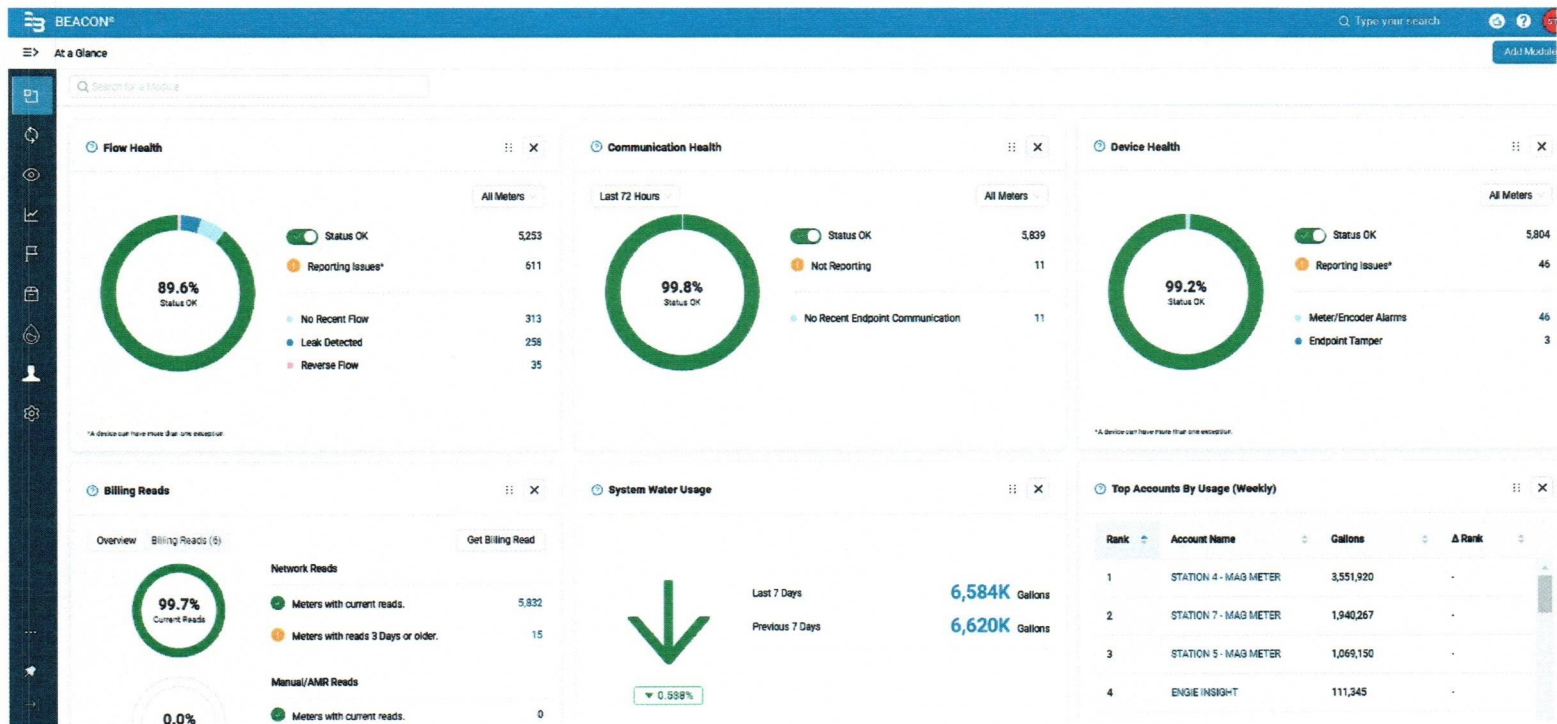
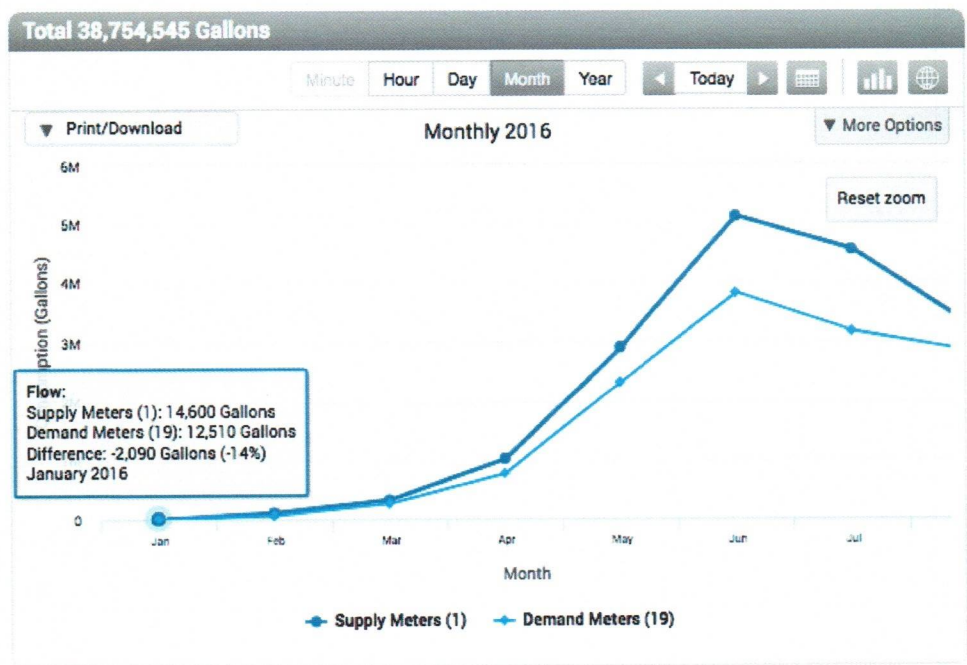


