



US Army Corps
of Engineers

OMBIL Regulatory Module (ORM)



US Army Corps
of Engineers

What is ORM?

- New automated information system for the Corps Regulatory Program
- Component of the Operations and Maintenance Business Information Link
- Replaces current automated information systems
 - RAMS
 - RAMSII
 - Other proprietary systems used in six Corps districts



US Army Corps
of Engineers

What is ORM?

- Development began in 1999
- Standardization and consistency in data collection is a goal
- Collect data to assess Regulatory Program performance
- Important tool for analysis of performance-based management and budgeting



US Army Corps
of Engineers

Features of ORM

- Central database with option to deploy locally
- Standardized regulatory database to be used in all 38 Corps districts
- Windows®-standard functionalities
- System design based on Corps Regulatory Business Process
- Supports use of electronic permit application
- Supports posting of permit application status information on Internet



US Army Corps
of Engineers

Features of ORM

- Supports information exchange between regulatory agencies, states, others
- Recommendations for changes to ORM evaluated by ORM Steering Committee
- Basic geographic information system (GIS) capability built into ORM
- Workgroup is developing an advanced GIS system for use with ORM



US Army Corps
of Engineers

Electronic permit application

- Allows public to submit permit applications and supporting documentation to the Corps via the Internet
- Nightly data exchange between ORM and e-permit web site
 - E-application submitted to specified district
 - Status update of current applications
- Currently being tested by Jacksonville District



US Army Corps
of Engineers

Flexibility

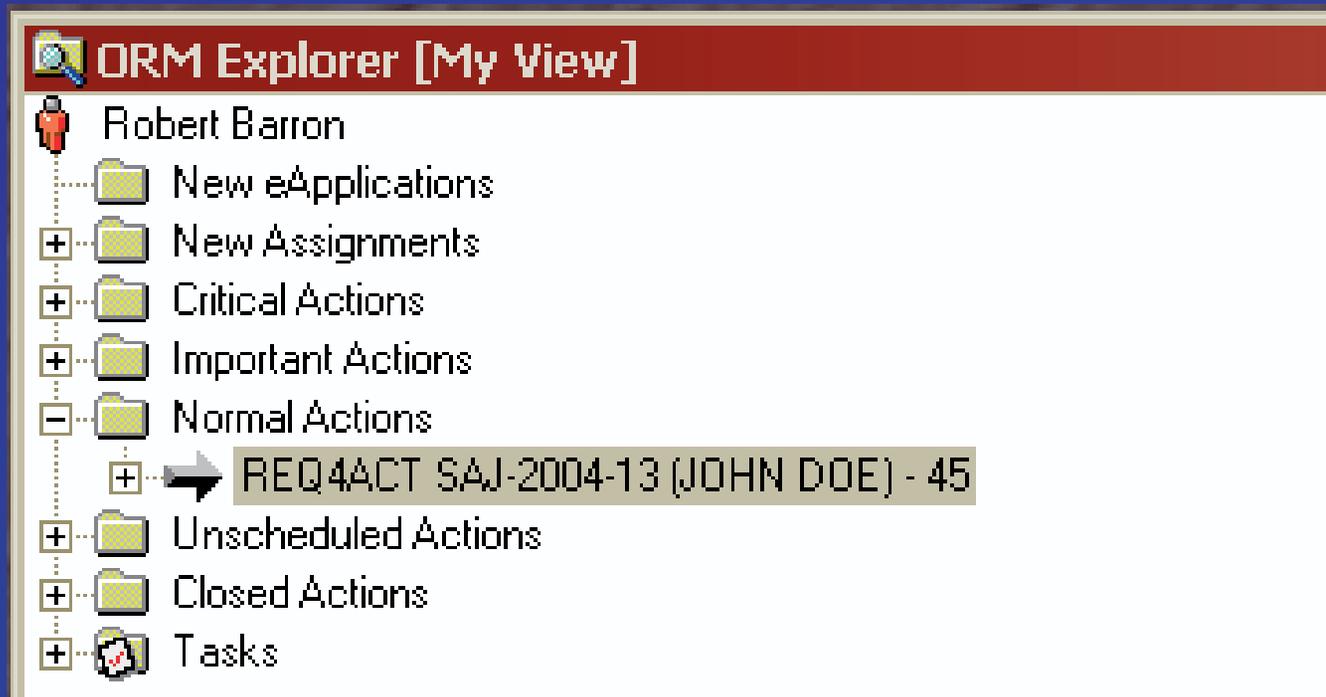
- Capable of recording & interlinking 86 tasks and subtasks (“Regulatory Actions”)
 - Tasks: Evaluate Standard Permit, Evaluate Nationwide Permit, Danger Zone, etc.
 - Subtasks: Application Complete Determination, Public Notice, ESA consultation, etc.
- For each, capable of entering associated data (“attributes”) such as dates, acres, etc.
 - > 1,000 possible unique entries in system
 - Can enter multiple (e.g., multiple sites)



