

# Washington Location Finder Business Team

1/25/2007

# Agenda

- Welcome & Introductions
- Background & History Including Initial Scoping
- Objective & Scope Discussion
- Project Organization (who did we miss on the teams?)
- Teams (with discussion of Business Team Responsibilities)
- Expectations and Time Commitments
- Schedule & Upcoming Meetings
- Topics Needing GeoSpatial-Business Rules Documentation
- Project Documentation Web site
- Wrap-up discussions
- Meeting summarization, assignments, and next steps

# 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

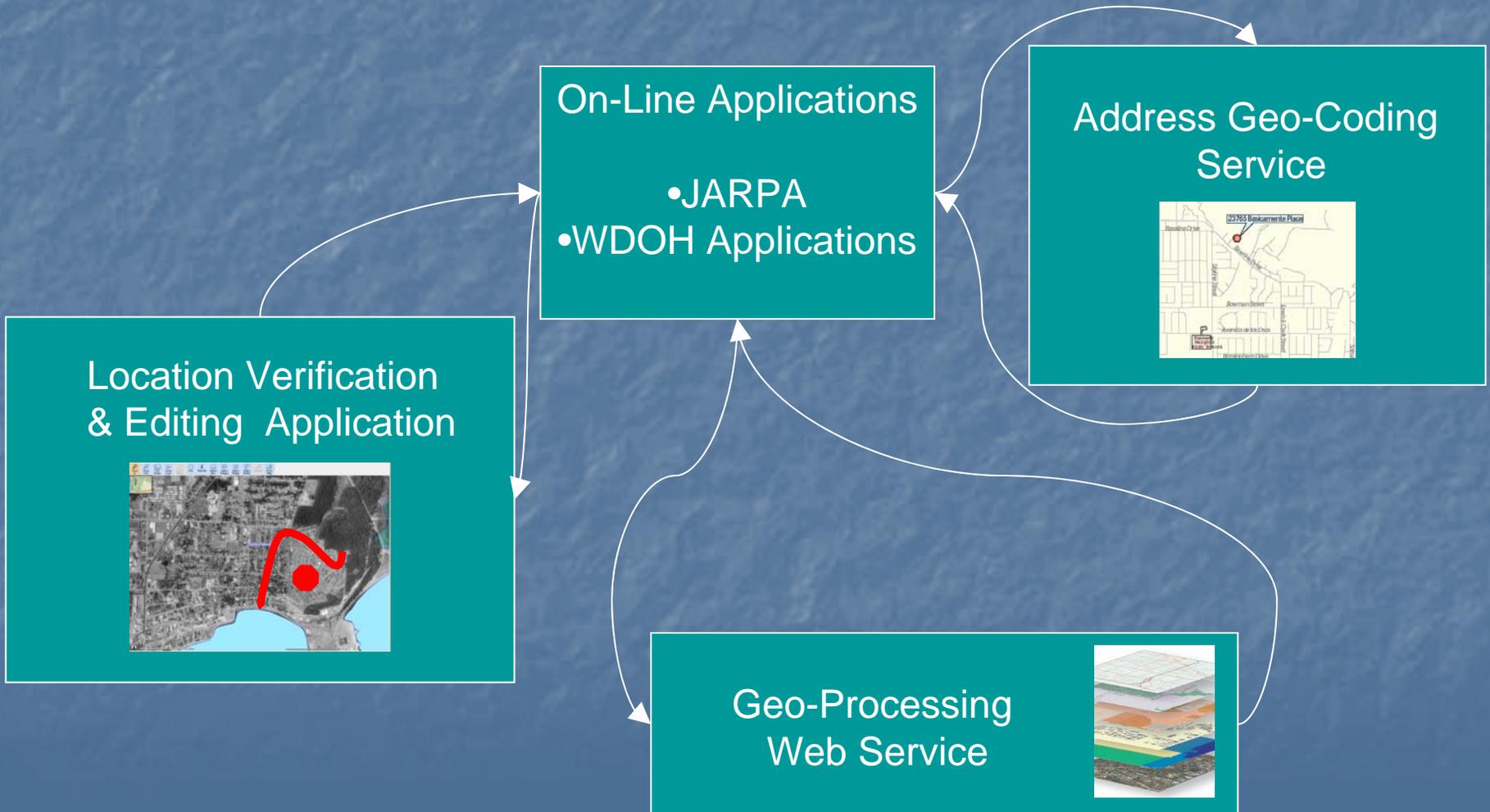
Problem: Collection of invalid addresses leads to additional costs (Example: WDOH Electronic Death Registration System)

