

## 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.**

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**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

Chairman: Jeff Oyler  
Vice-Chairman: James Krenzel  
Commissioners: Randy Blewer  
Zac Matteson  
Glenn Snyder

Ex-Officio Members:

Mayor: Brian Rudy  
City Manager: Jim Becklenberg

City Staff:

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

### 1. APPROVAL OF MINUTES

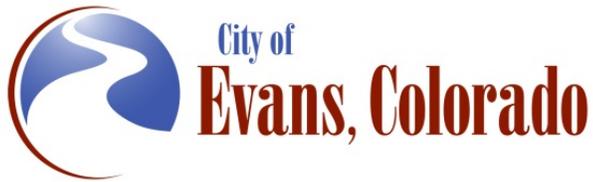
Approval of minutes from 02.20.2020 regular board meeting

### 2. GENERAL UPDATES

Potable, Non-potable and Stormwater Projects:

1. 17<sup>th</sup> Ave Waterline Replacement (Mark)
2. East Side Storm Sewer System Design and EA (Mark)
3. Tuscany Tract O Non-potable System Design and Construction (Mark)
4. 2020 Water Usage Report (Rick)
5. Willowbrook Non-potable System Acquisition (Rick)
6. Northern Integrated Supply Project (NISP) Update (Rick)
7. Neville's Crossing Irrigation System Update (Rick)

Staff Contact: Randy Ready, Public Works Director & Assistant City Manager  
(970) 475-1160 • [rready@evanscolorado.gov](mailto:rready@evanscolorado.gov)



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### Wastewater Projects:

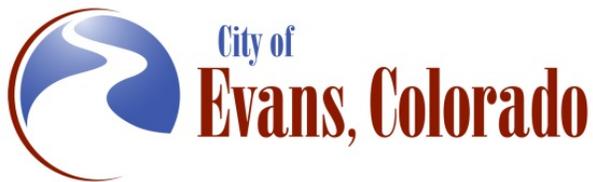
1. Old Treatment Plant Lagoon Decommissioning (Mark)
2. Wastewater Treatment Plant Capacity Review (Randy)

### Other Projects:

1. Development and Road Maintenance Update (Randy)
2. Evans Master Plan Update (Randy)
3. Master Plan Water Chapter Grant Assistance (Randy)
4. Waterwise Grant for Demonstration Garden (Randy)

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## Evans Water and Sewer Board

Evans Community Complex  
Council Chambers  
1100 37<sup>th</sup> Street, Evans, Colorado

Time and Date: February 20, 2020 @ 3:30 p.m.

### 1. ROLL CALL – 03:30 pm

Chairman: Jeff Oyler – present  
Vice-Chairman: James Krenzel – present  
Commissioners: Randy Blewer – not 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  
Robby Porsch, Wastewater Superintendent  
Karen Sabin, Public Works Administrative Support

### 2. APPROVAL OF MINUTES – 03:31 pm

Approval of minutes from 01.16.2020 regular board meeting

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

### 3. GENERAL UPDATES

a. Stormwater System Improvements Design and Environmental Assessment, Mark Oberschmidt – 03:32 pm

Describes East Side Storm Sewer projects: scope, funding, requirements, four projects over the next few years. This year environmental and historical assessments and design will be completed. Construction firm will assess constructability and cost estimates as design progresses. EA will be turned in to us by March 11. Once that is approved, we will apply for funding through State Revolving Funds (June).

Question: These projects won't interfere with the Ditch? Answer: No. There's another project that may happen with the Ditch in that area, but this one will not impact it. CDOT was having some issues with drainage around spaghetti junction that needs to be cleaned up. Contributing jurisdictions are mostly Greeley property and CDOT property, and a smaller amount from Evans.

The most expensive of the four storm projects will probably be Heritage Inn.

Question: \$7 million is available in grants? Answer: That is a loan. June 15 cutoff allows for lower interest rate and higher loan amount, which is why we're shooting to get our application in by June 15.

City Comment: Last year we nearly doubled our storm rate. About half of that amount will go toward debt service on the loan we are taking out for these projects. The rest goes into smaller capital projects and operations and maintenance.

b. Lagoon Decommissioning Engineering, Mark Oberschmidt – 03:43 pm  
Discusses history of lagoons and why we need to decommission the old lagoons. Put it out for bid last fall. Only got one bid and it was higher than what we were planning on spending on this project. But we have leftover SRF dollars from the wastewater treatment plant that we are going to use to complete this.