US Army Corps
of Engineers

ORM Interface - 1

- Each request from public placed under folders.

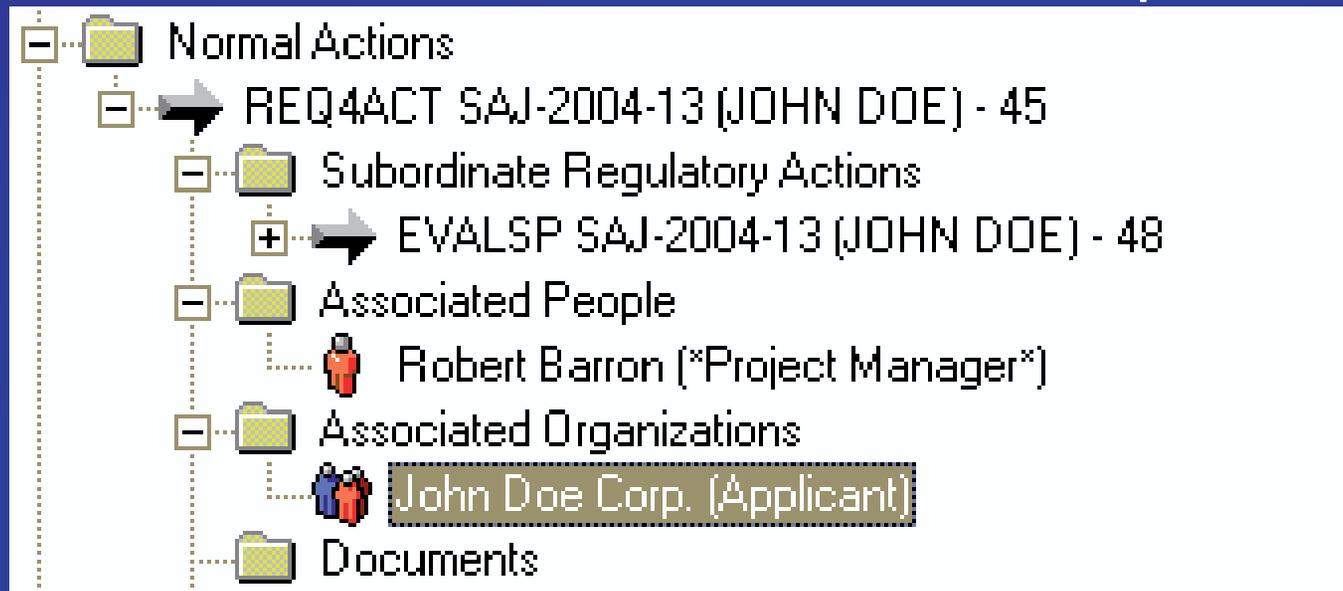


- Critical vs. Normal based on due dates.



ORM Interface - 2

- EVALSP indicates this request being reviewed under the Evaluate Standard Permit process.