Please find below additional details and screenshots from the software of various consumption graphs and features:

Beacon At a Glance Dash Board



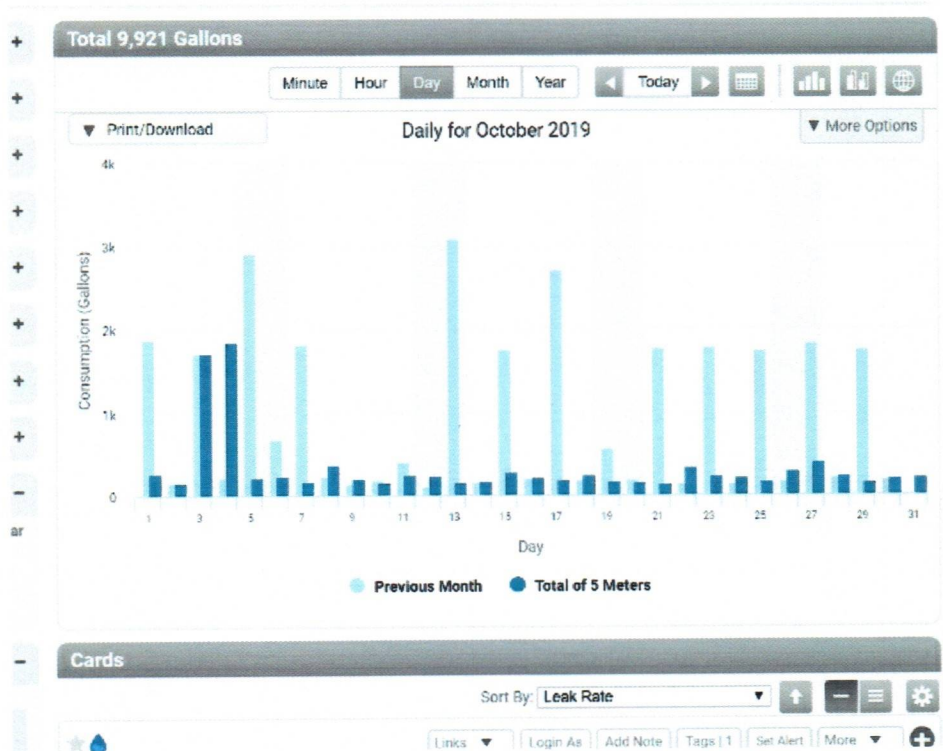
DMA Graph



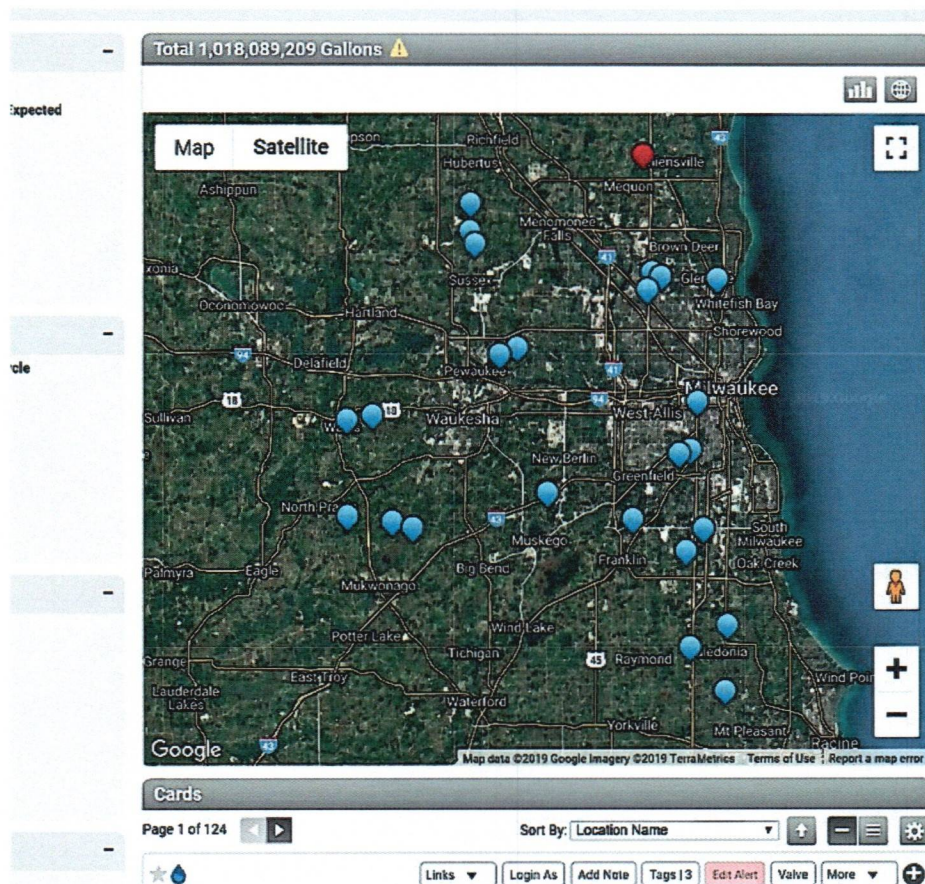
Consumption Graph's (with temperature and rain fall overlay)