Total contract is \$176,000, and we have \$203,000 left of the SRF. If we can get design done this year, then we can plan on doing the actual work of decommissioning next year. Once everything is cleaned up, we want to put something like soccer fields in that area.

We will expand the overflow pond so if all three of our pumps were to go down, we can use it for emergencies.

Question: Do we have to treat stormwater? Answer: No. We have to watch for things like sediment and oil from roads. Detention pond might need to be turned over every 20 years or so. Or it might need to be scooped out and have the dirt hauled away if it's too contaminated.

c. Peakview Utilities Installation and Expected Impacts, Mark Oberschmidt – **03:51 pm**  
Describes Peakview/Solstice subdivision and location, and utilities that they will be installing this year. Sewer on 37<sup>th</sup> street is on the north side of the road in the shoulder. It will be 20 to 25 feet deep with high ground water. Roughly 500' of sewer. Planning to close 37<sup>th</sup> Street when they install. If they start work before the school year is done, they will delay road closure until the school year is done. Contractor says it will take two weeks to install, but City is planning on four weeks and is announcing four weeks to the public. School and emergency services know about it and have a plan to work around the installation. 65<sup>th</sup> Avenue will be reconstructed from the school south to their southern property line. They will lower the hump in 65<sup>th</sup> Avenue so drivers will have a better line of sight.

Once they are working on cutting down the hump on 65<sup>th</sup>, even emergency vehicles will have to go around until they are done.

Question: Isn't there an irrigation ditch right through there? Answer: Yes, that's in the plans too. We have already met and will continue to meet with all pertinent services.

Greeley has four-inch water line to two houses on 65<sup>th</sup>. We will probably take service of those houses over. Notices will go out in utility bills when we get a little closer so everyone knows in advance that the road will be closed.

d. 17<sup>th</sup> Avenue Water Line Replacement Project, Mark Oberschmidt – **03:59 pm**  
Replace water line in place through pipe bursting method. Dig pits 500', 500', and 300' apart, install new pipe, pull the old pipe out, and then install services along each length. Goal is to have this big by middle of May, under construction by mid-June, and done and out of the street by the start of school. Intersection is part of the overlay. Service connections will have a patch. New pipe will all be 12", all the 8" sections will be gone.

e. WWTP Capacity Enhancement Project, Robby Porsch – **04:06 pm**  
Today was kickoff meeting with Dewberry, who is doing capacity re-rate for the City. If that application is approved, it will get us extra capacity. Approval end of May.

Starting planning phases for moving forward. Reviewing current population and projected growth rates out to 2040. Next phase will be alternatives analysis.

If we increase capacity, we won't be able to continue to handle solids the way we currently do.

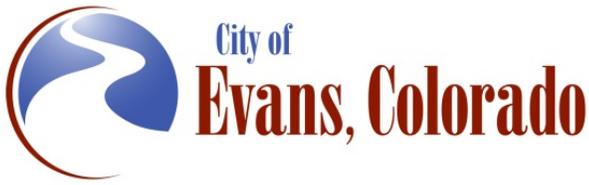
This study will help us decide when we would need to start the phases of expansion. Timeline is having both technical memos completed and going to City Council in May. Should have a draft to this board at the April meeting.

f. Waste Water Source Sampling, Robby Porsch – **04:10 pm**  
We have been sampling to find out sources of our organic load. St. Michaels, for example, contributes 6% of our flow, but 10% of our organic load. If Greeley builds their lift station, that would free up more load for us.

We are now getting preliminary readings from Innovative Foods. Then we will start looking at basins to see which basins are contributing more.

Question: Do we know when Greeley is going to build their lift station? Answer: They want to have it in place before Cobblestone is developed – which is just to the west of the new hospital. We will have an IGA with Greeley for this. If they do not have the lift station in place and we have to continue to handle their flow, we will get their impact fees, etc.

Question: So these industrial flows are causing the problems? Answer: Identification is the first step. Then once we know where exactly it's coming from, we can take other steps. For example, if one place is putting in a heavy load, we can require them to pre-



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treat. Or we can accept their flow as it is, but we charge them a surcharge to cover the extra expenses that it leaves the City with. Have to approach heavy BOD issues carefully. Industrial may contribute a high amount of BOD, but they also contribute taxes and income.

