Data Standards for My Water Quality Portals

Tony Hale, tonyh@sfei.org
Erin Reddy, erin.reddy@water.ca.gov

Revised Objectives

- Make data as accessible as possible in the correct format for the target user groups (which you have identified)
- Facilitate data sharing between workgroups such that information compiled by one group can be used by others in their work
- Minimize cost and effort associated with data upkeep

Discussion Notes

- For the sake of economic and workflow calculations, the focus for this document is not an already integrated data, but rather datasets that are as yet to be developed or will be reworked in the near future.
- The primary audience is the Portal Workgroups, but secondary audiences would be website organizations and the general public.
- A document such as this potentially has great utility if it has clearer objectives built in
- It should articulate data quality processes and purposes so that people will have confidence in the data as it has been prepared for a particular need
- Costs, consequences, and future pathways for adoption should be made apparent
- An implementation plan should be developed and shared broadly
- To aid in transparency and ease of adoption, the data standards should be modularized so that Workgroups can bring future development into compliance incrementally

Identified Problems

- Workgroups have a steep curve for developing and renewing their data
- Lack of sharing among theme workgroups and portals
- Lack of standards for sharing to the broader community of scientists, agencies, organizations and other stakeholders

Next Steps

- Report findings to Data Management Workgroup
- Better define the objectives by incorporating meeting feedback and Erin's suggestions. Incorporate an emphasis on audience and data quality.
- Develop a strong use case with an emphasis on benefits
- Discuss the data standards with additional workgroups
- Define any associated costs associated with data standards implementation
- Detail the plan for data standards implementation – rollout, timeline, required resources – and share the implementation plan with the Council and workgroups

Feedback

Attending: Shakoora Azimi-Gaylon, Eric Stein, Dave Dill

- Lack of focus on QA/QC definition, process, and purpose
- Lack of clarity on objectives for the document itself and the pathway to adoption

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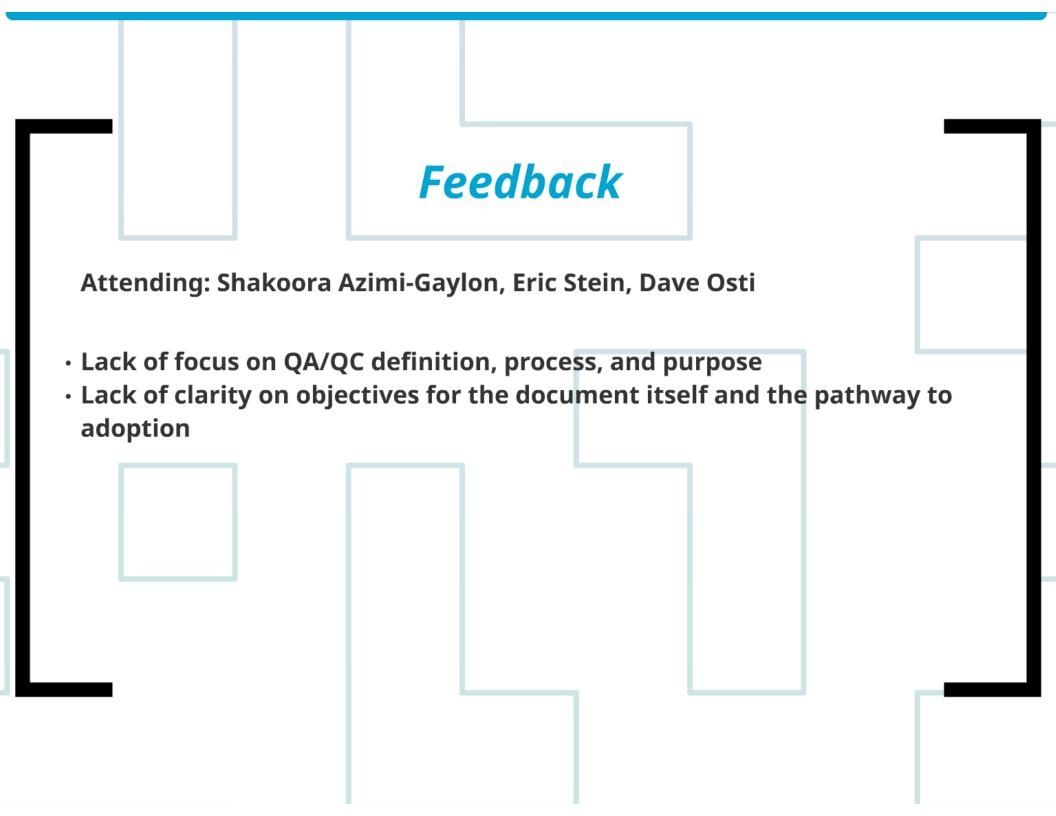
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