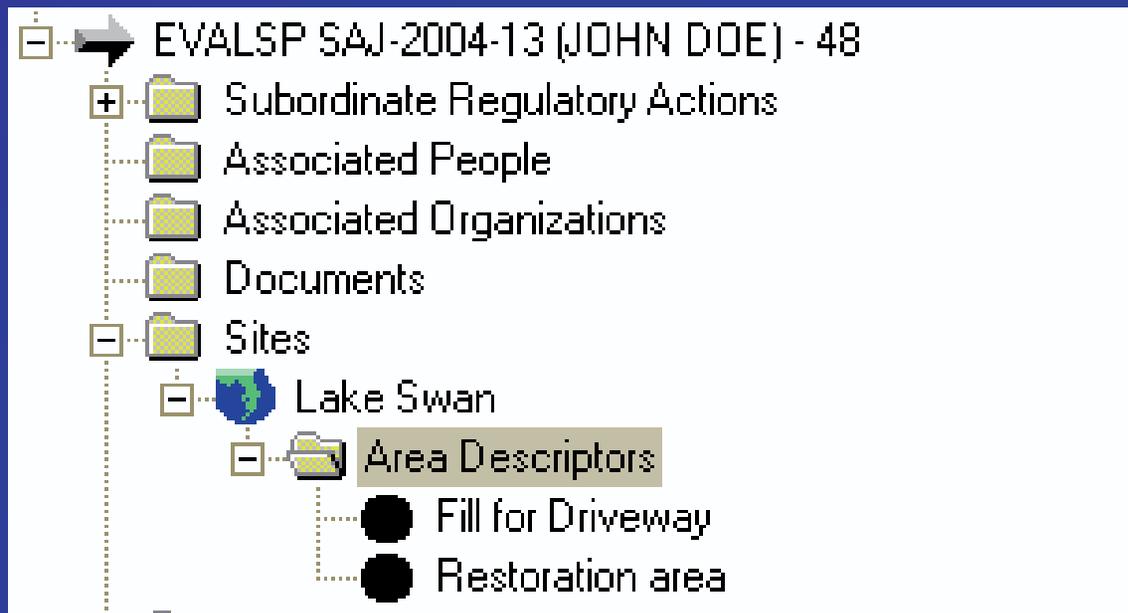
- Capable of reusing name on multiple permits.
- Capable of attaching electronic documents.



US Army Corps
of Engineers

ORM Interface - 3

- Can define one or multiple site locations. Can subdivide a site into one or more areas.



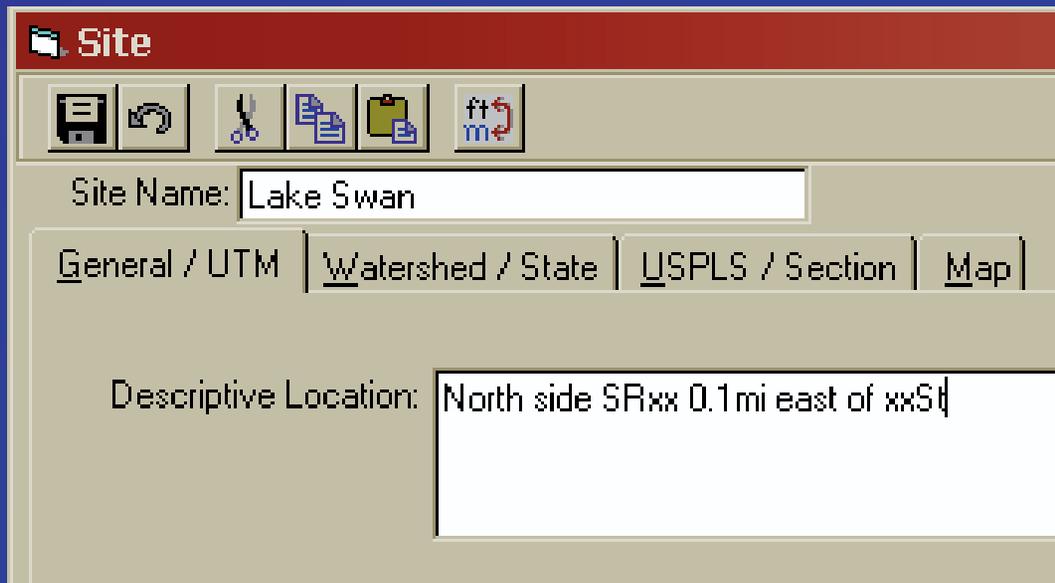
- Can reuse the location on multiple requests.
- This specific fill linked to this specific request.



