

Department of Ecology

Water Quality Assessment for Washington

Water Quality Partnership
September 18, 2008



Public Review Process for the 2008 WQ Assessment

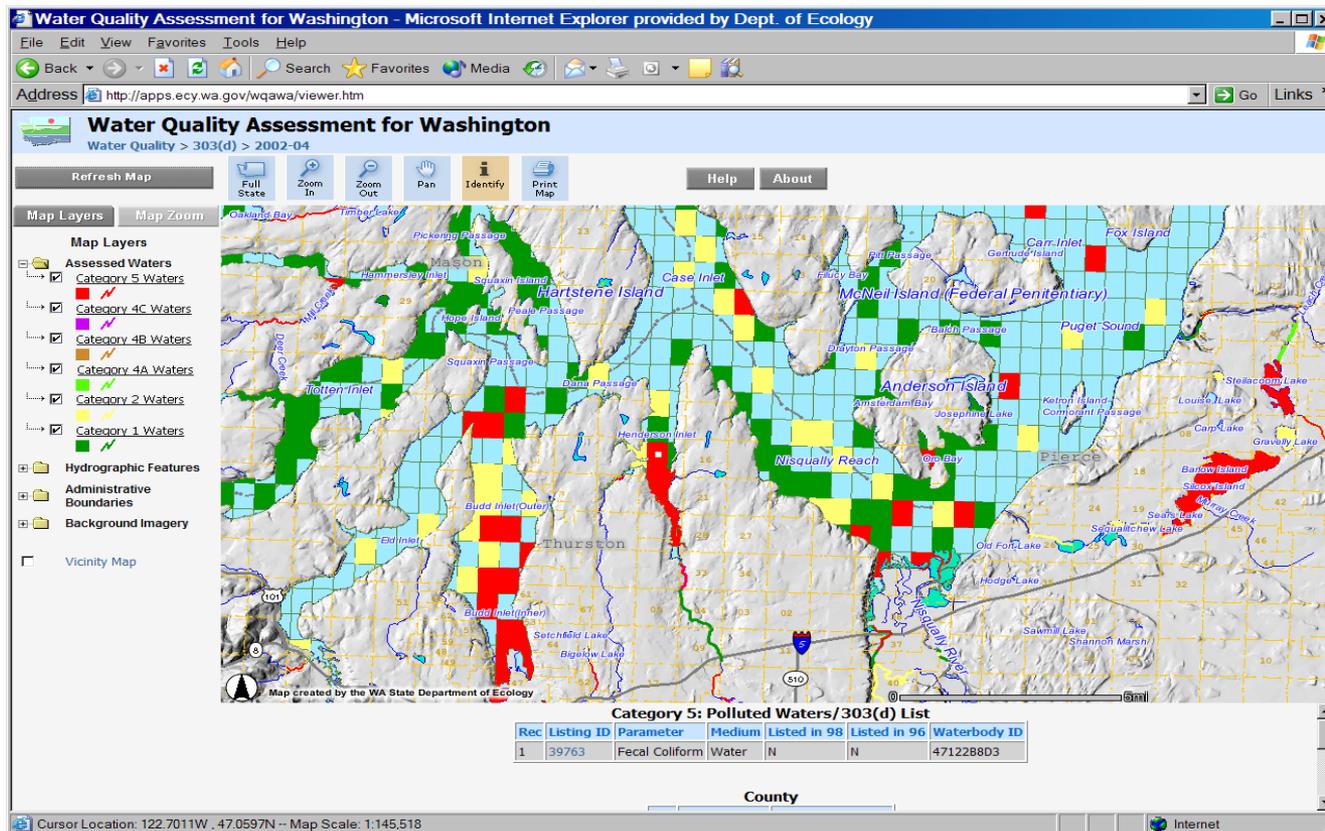
- Listing Policy & Credible Data Policy were revised Summer 2006 & finalized September 2006
- 60-Day Public “Call for Data” was held Fall 2006.
- Two public reviews were held:
 - 1st Public review ended March 21, 2008.
 - An additional 2 week public review ended April 30, 2008.
- 2008 Assessment & Candidate 303(d) List was submitted to EPA June 24, 2008.
- We anticipate approval by EPA at any time.

