

Notification Data to PRAWN (Schema 2.4 and/or Access Database v2.3, February 3, 2017 or later)

1. By **January 31, 2021** each jurisdiction (state, tribe and territory) submits its **2020** Season notification data to PRAWN.
2. Upon completion of submissions, notify Bill Kramer (kramer.bill@epa.gov). **Bill will update the jurisdiction status from “submitting” to “verifying” on: <https://ofmpub.epa.gov/apex/beamcon2/f?p=beamcon2:50:13625461014736:>**
3. Because EPA cannot know what beach or action entries are missing, as soon as possible after their final submission each jurisdiction verifies their notification data in BEACON. The date for completion of verification (including corrections) is **March 31, 2021**. (For guidance on conducting a verification, see Appendix A and accompanying files). If complete and correct, notify Bill; if not complete and correct, go to 4.
4. If the data is not complete and correct, the jurisdiction uses the documents on the “Submitting to EPA” webpage in conjunction with CGI Federal if necessary, to submit corrections to PRAWN.
<https://www.epa.gov/beach-tech/submitting-data-epa>
5. If requested by the jurisdiction, Bill will direct CGI Federal to; e.g., create new beach IDs, or revise “Historical status” data and then notify the jurisdiction. The jurisdiction will then submit any new or revised data to PRAWN as necessary (including initial data for new beach IDs, attribute and L/L data), and then conduct another review of BEACON and if it is accurate, notify Bill.
6. If the BEACON report appears to misrepresent otherwise correct and complete data, please describe in an email to Bill the query settings that were used, for EPA review and corrective action.

Monitoring Data to WQX/Water Quality Portal (WQP)

7. By **January 31, 2021**, each jurisdiction submits its **2020** Season monitoring data to WQX.
8. Upon completion of submissions, notify Bill Kramer (kramer.bill@epa.gov).
9. As soon as possible after their final submission each jurisdiction reviews their data in the WQP (usually the Wednesday or Friday after upload from WQX) and/or in the BEACON Water Quality Report (usually the next day); and if complete and correct, notifies Bill.
10. If the data is not complete and correct, the jurisdiction submits new or revised data to WQX and then conducts another review and when it is accurate, notifies Bill.

EPA Post-verification Review (Dx)

11. EPA conducts a post-verification review of BEACON (Dx) to characterize the quality of the national dataset and to determine plans for updates for the next reporting cycle. This review may result in questions to individual jurisdictions regarding, for example, plans for periodic submissions during the year, corrections, or additions of data for optional data elements (see step 5 above, upon notification **Bill will update the jurisdiction status from “verifying” to “complete” on: <https://ofmpub.epa.gov/apex/beamcon2/f?p=beamcon2:50:13625461014736:>**)

For jurisdictions that have already begun their review, if we are working with you on data issues you should discuss with us whether to wait until they are resolved or whether to begin to verify the balance of your data. If you begin to verify the balance of your data and discover additional issues for which you need our assistance, let us know.

Appendix A (for Notification Data from PRAWN as viewed in BEACON)

Review (if you did not prior to your submissions) notes on changes yet to be made to previous year submissions.

- Roll forward unchanged attributes for all BEACH Act beaches (only need to change Effective Year)
- Change or delete any prior data as necessary
- Add any new data
- If you have data that you do not want carried through from year to year, please see the FAQs and contact us and we can offer a suggestion based on the data element and/or the information.

GUIDANCE DOCUMENTS

1. See the “Submitting Data to EPA” page (previously “Data Users” page)
<https://www.epa.gov/beach-tech/submitting-data-epa>
 2. General FAQs – **consolidated including new for 2020, posted 8/7/20.**
 3. BEACON User Guide – current posted **or for Release 2.4 June 22, 2020 or more recent**
 4. Accompanying this Verification Process, a separate file: **Verification Matrix for 2020 Season.**
 5. And/or use the verification Tool (vT) – 5th release (v 1.1) and User Guide, October 10, 2018
- To display all BEACH Act Beaches (including non-reporting T4 and Historical) in the BEACON Wizard, Step 2, remove checks from Active and Inactive and add Private. Non-BABs can be displayed by adding a green check, they will show in the main Beach Profile report.**

Suggested Report Review Sequence: (To check for completeness, correct values)

Beach Attributes Report

- Do not Include non-BEACH Act Beaches or Federal properties. **Let us know non-BAB beach ids and we will mark them Historic. (FAQ definitions, electronic p. 38) <https://www.epa.gov/sites/production/files/2018-08/documents/faqs-2018-seasonal-data.pdf>**

If a beach does not have L/L data (or if it changes), let us know when you send the L/L to PRAWN and we can map them for you. Mapping (indexing) will be needed because we are considering using jurisdiction total beach length as a weighting factor in the allotment formula based on the lengths calculated from the indexing, rather than reported lengths.

