

Coastal Data Management System Update

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May 15, 2015

Coastal Data Management System

- \$1.3 million database upgrade project
 - VRA funds and Federal grant supported
 - 7 years in the making
- Replace, enhance and improve data systems
- Make appropriate data and maps available to the public via the web

Consolidating and integrating multiple systems into one

Databases

- Permit Tracking System (PTS)
- Energy PTS
- Enforcement
- Appeals
- Federal Consistency
- Recorded Documents, Easements and Public Access databases
- Litigation

GIS services

Records and documents

Project Objectives (cont.)

- Improve database QA/QC and enforce data consistency and completeness.
- Capture necessary program, permit and other regulatory data necessary to comply with the federal program reporting requirements.
- Improve capacity to produce routine permit and related documents directly from the new database system.

Project Objectives (cont.)

- Improve ability to query and analyze data and create output reports.
- Include data and tracking of Planning activities: Local Coastal Plans, Public Works Plans, UC- Long-Range Development Plans, Port Master Plans.
- Provide future public access to permit information via the internet

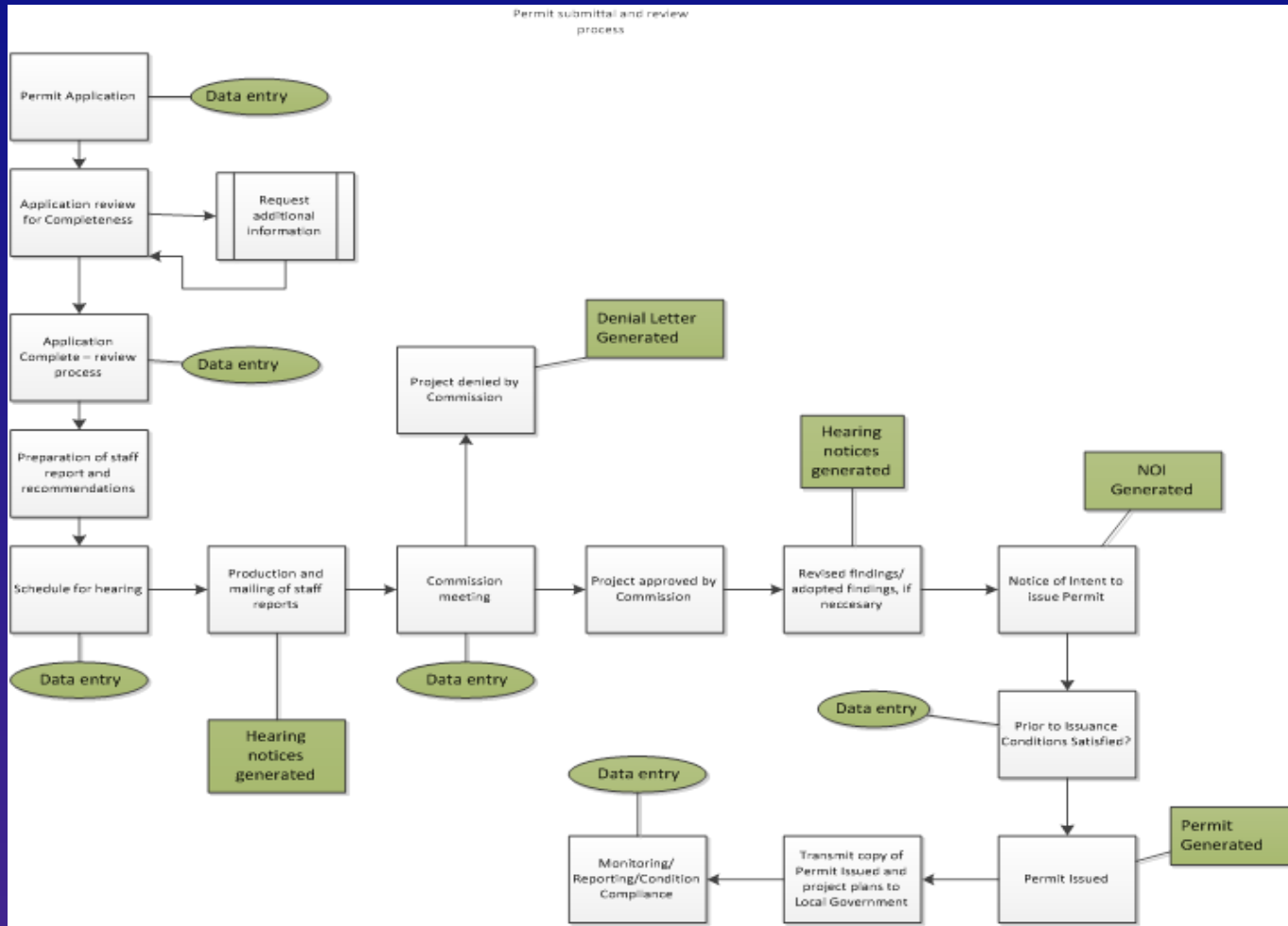
Accela Software System

- Accela Land Management and GIS software packages
- Consultants: Natoma Technologies and Accela
 - System and business process analysis
 - Configuration
 - Data conversion and migration
 - Design
 - Training
 - Production support

Configuration

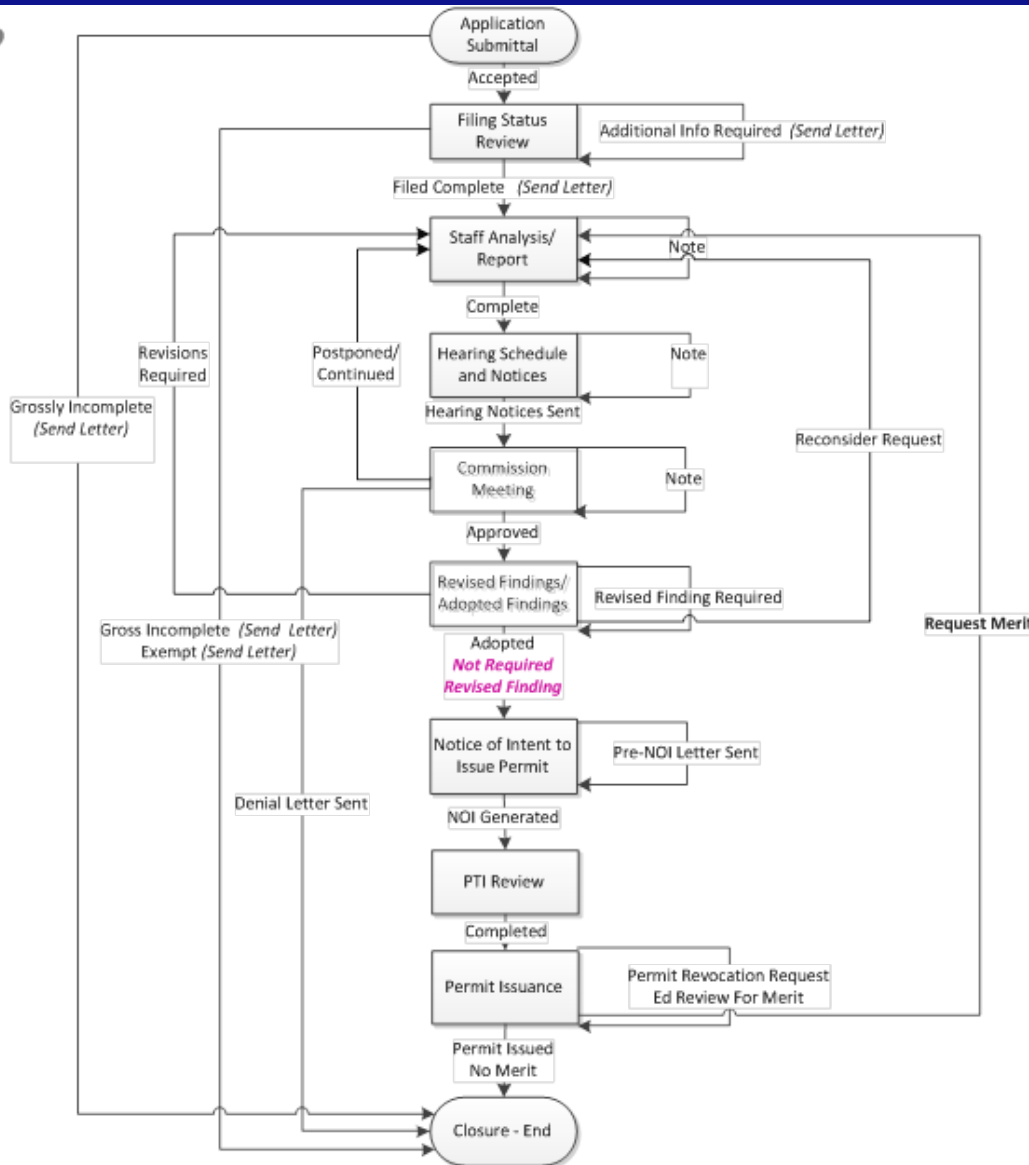
- Accela is a “Commercial-Off-The-Shelf” system
- Highly configurable to meet our needs
- Some functions can be customized, scripted or programmed
- However, it is not custom built software (there are limitations)

