

Business Portal Steering Committee Briefing

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2/22/2007

Background & History

- E Permitting JARPA Post Implementation Review [On-line E-permitting](#)
- Problem: Permit Applicants Often Struggle To Meet Data Entry Requirements Location-based Information.

Background & History continued

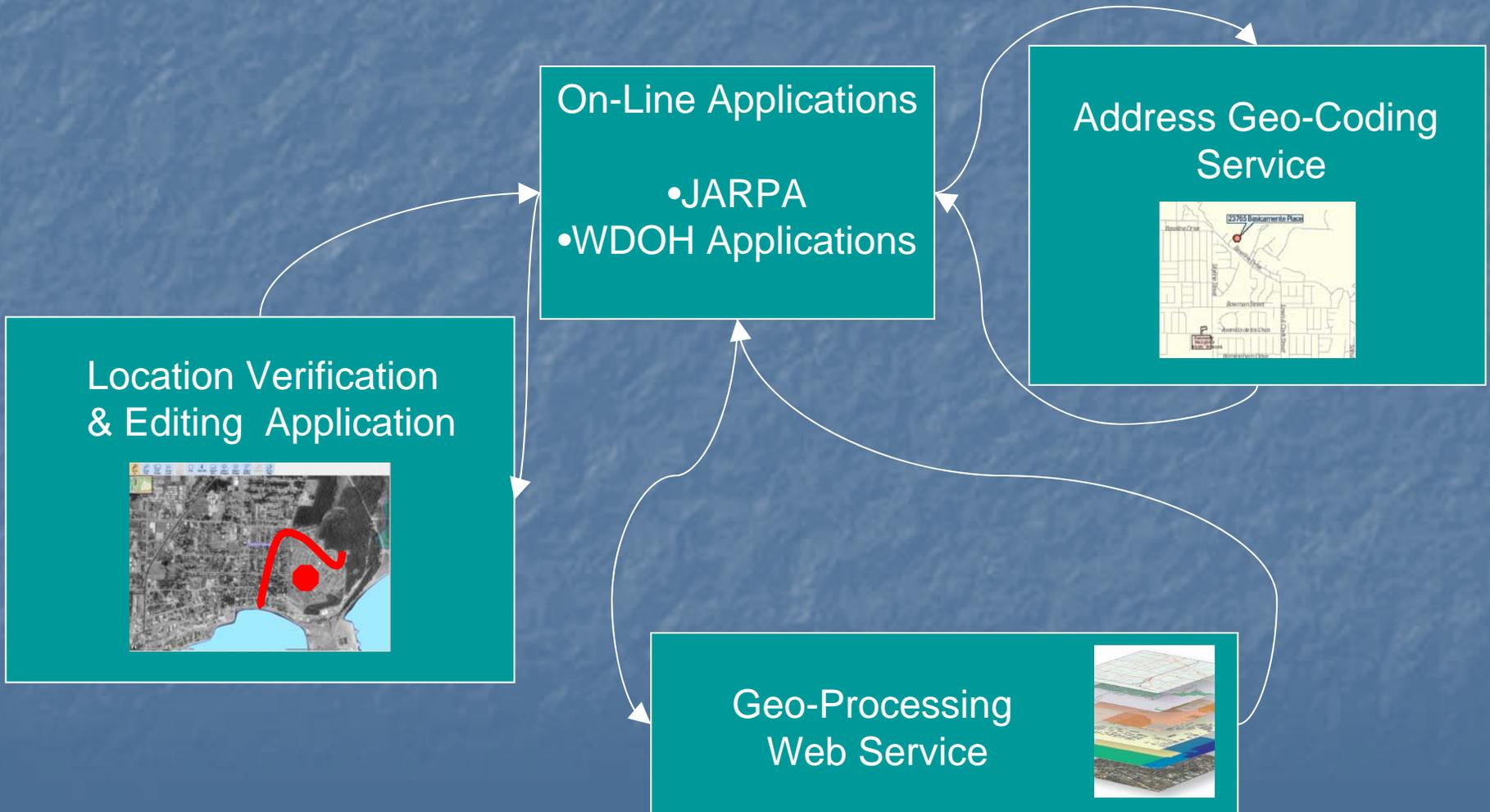
Problem: Collection of invalid addresses leads to additional costs (Example: WDOH Electronic Death Registration System)

The screenshot shows a web browser window displaying a form titled "Demographic - Basic, Birth, Residence" for a case with ID 2338. The form is for Muriel McGinness and includes the following fields:

- 1. Legal Name:** First: Muriel, Middle: Keith, Last: McGinness. Includes a "Click To Enter Any AKA's" button.
- 2. Death Date:** Month: 01, Day: 28, Year: 2005, Death Date Modifier: A.
- 3. Sex (M/F):** M
- 4. County of Death:** Benton
- 7. Birth:** Month: 12, Day: 29, Year: 1931, Unk. Age, 73 Years, 4b. Under 1 Year: Months, Days, 4c. Under 1 Day: Hours, Minutes.
- 5. SSN:** - - - - -, SSN Modifier: P, SSN Verify Count: 0, Status: Re-Verify, Verify button.
- 12. Was Decedent ever in U.S. Armed Forces?** Yes
- 8a Birth City:** Fairview, 8a Birth County: [blank]
- 8b Birth State or Prov.:** Virginia, 8b Birth Country: United States
- Residence:** (e.g., 624 SE 5th St.) (include Apt. No.)
- 13a. Street Address:** 202 W Laird Ave, 13b. City or Town: Hermiston
- 13c. County:** Umatilla
- 13d. Residence on tribal reservation:** [checkbox]
- 13e. State or Prov.:** Oregon, 13f. Zip Code: 97838, Zip Plus 4: [blank], Unk.
- 13g. Inside City Limits?** [checkbox] Please Choose: Yes No Unk
- 14. Estimated length of time at residence:** 0 Units, Years

The form includes a "Next" button at the bottom right and a "Save" button at the bottom left. The browser address bar shows the URL: https://transact.wa.gov/DOH-EDRS/EDRS-WEB/EDRS_Forms/2338.sfd

Solution: Location Finder Services



Project Objectives

- Increase The Accuracy Of Location-based Information Accessed And Submitted For Environmental Review, Permit Application, And Agency Decision-making Purposes

Project Objectives continued

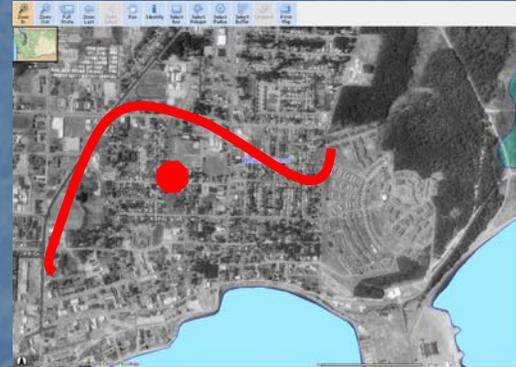
- Provide Ease-of-Use Enhancements To Existing And Planned On-line Permit Applications Where Users Are Required To Provide Place-Based Information.

Project Objectives continued

- Provide Standardized, Repeatable Methods For Assigning Place-Based Information

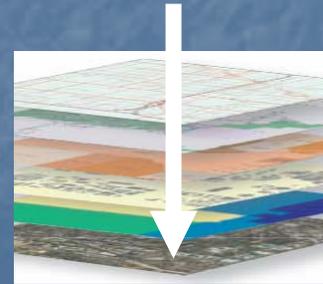
Scope

- Develop An Interactive Map-Based Location Editor Which Allows A User To Delineate A Location



Scope continued

- Develop Geo-Processing Services Which Can Use A User-Defined Location To Intersect Multiple GIS Layers And Return Geospatial Attributes Of The Geographic Location.



Scope continued

- Develop an Address Correction Service that standardizes the input address to the USPS format, corrects misspellings and verifies city and zip code information.

Input Parameters:

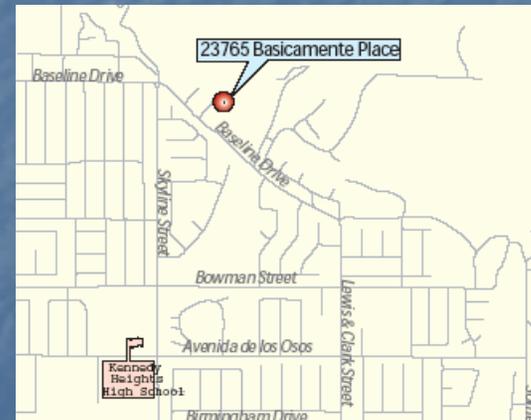
Address (PO Box, Street, Mailing, Military) required
Zip (5 digit) required
City (preferred)
State (preferred)
Zip4

Output Parameters:

Address
Zip
City
State
Zip4
Address prefix direction
Address house number
Address street
Address type
Address suffix direction
Address unit
Address unit description
Quality
Deliverable

Scope continued

- Develop an Address Geo-Coding Service which can return X-Y coordinates (Latitude-Longitude) for a given address.