Question: Is industrial pretreatment a deterrent? Would that be a killer for their business? Answer: That's why we want to try to approach it through a collaborative effort. We want to keep them in town, so we'll have to figure out how to approach them. Even a small pretreatment system can cost six figures. That could put them out of business. We could talk about a septic system also, and simply require them to haul their waste. But that gets expensive for them also. Surcharge might be the most friendly approach.

City has about 170 commercial taps. Restaurants, commercial kitchens, meat processing, etc. That's why we need to take samples. See where the problems are, see what we need to do. Maybe a FOG system (fats, oils, and grease). 95 to 98% of all back ups and overflows have been from grease. A FOG system protects the plant. Keeps all that grease from coming to the plant.

Question: Are we doing anything with Greeley water as far as agreements? Answer: Our current one expires in 2023, so it's on the radar, but isn't imminent.

Other items:

Got 401 permit, so that's good news.

NISP tours: There will be one this spring.

2020 rates that you folks took a look at have been approved by Council.

Willowbrook water irrigation system. We are getting that water appraised and have had an inspection done of the pump house.

Evans is going to be taking a look at water conservation in the future. We will make you aware of the programs as we go along and get your input and feedback.

**04:24 pm** – Motion to adjourn.

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

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# CITY COUNCIL WORK SESSION REPORT

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**DATE:** April 21, 2020  
**AGENDA ITEM:** Work Session #3  
**SUBJECT:** 2020 Potable Water Demand Projection and Greeley IGA CAP Implications  
**NAME & TITLE:** James L. Becklenberg, City Manager  
Randy Ready, Assistant City Manager  
Rick Pickard, Senior Civil Engineer

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## ISSUE DESCRIPTION:

The City owns raw water rights that provide enough water to serve current water users. The City contracts with the City of Greeley for treatment of the raw water through Greeley's treatment plants. Since the amount of water owned by the City is limited, and there are financial consequences for requiring higher and higher amounts of treated water from Greeley, it is important that the City monitor and report on total potable water consumption trends and financially plan for the eventuality of incurring additional costs.

## BACKGROUND ON WATER TREATMENT BASE YEAR DELIVERY ("the CAP") and SYSTEM DEVELOPMENT CHARGE

At the time the IGA between the City of Greeley and the City of Evans was executed in 1998, the initial Base Year Delivery quantity or CAP was set at 1,817 acre-feet. A System Development Charge (SDC) is required to be paid if the Base Year Delivery CAP is exceeded. Since 1998, the Base Year Delivery quantity has been exceeded several times most recently in the year 2012 resulting in the current Base Year Delivery quantity of 2,766.41 acre-feet. It is important to note that each time an SDC is paid, the Base Year Delivery quantity or CAP is increased by the amount equivalent to the SDC in terms of acre-feet.

The SDC is a dollar value or rate based on two values 1) Greeley's customer annual residential average demand, and 2) the accompanying residential plant investment fee. The SDC rate charged to the City changes as either or both values change. The 2019 SDC rate per acre-foot was \$21,316. The 2020 SDC rate was reduced approximately 2.9% and is set at \$20,724 per acre-foot.

## RECENT HISTORICAL DEMAND TREND

To present the City's recent historical demand trend, staff recommends using the years from 2012 to 2019. The year 2012 was significant in that it was a very dry year with a resulting high demand. As previously discussed, 2012 was the last year the City exceeded the CAP and paid a System Development Charge. The year 2019 includes the last fully reported demand values.

