

## Evans Water and Sewer Board

Meeting will be held virtually.  
See instructions below to attend.

Time and Date: **May 21, 2020 @ 3:30 p.m.**

**The May 21, 2020, Water & Sewer Board meeting will be held virtually.**

To attend, please click this link at the time and date of the hearing:

<https://us02web.zoom.us/j/89893858351>

To join by phone: Dial (for higher quality, dial a number based on your current location):

US: +1 669 900 9128 or +1 253 215 8782 or +1 346 248 7799 or +1 646 558 8656 or +1 301 715  
8592 or +1 312 626 6799 – Webinar ID: 898 9385 8351

International numbers available: <https://us02web.zoom.us/j/89893858351>

### 1. **ROLL CALL – 03:34 pm**

Chairman: Jeff Oyler – Present  
Vice-Chairman: James Krenzel – Present  
Commissioners: Randy Blewer – Present  
Zac Matteson – Not Present  
Glenn Snyder – Present

Ex-Officio Members:

Mayor: Brian Rudy – Not Present  
City Manager: Jim Becklenberg – Present

City Staff:

Randy Ready, Public Works Director  
Mark Oberschmidt, City Engineer  
Rick Pickard, Senior Civil Engineer  
Robby Porsch, Wastewater Superintendent  
Karen Sabin, Public Works Administrative Support

### 2. **APPROVAL OF MINUTES – 03:35 pm**

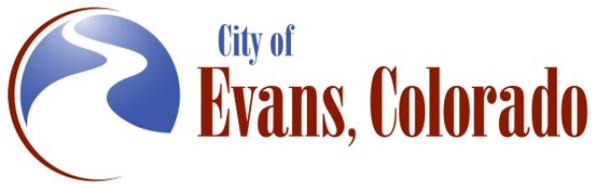
Approval of minutes from 02.20.2020 regular board meeting

**\*\*Motion to approve minutes/second. Passes unanimously.**

### 3. **PUBLIC COMMENT – 03:40 pm**

Doug Mitich: Last couple weeks have been pretty rough in our neighborhood as far as smell coming from the WWTP. Can the City give any information on the status of this problem and a possible solution?

Robby: The system that we demo-ed is currently going through permitting with CDPHE; it's a 90-180 day approval process. As soon as its approved, we can budget for it. Hopefully get it budgeted and



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installed next year. One lagoon did get overused this last winter due to weather changes that kept the City from cleaning both ponds out completely. That put one pond at capacity this spring, so it has a thick sludge cap on it that cooks in the sun all day. It can get pretty ripe.

June 8 the contractor will be on site to remove the solids from that pond, which will help the odors. Should be finished with the one pond in 8-14 days.

Question: What pond is it that you will be draining and taking out of service? Robby: Those are the old ponds. They're in a different location. These ponds at the plant will stay in service. The sludge blanket on the west pond is the one that's heavy.

#### 4. GENERAL UPDATES

##### Potable, Non-potable, and Stormwater Projects:

###### A. 17<sup>th</sup> Ave Waterline Replacement (Mark)

**03:43 pm:** Preconstruction meeting next week, work to begin first of June. Budget of \$825k, but we are looking to spend under that based on current estimates. So far, we are at \$670k including design costs. The original idea for the project was pipe bursting, but the contractor suggested open trench and parallel pipe as a less expensive alternative. Testing, compaction, and concrete work is all online and ready to go. We are expecting the project to take 4-6 weeks, and traffic will be guided to one side of the road. Global Underground is the contractor; they have done a lot of work all around Colorado and seem like good people.

###### B. East Side Storm Sewer System Design and EA (Mark)

**03:46 pm:** This project is proceeding as planned. Environmental Assessment submitted to state in March. We got only minor comments back, and our consultant is addressing them. One comment on St. Vrain was, the State wondered how much area we were going to disturb. We won't know the answer to that until design is finished, so we drafted up the idea of it as our response. Our pipe would be a parallel pipe to what is already there, so it will keep any disturbed area to a minimum. We need the State to give a determination of minimal impact so we can proceed. We want to start construction late this year or early 2021, and then in 2021-22 we would move on to 35<sup>th</sup> Avenue. The deadline for SRF funding is 06.15.2020. It will be \$7-9 million for these three projects. The biggest expense will be 66" pipe. Need to clean out existing pipes so they work better, add detention pond at 31<sup>st</sup> Street, and get the system working well so the water will go into the pipes evenly and stay out of the street. Clean up will go a long way toward making the system work better. We are going to build a storm sewer (24-26" pipe) on Trinidad as well, to get the water out of there, and we will pave Trinidad if we have the money. We need to get cost estimates first, then we will talk numbers and look at debt load. We'll be back to talk to you guys once we have more information.

Question: Re: debt service, isn't interest low right now? Answer: Yes, but there is a certain amount that we don't want to exceed in terms of dollars per month.

Question: Pond by K&G – where is that going to be? Answer: Between the sidewalk and the edge of US 85. We will excavate that out and flow the water east to the storm sewers.