Analyzing our business processes



Translating into Systems Processes

CDP



Note: Commission Meeting (Reconsideration Request) Submitted by Applicant w/in 30 days of Commission decision

Note: 6.6.2012 Per CaCC Staff, **Not Required and Revised Finding** might not be needed and to be determined

Note: Permit Issuance (Permit Revocation Request Status) Can be submitted anytime after Commission action from hearing to issuance of permit

Making it Operational

Record ID: 0-14-1710

Menu ▾ Submit Assign Reset Calculate Hours Cancel Help

Task Details Sub Tasks (0)

Workflow Tasks

- Application Submittal
 - Accepted
- Filing Status Review
 - Filed as Complete
- Staff Analysis Report
 - Staff Recom Approval as Submi
- Hearing Schedule and Notice
 - Hearing Notices Sent
- Commission Meeting**
- Create Adopted Findings and Conditions
- Notice of Intent to Issue Permit
- PTI Review
- Permit Issuance
- Post-Issuance Condition Compliance or Long

Task Details - Commission Meeting

--Select--
Admin Permit Approved
Approved - Adopted Findings
Approved Per Staff Recomm
Approved Req Revised Findings
Denied - Adopted Findings
Denied Per Staff Recomm
Denied Req Revised Findings
Moved to Consent
Objection
Postponed /Continued
Rev Findings Approved
Waiver-Ext-ImAmend Approved
Withdrawn

Status Date * 05/01/2015 Due Date 05/01/2015

Staff * Current User
Wanger

Display Comment in ACA

Assigned to Assigned Date 05/01/2015

[Standard Comment](#)

Workflow History

<input type="checkbox"/>	3-14-1603	Closed	Pacific Grove Great Tidepoo...	Jurisdiction Coastal De Jurisdiction
<input type="checkbox"/>	3-86-009-A1	Closed	Ran/Chan Residence Addition	Coastal De Jurisdiction
<input type="checkbox"/>	3-14-1180-W	Closed	Monterey Dunes Colony Sand ...	Coastal De Jurisdiction

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#)

Record ID: 3-14-1180-W

[Go To](#)
[Workflow History \(6\)](#)
[Fee \(0\)](#)
[Fee History \(0\)](#)
[Payment](#)
[Payment History](#)

<input type="checkbox"/>	Task	Status	Status Date	Action By	Record Date/Time	Record By
<input type="checkbox"/>	Permit Issuance	Waiver Issued	09/18/2014	Diana Cha...	09/18/2014 14:10:01	DCHAPMAN
<input type="checkbox"/>	Commission Meeting	Waiver-Ext-ImAmend Approved	09/11/2014	Diana Cha...	09/15/2014 15:24:33	DCHAPMAN
<input type="checkbox"/>	Hearing Schedule and Notice	Hearing Notices Sent	08/27/2014	Diana Cha...	09/03/2014 10:13:18	DCHAPMAN
<input type="checkbox"/>	Staff Analysis Report	Staff Recom Approval as Submi	08/01/2014	Diana Cha...	09/03/2014 10:11:19	DCHAPMAN
<input type="checkbox"/>	Filing Status Review	Filed as Complete	08/01/2014	Michael W...	09/03/2014 10:10:40	DCHAPMAN
<input type="checkbox"/>	Application Submittal	Accepted	07/15/2014	Diana Cha...	09/03/2014 10:10:12	DCHAPMAN

Example Homepage

CALIFORNIA COASTAL COMMISSION AI Wanger Agency Admin Alerts (0) Console


HOME NAVIGATION MAPS Search...