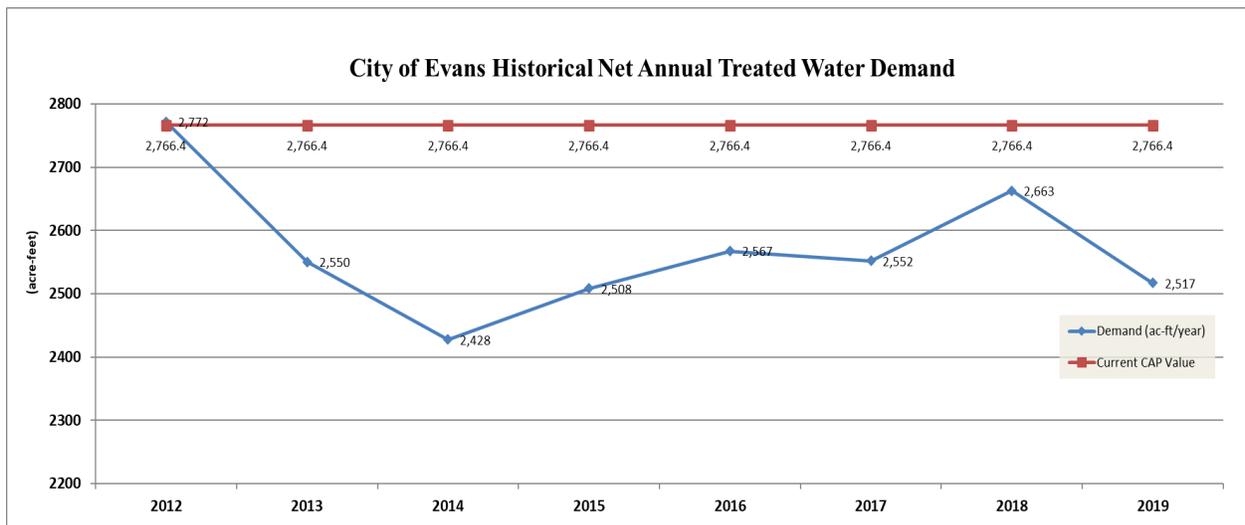
Please refer to the chart titled *City of Evans Historical Net Annual Treated Water Demand*. Staff has noted highlights of the selected demand trend period as follows:

- From 2012 to 2014 the City experienced a reduction in demand of approximately 14.2%.
- From 2014 to 2018 the City experienced an increase in demand of approximately 9.7%.
- From 2018 to 2019 the City experienced a reduction in demand of approximately 5.5%.

Please refer to the following Table of Values and accompanying Graph representing historical reported net demand. Net demand is total demand minus credit given to Evans by Greeley for water provided by Evans to current Greeley customers.

City of Evans  
 Historical Net Treated Water Demands  
 (acre-feet)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% Change from Previous Year
2012	122.5	119.4	144.8	218.8	320.3	371.2	377.4	383.6	301.3	164.9	124.8	123.1	2,772	9.6%
2013	136.5	120.2	133.1	134.9	262.0	388.1	372.1	336.7	263.3	154.2	123.0	126.2	2,550	-8.0%
2014	133.3	120.0	134.0	170.5	252.4	288.7	336.3	310.7	251.4	174.5	129.2	126.9	2,428	-4.8%
2015	132.9	116.8	133.9	173.5	172.2	247.0	379.4	376.1	332.9	195.6	125.6	122.5	2,508	3.3%
2016	129.0	126.7	126.4	145.5	208.4	343.4	384.5	337.2	284.1	206.4	145.6	130.4	2,567	2.4%
2017	128.9	120.9	135.1	188.1	225.8	370.3	379.0	303.9	281.9	156.3	128.6	133.0	2,552	-0.6%
2018	125.1	117.0	135.5	169.7	284.6	372.1	357.6	344.6	310.2	184.6	131.3	130.6	2,663	4.4%
2019	132.9	119.8	133.0	156.8	231.3	287.7	344.2	374.8	305.6	179.1	125.7	125.9	2,517	-5.5%
8-Yr Avg (2012-2019)	130.1	120.1	134.5	169.7	244.6	333.6	366.3	345.9	291.3	176.9	129.2	127.3	2,570	0.1%



### PROJECTING DEMAND IN 2020

At the time of the preparation of this report, the City has compiled recorded usage figures for the months of January and February 2020. Staff used these recorded values as a basis for projecting a total demand for the year 2020. To complete the year 2020 demand projection (i.e. the months

of March through December) staff projected demand values using three alternatives as described and summarized below:

- **Alternative 1 – 2,512.0 ac-ft** (projects demand for March through December by using the 2019 Reported demand for the same months). This is the most conservative approach.
- **Alternative 2 – 2,534.6 ac-ft** (projects demand for March through December by using the 2019 Reported demand plus 1% growth for the same months). This approach considers some additional demand.
- **Alternative 3 – 2,557.3 ac-ft** (projects demand for March through December by using the 2019 Reported demand plus 2% growth for the same months). This is the most aggressive approach of the three alternatives.