The screenshot shows a web browser window displaying a form titled "Demographic - Basic, Birth, Residence" for a case named "McGinness, Muriel" with Case ID 2338. The form is divided into several sections:

- STEPS:** A sidebar on the left lists various steps such as "Basic, Residence, Birth (Item # 1-14)", "Education, Origin (Item #6-10)", "Race (Item #11)", "Spouse, Work, Parent Informant (Item #15-23)", "Place of Death, Disposition (Item #24-32)", "Cause of Death (Item #34-38)", "Cause of Death (Item #39-47)", "Cause of Death (Item #50-56)", "Death Certificate", "Return To Active Cases", "Comments", "Check Errors", and "Save".
- 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. Includes a "Death Date Modifier" dropdown set to 'A'.
- 6. \*County of Death:** Benton.
- 3. \*Sex (M/F):** M.
- 7. Birth:** Month: 12, Day: 29, Year: 1931. Includes fields for Age (73 Years) and options for "Unk. Age 4c. Under 1 Day: Hours Minutes".
- 5. SSN:** - - - - - SSN Modifier: P, SSN Verify Count: 0, Status: Re-Verify. Includes a "Verify" button.
- 12. Was Decedent ever in U.S. Armed Forces?** Yes.
- 8a Birth City:** Fairview, **8a Birth County:** [Empty], **8b Birth State or Prov.:** Virginia, **8b Birth Country:** United States.
- Residence:** 13a. Street Address: 202 W Laird Ave, 13b. City or Town: Hermiston.
- 13c. County:** Umatilla.
- 13d. Residence on tribal reservation:** [Unselected].
- 13e. State or Prov.:** Oregon, **13f. Zip Code:** 97030, **Zip Plus 4:** [Empty] [Unk].
- 13g. Country:** United States, **13g. Inside City Limits?** [Please Choose: Yes No Unk].
- 14. Estimated length of time at residence:** 9 Units, [Empty] Years.

The form includes a "Next" button at the bottom right.

# Solution: Location Finder Services



# Proposed Project Objectives

- Increase the accuracy of location-based information accessed and submitted for environmental review, permit application, and agency decision-making purposes (e.g., JARPA permitting).

# Project Objectives continued

- Provide ease-of-use enhancements to existing and planned on-line permit applications where applicants are required to provide place-based information.

# Project Objectives continued

- Provide standardized, repeatable methods for assigning the place-based information required by on-line permitting and reporting applications.

# Proposed Scope

- Develop an interactive map-based location editor which can provide a location based on a user-selected location on the map interface (i.e., both point and polygon).

# Scope continued

- Develop Geo-Processing services which can 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.

# Scope continued

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

# Scope continued

- Interface these services with the E-Permitting Service (i.e., for JARPA), Public Health Issue Management System, and 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 (you folks)
- Technical Team (ECY,WDOH,DIS)
- Technical Review Team  
(ECY,WDOH,DIS,NWIFC,DOT,DNR,WDFW)

[Project Organization Document](#)

# Business Team Committments

- Participate in Requirements Gathering Interviews & Meetings
- Participate & Coordinate Business Rule Documentation Interviews & Meetings
- Review & Approve Requirements Documents & Test Scenarios
- Review & Approve Prototype Services
- Review & Approve Final Services

