SWAMP Data on BDAT Site

- The SF Bay Area SWAMP program provides water and sediment chemistry, toxicity and pathogen data as well as time series data on the BDAT website. Time series (continuous monitoring) basic water quality data is available on BDAT through a Time Series Database maintained by regional SWAMP staff and the Department of Water Resources (DWR).

-Water quality indicators that SWAMP monitors and provides on the BDAT website include:

Total coliform bacteria
Fecal coliform bacteria
E.coli
Water chemistry (metals, organics)
ELIZA for diazinon and chlorpyrifos
Hardness
TSS, TDS
TOC, DOC
Turbidity
Water Velocity (discrete measurement only)
Nutrients
Chlorophyll
Water toxicity
Sediment chemistry (metals, organics)
Grain size
Sediment toxicity
Continuous Monitoring: water temperature, dissolved oxygen, pH, conductivity

Please see the following for instructions on how to access SWAMP data on the BDAT website.

For additional information or questions about SWAMP data, please contact the SF Bay Area's SWAMP Data Manager:

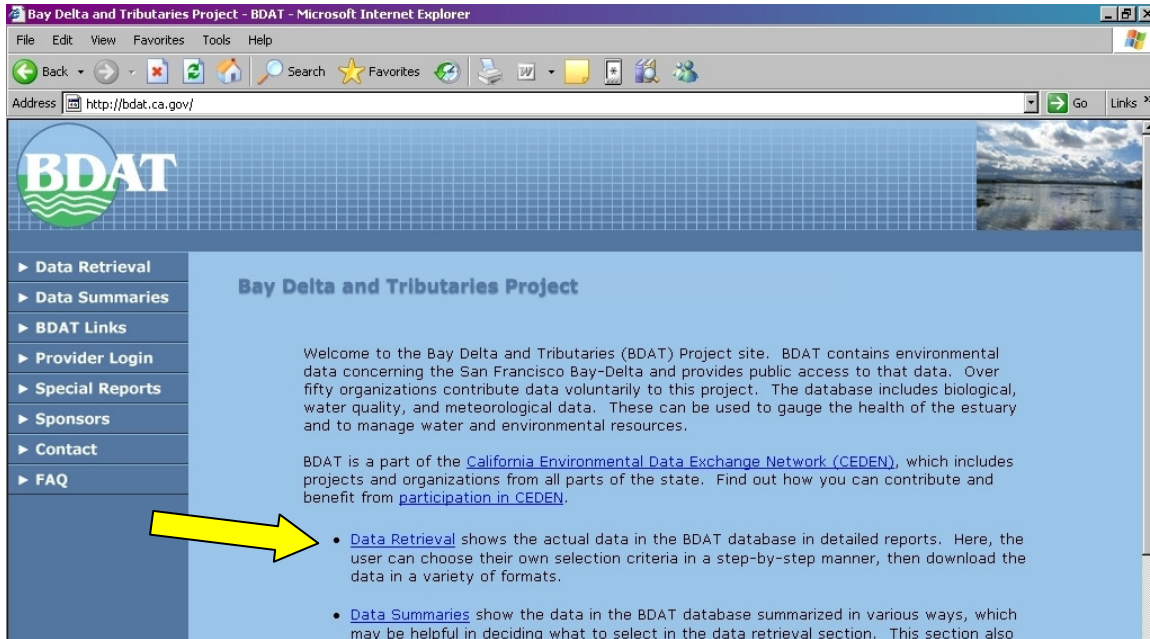Karissa Anderson, SF Bay Area SWAMP Data Manager
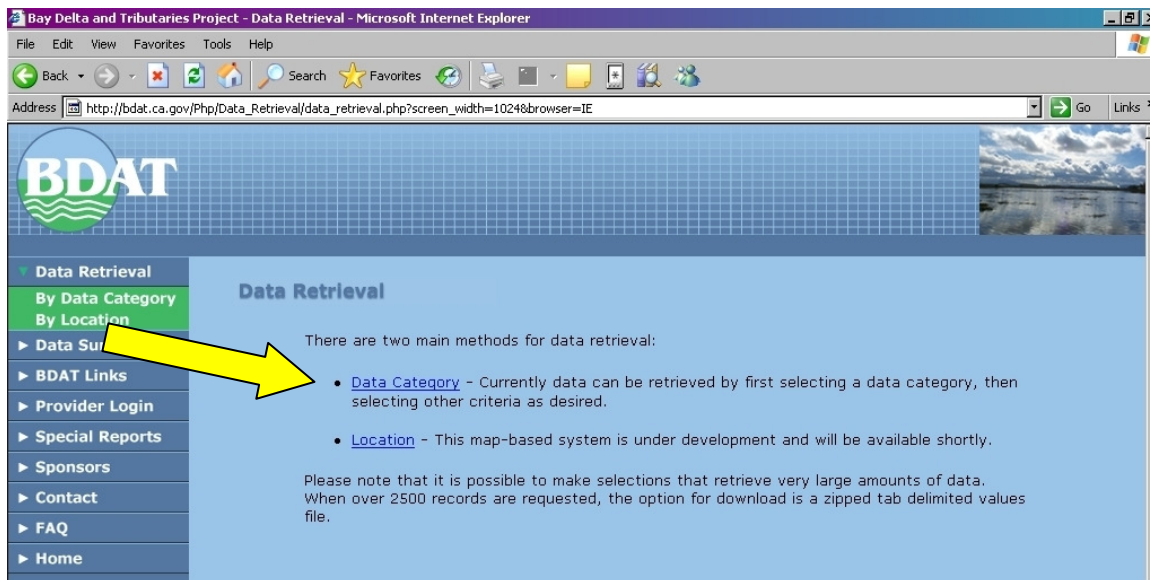kaanderson@waterboards.ca.gov
(510) 622-2318