Projecting demand growth is based on several factors including but not limited to:

- Summer temperatures
- Increase or decrease in the use of non-potable water for irrigation
- Growth (additional demand on the system)
- Prior growth patterns
- Water storage availability
- Natural disasters, floods, pandemics,

The following table illustrates Demand Projection Alternative 1 as an example of these calculations.

PROJECTION ALTERNATIVE 1									
2020 Projection comprised of <u>Reported 2020 Jan - Feb</u> NET demands AND <u>projected Net 2019 Demands from Mar - Dec</u>									
Projected Net 2021-2025 using 2% growth from Projected Net 2020									
Month	Net Historical Demands (ac-ft)			Reported Net 2020 (Jan - Feb) AND Projected Net (Mar - Dec) from 2019	Net Projected Demands (ac-ft)				
	2017	2018	2019		Projected 2021 @ 2.0% Growth from Previous Year	Projected 2022 @ 2.0% Growth from Previous Year	Projected 2023 @ 2.0% Growth from Previous Year	Projected 2024 @ 2.0% Growth from Previous Year	Projected 2025 @ 2.0% Growth from Previous Year
Jan	128.90	125.10	132.90	128.0	130.5	133.2	135.8	138.5	141.3
Feb	120.90	117.00	119.80	119.9	122.3	124.7	127.2	129.8	132.4
Mar	135.10	135.50	133.00	133.0	135.7	138.4	141.1	144.0	146.8
Apr	188.10	169.70	156.80	156.8	159.9	163.1	166.4	169.7	173.1
May	225.80	284.60	231.30	231.3	235.9	240.6	245.5	250.4	255.4
Jun	370.30	372.10	287.70	287.7	293.5	299.3	305.3	311.4	317.6
Jul	379.00	357.60	344.20	344.2	351.1	358.1	365.3	372.6	380.0
Aug	303.90	344.60	374.80	374.8	382.3	389.9	397.7	405.7	413.8
Sep	281.90	310.20	305.60	305.6	311.7	317.9	324.3	330.8	337.4
Oct	156.30	184.60	179.10	179.1	182.7	186.3	190.1	193.9	197.7
Nov	128.60	131.30	125.70	125.7	128.2	130.8	133.4	136.1	138.8
Dec	133.00	130.60	125.90	125.9	128.4	131.0	133.6	136.3	139.0
<b>TOTAL</b>	<b>2,552</b>	<b>2,663</b>	<b>2,517</b>	<b>2,512.0</b>	<b>2,562.2</b>	<b>2,613.5</b>	<b>2,665.7</b>	<b>2,719.0</b>	<b>2,773.4</b>
		<b>Reported readings</b>		check	2,562.2	2,613.5	2,665.7	2,719.0	2,773.4
		<b>Projected readings</b>							

### PROJECTING DEMAND IN THE YEARS 2021-2025

As illustrated by the *Historical Net Annual Treated Water Demand graph*, the City has experienced a decline in demand from the year 2012 to 2014, a steady increase in demand from the year 2014 to 2018 and a recent decrease in demand from 2018 to 2019.

Staff recommends a 2% growth factor when projecting growth beyond the year 2020 through the year 2025. Please refer to the following Table of Values illustrating the Demand Projection through 2025 for this Alternative.

<b>PROJECTION ALTERNATIVE 1</b>									
<b>2020 Projection comprised of <u>Reported 2020 Jan - Feb</u> NET demands AND <u>projected Net 2019 Demands from Mar - Dec</u></b>									
<b>Projected Net 2021-2025 using 2% growth from Projected Net 2020</b>									
	Net Historical Demands (ac-ft)			Net Projected Demands (ac-ft)					
Month	2017	2018	2019	Reported Net 2020 (Jan - Feb) AND Projected Net (Mar - Dec) from 2019	Projected 2021 @ 2.0% Growth from Previous Year	Projected 2022 @ 2.0% Growth from Previous Year	Projected 2023 @ 2.0% Growth from Previous Year	Projected 2024 @ 2.0% Growth from Previous Year	Projected 2025 @ 2.0% Growth from Previous Year
<b>TOTAL</b>	2,552	2,663	2,517	2,512.0	2,562.2	2,613.5	2,665.7	2,719.0	2,773.4

