

EPA's eBeaches Data System and Verification Tool (vT)

Great Lakes Beach Association Conference

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EPA's eBeaches Data System and Verification Tool (vT)

The National Beach Program uses the EPA website **BEACON** to provide the public and beach managers **read-only access** to information provided by the states, tribes and territories.

This presentation demonstrates a prototype of a secure web accessible **Verification Tool (vT)** which jurisdictions can use to **submit, verify and edit** their submissions to EPA to assure the completeness and accuracy of their data.

You are here: [EPA Home](#) » [Beaches](#) » [BEACON](#) » [Find a Beach](#)

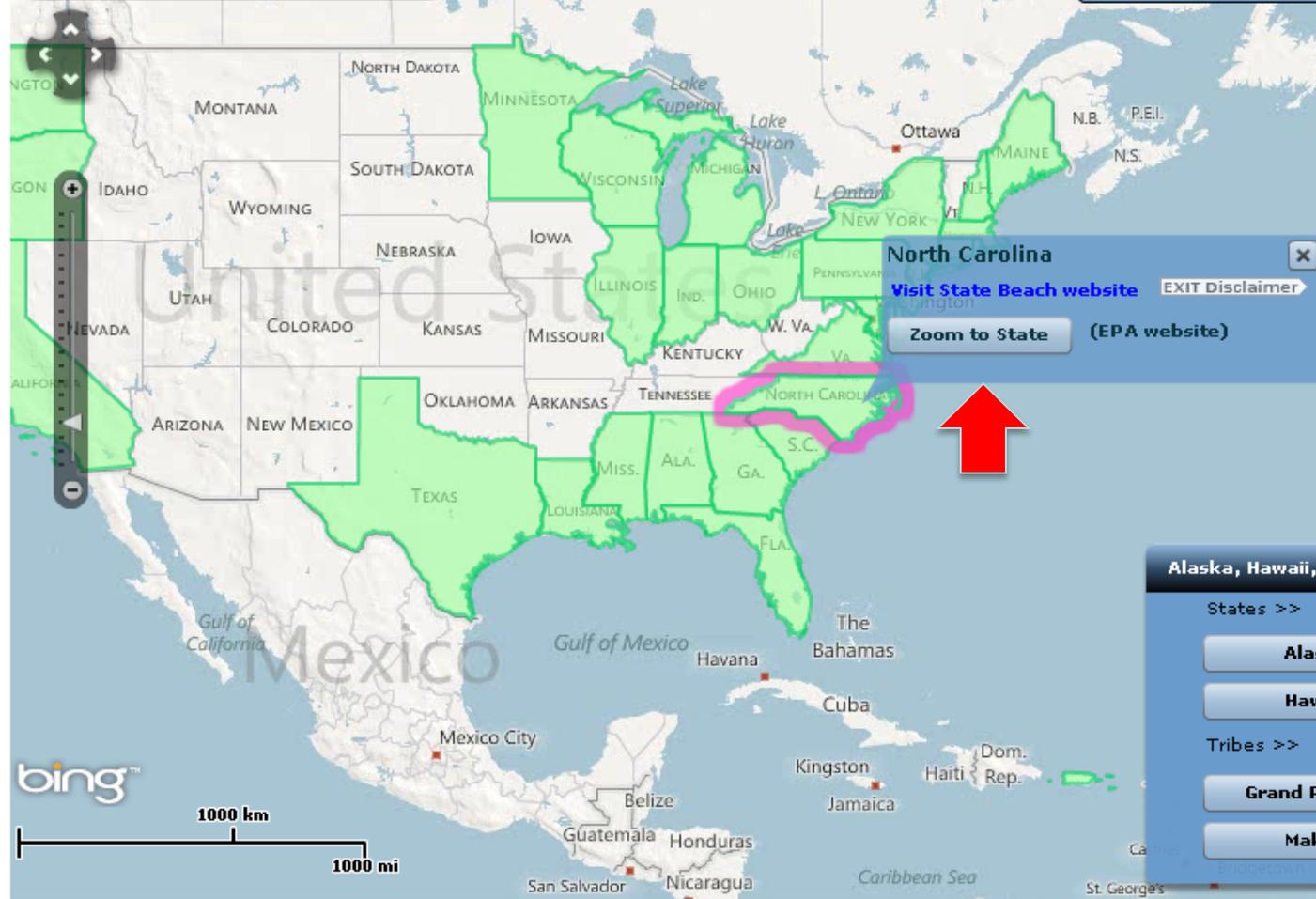
BEACON – Beach Advisory and Closing On-line Notification

[About Beacon](#) [Find a Beach](#) [Reporting](#) [RSS Generator](#)

Go To:

Latitude: 35.9514 Longitude: -77.1159

Automatic basemap selection enabled



Alaska, Hawaii, US Territories, and Tribes

States >> Territories >>

<input type="button" value="Alaska"/>	<input type="button" value="American Samoa"/>
<input type="button" value="Hawaii"/>	<input type="button" value="Guam"/>
Tribes >>	<input type="button" value="N. Mariana Islands"/>
<input type="button" value="Grand Portage"/>	<input type="button" value="Puerto Rico"/>
<input type="button" value="Makah"/>	<input type="button" value="US Virgin Islands"/>

BEACON 2.0 – Beach Advisory and Closing On-line Notification

You are here: [EPA Home](#) » [Beaches](#) » [BEACON 2.0](#) » [Find a Beach](#)

Find a Beach

BEACON

[About Beacon](#) [Find a Beach](#) [Reports](#) [RSS Generator](#)

Go To:

Latitude: 41.6212 Longitude: -87.2484

M i c h i g a n

[Streets](#) [Ima](#)

Marquette Park Beach

Beach ID:	IN924097
County:	LAKE
Advisories and Monitoring Data	No advisory or closure
Date:	Oct 9, 2012

[Beach Advisory and Closing Information](#)

[Water Quality](#)

[Beach Profile](#)

