Objective Decision, goal or desired action	Eliminate redundancy and waste-of-resources in the reporting of SGMA-compliance data by GSAs relating to groundwater-levels in aquifers. Saves millions of dollars in capital and operating costs across GSAs for the indefinite future.
Description Important context and background information	This use-case was defined at the OWIA Workshop for the purpose of demonstrating the concept of using a messaging service to streamline the reporting burden on a GSA end-user in reporting groundwater levels. It is a special-case of the general reporting streamlining problem that is particularly important since it addresses an acute need for GSAs yet is broadly applicable to many other reporting requirements throughout the State.
Participants The main decision-maker; also note other parties involved or affected	- Eric Averett (RRBMA) - David Harris (CDWR) - John Helly (UCSD) - Frank Loge (UCDavis) - Tara Moran (Water Data Consortium)
Regulatory context Legal, regulatory, and reporting requirements	This use-case is driven by the legislative requirements of - SGMA and - AB1755
Workflow Progression of steps and specific actions taken by participants to accomplish objective	- Spreadsheets are emailed by the GSA (e.g., RRBMA) to the OWIA server's email address. - The attached spreadsheets are processed into the reports required by SGMA, or any other form for reporting requirements. - The results of that processing are uploaded to the Opendata platform (https://data.cnra.ca.gov) at the State using the published API. State offices then retrieve the data from the Opendata server. The Opendata server is used since the State cannot receive attachments via email.

	• A receipt is generated and returned to the GSA via email to document the chain-of-custody for reporting to verify that the report has been submitted to the State via the Opendata platform. • There is no provision yet for a receipt directly from the SGMA office although that should be added but needs the cooperation of SGMA to implement.
Data sources Existing data sources; data gaps. **Be as specific as possible**	• CDWR SGMA Office reporting template • RRBMA Data Collection spreadsheets designed in collaboration between Averett and Helly.
Data characteristics Notes about type and form of data	The data are UTF-8 encoded, standard data entered in Microsoft Excel spreadsheets and converted to *.csv files for processing into the government-specified report tabular formats.

Additional comments: Include notes on uncertainties, barriers and opportunities, etc.