>	<u>Location</u>	<u>Description</u>	<u>Suspense Date</u>
1. <u>Flood Control for the Waikae Uka Area - Department of Public Works, County of Hawaii</u>	Hilo, Hawaii	The proposed project consists of a diversion of Palai Stream into Four Mile Creek, a channel to carry the combined flows of the Palai Stream and the Four Mile Creek, a detention dam and injection wells would provide flood protection for the low density residential area at South Hilo.	4/24
2. <u>Mililani Kai Elementary School - Department of Accounting and General Services</u>	Mililani, Oahu	Site Selection Study for the proposed Mililani Kai Elementary School. The EIS was prepared for a specific site chosen for the proposed project.	5/4
*3. <u>Kalama-Uka Elementary School Site Selection - Department of Accounting and General Services</u>	Kalama Valley, Oahu	This proposed elementary school will relieve the projected overloading of Kamiloiki Elementary. The scope of the EIS evaluates two alternative sites and describes the environmental impacts of the recommended six-acre site adjacent to the Kalama Business Center.	5/5
*4. <u>Kaneohe Intermediate School Site Selection - Department of Accounting and General Services</u>	Kaneohe, Oahu	The proposed school may accommodate for both intermediate as well as high school students projected for the Windward side. The recommended site is located mauka of the Keapuka Subdivision in an area partially planted in banana fields.	5/5
*5. <u>Kihei Sewerage System - Department of Public Works, County of Maui</u>	Kihei, Maui	The proposed project provides for construction of a sewage collection system and waste-water reclamation plant for an area extending from Wailea northward to Kihei.	5/29

Final Environmental Impact Statement

No final environmental impact statement has been received by OEQC this week.

* New entry from last week.

Statements of Non-Impact

Project Name - Expanding or
Initiating Agency

Due Date for OECC's
Reply to the
Expanding Agency

Location

Description

<u>Project Name - Expanding or Initiating Agency</u>	<u>Location</u>	<u>Description</u>	<u>Due Date for OECC's Reply to the Expanding Agency</u>
*1. <u>Kauai Belt Road, Drainage Improvement at Anahole - Department of Transportation</u>	Dist. of Kauaihau, Kauai, .30 mile north of Anahola Post Office	This project consists of installing 1,290 feet of perforated underdrain pipes along the right (mauka) paved gutter with five (5) laterals extending beneath the pavement at various points and eight (8) cleanouts to facilitate maintenance of the system.	4/23
*2. <u>Kuhio Highway, Repairs to Wainiha Bridges No. 2 and No. 3, Kauai - Department of Transportation</u>	Dist. of Hanalei, Kauai, State Route 56 over Wainiha River	Replace existing timber members with new treated timber. If funds available, clean and paint structural steel members.	4/23
*3. <u>Drainage Improvements at Kona and Kehala, Hawaii (Routes II and 270) - Department of Transportation</u>	Along the Kawaihewa-Mahukona Road, County of Hawaii	The proposed improvements consist of construction of cutoff drainage ditches (200' x 4') at two locations and channelization (300' x 20') at the inlet end of a drainage culvert structure along the Kawaihewa-Mahukona Road.	con- 4/23
*4. <u>Hawaii Belt Road, Drainage Improvement at Kau - Department of Transportation</u>	Piikea Stream, Hilea Stream, Hawaii Belt Road, County of Hawaii	Piikea Stream - constructing a trapezoidal channel along the stream bed, 150' long x 40' wide. Purpose is to eliminate flooding over Hawaii Belt Road. Hilea Stream - constructing a grouted rubble lined ditch 100' in length. Purpose is to protect the highway embankment section from erosion.	4/23
*5. <u>Liliha-Puunui Drainage (Liliha Street to Waolani Stream) - Department of Public Works, City and County of Honolulu</u>	Liliha-Puunui area, Honolulu, Oahu	Consists of constructing 803 linear feet of pipes (54", 48", 18") 4 catch basins, 8 manholes and 33 linear feet of 6' x 2' box drain.	

Statement of Non-Impact

Due Date for OEQC's
Reply to the
Expanding Agency

Project Name - Expanding or
Initiating Agency

Location

Description

*6. Water Storage Reservoir,
Transmission Line, and
Access Road - Depart-
ment of Water Supply,
County of Hawaii

The proposed site is situated in the
Waiakea Forest Reserve. It will provide
water to the Hilo Town and Country
Estates (39 lots from Waiakea Uka
Springs). The project involves the con-
struction of a 20,000-gallon reinforced
concrete water reservoir, a 20-foot ease-
ment access road (2,200 feet long), and
the installation of an 8-inch iron ductile
water transmission line.

Waiakea, South
Hilo, Island of
Hawaii

4/26

*7. Kynnnersly Road Improv-
ments - Department of
Public Works, County
of Hawaii

North Kohala
Island of
Hawaii

4/23

Widening, resurfacing, and realigning of
Kynnnersly Road between Kaauhuhu Road and
Hawi Road to a 20' wide pavement.

Request for Exemption

*1. Roadway Resurfacing
Projects - Department
of Accounting and
General Services

Throughout the
State

Estimated occurrence is about 24 projects
per year. Consists of minor resurfacing
and spot construction for parking lots,
playcourts, roadways, etc. For D.A.G.S.
projects.

4/23