C. Tuscany Tract O Non-potable System Design and Construction (Mark)

**03:53 pm:** You might have seen that Robby and his guys were out dewatering the Tract O pond so we can see what's down there. Proposals for complete topographic survey will be turned in tomorrow so that grading can be brought to where it should have been. Erosion will be fixed and the water will be redirected. There are holes to fill in, structure to stabilize, and pipe to be repaired. Irrigation plans are pretty close to 100% right now. We want to get this fixed and built out so that irrigation system is operational next spring. The pumps will be the first things ordered once we have design since they have a 2-3 month lead time. Construction and erosion control and lining the ponds will probably happen this fall. The budget for this is \$925k; part of which was used to purchase tract O. We are estimating it we will have over \$500k left to get the work done.

Question: Are the residents getting surcharged for this system? Answer: They will once it's up and running, yes. They'll have a 15-year surcharge in the ballpark of \$10/month, as well as having cheaper water in the summer.

D. 2020 Water Usage Report (Rick)

**03:58 pm:** Presents COE water use projections for this year: 2,766.4 af. 2019 was under that. 2020 was estimated about the same as 2019. We are working on a 2% growth factor from 2021 onward, which puts us exceeding the cap in 2025. There will be a \$145k cost for that. The City is also working to forestall the cap threshold through water conservation measures city-wide. Those ideas are looking good. This year's usage through April is right on target for expectations.

Question: With new contract coming in 2023, will any of this change? Will numbers still stay the same? Answer: The things we want to amend in the current IGA won't affect the cost of the cap. That fluctuates every year. 2023 may change who we get our water from—we are thinking about Central Weld water district, but it won't change our usage projection.

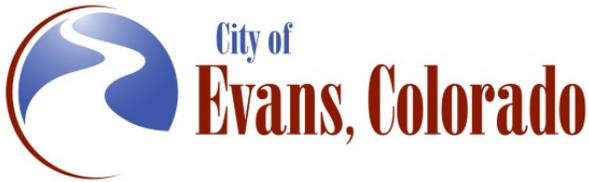
E. Willowbrook Non-potable System Acquisition (Rick)

**04:02 pm:** The seller has agreed to our price of \$1.5 million and terms of payment. Sales agreement has come to the City for review. Closing is scheduled for October of 2020, after which City will take over operations: doing the work and receiving the revenue. Everything is progressing well.

City Comment: Acquisition of Willowbrook will prompt us to think of our non-potable system as a utility system. Board should look forward to seeing what that will look like. System will roughly double the non-potable system that we are managing and likely require more staff. The cost model that we brought before covered those expected increases. We will get the income from it too.

F. Northern Integrated Supply Project (NISP) Update (Rick)

**04:05 pm:** Work has continued in spite of Coronavirus. The schedule is that we have plans ready to begin construction by 2023. We have completion and acceptance of



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State's 401 permit. Opponents have filed an appeal of that, but the City will be asking the Judge to throw out the request before the hearing. We are hoping to wrap that up quickly. All permits for NISP are up to date or on target for timely completion. There is a KOA campground on the Glade reservoir property that NISP purchased as a contractor yard. After the project is done, they would probably try to find a buyer for that campground. Design of the dam continues. Regarding wetlands mitigation: they elected to go with banks. Absolved of any further work we have to do on it. Also working on approval of permits.

### G. Neville's Crossing Irrigation System Update (Rick)

**04:09 pm:** Work on the system is about 95% done. The only remaining work is to install a valve on the intake pipeline. We have to wait until pond is down in order to do that. That finally occurred yesterday, so the contractor is scheduled to come in and install the valve in the next day or two. This will let us regulate how much potable water we use when we need to supplement the non-potable supply. Hopefully contractor will get the controls and plug in tomorrow and it will be back in service. We received a number of phone calls from local residents, so we contacted the HOA to get notice out to residents about why they don't have water right now. Pond will be refilled with potable water until GLIC water becomes available at the beginning of June.

### Wastewater Projects:

#### A. Old Treatment Plant Lagoon Decommissioning (Mark)

**04:12 pm:** We are presently doing field work on what we need to do to decommission the old lagoons. Material in the bottom of the lagoons is not hazardous, we can just haul it away to the landfill. We are going to maintain Lagoon #3 as an overflow backup system. The goal is to get design done and permits in place by the end of the year, then do the work in 2021. East Side Storm improvements will go right through the old lagoon and save us money on that project. We have \$200k remaining in our SRF dollars. \$175k for planning and design. We will get cost estimates a little later on.

#### B. Wastewater Treatment Plant Capacity Review (Randy)

**04:15 pm:** Back in December, we started new approach on figuring current capacity and expected growth. We should see a draft next week of population projection and what that means in terms of sewage flow. We've taken some time to be very thorough on growth projections. Evans grew by about 10%, but we are anticipating that slowing to 2.9%. One of the things we have to look at is our existing land. What kind of development potential do we have? What annexations are immediately accessible? Multi-family, single-family? Will we have industrial and commercial? CDPHE re-classification covers a 10% capacity increase and the ozone unit will help too. Greeley is looking to have their St. Michaels lift station online late next year, which will remove 6-9% flow.

