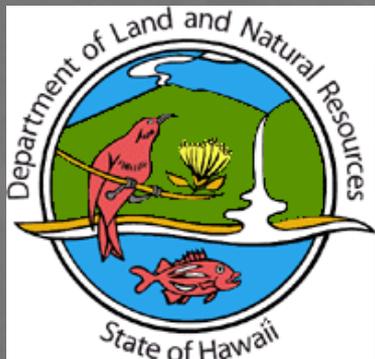


COASTAL DATA EXCHANGE

CULTURAL RESOURCES DATA



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State Historic Preservation Division
Department of Land and Natural Resources

Data Supply Discussion

- How data were developed
- Strengths and weaknesses
- Planners use my data for...
- Planners could also use my data for...
- Differences in how counties/ agencies have used it
- Other ways they could use it
- Ways my data should not be used
- How to access my data
- The future of my dataset

Confidence interval (accuracy versus uncertainty). How do you treat data uncertainty?

(e.g. this is the data you could use for x projection, what my data will look like in 10 years)



About the Dataset

- Approximately 23,000+ unique geometries
- Covers known eligible and not eligible cultural resources, survey areas, and preservation areas
- Cultural resources include: archaeology, architecture, landscapes, traditional cultural properties, and ethnographic sites.
- Should be historic (50+ years) and significant (eligible for State and National Registers)



Data Development

- Legacy GIS Data
- Legacy Paper Data
- Review and Compliance Data
- Proactive Survey & Inventory



Data Development

Estimated Quantities of Legacy Paper Data:

- 39,000-47,000 site folders and forms
- 15,624 reports
- 800-950 large format maps
- 40 misc. books with periodic information
- 3.5 liner feet of 8.5"x11" maps





RECALCULATED BY STATE HISTORICAL ARCHIVES
ALBANY, NEW YORK
PRINTED BY THE STATE HISTORICAL ARCHIVES
1982





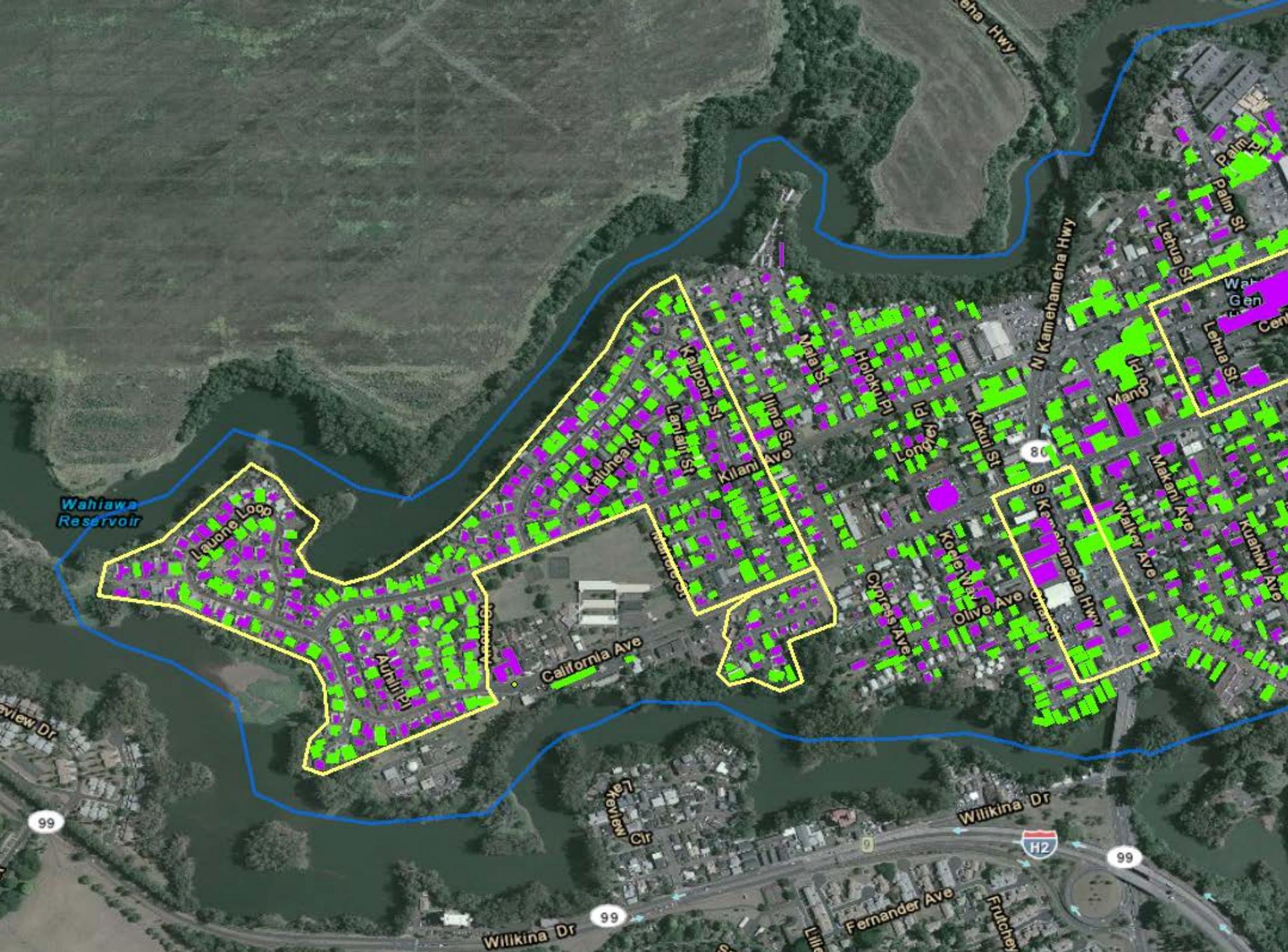
REALMATAH BAY STATE HISTORICAL TRAIL
ALBANY DISTRICT
PHOTO BY: JIM WATSON AND OTHERS
© 2002