US Army Corps
of Engineers

ORM Interface - 4

- Required entry is Latitude/Longitude and descriptive location.

A screenshot of the 'Site' interface in the ORM system. The window has a title bar 'Site' and a toolbar with icons for save, undo, cut, copy, paste, and print. Below the toolbar is a text field for 'Site Name' containing 'Lake Swan'. Underneath are four tabs: 'General / UTM', 'Watershed / State', 'USPLS / Section', and 'Map'. The 'General / UTM' tab is selected. Below the tabs is a text field for 'Descriptive Location' containing 'North side SRxx 0.1 mi east of xxSt'.

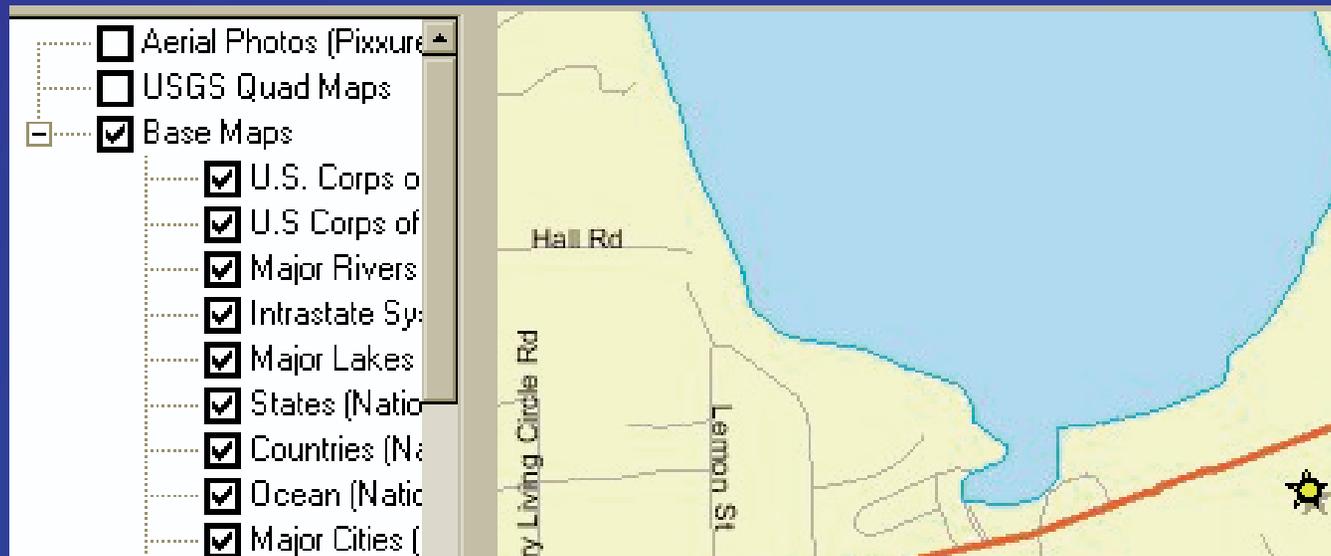
- Also can enter watershed, waterway, county, public land survey, etc.



US Army Corps
of Engineers

ORM Interface - 5

- Also can set location using “push pin” (or view after entering Lat/Long).