Home Property People Calendars Set Processing Alerts Admin Classic Admin Preference Ad Hoc Reports Global Search

User Info

>> AI Wanger

PermitsAdmin
CALIFORNIA COASTAL COMMISSION, CA



CALIFORNIA COASTAL COMMISSION

My Navigation

- [Workflow](#)
- [Data Fields](#)
- [Data Tables](#)
- [Addtl Info](#)
- [Fees](#)
- [Payment](#)
- [Address](#)
- [Contacts](#)
- [Parcel](#)
- [Conditions/Flags](#)
- [Related Records](#)
- [Record Summary](#)
- [Documents](#)

Reports

- > My Reports
- > General
- > Mailing Labels
- > Notices
- > Post Certs / Appeals
- > Supervisor Reports

My Tasks

Record

Menu Refine Search New Create From Model Delete GIS View Log Help My QuickQueries --Select--

1 2 3 4 5 6 7 8 9 10

Record ID	Status	Project Name	Record Alias	Opened Date	Street #	Dir	Street Name	Type	City
<input type="checkbox"/> 4-14-0217-X	Closed	UCSB	Exemption	05/12/2014			Stork and We...		Santa Bar...
<input type="checkbox"/> 4-14-0209-X	Exemption Received	Santa Barbara City College	Exemption	05/07/2014	721		CLIFF	DR	SANTA BAR...
<input checked="" type="checkbox"/> 4-14-0651	Closed	City of Santa Barbara Water...	Coastal Development Permit-CCC Jurisdiction	04/16/2014	401		Shoreline	DR	Santa Bar...
<input type="checkbox"/> 4-SBC-14-0323	Closed	City of Santa Barbara	Post Certification Monitoring	04/09/2014	520	E	Yanonali	ST	Santa Bar...
<input type="checkbox"/> A-4-STB-14-0016	Staff Analysis Report	Carr	Appeal	04/03/2014	4353		Marina	DR	Santa Bar...

1 2 3 4 5 6 7 8 9 10

Record ID: 4-14-0651

Save Reset Help

Go To Address (1) CDP -Initial Application Info Coastal Hazards Tracking GEOGRAPHIC INFORMATION General Information Key Dates App Specific Info Tables (10) Contacts (1) Stat

PERMIT TYPE

District No. Permit Type Permit Type Suffix

ATF Permit Immaterial Extension? Yes No De Minimis Waiver? Yes No

Project Location

Related APNs

Tracking Key Dates

Go To ▾

Address (1) CDP -Initial Application Info Coastal Hazards Tracking GEOGRAPHIC INFORMATION General Information Key Dates

Key Dates.

Application Received 6/7/2013	30 Day Review Deadline 7/7/2013	Application Filed 8/19/2013	Date Status Letter Filed was Sent
49th Day 10/7/2013	180th Day 2/14/2014	270th Day 5/16/2014	90 Day Extension Letter Received? <input type="radio"/> Yes <input type="radio"/> No
180th Day After Lead Agency Approval 	Date 90 Day Extension Letter Re 		

180th Day After Lead Agency Approval
Note: The deadline for Commission action on a CDP is either 180 days after the lead agency has approved the project or 180 days after the application is filed as complete with the Commission, whichever is later. Insert the date 180 days after the lead agency has approved the project.

270th Day After Lead Agency Approval
Insert the date 270 days after the lead agency has approved the project, as appropriate.

Deadline for Action 5/16/2014	Tentative Hearing Date 	Hearing Date 10/09/2013	Notice Posting Date
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Must use date format MM/DD/YYYY

Tracking Key Data

Record ID: 13CAP-00000-0002I

Save Add Delete CSV Export Help

Go To Activity Summary (0) Address (1) Pre-Submittal Communication App Specific Info Tables (2)

Table Subgroup ISSUES AND DEVELOPMENT Filter table...

<input type="checkbox"/> Issues	Development Types
<input type="checkbox"/> Access	Access Changes to Land or Water (i.e. Restrictions)
<input type="checkbox"/> Tree Removal	Commercial-Non-Visitor Serving

Record ID: 6-14-1716

Save Add Delete CSV Export Help

Go To Address (1) CDP -Initial Application Info Coastal Hazards Tracking GEOGRAPHIC INFORMATION General Information Key Dates App Specific

Table Subgroup HAZARDS Filter table...