Instructions to SWAMP Data on BDAT Site
(last updated May, 2007)

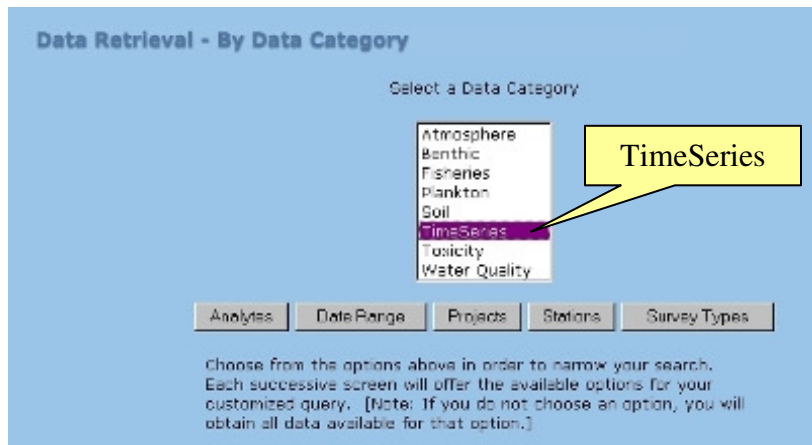1) Go to BDAT website – http://bdat.ca.gov/

2) Click on Data Retrieval (first option).

3) Click on Data Category.

4) Select a Data Category (Time Series for this example) from the list; a series of option buttons will appear below the Data Category window.
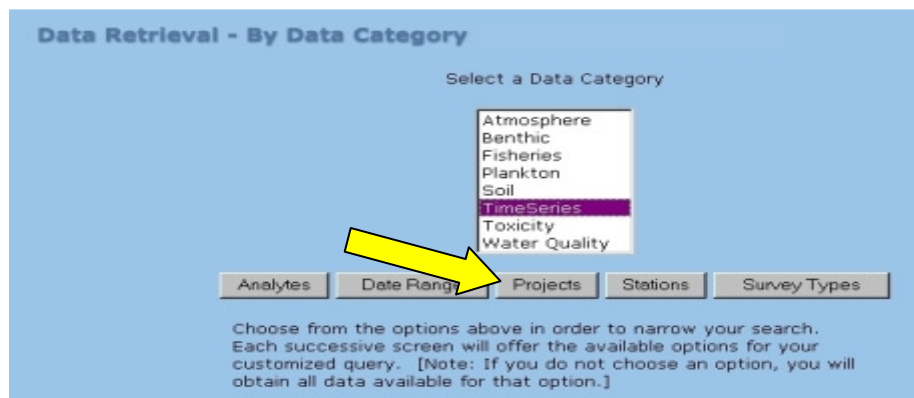