[Contact Information](#)

[Additional Reports](#)

STORET
Stations

bing™

0.5 km

BEACON Reports

- Standard and Custom
 - filter by: where, when, content; select and sequence columns
- Single Beach or
- Multiple Beaches and Jurisdictions e.g.:
 - ▶ EPA Region, GL, LIS, CB, GOM, Nationwide
- Variable timeframes
- Multiple and Single Data Type Reports
 - ▶ Monitoring and Advisory or Closure data
 - ▶ Location of beaches and monitoring stations
- Downloadable, automatic update notification

BEACON – Beach Advisory and Closing On-line Notification

You are here: [EPA Home](#) » [Beaches](#) » [BEACON 2.0](#) » [Reports](#) » Report

Beach Attributes

Note: For some users, depending on screen resolution, this report extends beyond the window's border to the right. Please use the browser's horizontal scroll-bar to scroll to the right, to access the vertical scroll-bar to scroll through the report vertically to see all the rows of data; or you can click in the body of the report and use your up and down arrow keys.

1. Primary Report

Beach Access, County, Historical Record, Reported, State, Status, Year
 State, Year

State : MI, Year : 2015

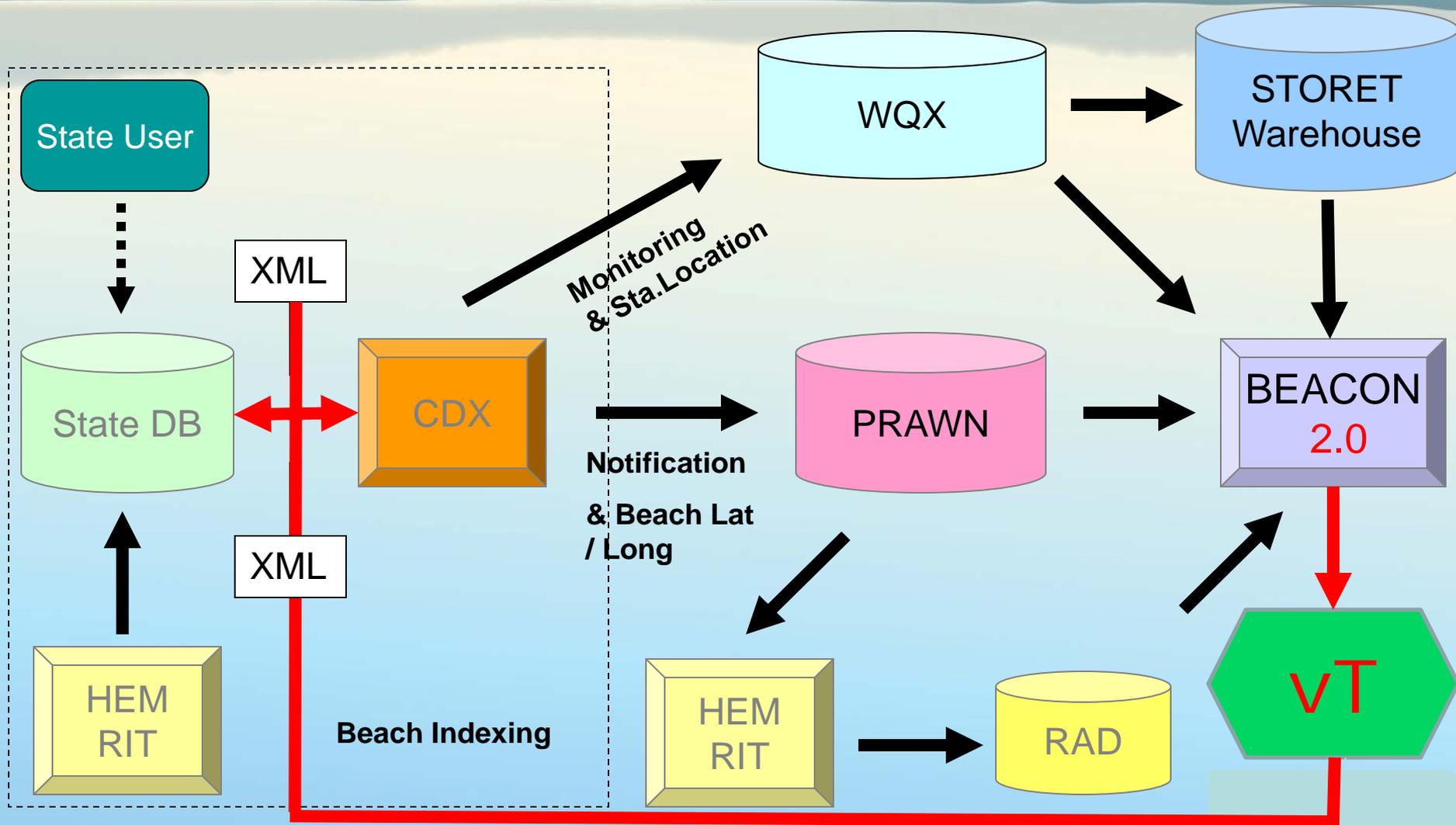
Beach ID	Beach Name	County 	Beach Ownership/ Beach Accessibility	Beach Length (Mi)	Beach Tier	Start Latitude	Start Longitude	End Latitude	End Longitude
MI000372	Marquette South Beach	MARQUETTE	Public/Public	.559	2	46.5282	-87.3912	46.53	-87.3912
MI001246	McCarty's Cove	MARQUETTE	Public/Public	.435	2	46.5482	-87.3779	46.55	-87.3816
MI001249	North Beach	MARQUETTE	Public/Public	.373	2	46.5699	-87.3926	46.58	-87.3923
MI001248	North of Picnic Rocks	MARQUETTE	Public/Public	.435	2	46.5575	-87.3836	46.56	-87.3882
MI702820	Public Shoreline Beach-Big Huron River	MARQUETTE	Public/Public	1.101	3	46.9092	-88.0225	46.9121	-88.0447
MI745183	Public Shoreline Beach-Little Presque Isle	MARQUETTE	Public/Public	6.214	3	46.6069	-87.4517	46.6655	-87.5152
MI001247	Shiras Park Beach	MARQUETTE	Public/Public	.373	3	46.551	-87.3816	46.56	-87.3812
Count:7				9.49					

eBEACHES Verification Tool (vT)

