

1. Introduction

1.1 Background

The Kapolei Area, located in the Ewa Plain, is rapidly becoming the second largest urban area on the Island of Oahu. Home to almost 70,000 people, the Kapolei Area is developing into a self-contained community with centers of retail, commercial and industrial enterprises, resorts, churches, schools and planned community housing projects.

The Ewa Plain is also home to the largest industrial park in the State of Hawaii, the James Campbell Industrial Park (CIP or “the Park”). CIP and nearby Kapolei Business Park (KBP) is composed of many diversified businesses, which provide a significant portion of the infrastructure for the Island of Oahu and the State. Businesses in CIP and KBP provide vital services to the State of Hawaii and its residents, including a wide range of manufacturing, import/export, power generation, construction, and waste management industries. CIP provides 100% of the Hawaii's oil refining, most of the State's gas manufacturing (propane and synthetic natural gas), 40% of Oahu's electrical generation, and many other vital services needed for the everyday lives of the people of Hawaii. CIP and KBP also provide approximately 4,000 jobs. Many of these individuals live in nearby communities.

Many businesses in CIP and KBP depend upon neighboring facilities for fuel, raw materials, waste disposal, and shipping. This interdependency reduces transportation costs and the associated environmental risks. The nearby Barbers Point Harbor and Interstate Highway H-1 provide accessibility for commodity flow throughout the Hawaiian Islands and beyond. Underground pipelines provide an additional transportation corridor for refined oil and gas products to Oahu's major port facilities in Honolulu.

As with most industrial and commercial operations, hazardous materials, including flammable and toxic liquids and gases, are present as raw materials, by-products, intermediates and finished products. Many of these materials are used throughout Hawaii in the form of fuels, water treatment chemicals, solvents and other industrial and consumer products. The concentration of hazardous chemicals in CIP and their proximity to a rapidly growing community provide a compelling need for analysis of the potential vulnerabilities and emergency preparedness that specifically addresses the local area needs.

1.2 Campbell Local Emergency Action Network

As a result of a proposal by the area's State Assembly Representative, a group of concerned businesses, local government officials, and other individuals have formed an organization, known as the Campbell Local Emergency Action Network (C.L.E.A.N.), to promote emergency preparedness issues, including public safety and health. C.L.E.A.N. is a non-profit organization that is funded by donations from private businesses. Its goals include emergency preparedness, public safety and health, community education and

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public notification. C.L.E.A.N. is working with representatives from the State Department of Health, the Honolulu Department of Emergency Management (DEM), the Honolulu Police Department, the Honolulu Fire Department and other government officials to forward their goals of emergency preparedness and public protection. This Emergency Resources Guide (“the Guide”) is a result of their efforts.

C.L.E.A.N. members are available to provide presentations and written information on emergency preparedness to groups and organizations throughout the Ewa Plain. To learn more about C.L.E.A.N. or to join the organization, contact C.L.E.A.N.’s Secretary, at www.cleanhawaii.org, or P.O. Box 700397, Kapolei, HI 96709-0397, or contact the [CIP Compliance Coordinator](#) at the numbers listed in [Volume II, Section 5, Directory](#).

1.3 Emergency Preparedness Goals

Because an emergency is an unplanned event, it is important that businesses have an emergency plan in place to offset and manage some of the emergency’s disastrous effects. Emergency management is a dynamic process that involves preparing for, mitigating, responding to, and recovering from an emergency. Components of emergency management include preparedness, training, conducting practice drills, testing equipment, and coordinating activities with the community. One objective of this Emergency Resources Guide is to assist businesses in the Campbell Industrial Park and the surrounding community to achieve the following emergency preparedness goals:

- ◆ Fulfill their moral obligation to protect employees, the community and the environment.
- ◆ Facilitate compliance with regulatory requirements of federal, state and local agencies.
- ◆ Enhance the community and companies’ ability to recover from the consequential damages of an emergency.

1.4 Authority

The City and County of Honolulu has developed a comprehensive emergency operations plan under the authority of federal, state and local laws and regulations through the Honolulu DEM. The City and County of Honolulu, Emergency Operations Plan provides a complete description of the organization, resources and procedures available through the City and County government in the event of a disaster. Local businesses are subject to the regulatory requirements for emergency planning under federal and state agencies, including the Environmental Protection Agency (EPA), the Department of Transportation, and the Hawaii Occupational Safety and Health Division (HIOSH).

Nothing in this Guide is intended to replace or reduce the responsibilities or authorities of employers, government, other groups or individuals who may have legal requirements for emergency planning under federal, state or local regulations.

The Guide was developed under authorization of the Campbell Local Emergency Action Network and with the assistance and cooperation of industry and State, City and County emergency response agencies, including the Honolulu Department of Emergency Management Agency, the Honolulu Fire Department, Emergency Medical Services, the Honolulu Police Department, and the State Department of Health. It provides

supplemental information that will assist agencies and businesses in further development of their specific emergency operations plans for the Campbell Industrial Park and the surrounding areas.