EIM



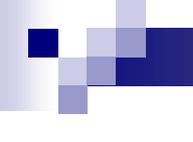
- We required, where possible, that data be entered into the Environmental Information Management (EIM) database in order to be used for the WQ Assessment. We also took the initiative to offer training throughout the state on EIM.

We used the 1:24,000 scale map instead of the larger scale 1:100,000. For all of the 15,000 records, we identified the Lat-Long identification (LLID) which will allow us to move toward the National Hydrography dataset when it become available in Washington.



Improvements to Query and Map Tool

- The Query and Map Tool now shows not only water quality data results but also contaminated sediment data results. The simple query and map tool can be tailored for either medium.
- Puget Sound Actions Areas were added to the Query Tool
- The ability to query by Counties was added.
- The Basis for listing now has much more detail than ever before
- Query by EIM Study Codes now available.



Lessons Learned from 2008 Assessment Process

- EIM Station Location IDs took a considerable amount of time-delayed Assessment process
- Going out for a 2nd Public review caused frustration from the public
- Data coming in late caused problems and delays

What Changed: 2008 WQA counts

	2004	2008	change
Cat 5	2372	3290	918
Cat 4A	809	1414	605
Cat 4B	24	84	60
Cat 4C	377	374	-3
Cat 3	0	7751	7751
Cat 2	3073	3264	191
Cat 1	10750	5223	-5527
Total	17405	21400	3995

Some Factoids on the 2008 Assessment Results

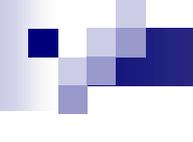
- 205 Studies/Grants/Data Submittals
- 2 million data points assessed
- Data from every County and every WRIA
- 50 Different parameters on Cat 5
- 4 parameters (T°, FC, DO, pH) account for 84% of Cat 5

Category 4B- Other Pollution Control Program

- 24 to 84 listings
- Eastern WA Livestock Program – 48 listings (T°, FC, DO, pH)
- Kitsap-32 listings (FC)
- Forest Service – 2 listings (T°)
- Entiat – 1 listing (T°)
- Sinclair Inlet – 1 listing (PCB)

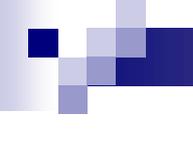
Future—What's Next

- We'd like to move to an annual call for data so that we can get data more timely and work on getting data in proper order for Assessment (locations, QA, etc).
- Do tweaks to Policy 1-11 as needed but not a big overhaul.
- Segments will be the “Big Deal” next cycle. We want to present/discuss related issues at a future Partnership meeting.



Inching Towards Continual Listing Process

- Moving listings to Category 4A after EPA TMDL approval
- Adding listings to Category 5 during TMDLs
- Moving listings to Category 1 after TMDL and other implementation actions completed