5) To select SWAMP data, click the Projects button.
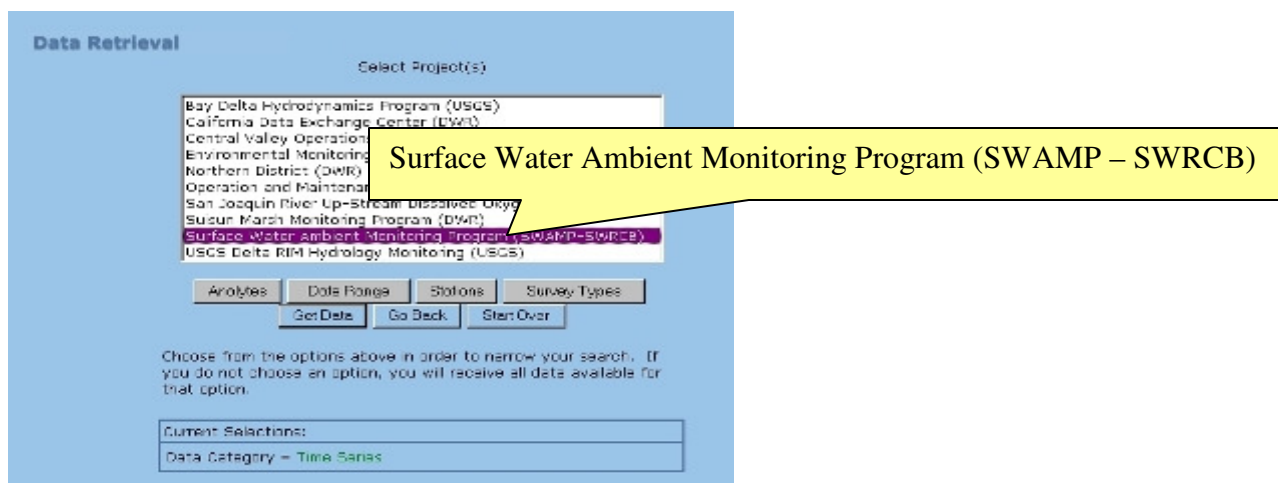
6) Select Surface *Water Ambient Monitoring Program (SWAMP – SWRCB)* from the list. A group of buttons will appear below the Projects List box.

7) Click on the Analytes button (below the list of projects window).

8) When this screen (shown below) appears, select one or more analytes; to select more than one, hold down Ctrl to highlight each analyte. If no analytes are selected at this point, the output request will contain all data available.
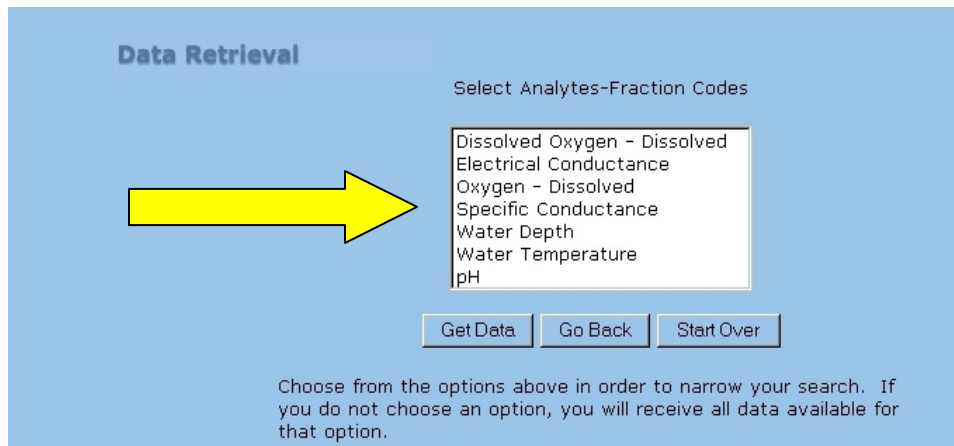
9) Once the analytes are selected, additional buttons will appear on the screen below the window. Click on the Date Range button (see below).
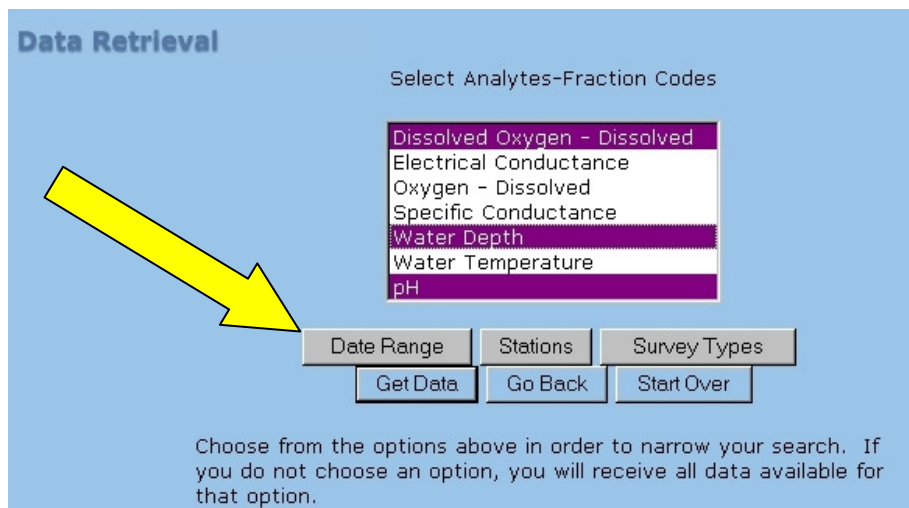
10) When the Select -Date Range screen (below) appears, use the drop-down menus to enter the dates desired (if no range is selected, all available data will be retrieved).