- The vT will be an **editable** password-protected site, separate from the public BEACON 2.0 site (possibly accessed thru the EN Service Center).
- **Look and feel** – combination of the public BEACON 2.0 site and the MS Access databases.
- The vT will contain all **(?)** of the reports on the public site, **plus administrative reports**.
- Possible future direction: incorporation of WQ Report (**WQX/STORET**) content and **map** editing

eBeaches Data Flow

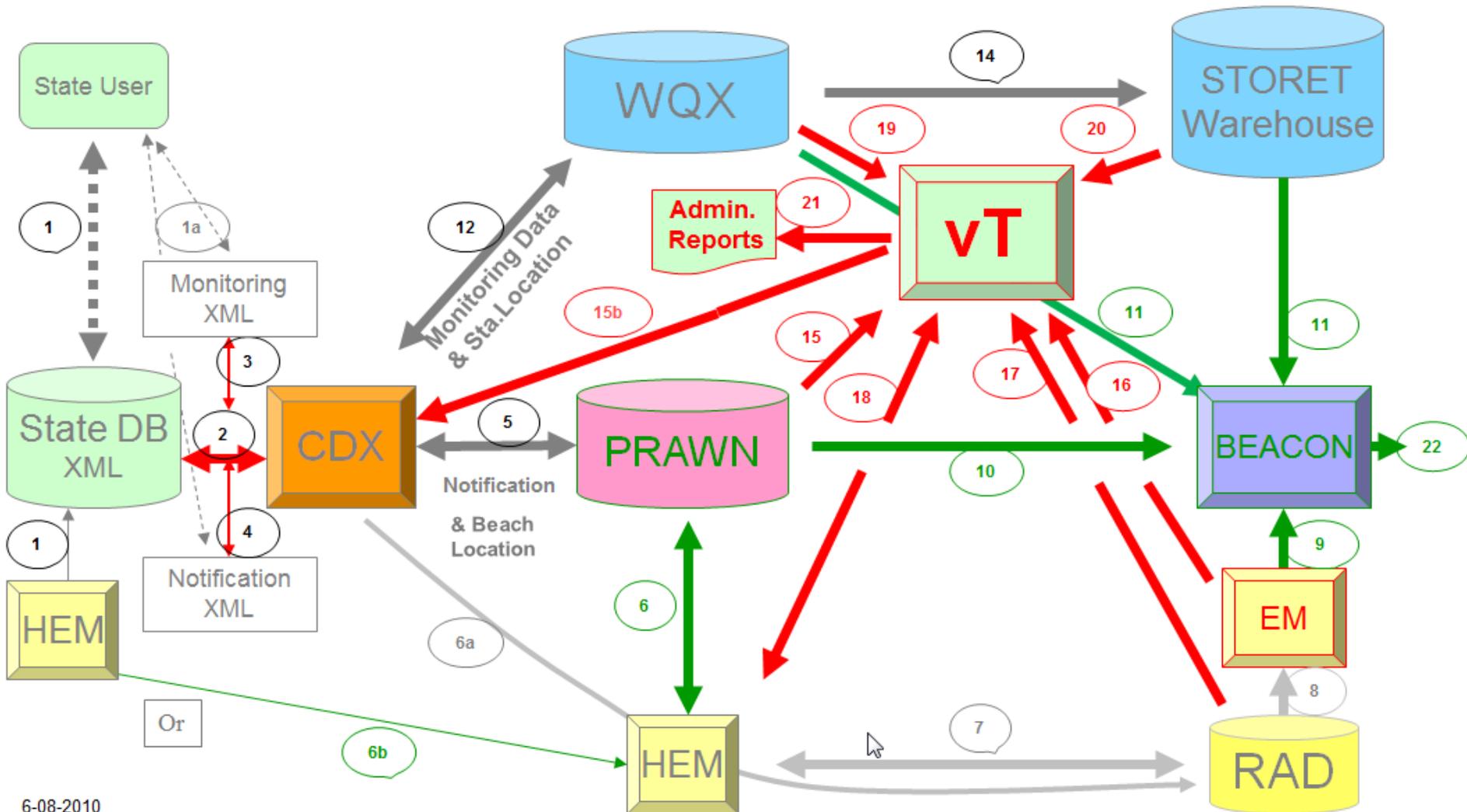
Modernization Phase 2



eBEACHES Data Flow

Phase 2 -Verification Tool (vT)

Phase 1 (completed) - Enhancements to Upgrade eBeaches IT



Verification Tool Login

Beacon 2.0 Verification Tool Login

Submit

Userid

Password

Use your Exchange Network credentials

100%

Homepage/Dashboard

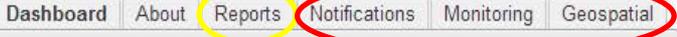
You'll see this page when you first login to vT

User name, logout link, and link to shopping cart (i.e., change log)

Welcome: JIM
[Logout](#)
[Shopping Cart \(4\)](#)



1st-level tabs = main site sections



Dashboard

2nd -level tabs = subsections (only one for this section)

Welcome to the BEACON 2.0 Verification Tool!

The dashboard contains three sections displaying: your user account information and status, your contact information (which can be altered by clicking the edit button) and administrative report options for your personal use.

For more information regarding the Verification Tool, please refer to the [About](#) tab.