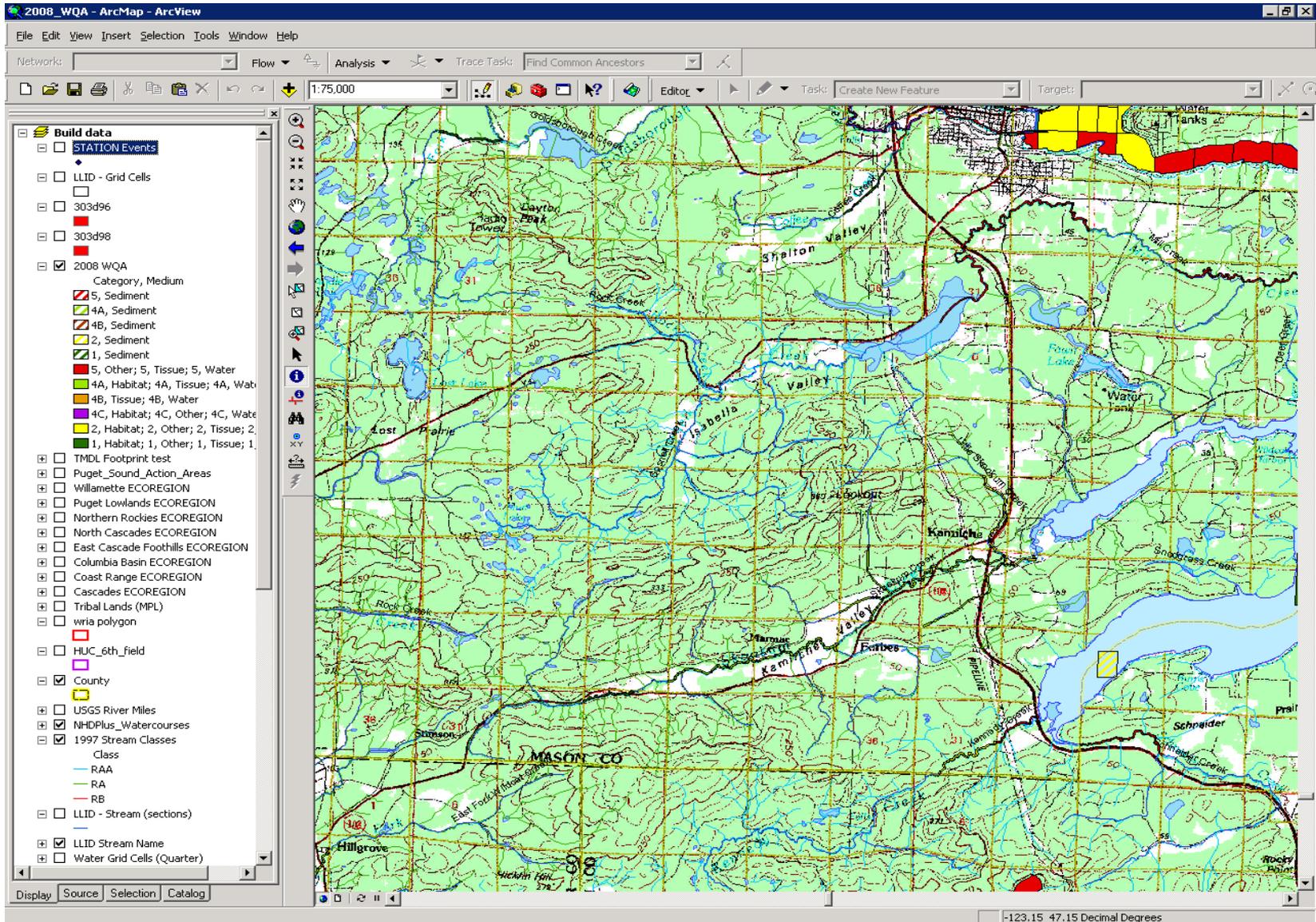
Next Water Quality Assessment Schedule

1. Initiate an Annual “Call for Data” to be used in the next Assessment Cycle, starting Fall 2008.
2. Revise Policy as necessary, including new segmentation system using NHD. Conduct public review of draft policy.
3. Assess data collected using the revised policy and provide results to public for comment.
4. Finalize Assessment based on public comment and submit to EPA for approval of the 2010 Category 5 list.