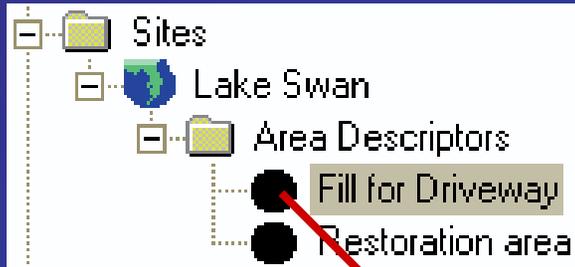


- Work underway to enhance this GIS tool by linking to other local GIS systems.



US Army Corps
of Engineers

ORM Interface - 6



- Using NWI & HGM to classify
- Able to enter Functional debits
- "Initial" if pre-application mtg.

Impact Area Descriptor

Name:

Area Type:

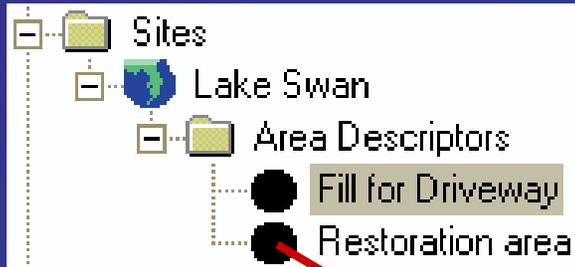
HGM Class: Debits:

	Initial Requested	Requested	Permitted
Area:	<input type="text" value="0"/> acre	<input type="text" value="0.1"/> acre	<input type="text" value="0"/> acre
Length:	<input type="text" value="0"/> ft	<input type="text" value="0"/> ft	<input type="text" value="0"/> ft
Width:	<input type="text" value="0"/> ft	<input type="text" value="0"/> ft	<input type="text" value="0"/> ft
Height:	<input type="text" value="0"/> ft	<input type="text" value="0"/> ft	<input type="text" value="0"/> ft
Volume:	<input type="text" value="0"/> yd ³	<input type="text" value="0"/> yd ³	<input type="text" value="0"/> yd ³



US Army Corps
of Engineers

ORM Interface - 7



- Matching data-types for compensatory mitigation.
- If off-site, would add a 2nd site.

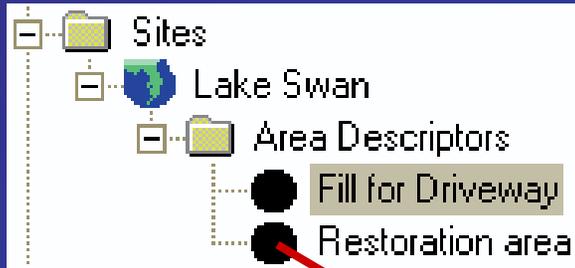
	Proposed		Authorized	
Area:	1	acre	0	acre
Length:	0	ft	0	ft
Width:	0	ft	0	ft
Height:	0	ft	0	ft
Volume:	0	yd ³	0	yd ³



US Army Corps
of Engineers

ORM Interface - 8

- Mitigation Types based on definitions in RGL 02-02.



Mitigation Area Descriptor

Name: Restoration area

Volume: yd 3 yd 3

Mitigation

Source: Permittee

Type: Enhancement

ILF/MB: (Select From List)