1.5 Purpose

The Campbell Industrial Park and KBP provide a favorable location for business and industry. The large concentration of businesses in and around the Parks provides unique opportunities and challenges in emergency preparedness and response. The Guide provides supplemental guidance and information to emergency response personnel, local residents, and businesses based on the specific conditions in and around CIP. The Guide's intent is to improve the effectiveness of existing response resources and to improve community alert and emergency notification by providing information about the Park, its residents and specific hazards associated with CIP.

1.6 Situation and Assumptions

Emergencies stemming from man-made hazards and natural causes may occur at any time and at any location in and around CIP. The Campbell Industrial Park and Kapolei Business Park contains a large variety of businesses and facilities. Over 200 separate occupants, many of whom use hazardous materials, have been identified and contacted in the process of preparing this Guide. [Volume II, Section 2, Map 3-1, Business Locator Map](#), provides a map key that shows the locations of the businesses that occupy CIP and KBP. [Volume II, Section 4, Business Profiles](#), provides a brief business profile for each business. Some major businesses within CIP include:

- ◆ Refineries
- ◆ Plastics Manufacturers
- ◆ Industrial and Medical Gases Providers
- ◆ Storage and Warehouses
- ◆ Power Generation
- ◆ Waste Handling
- ◆ Wood Products Sellers
- ◆ Machinery Distributors
- ◆ Construction Services
- ◆ Concrete Products Manufacturers
- ◆ Dry Goods Distributors
- ◆ Agricultural Sales and Services
- ◆ Hazardous Materials Transportation
- ◆ Food Products Distributors

Large releases of toxic chemicals, whether in CIP, on the highway, or at other locations on Oahu, have the potential to travel several miles downwind. Regulations developed by HIOSH and the EPA, and local codes and standards provide several layers of protection from accidental chemical releases. Companies who handle the most hazardous chemicals must develop maintenance, inspection, engineering and safety programs to ensure that releases do not occur. Government agencies inspect facilities to ensure that safety programs are in place and effective. C.L.E.A.N. works with government agencies to improve emergency planning by sponsoring training activities, providing information on known chemical hazards in the Park and by distribution of this Emergency Resource Guide.

Several of the businesses in CIP handle certain toxic substances regulated under EPA's Risk Management Program. Additional information about these facilities and their

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release prevention programs is available in the Federal Reading Room at U.S. EPA Pacific Islands Contact Office, PJKK Federal Building, 300 Ala Moana Boulevard, Honolulu, Hawaii. Appointments are made by telephone at 541-2710.

The Guide assumes that the severity of natural emergencies will be based upon publicly available information about the Barbers Point area. Natural disasters including hurricanes, tsunamis, seismic activity, and floods, are assumed to have the potential for widespread flooding, wind damage, and/or the disruption of power, utilities, communications and other critical services.

1.7 Instructions on Guide Use

1.7.1 Guide Overview

The Guide has been prepared to provide businesses and individuals with basic guidance for emergency preparedness and response. It provides a general guidance for the types of hazards that could result in an emergency emanating from CIP or the types of natural emergencies that could affect CIP and the surrounding area. An overview of the emergency response organizations in place to provide protection for the occupants of CIP and the surrounding community is also included.

The Guide also provides some basic precautions and steps that individuals and businesses can do to prevent, prepare for, and deal with an emergency. *It is important to note that all potential scenarios have not been identified, but methods recommended by the EPA and other government agencies were used to arrive at the information needed for emergency response planning.* The checklists provided apply to other scenarios that could occur in the event of a hazardous materials release from CIP, releases during transit to or from industrial areas, and anywhere natural disasters may strike.

1.7.2 Guide Distribution

The Guide is intended to provide information to the public, to the occupants of CIP, and to response agencies that will enhance the effectiveness of existing plans and procedures. Distribution of the Guide includes the following groups:

- ◆ Honolulu Fire Department
- ◆ Honolulu Police Department
- ◆ Mayor's Office
- ◆ Area Schools
- ◆ Neighborhood Board Chairperson
- ◆ Area Association Presidents
- ◆ Honolulu DEM
- ◆ Department of Health
- ◆ Businesses in CIP
- ◆ Local Government Representatives
- ◆ Area Churches
- ◆ Appropriate Medical Facilities
- ◆ Emergency Medical Service
- ◆ State Civil Defense

1.7.3 Expectations

Businesses and agencies have legal responsibilities for prevention, emergency planning and emergency response to protect the public, the environment and their employees. This Guide is based on the expectation that the information provided would be used by CIP businesses, agencies, and the public to advance their emergency planning goals. Refer to [Section 1.3, Emergency Preparedness Goals](#). The public also has an important responsibility for emergency preparedness. Prompt and accurate reporting of emergencies, orderly evacuation (when ordered), and cooperation with local officials in educational programs are critical to the overall effectiveness of community emergency preparedness. It is anticipated that industry, government agencies, and the public will find the information contained in the Guide helpful in their individual preparations for emergencies and provide a better understanding of the potential hazards associated with the industries contained in CIP.

Your comments and suggestions to improving the Guide are welcome. Please submit your comments to the President of C.L.E.A.N., at www.cleahawaii.com , or P.O. Box 700397, Kapolei, HI 96709-0397

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