"Reports View" - similar to the public site Reports tab

"Data Type Views" - mimic the Access databases

Account Information

Username: testuser
Start Date: 00/00/9000
Status: Active

Contact Information

Name: Test User
Organization: EPA
Email: test@test.com
Address: 123 Road
City: Mycity
State: VA
Zip: 111111
Country: USA
Phone: 000-000-0000

Edit

This region contains your user information

Administrative Reports

- [Report 1](#)
- [Report 2](#)
- [Report 3](#)
- [Report 4](#)

This region may contain administrative reports and "frequently used" or favorite reports.

We are also planning to add an activity history region to show, e.g., submissions, logins

Ways to Edit Data

- **Report view**
 - Select beaches (using reports wizard)
 - Select report
 - Edit data – two approaches, based on report type:
 - Tabular form (**edit in report view**)
 - Interactive report (goes to **data type views – db sections**)
- Data type view (similar to MS Access dbs)
 - Select data type (Notifications, Monitoring, or Geospatial)
 - Search for beaches
 - Use 2nd- and 3rd-level tabs to navigate to editable fields
- Either view allows individual beach or mass update

Reports View - Wizard

Instructions: Use the wizard below to follow three steps to select beaches, set search filters and view BEACON 2.0 reports. Step 1 allows you to select the beaches for a report pre-grouped by EPA Region, or by Great Waterbody; or to select by a combination of state/tribe/territory, county, and/or beach. Step 2 allows you to add filtering by date and alter other miscellaneous filters. Step 3 displays a list of available reports for use with the filters selected from the first two steps.

[Step 1 - Location Filter](#)

[Step 2 - Additional Filtering](#)

[Step 3 - Report Selection](#)

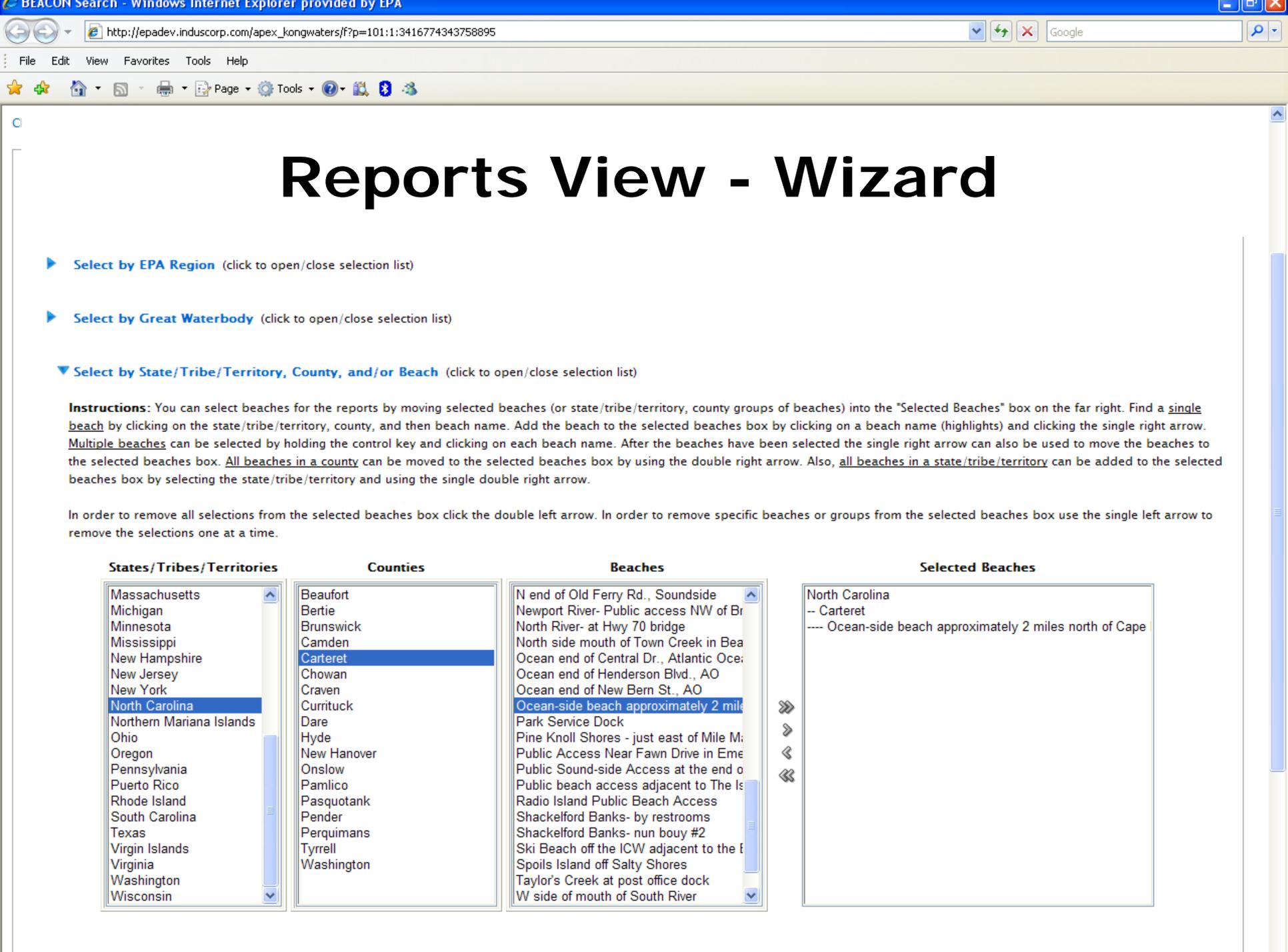
Notes: You must select at least one location filter. In order to look up beach names grouped by HUC code, use the following link to [My WATERS Mapper](#) (opens in a new window). Please refer to the BEACON User's Guide for more information about My WATERS Mapper and HUC codes.