11) When you've specified the date range desired, click the Stations button. (**Note:** The selections made so far will appear at the bottom of the screen in the ***Current Selections*** box. If you need to undo or change a selection, click either the Go Back or Start Over button. See below.)
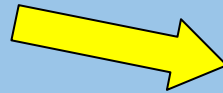
Current Selections Box:
Shows all specifications already selected up to this point.
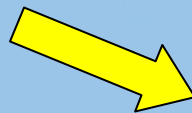
12) After clicking on the Stations button, select the desired stations from the list that appears (hold down Ctrl while selecting to highlight multiple – see below). If no stations are selected, data for all stations will be retrieved.

13) After selecting the desired stations, click the Get Data button (see above). The screen below will appear.

14) Select the fields that you'd like to displayed in the final product from the list (hold down Ctrl key to select or un-select multiple fields).

15) Next select how you'd like to view and receive the data. The number of records that will be generated is displayed at the top of the page (see arrows above).

16) If the data is less than 2500 rows, all four options are available (see last page of instructions for a sample Excel spreadsheet). Up to 65000 rows can be downloaded directly from the website. For a larger file, the only option is to receive a link sent through email.

If you select "Email a link to download all data," a box will appear for you to enter an email address. Enter the address and click the Get Data button.

The following pop-up box will appear confirming the request.
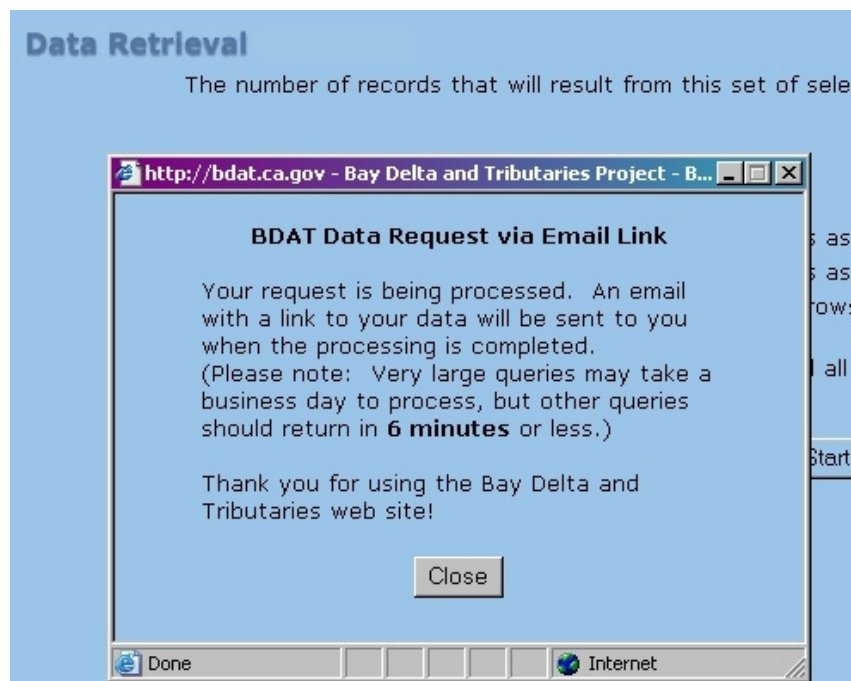
17) Once a data display/format is selected, (if not selecting the email option) click the Get Data button to finalize the request.

18) For toxicity data, steps 1-17 are the same. Below is an example of what the *Current Selections* box (see Step 11) would look like for toxicity data.

19) All steps 1-17 are the same for Water Quality data. Below is an example of the *Current Selections* box for Water Quality data.

- The Excel format (see Step 15) will appear as an Excel spreadsheet (see below) which can then be opened or saved.

Example of Excel spreadsheet from BDAT site:

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