Consumption Graph's (Comparison Graph – used to compare usage by previous time period)



Map View –



Customer Portal Analytics Page –

Users

Trends in EyeOnWater sign-ups and usage

Accounts with EyeOnWater

72%

Out of 3,077 Accounts



858 28%
Without EyeOnWater

2,219 72%
With EyeOnWater

User Count

2,218

EyeOnWater Users

Active in the last 30 days



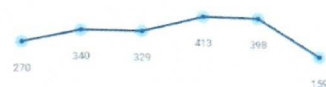
Active in the last 24 hours



New Sign-ups

1,909

Sign-ups in Last 6 Months

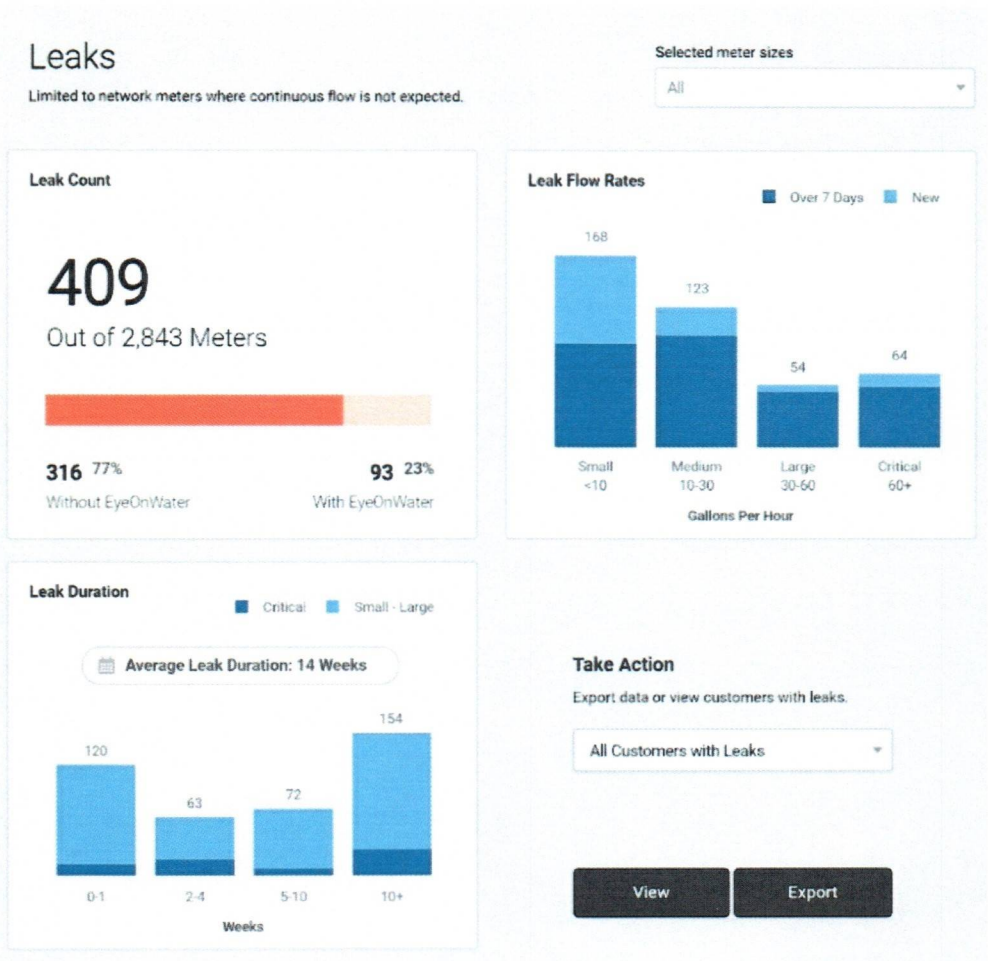


User Sign-ups Per Month

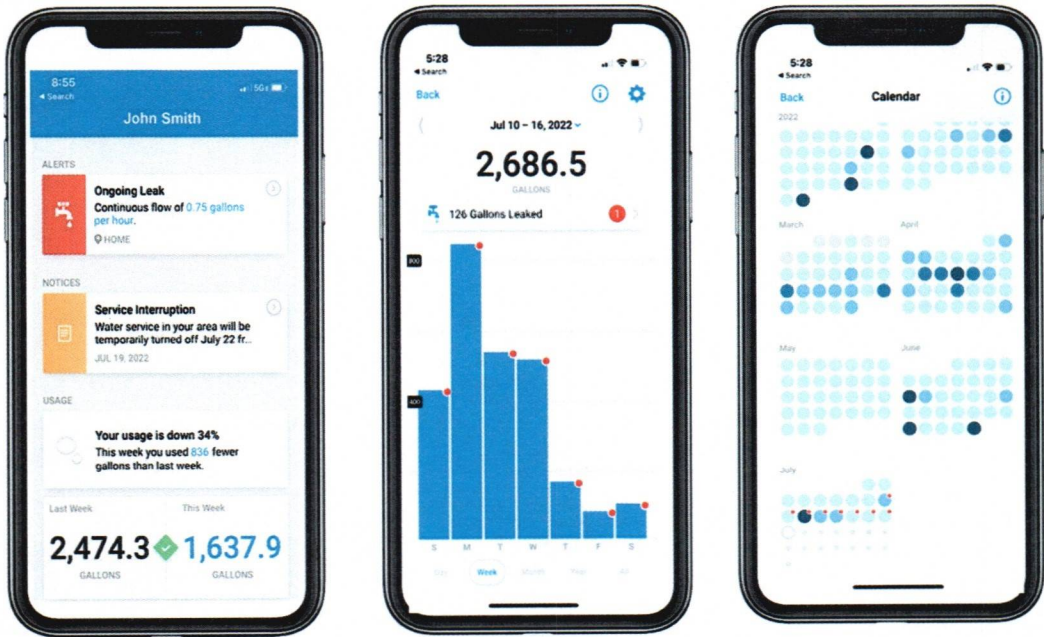
View All EyeOnWater Users

View Detailed User Analytics

Leak Analytics Page –



Customer Portal Smartphone App. Screenshots -



Customer Portal – Website Screenshot



BEACON
Advanced Metering Analytics

Contact Us

Help

Sign Out



Dannie Kub (beaconama+Dannie.Kub@gmail.com)

BEACON AMA Demonstration Site

92283 Marlin Greens
Milwaukee, WI

Link More Accounts

Leaks



No leak detected. Great job!

Set Leak Alert

At a Glance

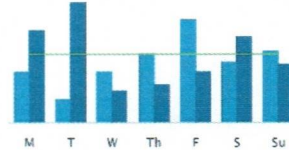


10% Increase

19,001 Last 7 days
Gallons

17,198 Previous 7 days
Gallons

2,667 30 Day Average
Gallons



Total 82,353 Gallons

Minute Hour Day Month Year

Today

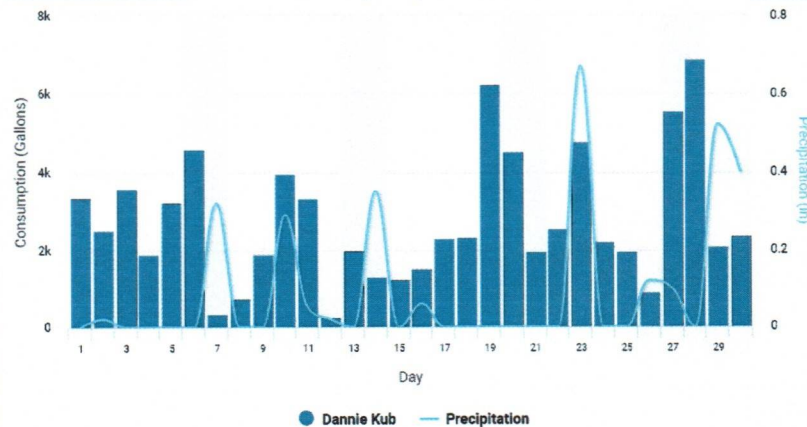
Gallons

Overlays

Print/Download

Daily for April 2019

Close



Your Meter



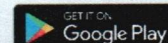
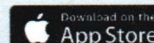
Your meter measures the quantity of water used in your household. Flow is measured electronically at hourly intervals, and updated every 24 hours for billing and leak detection.

Read Frequency
Daily

Meter Read
6:59 PM on May 19
339.17900000000003
KGAL

Next Update
6:59 PM on May 21

Export Data



Powered by Badger Meter, Inc.

Legal

Endpoint Call-in Frequency

The ORION Cellular endpoint provides four call-in times per weekday and one call-in per weekend day to BEACON AMA. This design provides a strategically optimal balance between battery life and the utility's need for recent data to support enhanced customer service. Communication cycles occur frequently, so that you can make decisions with recent data; yet, data is communicated no more frequently than is likely to be needed, so that the life of the overall system is preserved and the need to make a manual request is removed.

In addition, three of the four business day call-in times are configurable (as shown in the following screenshot from BEACON AMA), enabling utility management to select call-in times that best support your business processes, without the need to reach out to the endpoint on an on-demand basis. Unlike other systems with on-demand functionality, this feature is provided without any conditions or limitations to the 20-year warranty.

ORION® Cellular LTE-M Configurable Time Slots

Three of the four weekday communication times are configurable. Move sliders to select times. See Help for additional information and best practices.

