

- Reconcile records when importing eWRIMS data (conduct quality assurance and quality control on existing records).
- Provide real-time analysis of individual or grouped diverters impact by stream reach or watershed.
- Compare “reported” data to actual data.

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## Recommendations

While the dialogue series focused on elements of a water rights data management system, participants also discussed other concepts related to water rights data modernization. Based on this feedback and findings from participants in the dialogue series, the Water Foundation has developed some recommendations for the State Water Board as it deploys millions of dollars to transform the water rights data management system.

**Communicate the value of the data.** Potential users need to understand why water rights and diversion data that the state collects are needed and how they inform decision-making.

**Engage with users.** Different users need to understand how to interact with the new water rights system. Consider using different approaches to incorporate feedback from different users throughout the UPWARD project, such as holding public workshops or webinars to primarily educate and reach a larger, non-technical audience, combined with convening smaller groups of diverse stakeholders who are interested in engaging deeply on technical issues.

**Meet with users where they are.** Farmers and communities want the State Water Board to come see how they operate on the ground. This would highlight that agency’s important information sharing and gathering roles, not just enforcement. Similarly, the State Water Board could partner with organizations to identify and join local convenings and workshops where different audiences will already be in attendance.

**Start simple and build with the future in mind.** Consider limiting the initial scope to smoothly implement a few core features, while developing a plan to build out extended features over time. Create a flexible data system that is useful today and will support expanded functionality down the road.

**Consider use cases.** Set the system up to succeed by designing it with important use cases in mind. Design data entry interfaces—including the interface for water right reporting—to