Call to Order:
The meeting was called to order by Chair Sheldon at 6:01 pm.

Citizens to be Heard:
Mr. Jack Finger
Presentation and Briefing: Connect H2O Program – Mr. Jose De La Cruz

The presentation was provided.

Ms. Cywinski asked the reason for frequent meter reading other than for customer leaks. Mr. De La Cruz replied in order to provide better data to SAWS customers. Consider the water savings from identifying leaks sooner.

Mr. Javier Garcia asked if AMI data would be available to monitor customers during water restrictions who may be watering on days they are not supposed to. Mr. De La Cruz answered SAWS would have the ability to see when people are watering with AMI. Mr. Siebert added this does not mean SAWS would issue citations based on AMI data alone.

Mayor Werner commented Shavano Park has been using this for the past 15 years and can inform residents if their toilet is leaking. Mayor Werner then asked if SAWS is capturing real time data. Mr. De La Cruz answered the thought would be to collect hourly usage and download the data several times each day.

Ms. Cywinski asked if this data would be on a 5G network. Mr. De La Cruz replied it could be a cellular network or a fixed network. This is still to be determined. Mr. Jeff Evans with VASS Solutions added there are various technologies including radio frequencies. There are all different ways to transmit data back from the meter.

Mayor Werner asked is there a reason SAWS is not using the CPS network. Mr. De La Cruz replied this is one of the considerations.

Mr. Sheldon inquired what the power source for the static meter is. Mr. De La Cruz answered battery power. Mr. Sheldon then asked what the life of the battery is. Mr. De La Cruz answered up to 20 years.

Ms. Cywinski asked what criteria are used to select the pilot area. Mr. De La Cruz responded there are nine (9) different criteria including clutter, density, former BexarMet areas, terrain, topology, and physical location of the meters among others.

Mr. Steve Garcia asked how SAWS finds its problems such as monitoring nonrevenue water. Mr. Thompson replied this will be covered in the next presentation.

Ms. McKnight asked how current personnel will be affected by use of this technology. Mr. De La Cruz replied when this technology goes live, various jobs will be impacted such as meter reading. SAWS will train staff on the new system.

Mr. Javier Garcia asked if there will be additional security measures at the meter box. Will it still be accessible to the public? Mr. De La Cruz answered SAWS still wants to make the meter box accessible to the public.
Mr. Matthew Scott asked how this will be paid.
Mr. De La Cruz answered SAWS is considering a variety of funding mechanisms including TWDB (Texas Water Development Board) as well as self-funding the program.
Mr. Javier Garcia asked if funding may include State Revolving Fund and SWIFT.
Mr. De La Cruz replied yes.

Mayor Dennis stated going back to paying the cost of this, how will this affect the rate payer having to pay for all of this.
Mr. De La Cruz replied we do not currently have currently an answer to that as first, the funding mechanism needed to be determined.

**Presentation and Briefing: Nonrevenue Water Initiative Update – Mr. Patrick Shriver and Mr. Daniel Smith-Salgado**

The presentation was provided.

Mr. Garland Scott asked what 2.5 on ILA is. What does that mean?
Mr. Shriver answered the Infrastructure Leakage Index (ILA) is a ratio of what a water system would theoretically leak at a minimum. (Post Meeting clarification for minutes added: The 2.5 is a unit less measure and a ratio of actual annual system loss to theoretical minimum is a calculation.)
Mr. Thompson added if SAWS were operating perfectly, SAWS would still have five (5) percent water loss.

Mr. Sheldon asked are there some leaks too small to fix?
Mr. Shriver replied those leaks below one (1) gallon per minute is difficult to pick up acoustically.

Mr. Sheldon commented he liked what he heard when Mr. Shriver stated “we’re asking our customers to do conservation, it’s only proper that we should be doing that internally as well.”
Mr. Sheldon concluded he thought that was a great philosophy.

Mr. Garland Scott asked if he heard Mr. Shriver that a water loss plan was required by the Texas Water Development Board as of 2003.
Mr. Shriver replied to this comment that the plan was not a requirement. The annual reporting to TWDB is required by water utilities with 3,300 plus connections. The first reports were submitted starting in 2008.

Mr. Sheldon asked if SAWS sees the same water loss in the purple pipe system as you do in the other system.
Mr. Shriver replied the recycled system is a separate system and he had not conducted a validation on it. However, a back of the napkin calculation the loss was so low Mr. Shriver did not believe it. It is a transmission with only 130 to 140 taps on it.