Type: Enhancement

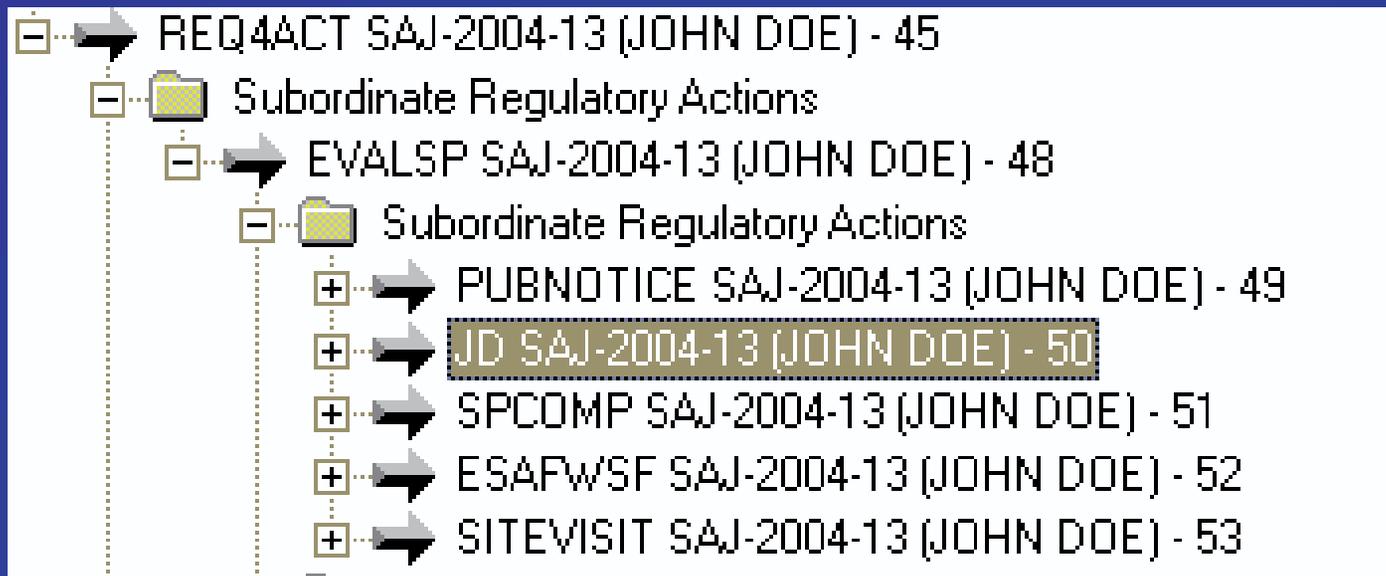
ILF/MB: (Select From List)

Enhancement
Establishment
Protection/Maintenance
Re-establishment
Rehabilitation



ORM Interface - 9

- This shows some of the subtasks in the process of Evaluating a Standard Permit.

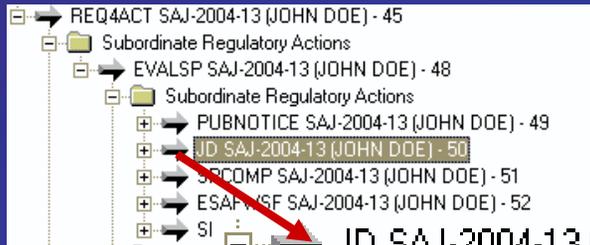


- Highlighted is Determining Jurisdiction →

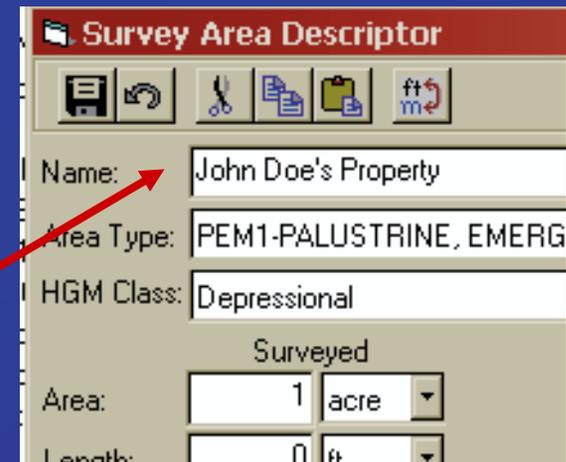
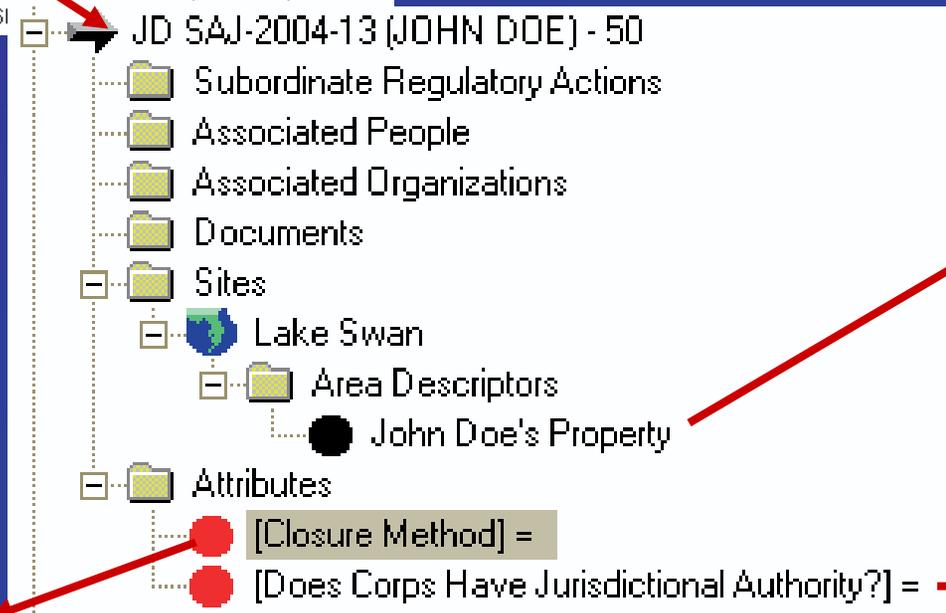