Question: How has stay at home order changed flow rates? Answer: Evans is a bedroom community, so our flows and loads increased. Currently processing 100k gal a day, and the load increased 5-7%. Staff could even tell when people started doing deep cleans on their houses.

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**Other Projects:**

**A. Development and Road Maintenance Update (Randy)**

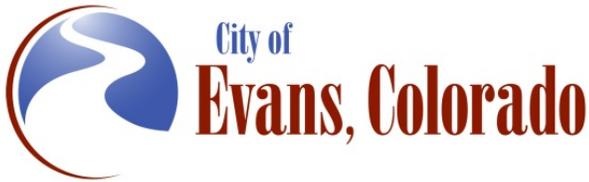
**04:21 pm:** As far as things not directly related to sewer and water, these are some of the big issues happening in Evans this summer.

- 1% sales and use tax for road maintenance was approved. Impact of that has already started.
- City Council approved another \$500k to go into this year's road maintenance. That's a good amount of money for patching and doing chip seal work. That will cover a lot of streets all over town. Be ready for a lot of maintenance work.
- Four major capital projects:
  - 1) 47<sup>th</sup> Ave Widening – utilities this year. \$4m to widen 47<sup>th</sup> from 37<sup>th</sup> Street to City limit.
  - 2) 23<sup>rd</sup> Avenue will be completing 2 lanes of what will be a 4-lane arterial from 37<sup>th</sup> south to 42<sup>nd</sup>. Developers will do the southern portion of that, the City will do northern part. Both projects will be ready to go to bid soon.
  - 3) 37<sup>th</sup> overlay is happening too. Working aggressively with CDOT and moving forward with final design and budgeting. Overlay from 17<sup>th</sup> Ave to the RR tracks. Only significant issue is that there are areas that need more than an overlay. They need to be reconstructed. We will have that done this summer.
  - 4) 37<sup>th</sup> Avenue Widening between 35<sup>h</sup> and 65<sup>th</sup>. Final design coming in the next few months.
- Mission Springs developments are moving along very quickly.
- Wildhorse at 47<sup>th</sup> Avenue, just south of Monte Vista Condos in Tuscany will break ground this summer.
- There's a nice storage establishment going in at 37<sup>th</sup> and Harbor Lane. 1 and 2 story climate-controlled storage.
- Reserve of Crescent Cove has been approved. Building permits should be happening in the next few weeks. 288 units in 12 buildings just north of their current development.
- Peakview's last hurdle is to get their Development Agreement approved. They have multinational financing coming from 5 different countries that finally came together last week.
- There is a Ziggi's coffee going in just east of Walgreens.
- And Roasty's coffee on 11<sup>th</sup> Avenue is already underway. That should be up and running this summer.

Question: For Peakview, are you going to close down 37<sup>th</sup> at 65<sup>th</sup>? Answer: May not be able to do the work in the roads until next summer (assuming that school will be back in session). They are not allowed to do that work while school is in session.

**B. Evans Master Plan Update (Randy)**

**04:29 pm:** Master Plans are typically renewed about every 5-7 years. Our is from 2010; it needs an update. This is an invitation to all of you: we would like one of you to be on the steering committee for this project. We want 2 council members, 2 PC members, 1 W&S



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member, and a couple members of the public. Not a huge commitment. Couple meetings per month. Jeff or Glenn would be happy to help.

C. Master Plan Water Chapter Grant Assistance (Randy)

We got a grant from Sonorin Institute that does projects like this. Land use, water conservation, etc. We would like you folks' involvement as that goes along. Want to tailor our ideas with what would work in Evans.

Comment: Glad the City is doing that and getting other people involved.

D. Waterwise Grant for Demonstration Garden (Randy)

**04:34 pm:** City got \$11k from Northern Water to demonstrate the landscaping use and beauty of water-wise xeric plants. City's project is the prominent corner just below the cemetery at 11<sup>th</sup> and the highway. It is in need of some beefing up so it will be redone and improved. Northern Water likes it because it's highly visible, we like it for the same reasons—it's a big entrance into the City.

Comment: Thank you to the City for doing that. The City needs to take the lead in xeriscaping for landscaping and gardens.

City Comment: If you haven't had the chance to do it yet, at the Northern Water headquarters there are a series of demonstration gardens showing everything from native plants to bluegrass. It's very scientific as far as how much water each plot takes, and in the summertime when everything is in bloom it is very interesting and beautiful.

Comment: It is well worth seeing.

Question: Is Parks and Rec getting involved in xeriscaping around the City? Answer: Yes, Parks will be doing that corner with Northern Water. And then doing other areas.

5. **ADJOURNMENT – 04:39 pm**

**\*\*Motion to Adjourn/Second. Passes unanimously.**

Water and Sewer Board packets are prepared several days prior to the meetings. This information is reviewed and studied by the Board, eliminating lengthy discussions to gain basic understanding. Timely action and/or short discussion on agenda items do not reflect lack of thought or analysis. An informational packet is available for public inspection, which is posted on the bulletin board adjacent to the Council Chambers as soon as its available, and which can be accessed Monday through Friday 8:00 a.m. to 5:00 p.m. excluding holidays.

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