

US EPA ARCHIVE DOCUMENT



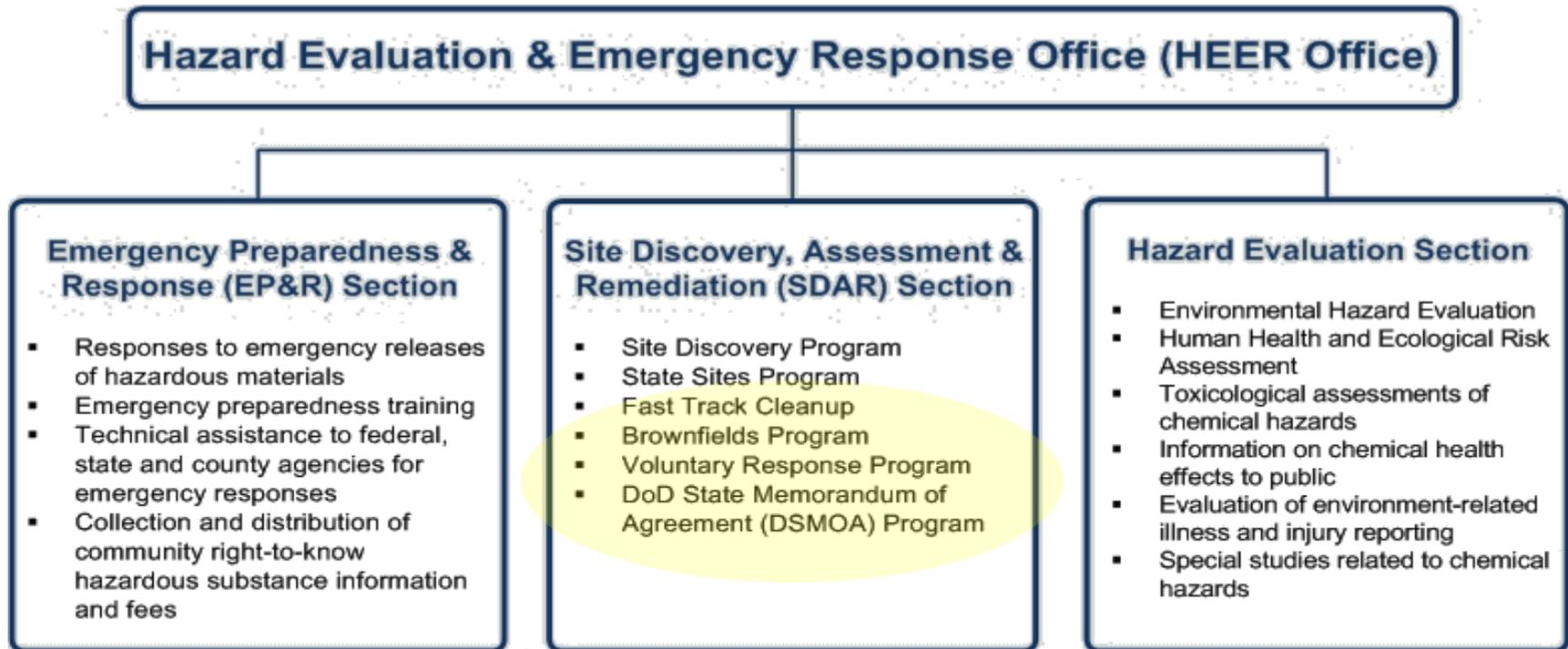
State Programs & Resources

Department of Health – HEER Office

Department of Business, Economic
Development & Tourism

Hawaii Department of Health

Hazard Evaluation and Emergency Response Office (HEER)