US Army Corps
of Engineers

ORM Interface - 10



- Recorded that JD on a 1 acre wetland but impact is 0.1 acre.



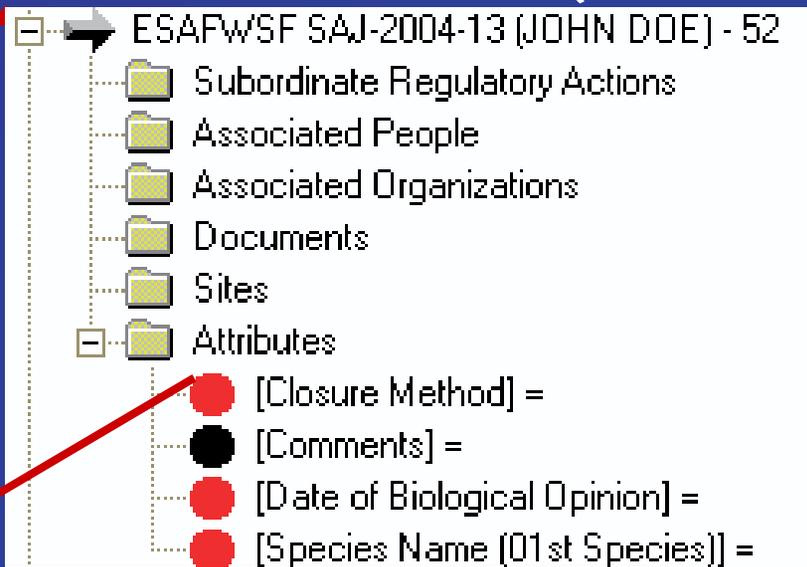
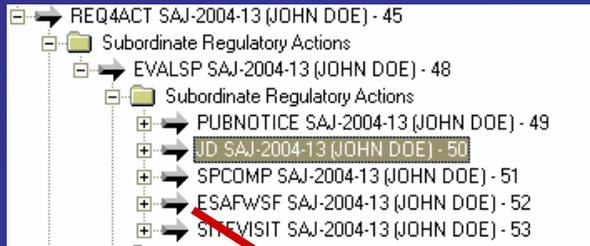
- Same info entered for non-JD area.





US Army Corps
of Engineers

ORM Interface - 10



* Closure Method	
* Comments	Jeopardy/adverse modification
* Date of Biological Op	No effect
* Species Name (01st	No jeopardy/No adverse modification
	Not likely to adversely affect

- If task occurs during review, can add the formal consultation w/ FWS ("ESAFWSF")

- Also can add if w/ NMFS.
- Also informal.
- Black dot shows this is an attribute that can be added by the user.