

Crescenta Valley Water District

CVWD AMI Implementation Kickoff Meeting

Advanced Metering Infrastructure (AMI) Communication Network Project, Project E-1020

November 4, 2020 – 2:30 pm

Attendees

David Gould	CVWD	Mike Hill	Highroad IT
James Lee	CVWD	Mike Holtorf	Highroad IT
Adam Sutphin	CVWD	Bret Vonder Reith	E Source
Jennifer Bautista	CVWD	Nicole Pennington	E Source
Tessa Allmon	CVWD	Jeff Randolph	Aqua-Metric
Wendy Holloway	CVWD		

1. Background - Crescenta Valley Water District (CVWD or the District) has contracted with E Source to assist with the AMI deployment. E Source performed a sole source procurement activity with Sensus, a Xylem Company, via their local distributor, Aqua-Metric.

CVWD has been installing iPERL ¾” and 1” meters since 2012 and these meters are ready to be activated after the AMI Communication network is in place.

The District is seeking to leverage the benefits of the iPERL meters installed in their service area throughout the past eight (8) years.

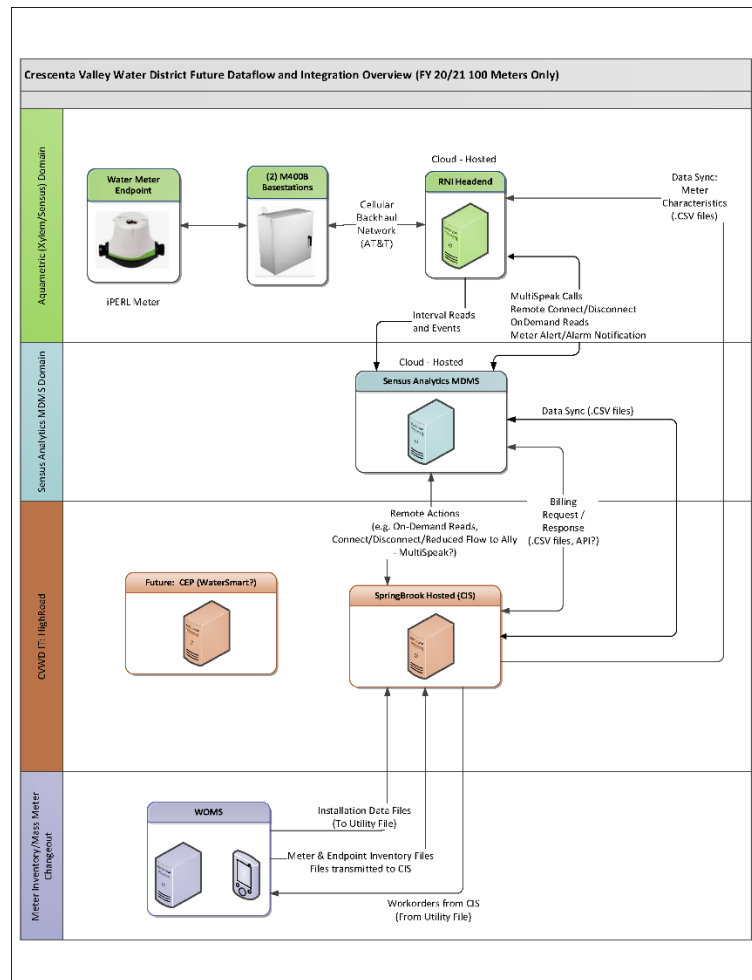
2. Introduction of Teams

- i. CVWD
- ii. Highroad IT
- iii. Aqua-Metric
- iv. E Source

3. Timeline – CVWD AMI Implementation Plan

Issue RFQ	CVWD	09/01/2020
Receive Aqua-Metric RFQ Response	CVWD	09/30/2020
Contracting and Price Negotiation	CVWD/E Source	10/2020
Contract Approval	CVWD	10/31/2020
Base Station Installation Site Walk/Kickoff	CVWD/Aqua-Metric-E Source	11/04/2020
Integration Planning Call	CVWD/Highroad IT/Aqua-Metric/E-Source	11/??/2020 – To be determined
Backhaul Installation and Commissioning	Aqua-Metric	11/2020 – 01/2021
Meter/Radio Procurement and Installation	CVWD	11/2020 – 01/2021
Integration Development and Verification	Aqua-Metric/Highroad IT/E Source	01/2021 – 02/2021
Data Testing and Validation	Aqua-Metric/Highroad IT/E Source	02/2021 – 04/2021
User Acceptance Testing	CVWD/E Source	04/01/2021 – 05/15/2021
Acceptance Signoff	CVWD	05/15/2021
Project Closeout	CVWD/E Source	05/30/2021

4. High Level IT Interfaces



- i. E Source technicians will coordinate a time with Highroad IT to determine the requirements, updates, and changes needed from Sensus and Springbrook for integration.
- ii. Cell modem is included in the scope of work but if cell coverage is not sufficing then E Source may investigate a fiber optic backhaul.

5. Next Steps

- i. Order equipment (Aqua Metric)
- ii. Provide installation specification (Aqua Metric) for Edmund 1 tank (type of brackets, number of holes into the reservoir and details. Note that drilled holes should be at a 3" depth. The concrete tank was built in 1956.
- iii. At Rosemont Reservoir, Aqua Metric should coordinate their work effort with the Structural/Coating contractor for Rosemont Reservoir.
- iv. Coordination with Springbrook (CIS) and Integration
 - a. Aqua Metric, E Source and Highroad IT should coordinate the initial deep dive discovery between Sensus Analytic software and Springbrook integration in November 2020
 - b. Base station installations and provisioning estimated to be installed in early January 2021
 - c. RNI should also be installed in early January 2021
 - d. Sensus analytics working in early January 2021
 - e. Integration of Sensus analytics to Springbrook in late January 2021

- f. Test plan development and testing – February through April 2021
- g. System user acceptance – May 2021
- v. Mr. Gould will send Mr. Randolph the notice to proceed on November 5, 2020.
- vi. Mr. Randolph will provide CVWD with scope of work for the installation of the equipment.
- vii. Mr. Gould and Ms. Bautista are working on the 100 Meters that will be used to test the AMI communication network. CVWD will send the list to E Source within the next two weeks.
- viii. Mr. Hector Gutierrez from Aqua-Metrics will contact CVWD about the smart points.
- ix. CVWD will look into replacement of the meter box lids or drilling into the existing meter box lids for installation of the smart points.

-End 2:54 pm-