

## History of community support for agriculture

Assist private businesses and individual farmers to ensure the continuation of agriculture as an important source of income and employment.

City & County of Honolulu General Plan, 1977

Support agricultural diversification and preserve sufficient agricultural land in Central Oahu to ensure the continuation of sugar and pineapple as viable industries.

City & County of Honolulu General Plan, 1977

Growth needs to be controlled to prevent an undesirable spreading of development into open-space areas surrounding Wahiawa Town.

Wahiawa Town Master Plan, 1994

## Whitmore Project Timeline



Partnerships Who do we partner with?



Land Owner and Project Coordinator Agribusiness Development Corporation

# 1993 Initial Planned Development for Galbraith Option A



Galbraith Trust Estate, Wahiawa Lands Development Final EIS, April 1993

# 1993 Initial Planned Development for Galbraith, Option B



Galbraith Trust Estate, Wahiawa Lands Development Final EIS, April 1993

#### **Purchase of the Galbraith Estate**



## **TOTAL: \$25.5 MILLION**

State of Hawaii + \$13 million

U.S. Army + \$4.5 million

City and County Clean Water & Natural Lands

+ \$4 million

Office of Hawaiian Affairs

+ \$3 million

Private Donation via Trust for Public Land + \$1 million The fading of the sugar and pineapple industries has left the ag industry limping. Local people lost their jobs and active farmlands became inactive. To address these issues and challenges, the State established in 1994 the Agribusiness Development Corporation(ADC).

The agency's main goals per HRS 163D are to:

- + Help with the transition of former plantation lands and water systems to diversify our ag industry.
- + Initiate the development and support of ag facilities to assist our farmers.
- + Provide solutions to issues facing our ag industry.

## What is ADC's Role and How does the Whitmore Project Work?

<b>1</b> Long-term lease options	<b>2</b> Rent credit (enhanced use lease)	<b>3</b> Decrease transportation and shipping due to centralized location	<b>4</b> Retrofit existing facilities to comply with the handling, preparation, and storage
5 Converting arable land into active land and achieving scale and diversity of	<b>6</b> Providing co- op opportunities to leverage the high cost of equipment and supplies	7 Providing workforce housing	<b>8</b> Engaging in Public-Private Partnerships

#### Former Galbraith and Dole Lands



- + **Farmland:** 1,200 acres leased to farmers from the Agribusiness Development Corporation. Soon, the Agribusiness Development Corporation will own nearly 4,000 acres of agricultural land in Central Oahu.
- + Office of Hawaiian Affairs: 500 acres of farmland owned by OHA
- + Agricultural Hub: Ag-Industrial Park will include food safety, packaging and processing facilities, and office space.
- + **Warehouse:** Formally the Tamura's Warehouse, this structure will be retrofitted for into a value-added product development center.

Proving Water for Agriculture Galbraith Irrigation System Wastewater Reclamation System

### Agribusiness Development Corporation Galbraith Irrigation System





- Future development of the GAL require an estimated 5.1 MGD of irrigation water to support diversified agriculture;
- Future upgrades include construction of (3) reservoirs (2 X 3 MGD and a 10 MGD) and tapping alternative water resources;
- Identified (3) potential alternative water resources near the GAL, the Wahiawa Ditch Irrigation System, Wahiawa Wastewater Treatment Plant, and Lake Wilson;
- Acquired a 257-acre parcel, identified as TMK 7-1-02-04 which has direct access to Lake Wilson's surface water;
- Received \$2.5 million to design a new wastewater reclaimed water irrigation system at WWTP to capture the R-1 quality outfall;
- Negotiating the purchase of a 73.44-acre parcel, identified as TMK 6-5-02-01, which abuts the Wahiawa Ditch Irrigation System;
- Total estimated cost for future upgrades: \$30,000,000 to \$35,000,000.

