SUBMISSION METHOD SELECTION INSTRUCTIONS

11/09/07

Steps To Select Pathway To Submit State eBeaches 2007 Season Data

(Assumes you have an EPA CDX ID; if not, for eBEACHES contact Bill Kramer; kramer.bill@epa.gov , 202-566-0385)

Option 1 – Use State Node

1. Contact your State Node Administrator to determine what it would take to use your state Node to submit eBEACHES data. For contact information for your State Node Administrator, see:

http://www.exchangenetwork.net/progress/index.htm (in map, click on state)

2. If you decide to use the State Node, your Administrator will create a National Authentication & Authorization System (NAAS) account. You will need to contact the EPA to have that account associated with your CDX account, contact nodehelpdesk@csc.com 888-890-1995, option 2.

3. If you decide not to use the State node, you will still need an NAAS account and have it associated with your CDX account (as in 2, above) to use a node client (Step 4, below).

Option 2 – Use Node Client software

4. Download and install node client software; e.g., from

http://www.windsorsolutions.biz/nodeclient2007/ (Node Client Lite)
Instructions – see Appendix A

or

https://test.epacdxnode.net/test/ (Web Node Client - does not retain transaction history)
Instructions – see Appendix B

5. If you decide not to use a node client, use the eBEACHES pathway on EPA's Web-CDX.

Option 3 – Use Web-CDX

6. This pathway https://cdx.epa.gov/SSL/cdx/login.asp supports all 3 data types: (1) locational data beach location (lat/long) reach indexed using WebRIT or PC RIT, and stored in the Reach Address Database (RAD), (2) monitoring data (via WQX to STORET Warehouse), and (3) notification data (actions stored in PRAWN).
Instructions – see Appendix C

For guidance and technical assistance, see:
http://www.epa.gov/waterscience/beaches/grants/datausers/index.htm

Appendix A

[for user support, Nodehelpdesk@csc.com 888-890-1995 option 2, Joe Carioti]

I. TO CONNECT

1. on desktop, open icon
2. To connect, in New Connection pane, select [first use test mode]:
   a. (in test mode) https://test.epacdxnode.net/cdx/services/NetworkNodePortType_V10
After successful test, get Production password from WQX, then use production connection:
   b. (in production) https://cdxnode.epa.gov/cdx/services/NetworkNodePortType_V10
3. Set status to correct mode
4. Account - enter as registered (then will pre-populate)
5. Enter Credentials
6. Click Connect (to submit test or production XML file created with, e.g., EPA Monitoring Access Database, go to III.)

II. TO GET DATA – e.g., see transactions and results

1. In left pane, Things I Can Do, click on Get Data
2. In Request pane, Data Flow, use dropdown to select WQX (last one)
3. Service – select WQX.GetTransactionHistoryByParameters_v1.0
4. Parameters – enter none or more, eg: orgid [WQXTEST], transaction id, filter for begin/end dates
5. Request Type - select output form
6. Click Submit
7. In Data Request Results pane: file saved to folder with name based on:
YEARMONTHDAYHOURMINUTESECOND, e.g.
C:\20070830124954
8. go to location to open folder and view files
9. open transaction file, find most recent at bottom, copy transaction id; e.g., 14fd9e21-c495-4c7f-a309-f3dd522b97bc
10. go to IV DOWNLOAD

III. UPLOAD

1. In left panel, Things I Can Do, click Upload
2. Upload Panel, Data Flow = WQX
3. Transaction ID – [if pre-populated, delete]
4. click "Add "
5. select file(s) from your directories (.zip or .xml), address will appear in "Selected File(s)" window
6. click Submit, should get "Document Submission Results"
   a. verify information
   b. block and copy transaction code (use <Ctrl C>) e.g., 14fd9e21-c495-4c7f-a309-f3dd522b97bc
7. IV.GO TO DOWNLOAD

IV. DOWNLOAD

1. In left panel, Things I can Do, click Download
2. Download panel, Data Flow = WQX
3. Transaction ID, paste e.g., 14fd9e21-c495-4c7f-a309-f3dd522b97bc
4. Selected Directory (where file will download to)
5. click "Submit"
6. In Document Download pane:

7. file saved to folder with name based on: YEARMONTHDAYHOURMINUTESECOND, e.g. C:\20070830124954 (.zip)

8. look at Processing Report file – see error message if any at bottom; use to reply to state or to fix

9. After successful test, send processing report to nodehelpdesk@csc.com with request for production password

For other features, see: http://www.exchangenetwork.net/schema/WQX/1/WQX_FCD_v1.0.pdf

Appendix B

These are the steps you will need to follow to submit a file using the Web Node Client:

1. Create the submission file
   a. Create a zip file
   b. Put the XML file and any files referenced as Attached Binary Objects in the zip file
2. Log into the web node client
   a. In your internet browser, go to https://test.epacdxnode.net/test/
   b. Click Authenticate on the navigation bar on the left
   c. Enter your User Name and Password
   d. Enter this Node Address: https://cdxnode.epa.gov/cdx/services/NetworkNodePortType_V10
   e. Click Invoke
3. Submit the file
   a. Click Submit on the navigation bar on the left
   b. For the Dataflow, select WQX
   c. Click Browse
   d. Highlight your submission file
   e. Click open
   f. For Document Type, select ZIP
   g. Click Invoke
   h. Copy the Received Transaction ID into a text file
4. Check Status
   a. Click Get Status on the navigation bar on the left
   b. Verify that the Transaction ID is the same as the Received Transaction ID you copied
   c. Click Invoke
   d. Verify that Received Response is "SUCCESSUL" or "FAILED"
      i. If the Received Response is not "SUCCESSFUL" or "FAILED" you must repeat the Check Status instructions until it is. Small files will be processed almost instantly, but larger files can take 20 minutes or more.
5. Download Results
   a. Click Download on the navigation bar on the left
   b. Verify that the Transaction ID is the same as the Received Transaction ID you copied
   c. For Dataflow, select WQX
   d. Click Invoke
   e. Find the error report in the Document Name column
   f. Click Download in the rightmost column of the row which contains the error report
      i. If there are errors, correct the errors and resubmit

Appendix C

0. Bill Kramer will pre-register you to the CDX Help Desk as an eBEACHES user for the new Notification flow to WQX . You will receive an e-mail from EPA CDX HELPDESK with instructions:

    a. If you already have a CDX ID and password: how to add this new monitoring data flow (account profile)
    b. If you are new to CDX: how to register for all eBEACHES data flows (account profiles)

1. Once registered, you will be directed to https://cdx.epa.gov/SSL/cdx/MyCdx.asp where your available account profiles will be listed. Click on the link for the type of file you want to submit.