**ANALYSIS OF TREATMENT CAP WITH INCREASED DEMAND**

To satisfy the projected increase in demand, additional treated water will be required. Additional treatment demand will approach the current IGA treatment CAP of 2,766.41 acre-feet by 2025. Once the current CAP threshold is exceeded, a System Development Charge (SDC) is incurred on an acre-feet basis at \$20,724 per additional acre foot. It is important to note that the SDC is an investment in the quantity of treatment capacity reserved in the name of the City of Evans. Each time an SDC is paid, the CAP amount is increased, thus increasing the quantity of available treatment capacity for Evans in Greeley’s treatment system.

Staff has taken the projections of Demand for the years 2020 through 2025 and projected when the current CAP figure will be exceeded. Please refer to Projection Alternative 1 below which illustrates the results.

<b>PROJECTION ALTERNATIVE 1</b>									
Current CAP	2,766.4	ac-ft	2019	2020	2021	2022	2023	2024	2025
Under Cap			249.6	254.4	204.2	152.9	100.7	47.4	
Over Cap									7.0
CAP cost/ac-ft	\$20,724	<i>(Assuming CAP cost stays constant through 2025)</i>							
Cost									\$145,460
New Cap									2,773.4
					2021	2022	2023	2024	2025

**Cap Projection Summary**

Based on a review of the Analysis of the Treatment Cap for Projection Alternative 1, staff concludes that it is unlikely that the City will exceed the current CAP prior to the year 2025. In that scenario the City would see a small SDC that would need to be paid in 2025.

### **CAP Budgetary Summary**

The primary funding source for SDC charges is the System Development Fee assessed for new development in Evans to connect into the City's water system. Current practice is to transfer 25% of these revenues to a CAP reserve, which would be used as needed to pay the SDC to Greeley. The CAP reserve is projected to contain \$1.936 million that could be used for Greeley system expansion by the end of 2020.

To avoid budget shortfalls in the future, the CAP reserve fund will need to continue to grow through System Development Fees collected from new development, and efforts to reduce demand will need to be effective in order to forestall the time that the City reaches the 2,766.41 acre feet CAP.

### **EFFORTS TO AVOID OR FORESTALL EXCEEDING THE CAP THRESHOLD**

As previously discussed, there are many factors that can affect the timing of increase in treated water demand such as:

- Summer temperatures
- Increase or decrease in the use of non-potable water for irrigation
- Growth (additional demand on the system)
- Prior growth patterns
- Water storage availability
- Natural disasters, floods, pandemics,

Some of these factors such as growth, summer temperatures and natural disasters cannot be controlled by the City. However, use of non-potable (non-treated) water and water efficiency are two areas where the City can have a strong influence on the future water demand.

### **Promoting Use of Non-potable Systems for New Developments**

The City continues to be proactive in encouraging new developments to utilize non-potable systems for outdoor irrigation usage. Planned developments that will be installing non-potable irrigation systems include the following:

- Mission Village Multi-Family
- Mission Homestead Single-family and Duplexes
- Peakview PUD
- Wildhorse at Tuscany
- Tuscany Villagio PUD
- Reserve at Crescent Cove Apartments
- Infill lots within existing subdivisions that currently offer non-potable service (e.g., Willowbrook, The Ridge at Prairie View, Grapevine Hollow, North Point)

### **Transferring Existing Irrigation Systems from Potable to Non-potable Water Supplies**

The City further recognizes the potential savings in potable water usage by transferring other *existing* irrigation systems from potable to non-potable water supplies. This type of savings can further delay when the City would exceed the CAP. Some of the more significant projects include the following:

- **Tuscany Development** (current and future) – The existing Tuscany subdivision was constructed with an on-site non-potable system. However, necessary off-site improvements were not completed to make the system functional. The City is currently completing the tasks remaining to bring the system on-line. *When completed, the City will realize a savings of up to 100 acre-feet of potable water.*
- **The Verge Apartments** – The Verge apartment complex was constructed with an on-site non-potable system. At the time, the Evans Ditch supplied water to the system. Currently the system is inoperable. The City is working with the Owner to return to irrigation water supply and stop relying on potable water for irrigation. When the Verge is back on Evans Ditch water, the *City would realize a savings in the range of 10-15 acre-feet of potable water.*
- **Crescent Cove Apartments** (existing subdivision) – The City has been approached by the owners with the intent to change the source of water for the existing irrigation system. Currently, they use the City’s potable water and wish to change to non-potable water. *The City would realize a savings of approximately 17 acre-feet of potable water.*

