NOTICE OF DETERMINATION
CERTIFICATE OF FEE EXEMPTION

Substitute of Form C

To: Office of Planning and Research
1400 Tenth Street
Sacramento, CA 95814

From: Department of Toxic Substances Control
Office of Statewide Planning
Planning and Environmental Analysis Section
400 P Street, Room 4310
P.O. Box 806
Sacramento, CA 95812-0806

Project Title: Chevron Chemical Consolidation Area Closure Plan

State Clearinghouse Number: SCH # 93111001

Contact Person and Telephone: G.V. Madabhushi, (510) 540-3943

Project Location: 835 Castro Street, Richmond, Contra Costa County, CA 94804

Project Description: The Closure Plan allows an impervious cap to be constructed over the Consolidation Area Pond.

Date project approved: December 13, 1993

This Notice of Determination is filed in compliance with Section 21108 of the Public Resources Code. The Department of Toxic Substances Control (Department), as lead agency, has approved the above described project and the attached Negative Declaration, and has certified the attached finding of de minimis.

The Department has made the determination that the project will not have a significant effect on the environment.

A de minimis finding for this project is attached pursuant to Section 711.4 of the Fish and Game Code, Section 21089 of the Public Resources Code, and Section 753.5 of Title 14 of the California Code of Regulations.

The attached Negative Declaration was prepared for this project pursuant to the provisions of CEQA.

A copy of this Negative Declaration may be examined at the above address of the Department of Toxic Substances Control.

Signature: Charlene F. Williams
Charlene F. Williams, Acting Chief

Date: December 13, 1993

Date received for filing at OPR:

Revised by DTSC, PEAS 2/22/93
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DE MINIMIS IMPACT FINDING
FOR
DRAFT CLOSURE PLAN OF CONSOLIDATION AREA
INTEGRATED WASTEWATER POND SYSTEM
CHEVRON CHEMICAL COMPANY

Project Proponent:

Chevron Chemical Company
6001 Bollinger Canyon Road, Bldg. T
San Ramon, California 94583
Contact: Lorne Zipursky, (510) 842-5658

Project Description:

The project is the closure of a surface impoundment called The Consolidation Area, which constituted a portion of the Integrated Wastewater Pond System (IWPS) at Chevron's Richmond facility. The portion of the IWPS which is not covered by the closure plan is in operation and has interim status, even though it no longer manages hazardous waste. The Consolidation Area is approximately 4.5 acres in area and is filled with approximately 100,000 cubic yards of pond bottom materials contaminated with arsenic and pesticides that were removed from other areas within the IWPS. It is covered with 20 mil PVC and a layer of 60 mil High Density Polyethylene (HDPE) membranes. The fill rises eight feet above surrounding grade preventing surface water run-on. A 20 mil PVC membrane was originally placed in the bottom of the unit to separate the underlying soils from the imported fill materials from other ponds. It is not considered to be an effective liner.

The IWPS has a comprehensive containment system comprised of both natural and man-made features, that will serve to protect the environment from any potential releases from the unit. These features include a hydraulic control system (HCS) for lateral containment, the low permeability Bay Mud which underlies the site, and a natural upward hydraulic gradient for vertical containment.

The HCS consists of a containment wall (either an ASPEMIX wall or a slurry wall) and a groundwater extraction trench. Slotted drain pipes installed near the bottom of the trench collect and convey groundwater to sumps spaced at intervals of 500 feet or less along the trench. The trench intercepts the "A" zone and creates a hydraulic barrier that prevents groundwater from migrating beyond the barrier wall system. This condition, in addition to the natural upward flow of groundwater from the "C" zone, prevents migration of contaminants from the confined area of the IWPS.

The final cover for the Consolidation Area is designed in accordance with the closure performance standards of 22CCR 66265.111. The cover system to be constructed will consist of a composite barrier layer, a synthetic drainage layer, a synthetic biotic barrier layer, and a vegetative cover, and will utilize the site-wide hydraulic control system. Run-off from the cover will be collected in a perimeter ditch lined with HDPE for ultimate discharge to Castro Creek. Thus, there is no possibility of contamination of soil, air and water from the project construction.

Initial Study Information:

The initial study has been conducted by the Department to evaluate the possibility of significant effect. A copy of the initial study and checklist are attached.

Declaration of No Evidence of Potential Adverse Effect:

When considering the initial study and the operation record, there is no evidence before the Department that the proposed project will have potential

for an adverse effect on wildlife resources or the habitat upon which the wildlife depends.

Declaration of Rebutment of Presumption:

The Department has, on the basis of substantial evidence, rebutted the presumption of adverse effect contained in Section 753.5(d), Title 14 of the California Code of Regulations.

Certification:

The Department of Toxic Substances Control certifies that it, as lead agency, has made the above findings of fact and that based upon the initial study and upon the record, the project will not individually or cumulatively have an adverse effect on wildlife resources, as defined in Section 711-2 of the Fish and Game Code. Signature verifying this certification is attached.

Signature D S Murphy Date 9/28/93
Branch Chief

Revised 5/17/93 by DTSC/PEAS
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