▼ **Select by EPA Region** (click to open/close selection list)

National - All States/Tribes/Territories ▲ Hold down the Ctrl key to select more than one region.
Region 1 - CT, MA, ME, NH, RI
Region 2 - NJ, NY, PR, VI
Region 3 - DE, MD, PA, VA
Region 4 - AL, FL, GA, MS, NC, SC
Region 5 - GP, IL, IN, MI, MN, OH, WI
Region 6 - LA, TX
Region 9 - AS, CA, GU, HI, MP
Region 10 - AK, MK, OR, WA

▶ **Select by Great Waterbody** (click to open/close selection list)

▶ **Select by State/Tribe/Territory, County, and/or Beach** (click to open/close selection list)



Reports View - Wizard

▶ **Select by EPA Region** (click to open/close selection list)

▶ **Select by Great Waterbody** (click to open/close selection list)

▼ **Select by State/Tribe/Territory, County, and/or Beach** (click to open/close selection list)

Instructions: You can select beaches for the reports by moving selected beaches (or state/tribe/territory, county groups of beaches) into the "Selected Beaches" box on the far right. Find a single beach by clicking on the state/tribe/territory, county, and then beach name. Add the beach to the selected beaches box by clicking on a beach name (highlights) and clicking the single right arrow. Multiple beaches can be selected by holding the control key and clicking on each beach name. After the beaches have been selected the single right arrow can also be used to move the beaches to the selected beaches box. All beaches in a county can be moved to the selected beaches box by using the double right arrow. Also, all beaches in a state/tribe/territory can be added to the selected beaches box by selecting the state/tribe/territory and using the single double right arrow.

In order to remove all selections from the selected beaches box click the double left arrow. In order to remove specific beaches or groups from the selected beaches box use the single left arrow to remove the selections one at a time.

States/Tribes/Territories

- Massachusetts
- Michigan
- Minnesota
- Mississippi
- New Hampshire
- New Jersey
- New York
- North Carolina
- Northern Mariana Islands
- Ohio
- Oregon
- Pennsylvania
- Puerto Rico
- Rhode Island
- South Carolina
- Texas
- Virgin Islands
- Virginia
- Washington
- Wisconsin

Counties

- Beaufort
- Bertie
- Brunswick
- Camden
- Carteret
- Chowan
- Craven
- Currituck
- Dare
- Hyde
- New Hanover
- Onslow
- Pamlico
- Pasquotank
- Pender
- Perquimans
- Tyrrell
- Washington

Beaches

- N end of Old Ferry Rd., Soundside
- Newport River- Public access NW of Br
- North River- at Hwy 70 bridge
- North side mouth of Town Creek in Bea
- Ocean end of Central Dr., Atlantic Ocea
- Ocean end of Henderson Blvd., AO
- Ocean end of New Bern St., AO
- Ocean-side beach approximately 2 mile
- Park Service Dock
- Pine Knoll Shores - just east of Mile M
- Public Access Near Fawn Drive in Eme
- Public Sound-side Access at the end o
- Public beach access adjacent to The Is
- Radio Island Public Beach Access
- Shackelford Banks- by restrooms
- Shackelford Banks- nun bouy #2
- Ski Beach off the ICW adjacent to the t
- Spoils Island off Salty Shores
- Taylor's Creek at post office dock
- W side of mouth of South River

Selected Beaches

- North Carolina
- Carteret
- Ocean-side beach approximately 2 miles north of Cape

Reports View – Select Report

Same reports as public site.
Additional reports might be
added (e.g., contact list report)

REPORT NAME	DESCRIPTION
Action Duration	For each monitored BEACH Act beach with an action: Each action for each beach is sorted into one of five action duration groups (1 day duration, 2 days duration, 3-7 days duration, 8-30 days duration, or greater than 30 days duration). The list is sorted by county and beach name. Note: An action can be based on a model or policy and not be a monitored beach.
Advisory and Monitoring	For each BEACH Act beach: Presents a condensed combination of the "Action" and "Water Quality" Reports for the most recent 2 week period of submitted data (most recent to older order) including: dates, duration of actions, basis for action, possible cause and source, monitoring results. The list is sorted by "state", county, and beach name. Note: This report will not return data if none has been submitted in the prior two weeks.
Beach Actions (Advisories and Closures)	For each beach action at a monitored BEACH Act beach: Presents details of each beach action including: (1) type of action (e.g., closure, rain advisory, contamination advisory), (2) starting and ending date of the action, (3) duration of the action in days ("day" is defined as: an action on one calendar day equals one "day", or for multi-calendar day actions, a "day" is each 24-hour time block, not each calendar day), (4) action reason, source, and the indicator used to trigger the action. The list is sorted by county, beach name and action start date.
Beach Attributes	For each BEACH Act beach: Identifies attributes of each beach including: (1) beach tier ranking, (2) beach length, and (3) latitude/longitude. The list is sorted by county and beach name.
Beach Days	For each monitored BEACH Act beach: Presents details of beach administrative information including: beach name, beach ID, location, contact information, public access, Tier, swim season, monitoring and reporting frequency, possible pollution sources. The list is sorted by "state", county, and beach name.
Beach Profile	For each BEACH Act beach: Presents beach administrative information including: beach name, beach ID, location, contact information, public access, Tier, swim season, monitoring and reporting frequency, possible pollution sources. The list is sorted by "state", county, and beach name.
Possible Pollution Sources	For each BEACH Act beach: Presents beach administrative information including: beach name, beach ID, location, contact information, public access, Tier, swim season, monitoring and reporting frequency, possible pollution sources. The list is sorted by "state", county, and beach name.
State Summary	For each monitored BEACH Act beach: Presents details of water quality monitoring results collected for the beach program (from WQX/STORET) including: beach ID, beach name, sampling station ID, date/time of sample, collection method, characteristic(s) (e.g., pathogen indicator) sampled, results, analytical method, statistic type (e.g. geometric mean). The list is sorted by "state", county, and beach ID, station ID, date of sample (recent to older).
Tier 1 Stats	For each monitored BEACH Act beach: Presents details of water quality monitoring results collected for the beach program (from WQX/STORET) including: beach ID, beach name, sampling station ID, date/time of sample, collection method, characteristic(s) (e.g., pathogen indicator) sampled, results, analytical method, statistic type (e.g. geometric mean). The list is sorted by "state", county, and beach ID, station ID, date of sample (recent to older).
Water Quality	For each monitored BEACH Act beach: Presents details of water quality monitoring results collected for the beach program (from WQX/STORET) including: beach ID, beach name, sampling station ID, date/time of sample, collection method, characteristic(s) (e.g., pathogen indicator) sampled, results, analytical method, statistic type (e.g. geometric mean). The list is sorted by "state", county, and beach ID, station ID, date of sample (recent to older).