# Next Business Team Meetings

~ 3 hours

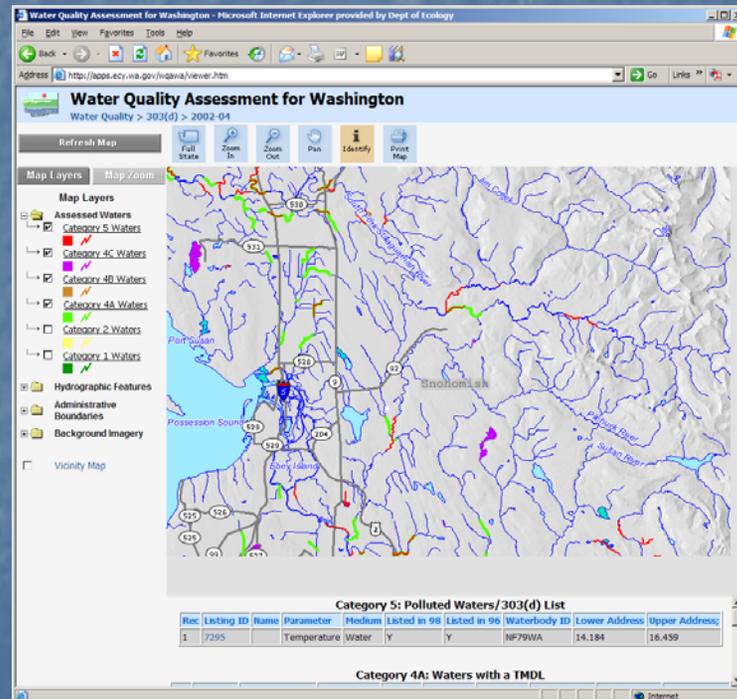
- Address Geo-Coding Requirements (Week of February 12, 2007)
- Location Editor Map Application Requirements (Week of February 20, 2007)
- Geo-Processing Requirements (Week of March 5)
- Water Quality Geo-Spatial Business Rules (Week of March 19)

# High Level Schedule

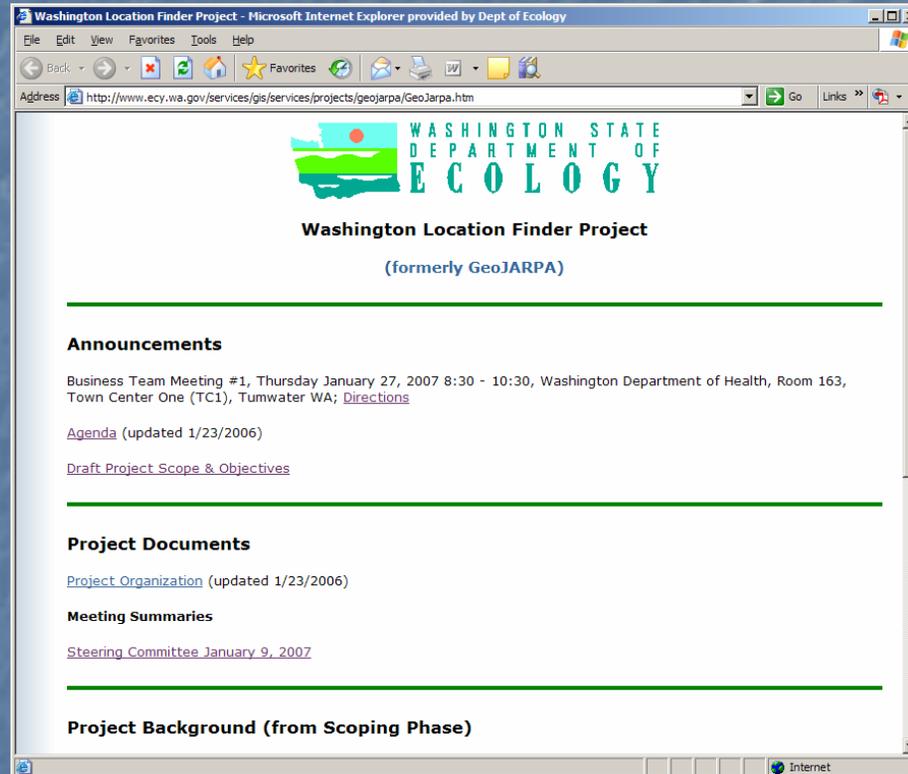
High Level Schedule	2005						2006						2007																
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Initial Scoping	█	█	█	█																									
Grant Application					█																								
Planned Grant Award Announcement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

# GeoSpatial Business Rules

- Water Quality 303(d), Parameters, Receiving Waters
- Water Type?
- Others?



# Project Documentation Site



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

# Wrap Up Discussion

# Summary, Assignments, Next Steps

The End