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68
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DIRECTOR

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JOYCE T. OMINI
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IN REPLY REFER TO:

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

OFC. OF ENVIRONMENTAL
QUALITY CONTROL

January 10, 1994

HAR-EM 1797.94

To: Brian J. J. Choy, Director
Office of Environmental Quality Control

From: *RJ* Rex D. Johnson
Director of Transportation *[Signature]*

Subject: NEGATIVE DECLARATION FOR VAPOR EXTRACTION SYSTEM AT
PIER 26, HONOLULU, HAWAII - JOB H. C. 1855

In accordance with Act 241, SLH 1992, we have completed the formal draft environmental assessment 30-day review period for the subject project. We have incorporated the comments received from you dated 11/29/93 and answered in our memorandum dated 12/8/93 into the Negative Declaration. We have enclosed four (4) copies of the Negative Declaration and an OEQC bulletin publication form for the subject project.

If you have any questions, please call August Perry or Kelly Sato at 587-1877.

Encs.

1994-02-08-0A-FEA-Pier 26 Vapor Extraction
System

FEB 8 1994

NEGATIVE DECLARATION FOR
VAPOR EXTRACTION SYSTEM AT PIER 26
HONOLULU, OAHU, HAWAII
JOB H. C. 1855

A. APPLICANT

Harbors Division, Department of Transportation

B. APPROVING AGENCY

Environmental Quality Commission
Department of Transportation

C. AGENCIES CONSULTED

Agencies informed of the project but were not consulted in the preparation of this Negative Declaration are:

State of Hawaii - Department of Health
- Office of Environmental Quality Control

D. GENERAL DESCRIPTION OF THE ACTION'S CHARACTERISTICS

1. Technical

Due to the high levels of methane and petroleum hydrocarbons discovered in the subsurface at Pier 26 at Honolulu Harbor, the State Department of Transportation, Harbors Division, proposes to install and operate a vapor treatment unit.

The proposed project will include: excavating trenches; disposing of excavated material; placing approximately 650 feet of perforated polyethylene and solid PVC piping; backfilling and reconstructing the pavement; furnishing, installing and placing into operation a vapor treatment system. The vapor treatment unit will extract and destroy volatile organic compounds from the petroleum contaminated soils, such as methane and petroleum hydrocarbons.

The construction contract will require the contractor to dispose of all excavated materials not designated for backfill. The quantity of excess material will be very small, approximately 20 cubic yards. The contractor will stockpile, berm, and cover all materials on an impermeable barrier for containment. The contractor will test the material for contaminant levels to assure acceptance at the recipient's landfill. If the contaminant levels are above the landfill acceptance criteria, the Department will take the necessary steps to remediate the material.

The excavation work on this project will be above the ground water table and therefore, there will be no requirement to dispose of ground water.

2. Economic

The project will serve to improve the current site conditions by removing potential hazards that now exist at the site.

The contractor's work schedule will be coordinated with the harbor users to minimize interference with vessels using the piers and cargo handling activities.

3. Environmental

The most significant potential environment impact related to the project is the localized increase in air pollutant emissions. However, the vapor treatment unit will have air pollution control devices, and ground level concentrations of pollutants resulting from these emissions will be minimal and not expected to exceed the NAAQS/SAAQS air standards. Thus, the project emissions will not have an adverse effect on public health or welfare, and will not cause any significant deterioration of existing air quality.

Operation of the vapor treatment unit will generate additional noise in the local area. However, the project will not affect noise-sensitive areas. In addition, the project will comply with applicable noise standards and ordinances.

During the construction of the vapor treatment unit, there will be a temporary increase in local traffic due to the delivery of equipment and construction materials and commuting construction workers.

Other environmental impacts associated with the project in the areas of biological resources, socioeconomic resources, land use, etc., will be negligible or nonexistent.

The removal of the volatile organic compounds from the petroleum contaminated soil will provide a safer environment for those people working at and passing by the harbor and no significant adverse environmental impacts should occur as a result of the project.

E. SUMMARY DESCRIPTION OF THE AFFECTED ENVIRONMENT

1. Location

The project site is located at Pier 26, Honolulu, Oahu, Hawaii.

2. Project Area Description

The adjacent properties are owned by the State of Hawaii.

3. Land Use Designation of Proposed Site

The State of Hawaii, Land Use Commission, designates the project site as Urban.

4. Site Description

The project site is located on the south side of Oahu at Pier 26, Honolulu, Oahu, Hawaii. The proposed area is approximately sized 100 feet by 150 feet at the northwest edge of the Pier 26 shed.

5. Infrastructure

a. Access: Street access to the project site is via Nimitz Highway.

b. Utilities: There are adequate water, telephone, sewer, and electrical facilities within the area. The project will not affect these facilities.