## Dept. of Environmental Services Wastewater Reclamation System

- + Built in 1928
- + Produces R-1 quality water, but requires a backup disposal system
- Discharges approximately 1.6 million mgd into Lake Wilson
- Divert R-1 water to farmers on ADC lands in Central Oahu
- + R-1 water can be used for all agricultural irrigation

### Dept. of Environmental Services Wastewater Reclamation System



Creating a Agricultural Hub with a Wahiawa Sense of Place Ag-Tech Applications and Equipment Pineapple Crate Pedestrian Bridge

#### Central Oahu Watershed Management Plan

The Honolulu Board of Water Supply (BWS) has begun the development of the districtwide Central Oahu Watershed Management Plan (COWMP). This will be one of eight district water management plans that will comprise the Oahu Water Management Plan.

#### Goal

The overall goal of the COWMP is to formulate an environmentally holistic, communitybased, and economically viable watershed management plan that will provide a balance between:

1. the preservation and management of Oahu's watersheds, and

sustainable ground water and surface water use and development to serve present users and future generations.





**Board of Water Supply** 

DEPARTMENT OF PLANNING AND PERMITTING CITY AND COUNTY HARTS, Mayor



While every attempt has been made to assure the accuracy of the information presented in these files, they are not the official version of the pina as filed with the Office of the City Clefk, City and County of Honolulu, 539 South King Street, Room 203, Honolulu, Hawaii 96813, phone (808) 768-3810.

DECEMBER 2002

CENTRAL OAHU

SUSTAINABLE COMMUNITIES PLAN

**Department of Planning and Permitting** 

#### Sense of Place Wahiawa Urban Design Plan



CITY AND COUNTY OF HONOLULU PLANNING DEPARTMENT

PREPARED BY: WILSON OKAMOTO & A33OCIATES, INC. HONOLULU, HAWAII



**JANUARY 1998** 



## WAHIAWA COMMERCIAL DESIGN GUIDELINES



### Sense of Place Wahiawa Urban Design Plan













#### **FOOD SAFETY**

- + Processing & Packaging
- + Co-op opportunities
  - + Shared facilities reduced operational cost
- + Manufacturing Assistance Program Grant

## **Community and Non-Profit Organizations Pineapple Crate**





Co-working space for the tech and agriculture industry:

- + Application development
- + Meeting rooms
- + Promotion of state-of-the-art farming practices
- + Marketing efficacy and efficiency
- + Office equipment



## Dept. of Transportation Wahiawa Pedestrian Bridge



- Creating a connection between Whitmore Village and Wahiawa
- Replicate the Wahiawa Train Bridge
- Pedestrian and bike access only



Supporting Local Businesses - Foreign Trade Zone - Enterprise Zone

#### Dept. of Business, Economic Development, and Tourism Foreign Trade Zone



## Job Creation:

 FTZs provide a competitive advantage for U.S.-based manufacturing and distribution operations. As a result, jobs that otherwise might be located overseas are created and retained in the United States.



#### Dept. of Business, Economic Development, and Tourism Enterprise Zone Program





#### State of Hawaii Benefits:

- + 7-year program; businesses engaged in manufacturing and agricultural businesses may extend incentives for an additional three years
- + 100% exemption from the General Excise Tax
- 80% non-refundable State income tax credit the first year. Non-refundable credit decreases
   10% each year
- + Non-refundable income tax credit equal to 80% of annual Unemployment Insurance premiums the first year. Non-refundable credit decreases 10% each year

#### Honolulu County Benefits:

- + Two-year exemption from any increase in property taxes resulting from new construction
- + Waiver of building and grading permit fees

Education and Workforce Development Dept. of Education

#### Dept. of Education Workforce Readiness and Licensing





## Align curriculum to workforce readiness at Leilehua Complex:

- + Industry Training/Licensing
- + Mechanics
- + Food Safety Technicians
- + Engineers
- + Food Innovation

"Through the guidance of Leilehua High School's Agricultural Learning Center, the Leilehua Complex integrates Agriculture and STEM to prepare students and families for Project Whitmore. Looking to cement a K - 16 pipeline, we introduce and excite students and families about agriculture in elementary school, deepen interest in middle school, teach fundamental skills in high school and are currently working to solidify a pathway to college. Establishing partnerships with the Hawaii Agriculture Foundation, Kokua Foundation, Wahiawa Fresh, Blue Zones Project Wahiawa, Hawaii Farm to School Hui, and the Leilehua Alumni and Community Association, we are able to promote agriculture in a real world setting and make learning relevant."