Scope continued

Interface The Services With:

- JARPPA E-Permitting Application
- Public Health Issue Management System
- Electronic Death Registration System.

Out of Scope

- Development Of New GIS Data Layers
- Resolution Of Issues Related To Disparate GIS Data Layers (Like Hydrography)
- Geo-processing With Incomplete Data
- Use Of Local Government GIS Data, Unless Standardized To A State-wide Level By Other Projects
- Production Of Printable Maps
- Routing Or Driving Directions
- Integration With Other On-line Permit Applications

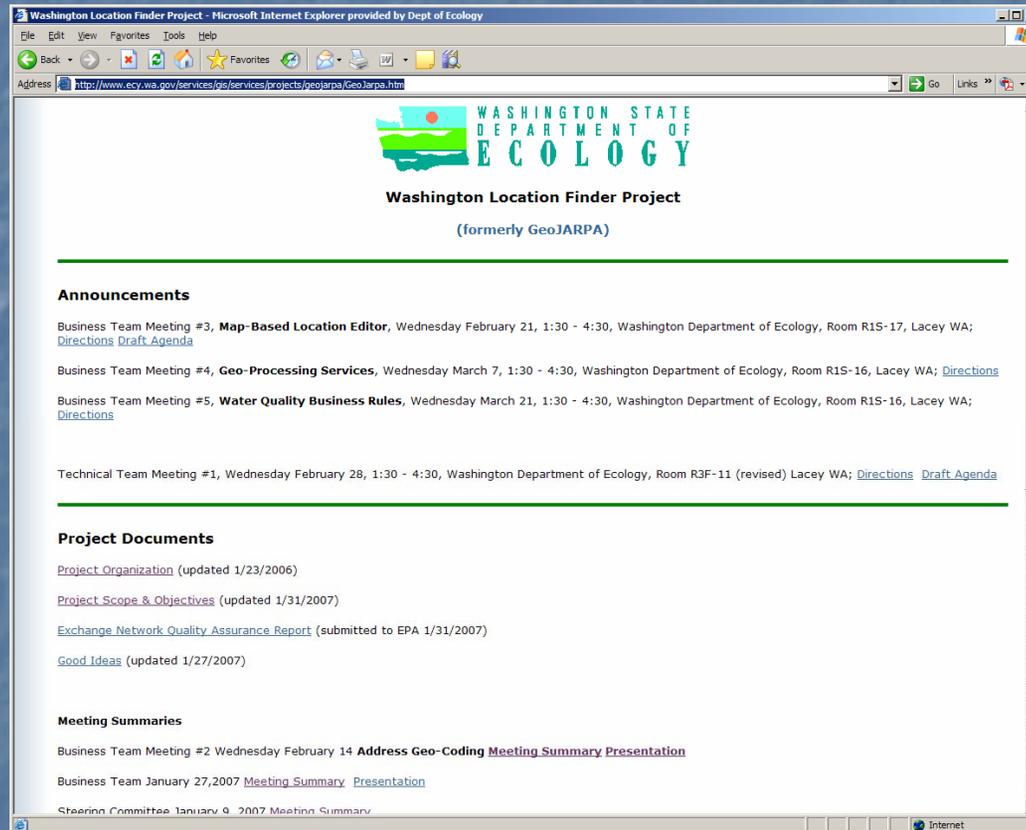
Project Organization

- Project Sponsors (WDOH, ORA-Ecology)
- Steering Committee (ORA,WDOH,ECY)
- Business Lead (Scott Boettcher)
- Project Manager (John Tooley)
- Analyst/Technical Leads (Craig Erickson, John Tooley)
- Business Team (ECY,WDOH,DIS,WDFW,DOT, DNR DOR,SWIMTAC,NWIFC)
- Technical Team (ECY,WDOH,DIS,contractors)
- Technical Review Team (ECY,WDOH,DIS,NWIFC,DOT,DNR,WDFW)

High Level Schedule

High Level Schedule	2005					2006												2007												
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
Initial Scoping	█	█	█	█																										
Grant Application					█																									
Planned Grant Award Announcement												█																		
Grant Award															█															
Goal 1 - Mapping Application																			█	█	█	█	█	█	█	█	█			
Goal 2 - Address GeoCoding Web Service																			█	█	█	█	█	█	█	█				
Goal 3 - Geo-processing Web Service																█	█	█	█	█	█	█	█	█	█	█	█	█		
Goal 4 - Deploy to Exchange Network																									█	█	█	█		

Project Documentation Site



<http://www.ecy.wa.gov/services/gis/services/projects/geojarpa/GeoJarpa.htm>

Questions?