Click report name to view and edit data

We'll show two examples on the following slides:

- Tabular form (Beach Attributes) – one db section
- Interactive Report (Beach Actions) – multiple db sections

Reports View – Tabular Form Example (Beach Attributes)

Reports

Beach Attributes

Tabular – 1 db section editing

Cancel Save Mass Update

<input type="checkbox"/>	Beach Id	Beach Name	County	State Code	Year	Beach Access	Owner Access	Beach Length	Tier	Start Latitude Measure	End Latitude Measure	Start Longitude Measure	End Longitude Measure
<input type="checkbox"/>	MS409670	Pass Christian East Beach	HARRISON	MS	2000	Public	Public	4.3	1	30.3134	30.3326	-89.2465	-89.1802
<input type="checkbox"/>	GA375764	5TH ST. CROSSOVER (SSI)	GLYNN	GA	2000	Public	Public	.6	1	31.13765	31.1336	-81.37987	-81.38877
<input type="checkbox"/>	GA543512	CUMBERLAND	CAMDEN	GA	2000	Public	Public	19.2	3	30.93314	30.71724	-81.40836	-81.46241
<input checked="" type="checkbox"/>	MA547633	Antasawomak	PLYMOUTH	MA	2000	Private	Public	546	2	41.62483864	41.62483864	-70.81003947	-70.81003947
<input type="checkbox"/>	MA484411	Vineyard Harbor Motel	DUKES	MA	2000	Private	Public	.032	2	41.45307858	41.45347611	-70.59838418	-70.59901618
<input type="checkbox"/>	MN591851	Park Point Southworth Marsh Beach	ST LOUIS	MN	2000	Public	Public	.472	3	46.74102	46.73654	-92.06257	-92.05771
<input type="checkbox"/>	MN927832	Blueberry Hill Beach	LAKE	MN	2000	Public	Public	.34	3	47.15625	47.15962	-91.4392	-91.43663
<input type="checkbox"/>	MN689449	Butterwort Cliffs Beach	COOK	MN	2000	Public	Public	1.331	3	47.71598	47.72059	-90.48652	-90.4632
<input type="checkbox"/>	NJ010071	Adriatic in ATLANTIC CITY	ATLANTIC	NJ	2000	Public	Public	.029	1	39.374826	39.375233	-74.415078	-74.415173
<input type="checkbox"/>	NJ251024	3rd in ASBURY PARK CITY	MONMOUTH	NJ	2000	Public	Public	.071	1	40.220132	40.221107	-73.99867	-73.998241

row(s) 1 - 10 of more than 500 [Next >](#)

[Add Row](#)

From here, you can:

- 1) Click a beach ID to edit a single beach
- 2) Click on a box to edit its content

Reports View – Interactive Report Example (Beach Actions)

Interactive report view

Reports

Beach Actions (Advisories and Closures)

Q- Go Actions ▾

- Year = '2010'
- State Code
- County
- Year
- Beach ID

A tabular form is not used because some reports have a one report -to-many db sections relationship

Click on any underlined value to edit the data. You will go to the appropriate db section for that field.

State Code : AL, County : BALDWIN, Year : 2010, Beach ID : AL069764

Beach Name	Action Type	Action Start Date	Action Stop Date	Action Duration Days	Action Reason	Action Indicator	Action Possible Source
FORT MORGAN PUBLIC BEACH	Contamination Advisory	07-JUN-10	30-JUL-10	53	CHEM OIL	OTHER	OTHER

State Code : AL, County : BALDWIN, Year : 2010, Beach ID : AL112942

Beach Name	Action Type	Action Start Date	Action Stop Date	Action Duration Days	Action Reason	Action Indicator	Action Possible Source
MARY ANN NELSON BEACH	Contamination Advisory	05-NOV-10	06-NOV-10	1	ELEV BACT	ENTERO	UNKNOWN
MARY ANN NELSON BEACH	Contamination Advisory	05-MAR-10	09-MAR-10	4	ELEV BACT	ENTERO	UNKNOWN

State Code : AL, County : BALDWIN, Year : 2010, Beach ID : AL261419

Beach Name	Action Type	Action Start Date	Action Stop Date	Action Duration Days	Action Reason	Action Indicator	Action Possible Source
KEE AVENUE	Contamination Advisory	05-NOV-10	06-NOV-10	1	ELEV BACT	ENTERO	UNKNOWN

State Code : AL, County : BALDWIN, Year : 2010, Beach ID : AL300816

Beach Name	Action Type	Action Start Date	Action Stop Date	Action Duration Days	Action Reason	Action Indicator	Action Possible Source

MARY ANN NELSON BEACH

Example: click to change source for this beach (see next slide)

Reports View – Interactive Report Example (Beach Actions, cont.)

EPA United States Environmental Protection Agency
Beacon Verification Tool

Welcome: JIM
Logout
Shopping Cart (4)

Dashboard About Reports **Notifications** Monitoring Geospatial

Search **Beach** Organizations Person

Beach ID: * AL112942 (MARY ANN NELSON BEACH)

Beach Profile Beach Organization Role Assign Beach Person Role Assign **Beach Action**

Add/Edit Beach Action Cancel Save Add New Action

Action Type Contamination Advisory

Action Source **Algae**

Action Indicator ENTERO

Action Reason ELEV_BACT

Actual Start Date 05-MAR-10

Actual Stop Date 09-MAR-10

Action Duration 4

Reported -

Reporting Frequency

Reporting Units

State Code AL

Swim Season End Date

Swim Season Start Date

Waterbody Name

Waterbody Type

Year 2010

You're now in the Data Type view for the selected beach

2nd and 3rd -level tabs here resemble the Access db sections

Identifies the selected beach

This is the field you clicked to edit; as it looks after you have changed the value to "Algae" from "Unknown"

You can also edit other fields on this form, or go to other tabs to edit other data for this beach.