Grant Toyooka Leilehua Complex Resource Manager Creating Local Jobs, Supporting Product Development and Research Value-Added Products Troubleshooting Patents

## University of Hawaii Community Colleges Value-Added Product Development Center





# UNIVERSITY of HAWAI'I\*

#### Curriculum to teach

- + Assist with product development
- + Offer one-on-one consulting to farmers and food companies
- + Assist with identifying, testing, and selecting appropriate packaging
- + Offer shelf life testing
- + Provide classes and training



### **College of Tropical Agriculture and Human Resources** Value-Added Products and Research



## **COOPERATIVE EXTENSION**

COLLEGE OF TROPICAL ÁGRICULTURE AND HUMAN RESOURCES UNIVERSITY OF HAWAI'I AT MANOA



- Niche crops are the most sought after and revenue generating crops. Within every town in Hawaii there is a microclimate that certain niche crops thrive in.
- + If every rural town had one crop, the State could create destinations for ag-tourism and bring visitors to the islands.



- + Farmers are looking for methods to protect their crops, create new varieties, and patent their technology
- Research done by the College of Tropical Agriculture and Human Resources can help reduce pests and create efficiencies in farming

Support from Local Farmers Sugarland Farms Ho Farms Twin Bridge Farms

## Sugarland Farms Larry Jefts









## Ho Farms Neil and Shin Ho







**hofarmshawaii** Wahiawa, Hawaii



### Twin Bridge Farms Milton and Lavina Agader





"One of the main things that overshadow everything else is the land. How do we hold on to ag land? Secondly, access to water. How do you access water at an affordable rate?"

Milton Agader Twin Bridge Farms

## Progress Completed, Pending, and Continuing Tasks



- 11	August 31, 2012
- H.	Mr. James J. Nakatani
	Executive Director SEP - 4 2012
	Agribusiness Developement Corporation
	235 Beretania Street, Room 205
	Honolulu, Hawaii 96813
	Subject: Whitmore Land for State Agricultural Park program
	TMK: (1) 7-1-002-099:000
	Approximately 24 acres
	Dear Mr. Nakatani:
	This letter follows up on your letter of intent dated July 6, 2012, and related meetings
	with Beverly Kaku and Carleton Ching of Castle & Cooke in respect of the 24 acre
	Whitmore parcel.
	Castle & Cooke is very interested in working with the Agribusiness Development
	Corporation (ADC) to promote diversified agriculture programs in the State of Hawaii.
	Castle & Cooke is historically one of Hawaii's major land owners, and we have served
	the needs of Hawaii's residents through balanced stewardship of our land assets. This includes the promotion of diversified agriculture as one of our historical, core
	businesses, as well as providing new homes and commercial amenities for Hawaii
	families, and pursuing renewable energy programs that will reduce our dependence on
	foreign oil.
	As a basis for commencing open discussions for this potential land sale, Castle &
	Cooke would like to state and clarify certain related matters of importance for us:
	1. Coolle & Coole and Only Fund on
	<ol> <li>Castle &amp; Cooke and Dole Food Company are separate companies with separate concerning and pullicing. Dolution and pullicing.</li> </ol>
	corporate protocols and policies. Dole is a publicly traded company, and any
	related or unrelated transaction(s) involving Dole lands must be addressed
	separately through Dan Nellis and other appropriate Dole representatives.
	Cable & Owler (Breat) notation of the (Breat) substitution of Cable & Owler, Inc.
	change in county communities in the version is the intervention of Change in County inter-

diversified agriculture

Hawaii.

programs in the State of

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having great potential.