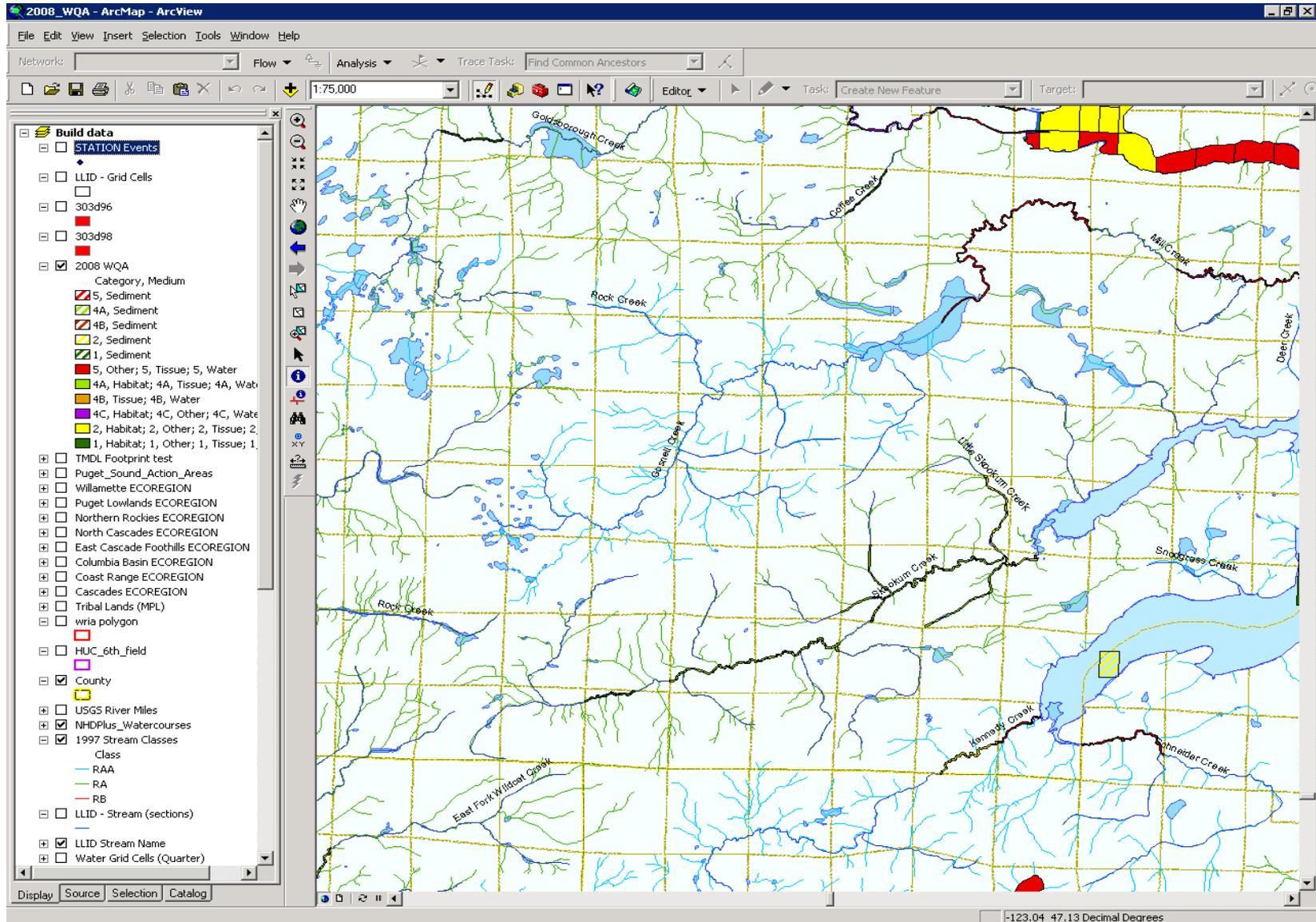
Anticipated Move to NHD: Segmentation for 2010 List

- Initial draft definition: A segment is that portion of a stream as defined as a 1:100K NHD Reach to which a particular standard applies.
- Based on confluence-to-confluence.
- 1:24K Streams will generally map out in their entirety.
- No changes for Lakes and Marine areas.