Data Development

- Legacy GIS Data
- Legacy Paper Data
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- Proactive Survey & Inventory





Wahiawa Reservoir

Lauone Loop

Aunui Pt

California Ave

Kaliponi St

Kalanianaʻolaha St

Kilani Ave

Mala St

Holo Kuli Pt

Idi St

London

Kukui St

8C

Makani

Makani Ave

Walker Ave

Kuahwi Ave

S Kamehameha Hwy

Kolekole Ave

Olive Ave

Cypress Ave

N Kamehameha Hwy

Lehua St

99

99

H2

99

Wilkinson Dr

Wilkinson Dr

Fernander Ave

Frutcher

Lehua Cir

Liliu

Strengths

- Identify potential effects to cultural resources over broad areas
- Can be combined with other datasets for planning and response
- New GIS standards facilitate linking to external datasets
- Data for not eligible resources as important as eligible resources



Weaknesses

- Legacy data has unknown accuracy
- Geometry not always representative of resource type (e.g. some points should be polygons)
- Survey areas and preservation areas are not well represented
- No data where no one has looked



Planners use my data for

- County Plans
- General Plans
- Conservation District Use Permits
- Setbacks
- Shoreline Certification
- Shoreline Permits
- Building Permits
- Special Management Area Permits
- Flood Zones



Ways my data should not be used

- Section 304 of the National Historic Preservation Act [16 U.S.C. 470w-3(a)]

“...shall withhold from disclosure to the public, information about the location, character, or ownership of a historic resource if the Secretary and the agency determine that disclosure may –

- (1) cause a significant invasion of privacy
- (2) risk harm to the historic resources; or
- (3) impede the use of a traditional religious site by practitioners”



Ways my data should not be used

- Public Disclosure
- Replace the review process
- Assumed to be comprehensive
- Definitively indicate effect
- Definitively indicate absence



How to access my data

- Email: nicholas.r.belluzzo@hawaii.gov
for redacted dataset
- In any SHPD office (soon)
- Online/Server?



The future of my dataset

- It will grow regularly
- Data accuracy will increase
- Increased focus on maritime and coastal resources
- Increased focus on survey and preservation area boundaries
- Improved/automated distribution
- Links to external datasets still under development



Mahalo!

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