37



The 1,750-acre tract, one of the island's largest undeve George Galbraith, an Irish immigrant who acquired the Ownership of the one-time

Ho Farms shifting operations from Kahuku to Central Oahu

when the Dole Plantation closed in 1991. The Whitmore F

state Sen. Donovan Dela Cruz, is an ambitious attempt to

#### **Completed & Continuing Progress**



- + Purchase 1,700 acres of Galbraith Estate land
- + Purchase of Tamura Warehouse parcel
- + Purchase of 24-acre Castle & Cooke parcel
- + Purchase of 257-acre Dole Food Company, Inc. parcel
- + Public Use and Structure (Dept. of Planning and Permitting)
- + Public-Public Partnerships with:
  - + Hawaii Technology Development Corporation
  - + Hawaii Housing Finance Development Corporation
  - + Agribusiness Incubator Program
  - + Dept. of Education
  - + Wahiawa Community Based Development Organization
  - + Pineapple Create
- + Re-designation of Enterprise Zone
- + Transfer of Wilikina parcels to ADC
- + Transfer of Whitmore Village parcels from Hawaiian Home Lands to ADC



## Continuing

- + Execute Memorandum of Agreements with:
  - + City & County of Honolulu –Dept. of Environmental Services
  - + Office of Hawaiian Affairs
  - + Department of Transportation
- + Installing Pump-Storage Hydroelectricity
- + Designing, planning, and construction of Ag-Tech Park Master Plan
- + Designing and planning of pump/irrigation systems
- + Establishing Foreign Trade Zone
- + Purchasing available parcels from Dole Food Company, Inc. (or land exchange)
- + Construction for upgrades and improvements to the Galbraith Irrigation System
- + Hiring of CTAHR Extension Agent for Wahiawa
- + Hiring of ADC Property Manager for Central Oahu

## **Funding Received**

Dec. 2012	
\$25.5 million: Galbraith Estate	
Dec. 2012	٦
\$4.49 million: Tamura Warehouse	
Jan. 2013	٦
\$3.3 million: 24 acres from Castle & Cooke	)
Jun. 2014	٦
\$750,000: Plan and Design for Irrigation	J
Oct. 2014	
\$1.5 million: Plan and Design for the Whitmore Ag Tech Park	
Mar. 2015	٦
\$5.6 million: 257 acres from Dole Food Inc.	J
Sep. 2015	٦
\$2.5 million: Plan and Design for a Wastewater Reclaimed Irrigation System	
May 2016	٦
\$5 million: Construction of Galbraith Reservoirs	J
Sep. 2016	]
\$31.5 million: Acquisition of 900 acres from Dole Food Inc.	
May 2017	
\$13 million: Upgrades and Improvements for the Galbraith Irrigation System	J
Sep. 2017	ſ
\$23.752 million: Acquisition of over 800 acres from Dole Food Inc.	
May 2018	
\$650,000: Plan and Design for Post Harvest Facility	
Sep 2018	
\$9 million: Value-Added Product Development Center	

May 2017 \$500,000: Plan and Design for a Wastewater Reclaimed Irrigation System	
May 2017 \$13 million: Pedestrian Bridge from Whitmore Village to Wahiawa	
May 2018 \$4.7 million: Acquisition of Dole Lands and Irrigation Easements	
May 2018 \$800,000: Invasive Plan Mitigation and Security	
May 2018 ADC Positions: Property Manager and General Accounting Clerk	

TOTAL = \$145,542,000

## Template





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To receive project updates, please email us at delacruz2@capitol.hawaii.gov or visit us online at www.capitol.hawaii.gov and click on Senator Dela Cruz's member page.

For more information or if you have any questions please contact our office at 808-586-6090