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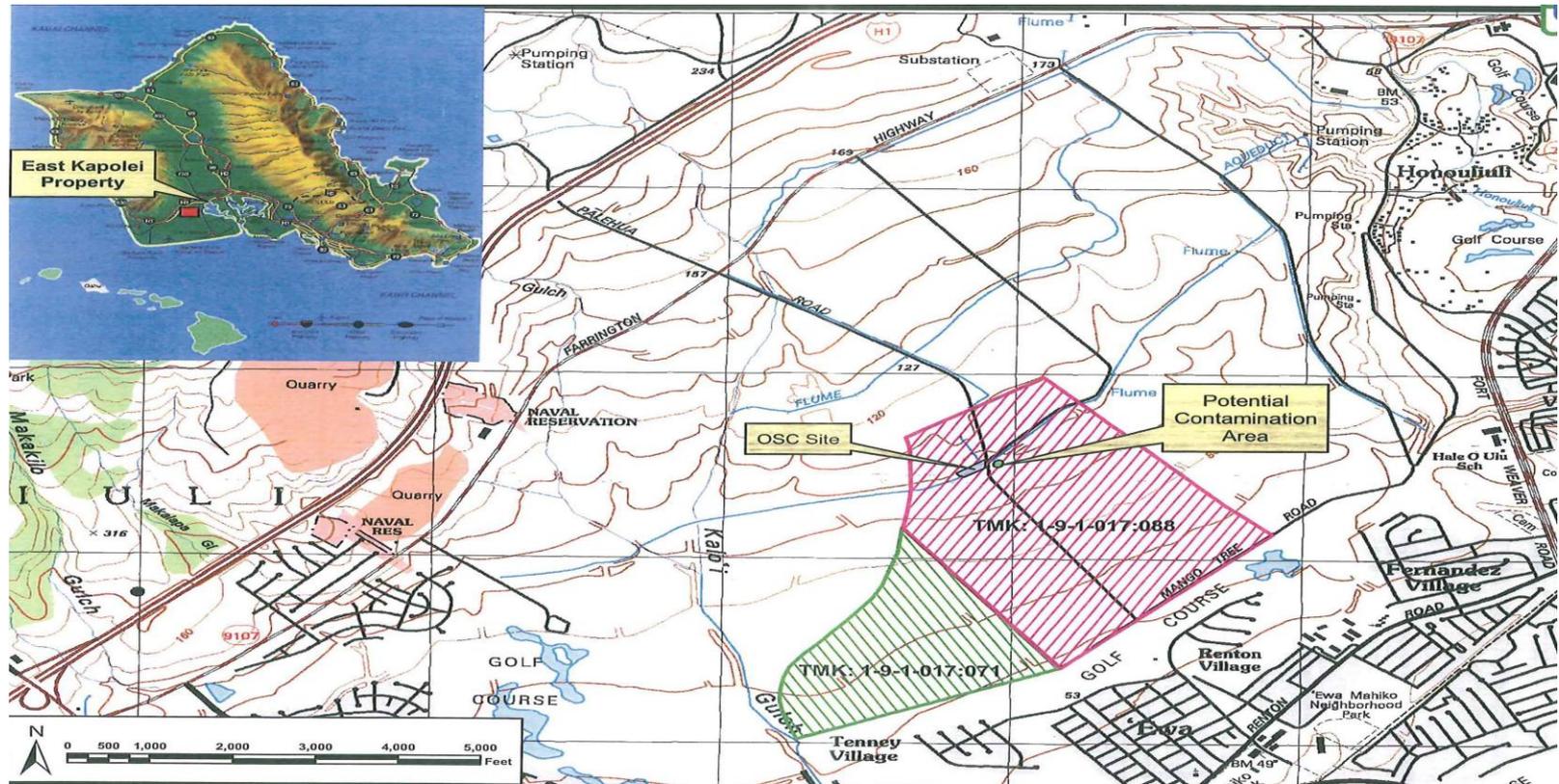


Brownfields Program

- Oversight of site assessment and cleanup of Brownfields site
- Technical assistance to Brownfields developers regarding assessment and cleanup options
- Support for non-profit, state and county agencies in applying for EPA Brownfields grants and HUD grants
- Coordinates with different government agencies in developing Brownfields inventory
- Liability Relief – VRP and the BFPP Law



Success Story: DHHL/DBEDT/DOH Brownfields Project



EAST KAPOLEI II DEVELOPMENT

Land Ownership

- 1953 to 1970 = owned by Estate of James Campbell and leased by Ewa Sugar
- 1970 to 1994 = leased by Oahu Sugar Co., Ltd. (Amfac) Sugar operations ended in 1994
- 1994- 2009 = State of Hawaii (DLNR) acquired the land through condemnation, couldn't avoid acquiring the liability
- February 2009 - land ownership was transferred from DLNR to DHHL

Success Story :

DHHL/DBEDT/DOH Brownfields Project

- Partnership with the following government agencies
 - DLNR, current owner at the time of investigation
 - DHHL, prospective owner
 - DBEDT, Brownfields Pilot Assessment Grant
 - U.S. EPA, Targeted Brownfields Grant

Success Story :

DHHL/DBEDT/DOH Brownfields Project

- 2005 – AMEC conducted Phase I Site Assessment for the Agricultural land. Funded by DBEDT through their Brownfields Pilot Assessment Grant.
- 2006 – Ecology and Environment, Inc. prepared Sampling and Analysis Plan for conducting Site investigation. Funded by EPA Targeted Brownfields Assessment Grant

Success Story :

DHHL/DBEDT/DOH Brownfields Project

- 2006 to 2007- SRP Grant 128a was used to investigate 400-acre former agricultural field using multi-incremental sampling technique.
- 2008- the agricultural field was determined to be suitable for residential development
- No Further Action Determination was issued