Possible Pollution Sources

- Lists each source type identified across years, even for beaches with investigation but w/o actions. **Those beaches not investigated (or investigated with sources found but no further source information) should at least have the “unknown” source listed (next to right-most source column).**
- Cross-check against Beach Action report, each action’s sources, should show.

Beach Actions (Advisories and Closures)

- **Main report:** if actions based on monitoring, check that the beach in the Beach Profile report has a Monitoring Frequency > 0
- **Swim Day length “Time Beach is open (in hours)” value present?**
- **Check for missing prior year data exposed by the 5-yr charts in the DNR and BEACON (back to 2010). [please see “New Trend Charts” item at end of this document] Those years’ data should also be in your Database of Record.**

- **Detailed Report:** to check for duplicate actions (only need to check if Detailed report totals > Main report totals) **If they are duplicates, you can remove them (see the Notification User Guide section 3.1.6; the vT User Guide G.2.4; or have CGI assist you to remove them.**
- **Are there overlapping actions (multiple actions at the same beach on the same day(s)) – if so, these will make the counts here and percentages in the State Summary report incorrect.**
- Note also, that the detailed report shows “Comments” columns.
- **Check to see that any COVID-19, SARS-CoV-2 related reason/source/indicator comments are displayed in the detailed report.**
- Action-specific sources will automatically show in the Possible Pollution Sources report
- Station IDs for beaches with actions will automatically show in the Beach Profile details (click on Beach ID)

Beach Profile - defaults to main report

Waterbody name and type, are required if the beach is on a Great Waterbody (if on a Great Lake, specify which lake)
 Note BEACH Act beaches (BAB) used by the public but in a **permanent** non-reporting status, beginning with the 2017 season, should be Tier 4. **If non-reporting (at least actions) for 2 seasons or less, mark “Dormant.” If longer than 2 seasons request “Historic” status.**

You can use the new Beach Act Beach (BAB) column to identify beaches that should not be marked non-BAB. For beaches that should be marked non-BAB, reset their flag and request “Historic” status).

To view all beach profile data elements indicated in the matrix, be sure to click on a sample of Beach IDs, as many of the data elements are not in the primary report. **For example, although Local Decision Action Procedures to notify the public show in the new LAPD Report (see below), the Beach Profile report is the only place where assessment and internal LADPs show.** If deficiencies are found in a sample of individual Beach Profile reports (e.g., sample by county and/or monitoring status, and/or Tier and/or ownership/access), your submission file may have a systematic error.

Beach Profile alternate Season and Monitoring Frequency Report

The Beach Status column facilitates confirming that Non-reporting (Dormant and Tier 4) beaches have a value of “0” for: season length, advisory reporting frequency to EPA, and Monitoring reporting frequency to EPA. **A Dormant beach may be monitored but not have advisories/closures issued and still be considered dormant if it is not open to the public. All other beaches should have values for those data elements.**

Beach Profile alternate Contact Information

Check all beaches for submitted data. (May use a jurisdiction-level webpage if beach-level information is found on that webpage).

Local Action Decision Procedures

This new report, for each beach: Identifies Local Action Decision Procedures (LADP) used to notify the public of beach actions. The list is sorted by county and beach name. For details on a particular beach see the Beach Profile report. If you don’t see a beach in the report, it means that the beach does not yet have Local Action Decision Procedures associated with it for the year(s) selected. To see the latest LADPs; in the Wizard, step 2, do not select a year. The Beach Profile report (click on Beach ID) is the only place where assessment and internal LADPs show (see above).

WQS Criteria

This report presents a table of all WQS criteria values for all BEACH Act beaches. **This report includes monitored and non-monitored beaches because all BAB waters have primary contact WQS.** Note: WQS criteria values were required beginning with the 2016 Season submission.

Water Quality

- If results are found, check that Monitoring Frequency is > 0 for the related Beach IDs, even where no actions resulted.
- Check to see that the whole beach season (& off-season, if monitored) has data by sorting on "Start Date".

New Trend Charts

We have added new multi-year Trend Charts (like those found in the Dynamic National Report - DNR) to the following reports. You should review the completeness of prior-year data for at least 2016-2020; but also, back to include 2010, and if necessary update your database of record.

See:

Action Duration (DNR Chart 4)

Pollution Sources (DNR Chart 3)

State Summary

- Number of Program Beaches, Number monitored, Percent monitored ... (DNR Chart 1)
- Percent Time Open w/o Notification Action (DNR Chart 5)
- Percent beaches with Notification Actions (DNR Chart 2)

https://usepa-my.sharepoint.com/personal/kramer_bill_epa_gov/Documents/OBEACHES/0 QA Annual/2020 Season/Verification Process for 2020 Season FINAL.docx