2AM · · · · · 6AM - 8AM · · · · · 10AM - 12PM · · · · · 2PM - 4PM · · · · · 6PM

ENDPOINT BATTERY LIFE INDICATOR

When an endpoint is experiencing a low battery condition, an algorithm triggers a low battery notification within the BEACON AMA software. With ample time to replace the endpoint, the alert will surface on the customer's dashboard with a link to account details as shown below.

Location Meter Reads Endpoint			
Previous Comm. Sep 11, 2018 0:43 EDT	Endpoint S/N 110045796	Status Active	Firmware Version 1.8.621
Next Comm. Sep 12, 2018 0:43 EDT	Endpoint Install Date Oct 18, 2017 23:59 EDT	Signal Strength ((✓)) Good	Battery ✓ Good
Register Interface Encoder			



CUSTOMER PORTAL



The proposed BEACON AMA Solution includes EyeOnWater, a fully integrated customer engagement portal and native mobile apps.

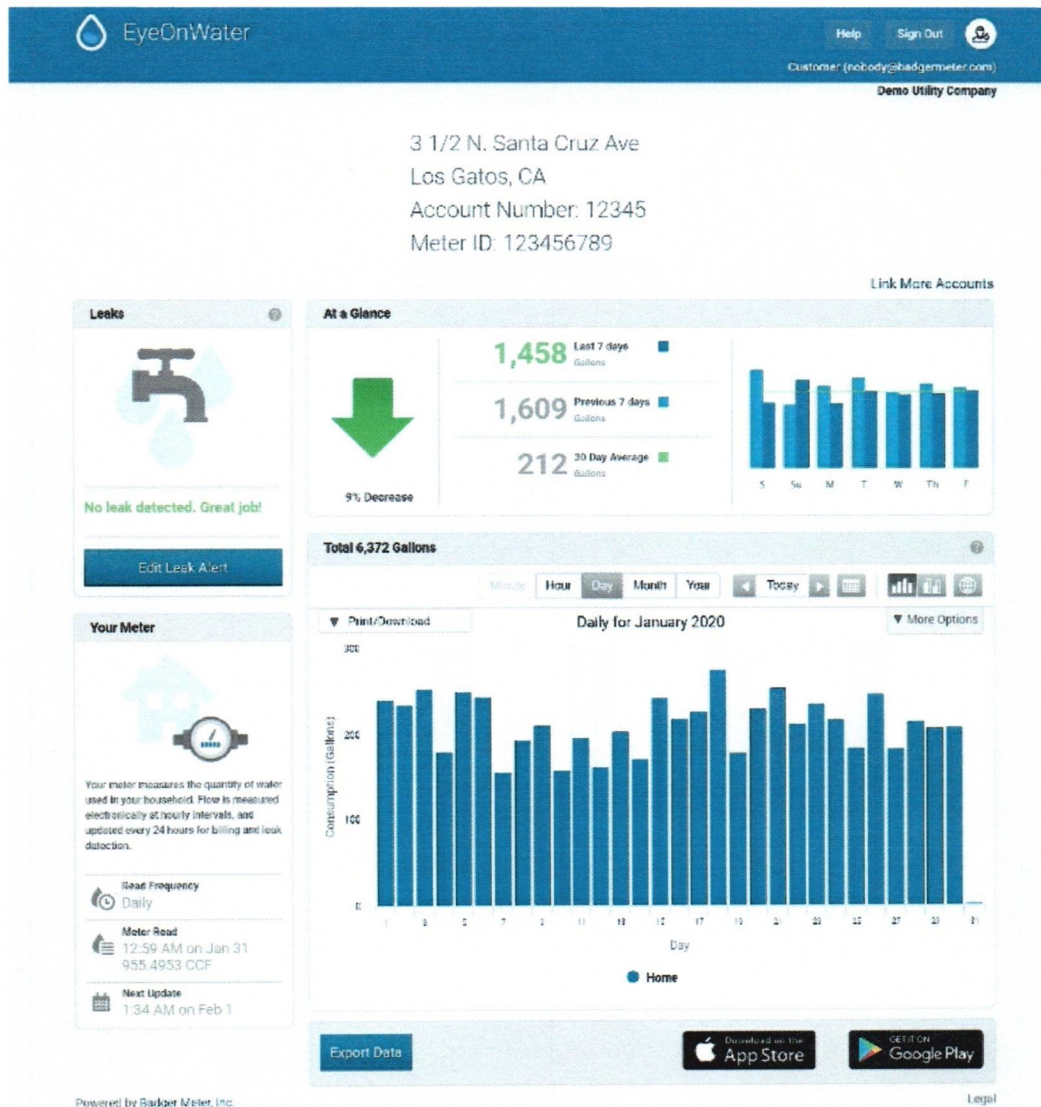
The BEACON AMA software suite includes the EyeOnWater consumer engagement web portal and smartphone apps to connect your utility customers with their water consumption data. The interface of the EyeOnWater customer web portal includes simple modules with intuitive graphics that bring water usage data directly to your utility customers:

- The Leaks section lets users set configurable leak alerts by email or text.
- The At a Glance section shows users a snapshot of their water usage, including the percentage increase or decrease of usage over prior week, the exact amount of water usage in pre-defined periods, and a comparative bar graph of week-to-week usage.
- The Consumption Graph (below the At a Glance module) displays water usage over a period of time including 15 minutes, hourly, daily, monthly, and yearly intervals. Customers can also choose to export this data into a csv format (excel) by using the export button.
- The Your Meter section is where users can learn about how often their meter is read, the last time it was read, the current reading, and when the next reading is scheduled.