<input type="checkbox"/> Type of Hazard Present	Type of Hazard Setback Used	Type of Shoreline Protective Device
<input type="checkbox"/> Erosion - Shoreline	Bluff Edge Setback	Scour protection/toe protection - riprap. Concrete armour units

Pre-Submittal Tracking

Type: Pre-Submittal Tracking

Subtype: --Select--
--Select--
Pre-CCC Permit
Pre-LCP Communication
Pre-Local Permit Submittal

<input type="checkbox"/>	PRE-LCP-4-STB-14-0050	Santa Barbara County	Pre-Submittal_Tracking Pre LCP	Amendment to the Sum
<input type="checkbox"/>	PRE-LCP-3-PSB-14-0046	City of Pismo Beach	Pre-Submittal_Tracking Pre LCP	Full LCP Update
<input checked="" type="checkbox"/>	PRE-LCP-3-SLO-14-0040	San Luis Obispo County	Pre-Submittal_Tracking Pre LCP	Avila Tank Farm - Modif

Record ID: PRE-LCP-3-SLO-14-0040

Save Reset Help

Go To Address (1) App Specific Info App Specific Info Tables (2) Contacts (0) Status Comments (0) Documents (0) Owner (0)

Tracking of Pre-Submittal Communication for Planning Items (LCPs, LRDPs, PMPs, PWP).

District No. * 3 County * San Luis Obispo County LCP or LCP Segment Name * San Luis Obispo County Segment Code * SLO

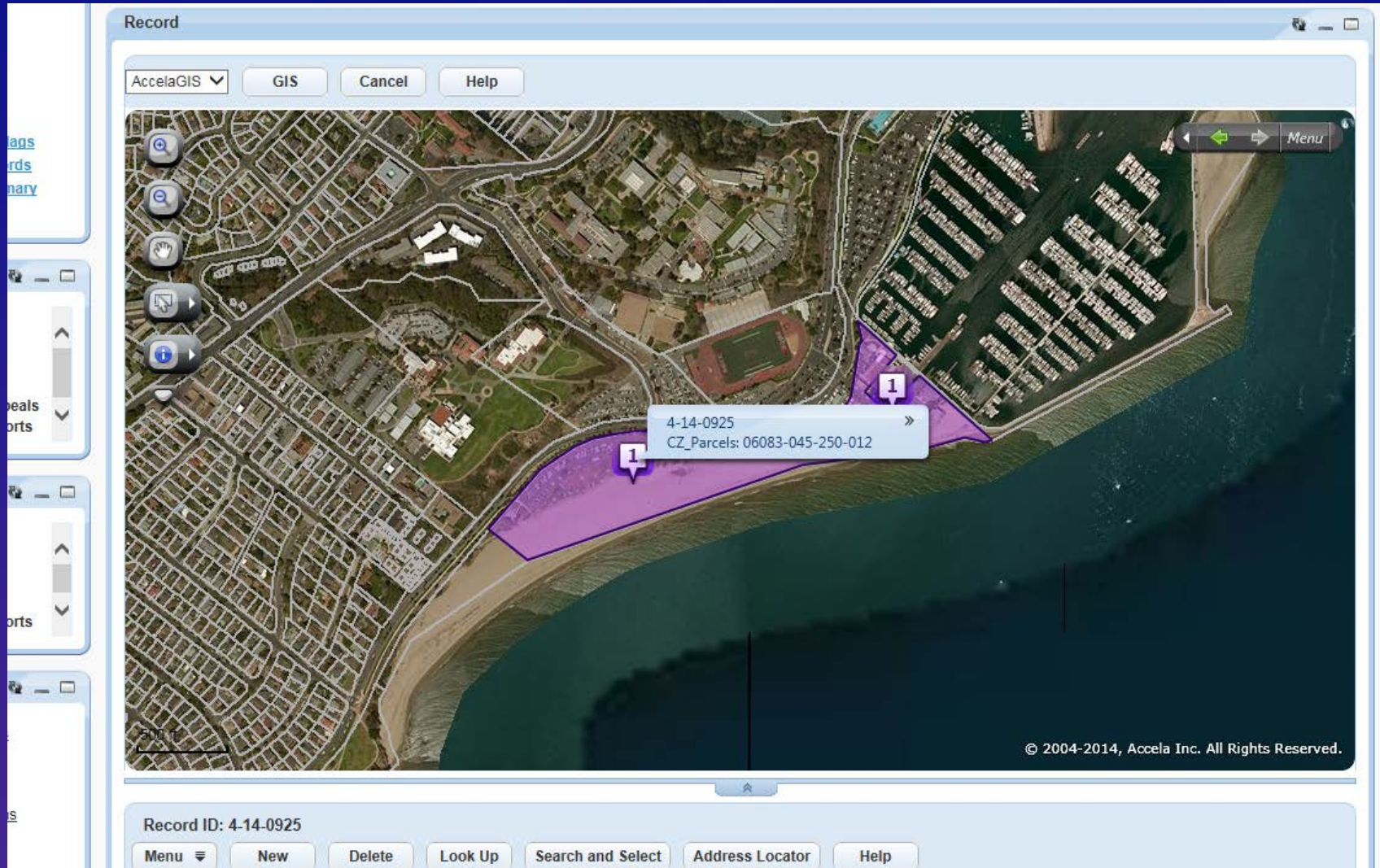
Type of Planning Item Project Driven IP Does this Cover Entire Jurisdiction? Yes No