Success Story : DHHL/DBEDT/DOH Brownfields Project



Success Story : DHHL/DBEDT/DOH Brownfields Project



DHHL East Kapolei II Development—Kroc Center

Success Story in Progress: DOH Brownfields Project

East Kapolei Pesticide Mixing & Loading Facility

- **EPA-funded Site Investigations**

- 1999** PA/SI, soil sample result = 732 ppb TCDD (Total TEQ)
Site scored in HRS >28.5 but EPA didn't list in NPL; site became a State site
- 2000** REAC EPA Site Assessment, highest TCDD (total TEQ) was 333 PPB
- 2004** Phase I Site Assessment, funded by DBEDT Pilot Brownfields Assessment Grant
- 2006** Sampling & Analysis Plan, funded by EPA Targeted Brownfields Assessment Program

Success Story in Progress: DOH Brownfields Project

East Kapolei Pesticide Mixing & Loading Facility

2007 to 2008 – EPA Hawaii SRP Grant and DBEDT Brownfields Assessment Grant, the lateral and vertical extent of contamination was determined

- Remedial Alternative Analysis were prepared and remedy was selected

Success Story in Progress: DOH/DHHL/DBEDT Brownfields Project



Remediation in progress

East Kapolei Pesticide Mixing & Loading Facility

DHHL East Kapolei II Development



Cleanup Challenges

- Approx. 43% of the land in Hawaii is owned by the State. State leased the land to operators that contaminated the property and filed for bankruptcy.
- 2006 to 2008 - Land transfer and cleanup responsibility dispute
- 2007 to 2008 – Capping costs exceed DLNR funding.
- Late 2008 – Ewa Neighborhood Board raises historic preservation concerns

Brownfields Success

- Thanks to EPA, DBEDT BCRLF, and DHHL partnership for the success of this project. The site was fully investigated, remedy was selected with extensive community involvement with anticipated completion of remedial action in 2013.

Other Success Stories in Hawaii



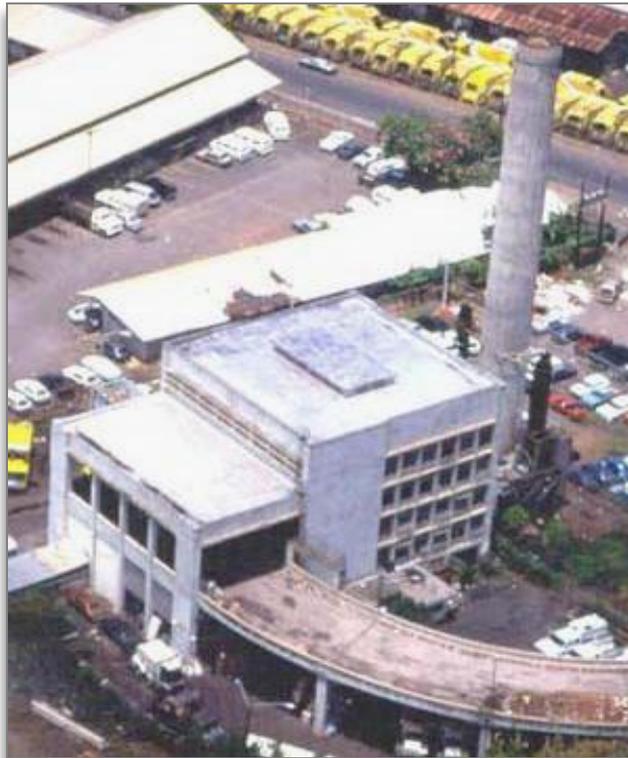
Former municipal dump & landfill



Kakaako Waterfront Park

Other Success Stories in Hawaii

Former
City solid
waste
incinerator



1998—Renovation & expansion to
world-class children's museum

Hawaii Children's Discovery Center, Kakaako

Other Success Stories in Hawaii

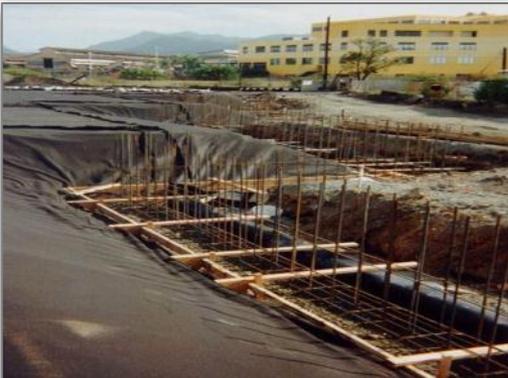


Former warehouse & distribution center, animal quarantine facility



UH John A. Burns School of Medicine, Kakaako

Other Success Stories in Hawaii



Photos: GeoSyntec Consultants



Home Depot, Iwilei

Contact Information

DOH Brownfields Program Website

<http://hawaii.gov/health/environmental/hazard/brownfields.html>

State of Hawaii Brownfields Program

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HBCRLF Cleanup Loans

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