Customer Portal Support

Stiles Co supports the Customer Portal for our customers. We will create a dedicated email address that the town can give out to its customer base and instruct any resident with technical support related questions regarding the EyeOnWater portal to submit their inquiry to that email address. Stiles will maintain and monitor that email inbox and respond directly to residents accordingly.

EyeOnWater Web-site Screenshot



EyeOnWater Consumer Portal Email/Text Leak Notification Setup

The screenshot shows the 'Alert Configuration' window for Meter ID: 123456789. The window is titled 'Alert Configuration for 3 1/2 N. Santa Cruz Ave' and has a 'Preview alert' tab selected. The 'Alert Settings' section includes the following fields:

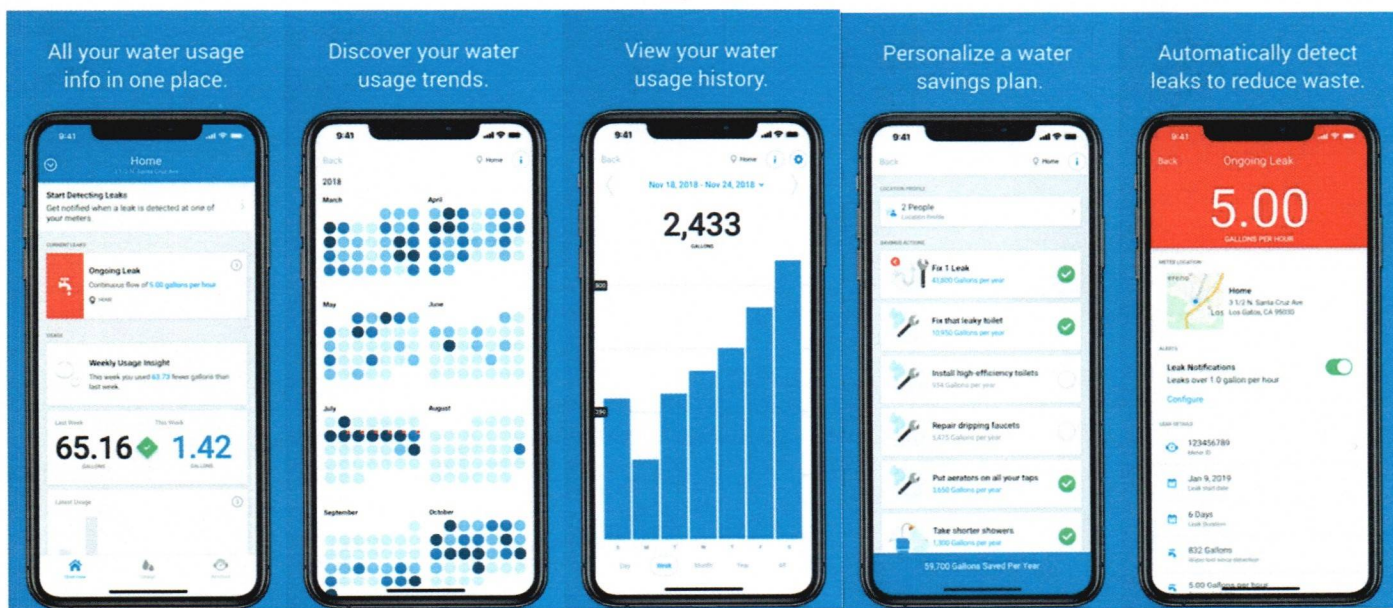
- Type of flow: Intermittent
- Flow Threshold: Maximum 1.0 Gallons /hr
- Reminder Frequency: Every day
- Alert Status: ☐ Inactive
- Test Alert: ☐ Inactive

The 'Notifications' section includes the text: 'Inactive alerts do not generate notifications.' Below the settings, there is a 'Save' button. At the bottom of the window, there is a progress bar with three segments: 'TYPE', 'ALERTS', and 'SUMMARY'. The 'ALERTS' segment is currently selected.

EyeOnWater Smartphone Application

The EyeOnWater consumer engagement application is available as native mobile apps (as shown below) for both iOS and Android smartphones and tablet devices, giving your water users quick and easy access to their data anywhere, anytime. By leveraging the data provided by our ORION endpoint technology and BEACON AMA software suite, the EyeOnWater web portal and mobile apps enable the utility to provide an enhanced, informative customer experience with your customers while promoting awareness and education among your customers about the importance of water conservation. The EyeOnWater smartphone app will allow your customers to:

- Quickly view recent water usage with a prior week comparison.
- View detailed water usage history by day, week, month, and year.
- Discover short and long-term water usage trends.
- Detect leaks and reduce water waste.
- Setup leak notifications that work seamlessly with native smart phone notification processes. (i.e. push notifications)
- Easily contact the water utility.