Reports View – (Beach Actions, cont.)

Delete Data

EPA United States Environmental Protection Agency
Beacon Verification Tool

Logout
 Welcome :
 Shopping Cart (0)

Dashboard About Reports **Notification** Monitoring Geospatial

Beach Organizations Person State Contact

Beach ID: * : LA202517 (LCNB1) Effective Year * : 2015

Profile Attribute Latitude Longitude Coordinate **Activity** Criterion Pollution Sources Procedure Organization Role Assign Person Role Assign

To edit beach action data, click the edit button. To add new beach action data, click the Add New Action button.

Q v Go Actions v **Add New Activity** **Delete Activity** Cancel

Delete		Activity Name	Activity Type	Actual Start Date	Actual Stop Date	Flag
<input type="checkbox"/>	Edit	LCNB1-5/7/2015 12:50:00 PM	Contamination Advisory	07-MAY-15	01-JUL-15	Original
<input type="checkbox"/>	Edit	LCNB1-9/10/2015 2:45:00 PM	Contamination Advisory	10-SEP-15	15-SEP-15	Original
<input type="checkbox"/>	Edit	LCNB1-10/1/2015 7:50:00 AM	Contamination Advisory	01-OCT-15	22-OCT-15	Original
<input type="checkbox"/>	Edit	LCNB1-10/29/2015 12:00:00 PM	Contamination Advisory	29-OCT-15	31-OCT-15	Original

From here, you can:
 Check one or more boxes to delete activity rows

release 1.0

Ways to Edit Data

- Report view
 - Select beaches (using reports wizard)
 - Select report
 - Edit data – two approaches, based on report type:
 - Tabular form (edit in report view)
 - Interactive report (goes to data type views – db sections)
- **Data type view** (similar to MS Access dbs)
 - Select data type (Notifications, Monitoring, or Geospatial)
 - Search for beaches
 - Use 2nd- and 3rd-level tabs to navigate to editable fields
- Either view allows individual beach or mass update

Data Type View – Select Type and Search

United States Environmental Protection Agency
Beacon Verification Tool

Welcome: JIM
[Logout](#)
[Shopping Cart \(4\)](#)

Dashboard About Reports **Notifications** Monitoring Geospatial

Search Beach Organizations Person

Beach Id

State

County

Each data type section begins with a search for a beach or beaches

Each of these is a "Data Type View"

We'll review two example searches on the following slides:

- Narrow (Beach ID exact match)
- Broad (e.g., state name)

Additional fields might be added here (and possibly the same tool as the Reports Wizard)

We've selected the Notifications tab here

For the Narrow example, we enter a beach ID, then click "Search" (see next slide)

Data Type View – Search Results (Narrow)

Below are the search results

[Dashboard](#) [About](#) [Reports](#) [Notifications](#) [Monitoring](#) [Geospatial](#)

[Search](#) [Beach](#) [Organizations](#) [Person](#)

Search

To edit a specific beach, click on the Beach ID link. Or, select multiple beaches and click on the Mass Update button to edit multiple beach data.

Beach Id 	Beach Name	State Code	County	Current Year
NC748601	Banks Channel - Waynick Blvd. approx. 150 yds N of Lula St.	NC	NEW HANOVER	2012

1 - 1 of 1

We entered this beach ID
in the Beach ID field on
the search page

Click the beach ID to edit
beach data (see next
slide)

Data Type View – Edit Data

Now we're at the data editing form(s) for the selected beach

Beach ID: * NC748601 (Banks Channel - Waynick Blvd. approx. 150 yds N of Iula St.)

Note: We might group the tabs by Beach, Organization, Person; then sequence by NUG order of data entry

[Beach Profile](#) [Beach Organization Role Assign](#) [Beach Person Role Assign](#) [Beach Action](#)

[Cancel](#) [Save](#)

Use this form to edit Beach Profile Data.

The Beach Profile tab is the default destination

Note: We might modify the search such that entering a Beach ID will skip the results page and come directly here

Beach Name: Banks Channel - Waynick Blvd. approx. 150 yds N of

Beach Description * Banks Channel - Waynick Blvd. approx. 150 yds N of Iula St.

Beach Comment

Beach Access: Public

Beach Access Comment

Owner Access: Public

Beach Length: .731

Beach Length Units: Mi

Beach Website Url: -

State Code: NORTH CAROLINA

County: NEW HANOVER

Latitude Measure Start:

End:

Longitude Measure Start:

End:

Source Map Scale:

Tier: 1

Waterbody Name:

Waterbody Type:

Current Year: 2012

Data Type View – Search (Broad)

[Search](#) [Beach](#) [Organizations](#) [Person](#)

Beach Id

State ▼

County ▼

For the broad search example,
we've entered a state name
(see next slide)

Data Type View – Search Results (Broad)

The results page shows all NC beaches

Search

To edit a specific beach, click on the Beach ID link. Or, select multiple beaches and click on the Mass Update button to edit multiple beach data.