### **Water Efficiency**

The City has over the years promoted the practice of water efficiency particularly through the summer months and through these efforts has achieved a reduction in potable water usage. In recent years the City has become more active in promoting water efficiency using informational flyers delivered in customers’ water bills as well as through social media. These efforts pay dividends in terms of water usage reductions. Currently, the City is completing the update of a Water Efficiency Plan as well as beginning to develop a set of water efficiency measures to be considered in the update of the Comprehensive Plan. The City has also just been awarded a grant from the Northern Colorado Water Conservancy District for a water-efficient landscaping project that can serve as a model at the southwest corner of the intersection of 11<sup>th</sup> Avenue and Highway 34 by the cemetery. The City will continue to find new ways to inform and educate customers on how water conservation can reduce water bills and decrease the overall demand for treated water.

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### **FINANCIAL SUMMARY:**

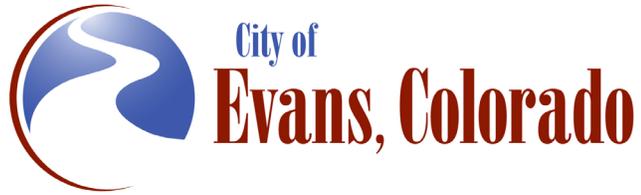
Staff concludes that based on the projected 2% growth rate it is unlikely the City will exceed the current CAP in the year 2020 and therefore there is no current year need to budget for an additional System Development Charge for Greeley water treatment capacity. However, it will be important to continue to grow the committed fund balance being set aside for Greeley System Expansion expenses. Unless demand is significantly decreased through the conservation and efficiency efforts and favorable water use variables described above, the CAP would be exceeded by a small amount starting in the year 2024 and the City would incur a small SDC. That would be followed by greater CAP exceedances and more SDCs in the subsequent years. Staff recommends continuation of a conservative budgeting approach with appropriate earmarking of System Expansion Fee contingency funds along with proactive measures to decrease the use of potable water for irrigation and other significant water conservation efforts.

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### **REQUESTING FROM CITY COUNCIL:**

Additional questions for further research and/or analysis

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1100 37<sup>th</sup> Street  
Evans, Colorado 80620-2036

## MEMO

DATE: May 11, 2020

TO: Randy Ready, Jacque Troudt

FROM: Rick R. Pickard, P.E.  
Senior Civil Engineer

RE: NISP Participants meeting update

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### Carl Brouwer

Carl noted that productivity continues to be on pace with the Army Corps, CDPHE, consultants, Larimer County, etc., despite the virus.

**Environmental Impact Statement** - they are finishing up sending the package to the Army Corps,

**Record of Decision (ROD)** – Probably will be late June or July

### **Glade Facilities**

- Dam material – A lot of good materials available, not well draining
- Second option developed to help drain upstream face of dam, will use this design going forward.
- CMGC (Construction manager/General Contractor) selection is ongoing. RFP are out to the trades, wanting to short-list 3-5 applicants based on qualifications
- **Carl asked for volunteers to review qualifications, is this something the City would like me to participate in?**

### **Highway 287**

- Team had meetings with CDOT to discuss alternative delivery methods, we are pushing CMGC.

**KOA Campground Facility** – NISP closed on the purchase of this site. Proposing to use for construction staging area. Once construction is complete would consider selling to interested Campground vendor for additional camping.

**Christie Coleman**

**Mouse habitat mitigation** - preparing last few steps of a Mitigation plan for the mitigation bank. By buying into a bank, NISP would have no maintenance or management responsibilities going forward. Handled by Bank owners.

**Wetlands Mitigation Bank** – Would cost approx. \$2 million to buy credits in bank, still cheaper than building wetlands on-site. As with the Mouse Habitat bank, NISP would have no maintenance or management responsibilities going forward. Handled by Bank owners.