F. DISCUSSION OF THE ASSESSMENT PROCESS

Evaluation of the effects of the proposed project on the environment indicates that there will be no significant adverse effects on the environment. The proposed project will not:

1. Cause the permanent displacement of any persons;
2. Affect any rare, threatened or endangered plants, animals, or habitats;
3. Involve an irrevocable commitment to loss or destruction of any natural or cultural resources, except for the labor and materials related to the construction of this project;
4. Permanently curtail the beneficial uses of the environment;
5. Conflict with the State's long-term environmental policies, goals, or guidelines;
6. Permanently degrade the environmental quality; and
7. Alter the existing character of the land or its use.

Rather, the implementation of this project will have a beneficial effect on the general public and its environment.

G. IMPACTS AND ALTERNATIVES CONSIDERED

Potential alternatives to the proposed project include soil excavation, and "no project." The following discussion describes each alternative.

Soil excavation is not a feasible alternative to the proposed project. Soil excavation would increase the level of volatile organic compound emissions into the atmosphere and create a health problem to those in the nearby area.

The "no project" alternative, either postponement or abandonment of the project, would keep the site in its environmentally degrading state and pose future potential harm to those in the harbor area due to the explosive nature of the volatile organic compounds present.

Clearly, the alternatives discussed above are less attractive than the presently proposed project. The State Department of Transportation, Harbors Division, has determined that the proposed vapor treatment unit project is the best alternative to satisfy the projected near-term clean-up goals.

H. MITIGATION MEASURES

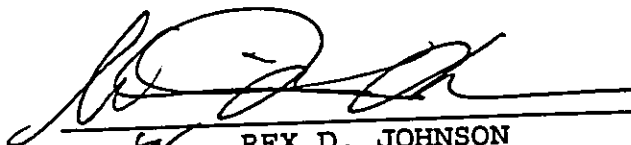
The contract specifications will require that an approved Site Health and Safety Plan be prepared and executed prior to and during construction. The Plan will require the contractor to comply with all aspects of 29 CFR 1910.120 Hazardous Waste Operations and Emergency Response, OSHA Construction Industry Standards 29 CFR 1926 Subpart O, and documentation of medical monitoring in accordance with 29 CFR 1910.120.