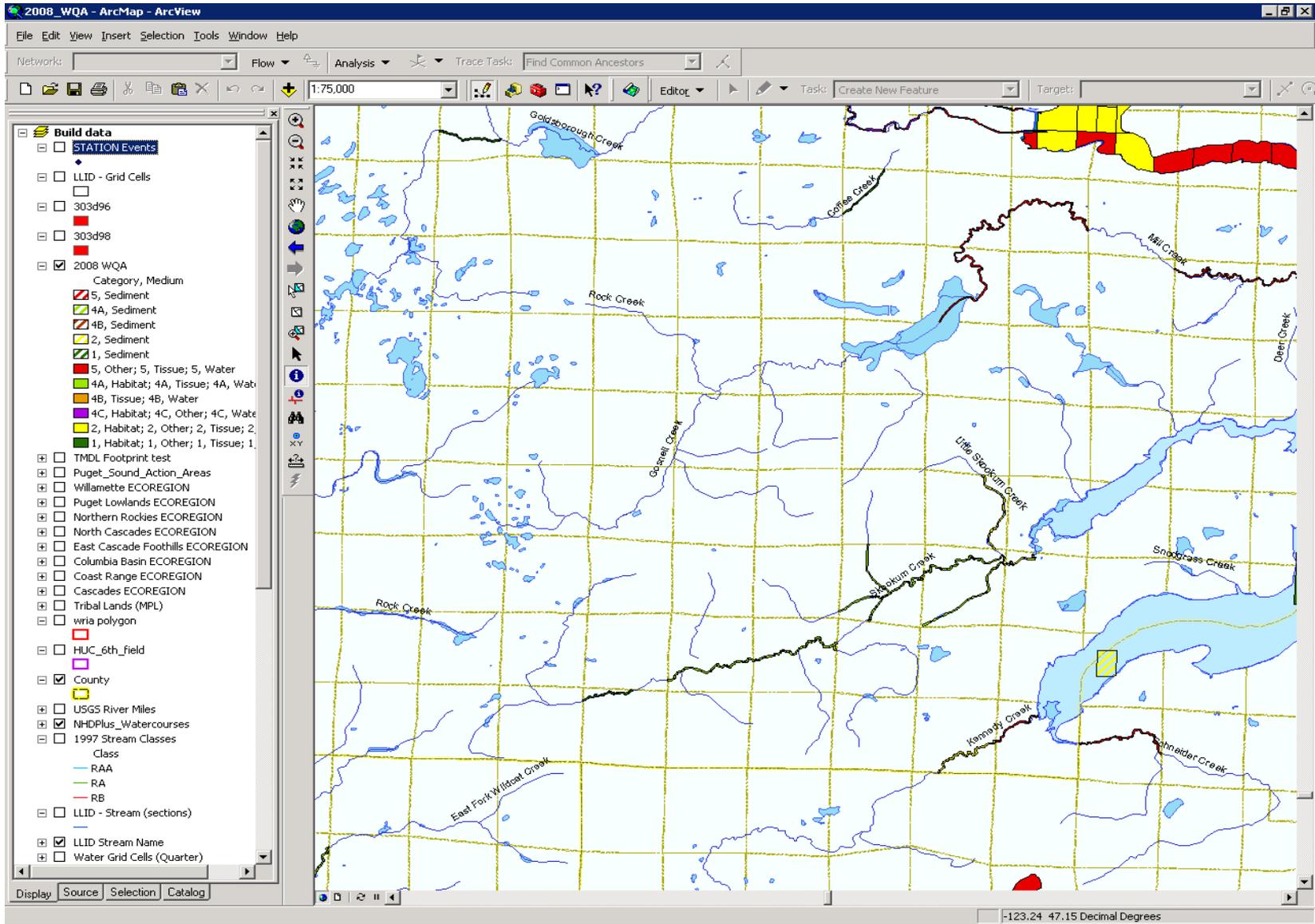
Somewhere west of Totten Inlet



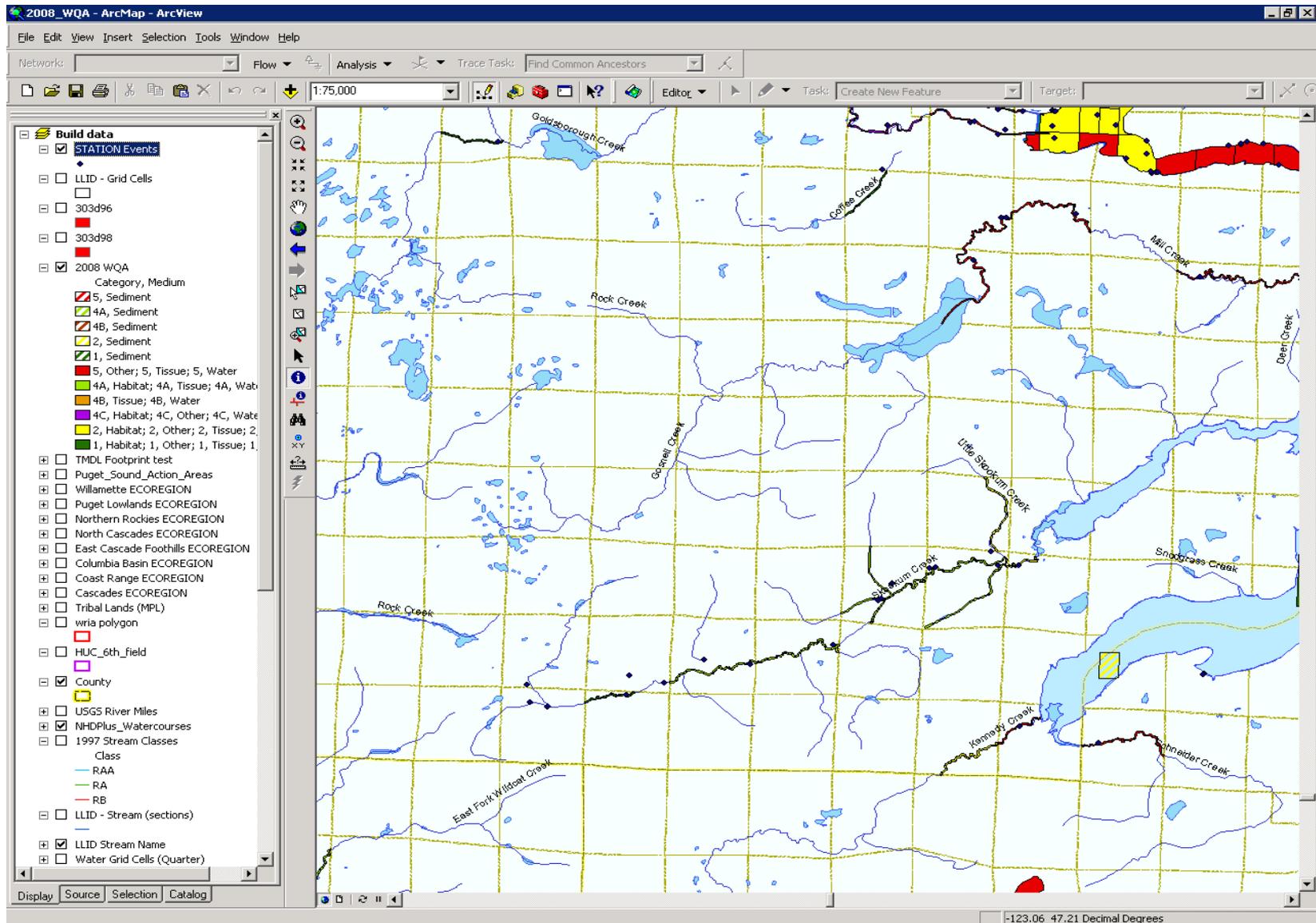
Topo layer removed

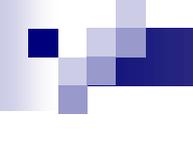


1:24K Stream removed



Stations added





Stakeholder Feedback

- Feedback from partnership:
 - Ideas on presenting information
 - What worked, what didn't
 - Ideas for next listing process

Where do I find the Water Quality Assessment?

- Visit our website at:

www.ecy.wa.gov/programs/wq/303d/2008/index.html

- Information on categories can be reviewed through:
 - An Internet Mapping tool
 - A simple query tool developed to allow tailored waterbody listings

Water Quality Assessment for Washington

For further information contact:

- Mike Herold: (360)407-6434
 - by email at mher461@ecy.wa.gov

- Ken Koch: (360) 407-6782
 - by email at 303d@ecy.wa.gov