Project Driven Amendment? Yes No

If Yes, Describe Location

[check spelling](#)

Basic GIS Tools



Spatial Analysis

The screenshot displays a GIS application window titled "Record". The main map area shows a coastal town with various colored overlays: green for "Coastal Development Permit", purple for "Post Certification Monitoring", orange for "Appeals", and red for "Enforcement". A blue "1" marker is placed on the map. The interface includes a top menu bar with "File", "Search", "Contents", and "Layers". A left sidebar contains navigation tools like a search icon, a home icon, and a location pin icon. A bottom status bar shows "Record ID: 3-SCO-14-0179". A scale bar indicates "500 ft".

Record

AccelaGIS | GIS | Cancel | Help

File | Search | Contents | Layers

Layers

- Permits Dynamic Themes
 - All Permits
 - Coastal Development Permit
 - Appeals
 - Enforcement
 - Post Certification Monitoring
 - Federal Consistency
- BingMap
 - Opacity: 100%

Legend

500 ft

Record ID: 3-SCO-14-0179

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Access to Key Documents

Record ID: 1-08-032-A4

Menu ▾ New Manage Documents ▾ Help

Go To ▾ ◀ ▶ Documents (3) Owner (1) Parcel (1) Record Summary Workflow Workflow

<input type="checkbox"/> <u>Document Name</u>	<u>Actions</u>	<u>Entity Type</u>	<u>Size</u>	<u>Type</u>
<input type="checkbox"/> <u>Imm Amendment Notice</u>	Actions ▾	Record	27.56 KB	applicati...
<input type="checkbox"/> <u>Detailed Project Description</u>	Actions ▾	Record	19.54 MB	applicati...
<input type="checkbox"/> <u>Signed Notice of Permit Effectiveness</u>	Actions ▾	Record	100.98 KB	applicati...

Currently 119,000 + records in system

Approximately 25,000 documents attached to records in the system

System generates 51 different templates, reports and notices for internal and external use

Current Activities

- Legacy data cleanup continues
- Historic data entry continues (all records from 1981 – present in system in next few months)
- Ongoing system evaluation and improvements
- Planning for Citizen Access Portal on website

What did we learn?



"It will take longer than we thought to go digital."

Citizen Access Portal Objectives

- Create an easy to use public interface
- Support self directed use by public
- Provide ability to search and retrieve key data and documents
- Provide basic map services to public

Citizen Access Portal Challenges

- Staffing – DBA position
- Current Citizen Access template is not user friendly
- Accela withdrew previous release of improved web based Citizen Access Portal
- Accela plans re-release Fall 2015

Citizen Access Next Steps

- Update software and web template
- Analyze, configure and test
- Configure system data for display
- Create instructional materials to assist public in using portal

Future Projects

- Web-based Citizen Access portal
- Complete input of paper based historic records from 1972-present
- Pilot project with local governments for shared reports and notifications
- Online permit applications (?)

Questions?