I. DETERMINATION

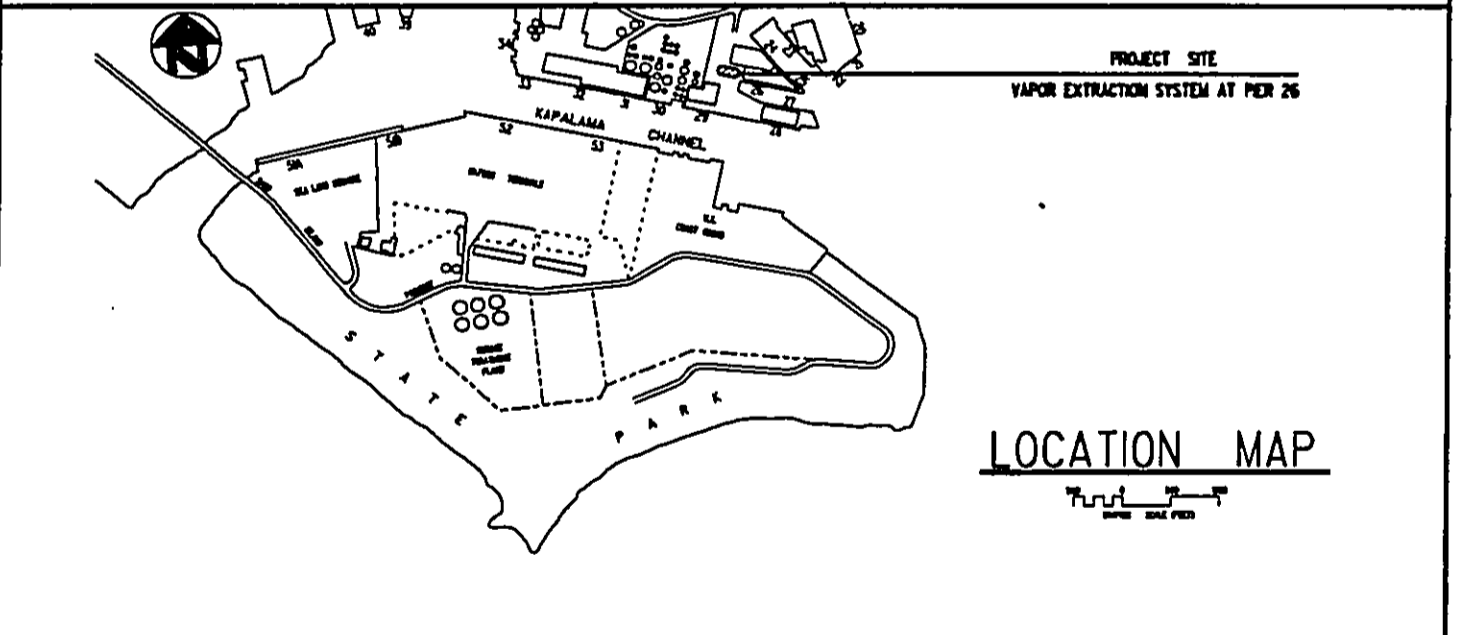
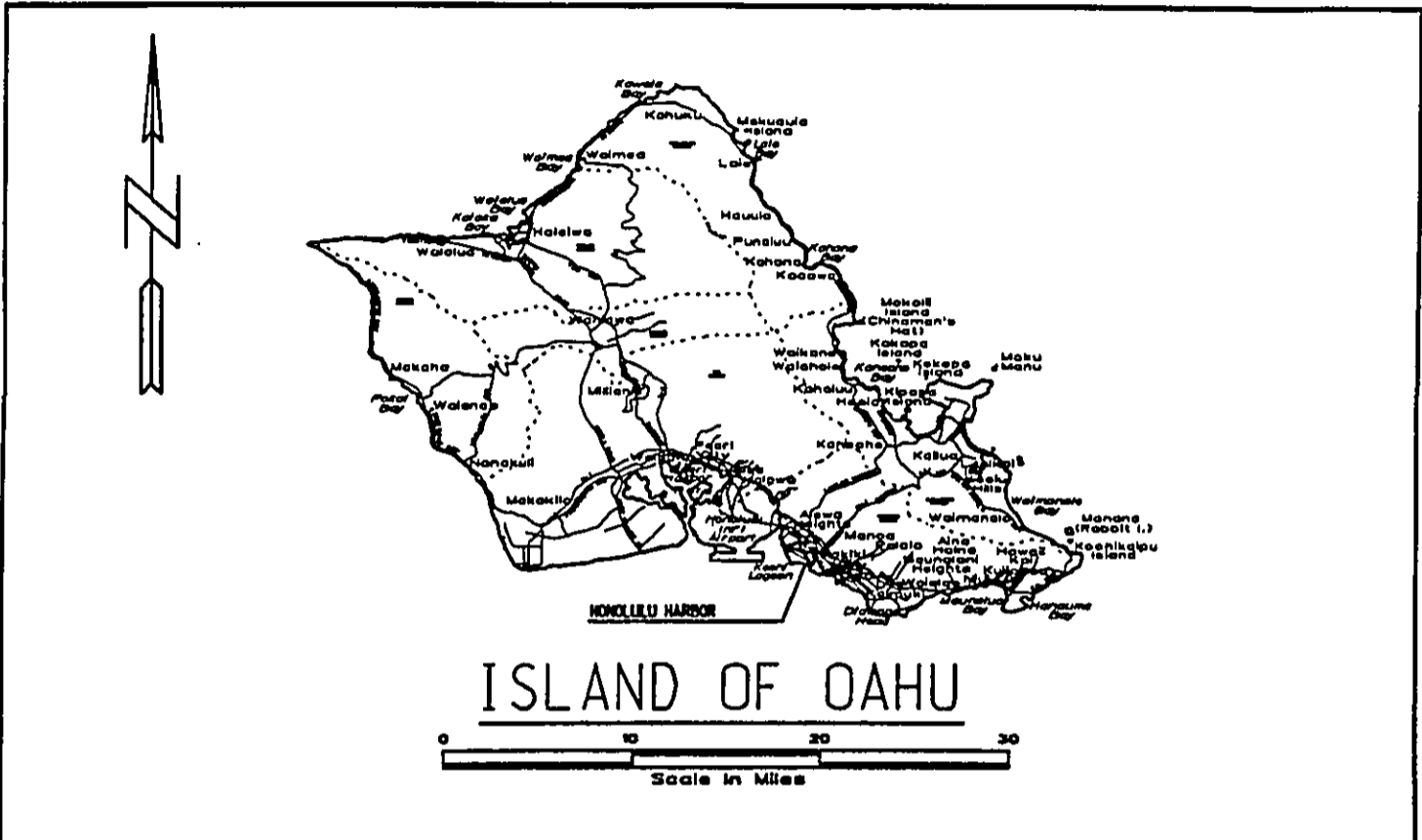
Since no major or significant adverse impacts are anticipated, costly detailed studies were considered inappropriate. Consequently, a determination has been made that an Environmental Impact Statement is not required.

J. REASONS

The reasons supporting the "no EIS" determination are outlined in Sections F and G of this Negative Declaration. Any adverse environmental impact resulting from this project has been determined temporary and insignificant.


for REX D. JOHNSON
Director of Transportation

1/12/94
Date



PURPOSE: VAPOR EXTRACTION SYSTEM AT PIER 26
 DATUM: 0.00 M.L.L.W.
 NAME OF ADJACENT PROPERTY OWNERS:
 1. STATE OF HAWAII

IN: HONOLULU HARBOR, COUNTY OF HONOLULU, STATE OF HAWAII
 APPLICATION BY: DEPARTMENT OF TRANSP., HARBORS DIVISION
 SHEET 1 OF 1