CUSTOMER PORTAL SIGN UP PROCESS

Signing up for the portal is an extremely easy and quick process for the residents. Your customers will need their Account Number, Zip Code and an Email Address. They will simply visit <https://eyeonwater.com/signup> on their computer using a standard web browser to get started, and then follow these instructions:

1. From the signup web page, enter the service zip code.
2. Enter the account number
4. Enter the email address.
5. Create and confirm a password.

The screenshot shows the EyeOnWater website's account creation interface. At the top left is the EyeOnWater logo, and at the top right is a 'Help' link. The main heading is 'Steps to Create an EyeOnWater Account'. Below this are seven numbered steps: 1. Enter your service or billing address ZIP/Postal Code. 2. Enter your account number as it appears on your water bill. Don't have a copy of your water bill? Contact your utility. 3. Enter and confirm your email address. 4. Create and confirm your password. 5. Read and accept the Terms of Use. 6. Verify your email address in the confirmation email. 7. Enjoy using EyeOnWater! Step 2 includes a 'SAMPLE WATER BILL' table. The table has three columns: CUSTOMER NAME, SERVICE LOCATION, and ACCOUNT NUMBER. The first row shows 'STILES, GARY D', '123 MAIN STREET', and '123456789'. The second row shows '123456789', '123456789', and '123456789'. To the right of the steps are three input fields labeled A, B, and C. Field A is 'Service or Billing ZIP/Postal Code', field B is 'Enter your Account Number', and field C is 'Next'. Below field C is a link: 'Already have an account? Sign in here'.

Steps to Create an EyeOnWater Account

1. Enter your service or billing address ZIP/Postal Code.
2. Enter your account number as it appears on your water bill. Don't have a copy of your water bill? Contact your utility.
3. Enter and confirm your email address.
4. Create and confirm your password.
5. Read and accept the Terms of Use.
6. Verify your email address in the confirmation email.
7. Enjoy using EyeOnWater!

SAMPLE WATER BILL

CUSTOMER NAME	SERVICE LOCATION	ACCOUNT NUMBER
STILES, GARY D	123 MAIN STREET	123456789

Account Number

Some utilities use a customer number, others omit hyphens, trailing zeros and non-numeric characters. When in doubt, consult your utility to learn which number to use when creating an EyeOnWater account.

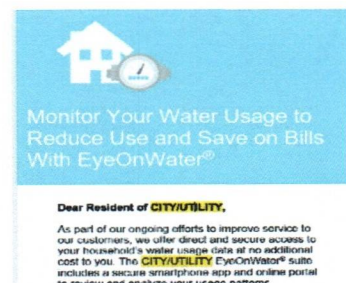
Next

Already have an account? Sign in here

Promoting the Portal

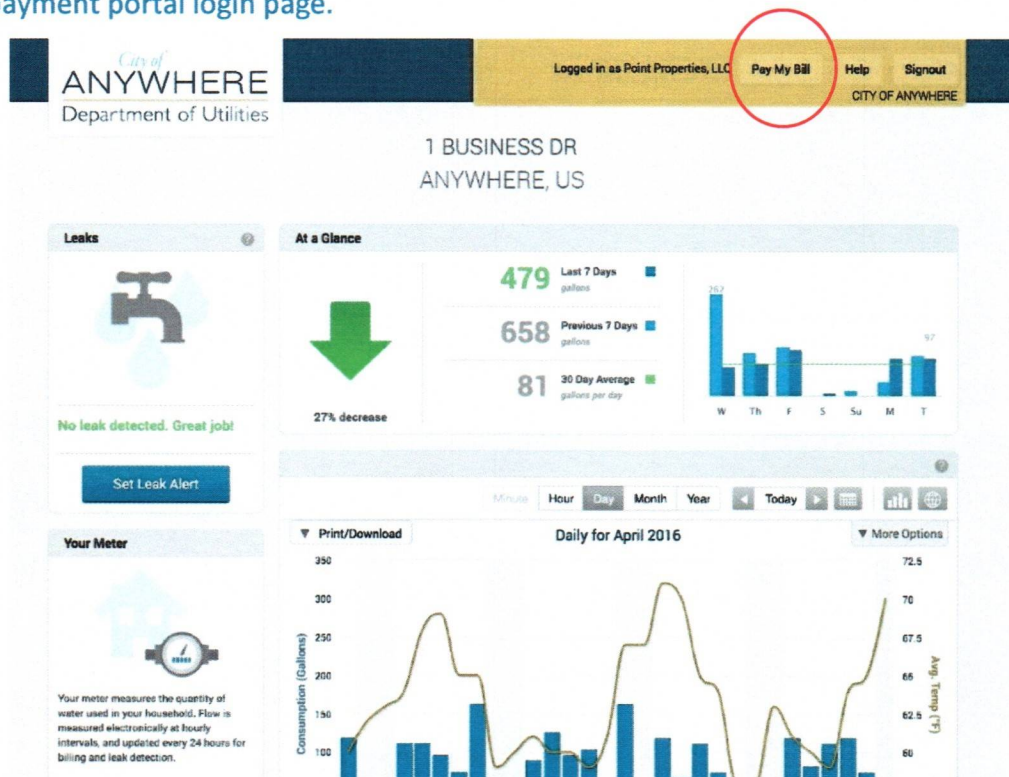
Stiles Co is instrumental in helping the town promote the portal to the residents. We will supply:

- Sample flyers, trifolds, handouts, door hangers, bill stuffers, and other documents that help promote the portal and instruct people on how to sign up
- We provide a custom PR Video that can be posted on the town website and other social media outlets to help educate the public on the meter project and promote the portal.
- Sample Social Media Posts and customer service scripts



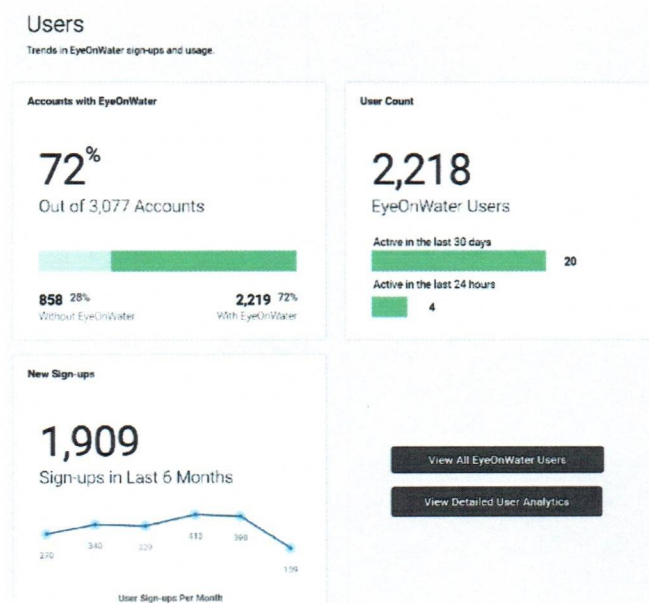
ONLINE BILL PAYMENT THROUGH THE CUSTOMER PORTAL

A Pay My Bill button can be added to the EyeOnWater Portal that links the user to your online payment portal login page.



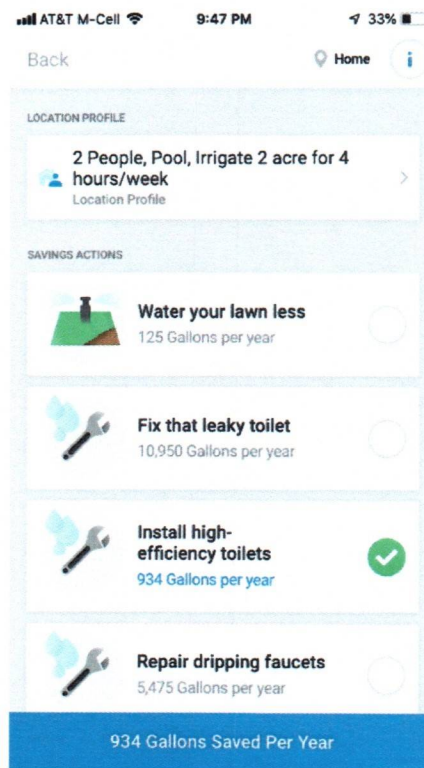
Tracking Portal Sign-Ups through Beacon

The Beacon Software provides analytics to the utility regarding the portal usage and sign-ups

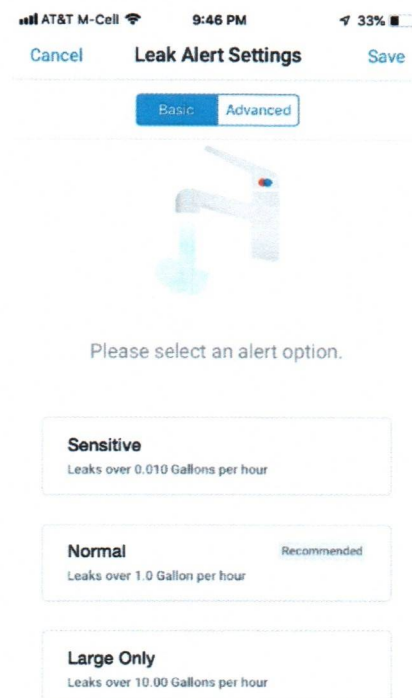


The Customer Portal promotes Conservation:

EyeOnWater Smartphone App provides the user with Actions for Conserving Water.



Setting up Leak Alerts on the Smartphone App:



UTILITY NOTIFICATIONS

The Utility Notices page lets you broadcast messages to your customers via EyeOnWater. This lets you alert customers to service outages, boil advisories, etc. by creating banners that appear across the top of the EyeOnWater web portal and on the screen of the EyeOnWater iOS and Android smartphone apps (via Push Notifications).

By default, Utility Notice Banners are visible to all your customers that use EyeOnWater, but the utility can choose to send it to specific customers via streets, meter size, class code, or draw a polygon on the map.