**Larimer County 1041 Permit:**

- As you recall, NISP decided to go with the 1041 permit in lieu of pursuing an IGA.
- We have received a Letter of Completion from the County which confirms we have submitted everything we need for the permit.
- Permit hearing delayed due to Virus.
- County has sent our application to referral agencies.

**Recreation Plan for Glade Reservoir (NISP 75% and County 25% of Costs)**

- Working on recreation plan, the west side of the reservoir is scheduled to be reserved for non-motorized boating
- The Marina – We are positioning ourselves that the Marina would not be funded by NISP and that the Marina is not a priority of NISP.
- We are stating that NISP has no guarantees of water level

**County Planning Commission and County Commissioners Meeting Schedules**

- Planning commission – June 24, July 8, July 15
- Commissioners – August 17, 24, and 31<sup>st</sup>

**FINANCE: Upcoming 2021 and 2022 Budget Projections**

**NOTE:** These commitments are still based on 1,600 acre-feet.

Intent of Budget projections is to be “**shovel ready**” in 2023.

Any reduction in 2021 budget commitment is in limbo until ROD (unless others within the participants group want to change and continue work prior to ROD.

- Year 2021 - \$17,800,000 with Evans commitment at \$712,000
- Year 2022 - \$18,700,000 with Evans commitment at \$745,000

**Next Interim Agreement will be released in approximately October of 2020**

**Ester Sainz** – The 401 Permit with CDPHE was granted a few months ago. As expected, an appeal was filed contesting the permit by such groups as Save the Poudre.

- The legal staff and others are preparing for the Appeal hearing set for August 11, 2020.
- The legal team will be preparing and filing dismissal paperwork to have a judge review to have certain parts of the appeal thrown out as they have not merit.
- The Army Corps is moving forward regardless of the appeal to away the ROD

**Greg Dewey** SPWCP (South Platte Water Conservation Plan). Purchase of water for exchange.

- Delivered agreement to New Cache ditch company. They have been very cooperative.
- Larimer-Weld ditch company. They have not been as cooperative. Noted that the Virus has changed their feeling of water usage
- Poudre Valley Canal. Means to divert water from Poudre Rive to Glade Reservoir. Negotiations of use of the canal are on-going
- Water Secure – Activity has increased on new properties, water acquisition

**Dale Stahla, Public Affairs**

- His group has been monitoring the media, comments from NISP website and addressing the misinformation
- Has been monitoring “NISP Talk.com” and replying to comments, concerns, etc.
- Regarding the Glade recreational activities, a team of CSU Engineering students is working on ADA access to the reservoir for fishing. This is part of their senior project for school.

## City of Evans Land Use Applications

Name	Case #	Location	Brief description
<b>Submitted Applications (Ordinance for Annexation, COZ; all other land use applications requiring a hearing require a Resolution) NOTE: Item</b>			
Ridge at Prairie View Replat	Incomplete, submitted 1/3/2020	West of Yellowbells Drive in Prairie View	Vacating Noble ROW
Quality Lube	20-AP-06; 19-USR-03	3303 23rd Ave	AmSUP; will submit minor replat to combined two lots
Crescent Cove Apartments, expansion	20-SP-01	32nd St between 29th Ave and Harbor Lane	12 buildings, clubhouse/pool; 288 units - 72 1B, 144 2B, 72 3B
North Suburban Metro District	Metro District		
ACME Oil Field Services	20-USR-01	Lots 1-4 and 16-18, Block 4, Evans Industrial Park	
H&H Excavation (Hojo)	20-SP-02	industrial Park	Site plan for business/storage
Ziggi's Coffee Shop	20-SP-03; 20-AP-02	37th Street/35th Ave	Drive through Coffee Shop
Grapevine Hollow, Outlot 5	Incomplete, submitted 2/20	Grapevine Hollow	3 Lots from Outlot
20-TELE-01 Knotty Pine - Verizon	20-TELE-01	NE corner 34th Street and 23rd Avenue	Colocation for Verizon infrastructure on Xcel pole
Odell Hair Studio	20-HMOC-02	3239 Borrossa Street	
Varra ROW Vacation	20-AP-04	14822 WCR 3396	Vacation of ROW (ROW is reminent of 1889 patent to Weld County) Now, through 2004 annexation, the ROW belongs to the City.
Mountain TRAX	20-ANNX-01; 20-COZ-01	22744 WCR 33	