Mr. Smith-Salgado presented starting from slide 13 regarding water pigeon technology.
Mr. Garland Scott inquired if the dial is still there. You are visually reading the meter. Mr. Smith-Salgado replied that is correct.

Mr. Javier Garcia asked if we had other communities that have used this technology successfully. Mr. Shriver replied he has worked with lots of innovative water technology companies across the county. Water Pigeon is San Diego based. Mr. Garcia followed-up asking would this be applicable to smaller communities. Mr. Shriver answered they (Water Pigeon) is seeking a utility with 1,000 connections. Water Pigeons business model is marketing to utilities. They have been in talks with resorts.

Mr. Jones asked what the purpose of AMI is. Mr. Thompson replied better interaction with the customer. To provide as much information as possible to give the customer knowledge on water use.

**CAP Member Discussion on Sunset of Citizens Advisory Panel and Next Steps**

Chair Sheldon commented the CAP was formed 21 years ago to evaluate new water resources as SAWS tried to diversify. Our focus has been on water resources. As there are no new water resources to evaluate for the next 20 (twenty years) years, we need to change the focus of the committee. Nothing has changed since the discussion last month. We (the CAP) are looking in the direction of the customer experience at all the ways in which SAWS touches the customer in the delivery of water.

- The CAP will discuss the future of the committee during each of the 2020 CAP meetings.

**Vice Chair Selection**
Ms. McKnight nominated Mr. Javier Garcia to serve a one-year term as CAP Vice-Chair. Mayor Dennis seconded the motion.
Mr. Javier Garcia was unanimously elected Citizens Advisory Panel Vice-Chair through December 31, 2020. This is Mr. Garcia’s second one-year term as Vice Chair.

**Approval of Minutes:**
Chair Sheldon asked if there were any questions, changes, or motions to the November 2019 meeting minutes. Ms. McKnight motioned to approve the minutes. The motion was seconded by Ms. Ojeda. The minutes were approved.
Water Resources Report (Steven Siebert):

Edwards Aquifer Level J-17 Index Well
- The J-17 index well January 21st was at 672.1’
- November CAP meeting reading was 673.2’
- The 10-day average is 671.8
- The monthly January average is 669.2’
- This is 2.9’ above the historical average

H2Oaks Activities
- ASR storage was 179,553 acre-feet as of January 20th
- SAWS is currently:
  - Recovering 3.5 mgd from ASR and 2.5 mgd from Local Carrizo to send up the western pipeline
  - Producing 5.0 mgd from the brackish groundwater plant
  - Recharging 14.5 mgd from the eastern pipeline into ASR

2019 Precipitation Totals
- San Antonio received 0.83 inches of rain month to date through January 20th
- This is 0.25” below normal month-to-date
- San Antonio’s year to date rainfall is 0.83”
- Year to date, precipitation is 0.25 inches below normal
- Normal YTD precipitation is 1.08 inches
- Average rainfall in San Antonio is 32.27 inches

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CAP Member Updates
- Javier Garcia and Denise Ojeda were reappointed to the CAP by the SAWS Board for their third term
- Melinda Lechuga, Matthew Scott, and Mayor Robert Werner were reappointed by the SAWS Board for their second term
- Bob Sheldon was reappointed as CAP Chair for 2020
- Mayor Dennis was recognized by the San Antonio Chamber of Commerce as a Comet in the Constellation of the Stars honoree
  - This honors women in the community who “advocate, connect, and empower women, girls and family in our community.”
Upcoming Events

- MedDrop SA
  - Saturday January 25, 2020
  - 8:00am-1:00pm
  - Rigsby Bulky Drop Off
  - 2755 Rigsby Avenue
  - Safe medication disposal is offered at pharmacies such as CVS and Walgreens

- SAWS Spring Bloom
  - Saturday March 14th 9:00am-1:00pm

- CAP 2020 Field Trips
  - April 2020: The Clouse Water Recycling Center
  - June 2020 Agua Vista Station – Vista Ridge Integration Stone Oak

Next Meeting:
Tuesday, February 18, 2020
6:00pm

Adjournment:
With no further business to discuss, the Citizens Advisory Panel Meeting was adjourned at 7:41 pm.