Go

Actions ▾

Cancel

Mass Update

	Beach Id	Beach Name	State Code	County	Current Year
<input checked="" type="checkbox"/>	NC098150	Public Access #O-10 at Ocean Blvd and Crews Ave.	NC	PENDER	2012
<input type="checkbox"/>	NC101248	Radio Island Public Beach Access	NC	CARTERET	2012
<input checked="" type="checkbox"/>	NC102958	Indian Beach - Public Access at Mile Marker #12	NC	CARTERET	2012
<input checked="" type="checkbox"/>	NC105938	Pamlico River- City Park	NC	BEAUFORT	2012
<input type="checkbox"/>	NC106127	Ocean-side beach approximately 2 miles north of Cape Point a	NC	CARTERET	2012
<input type="checkbox"/>	NC109355	AO- 2.8 miles N of Corolla Ramp	NC	CURRITUCK	2012
<input type="checkbox"/>	NC115357	Mile Marker 7 1/2, oceanside	NC	CARTERET	2012
<input type="checkbox"/>	NC120547	1/2 mile W of Mile Marker 10, oceanside	NC	CARTERET	2012
<input type="checkbox"/>	NC124738	Wanchese Seafood Industrial Park	NC	DARE	2012
<input type="checkbox"/>	NC135340	CCC- Aquatic Education Location	NC	CARTERET	2012
<input type="checkbox"/>	NC138569	Public Access #O-3 at Mile Marker 3	NC	PENDER	2012
<input type="checkbox"/>	NC140790	East end (HB)	NC	BRUNSWICK	2012
<input type="checkbox"/>	NC144418	S-turns just N of Rodanthe	NC	DARE	2012
<input type="checkbox"/>	NC144902	Ocean pier between mile markers 17 and 18 on New River Inlet	NC	ONSLow	2012
<input type="checkbox"/>	NC147416	Mile Post 19 1/2, oceanside	NC	CARTERET	2012

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From here, you can:

- 1) Click a beach ID to edit a single beach
- 2) Check the boxes for two or more beaches, then hit the "Mass Update" button (example on next slide)

Mass Update

1 row(s) deleted.

Mass Update
Cancel
Submit Change
Delete Selected

Number of Beaches Selected: 3

Beach Act Beach:

Beach Dormant:

Beach Access:

Owner Access:

Beach Access Comment:

Swim Season Length: Swim Season Units:

Reporting Frequency: Reporting Frequency Units:

Swim Monitor Freq:

Off Monitor Freq: Monitor Frequency Units:

Monitor Irregularly:

Pollution Sources:

Pollution Sources Investigated:

Beach Organization Role Assign:

Beach Person Role Assign:

Change any field(s), then click "Submit Change".

This will apply the same data change to all selected beaches.

These are the beaches you checked on the previous screen.

You can remove beaches from this list by checking the boxes and clicking "Delete Selected"

Note: the Beach Attributes report (tabular form) shown previously also has check boxes, and will function in a similar manner

Selected List of Beaches

<input type="checkbox"/>	Public Access #O-10 at Ocean Blvd and Crews Ave.	(NC098150)
<input type="checkbox"/>	Indian Beach - Public Access at Mile Marker #12	(NC102958)
<input type="checkbox"/>	Pamlico River- City Park	(NC105938)

1-3

Shopping Cart

Clicking the Shopping Cart link from any location will bring up this view

Shopping Cart

All changes are displayed in the Data Change Log, listing every change to be included in this XML submission. You have the option of downloading the XML file as well as submitting the file through CDX (to EPA).

To submit the XML file, including the changes made using the Verification Tool, select one of the three options: To EPA (Submit the Changes to EPA through CDX), To My State Node (Submit to the State node), or To EPA and My State Node (Submit the Changes to EPA through CDX and to the State node).

CAUTION - If data are submitted through CDX using the Verification Tool, be sure to update your State data, as well. You can use the **Download File (XML)** option to download the changes you made using the Verification Tool.

- [View Change Log](#) ← You can review your changes (page bottom and next slide)
- [Download File \[XML\]](#) ← And, download the changes
- Submit File
 - To EPA*
 - To My State Node
 - To EPA and My State Node
 Submission options (if you choose to submit)

* An email will be sent to your email account after successfully submitting the XML file to EPA.

Data Change Log

Updated Beach Action(s)

Beach ID	Action	Field	New Value	Old Value	Updated On	Updated By
AL112942	Update	Action Source	Algae	Unknown	10-SEP-12	JHUMA

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Shopping Cart – Change Log

▼ Data Change Log

Updated Beach Action(s)

Beach ID	Action	Field	New Value	Old Value	Updated On	Updated By
AL112942	Update	Action Source	Algae	Unknown	10-SEP-12	JHUMA

Shows the change we made for the Action Source field for AL112942

1 - 1

Updated Organization(s)

ID	Action	Field	New Value	Old Value	Updated On	Updated By
2094	Update	Name	Headquartersss	Headquarters	10-SEP-12	JHUMA
2095	Update	Name	Region 2	Region 1	11-SEP-12	JHUMA
2095	Update	Organization Code	LOCAL_GOV	EPA	11-SEP-12	JHUMA
2096	Update	Organization Code	LOCAL_GOV	EPA	12-SEP-12	JHUMA

Changes/deletions will appear in "Updated" sections

New Organization(s)

ID	Organization Code	Description	Abbreviation	Name	Date Updated	Updated By
1000	PRIVATE	Test organization	TJOrg	JhumaOrg	09-SEP-12	JHUMA

Additions will appear in "New" sections

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CURRENT SCHEDULE

- **As early as November 15, 2016. Test Release 1:** This is the first piece and covers the vT Framework and Beach Actions Report. This Release will create XML for download only (not submit to CDX via EN).
- **End of January 2017. Release 2a:** This piece adds the other 3 non-WQ Reports in the verification guidance (Beach Attributes, Possible Pollution Sources and Beach Profile), and adds the capability to generate an XML submission to CDX via the Exchange Network (EN).
- **End of February 2017. Release 2b:** This piece adds the ability to edit Organization, Person, and State Contact data elements (only in the vT).
- **End of February 2017. Release 3:** This could add the remaining editable non-WQ BEACON reports (TBD if needed), Admin reports, and user management functions (TBD if needed).

Future:

WQ Report (WQX / STORET) and beach mapping (EPA-RAD) edit capability

QUESTIONS?

EPA's eBeaches Data System and Verification Tool (vT)

Great Lakes Beach Association Conference

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US EPA

October 5, 2016

