

Board Meeting Agenda for <u>Tuesday, April 21, 2020 @ 6:30 pm</u> Four Corners Water & Sewer District Office, 495 Quail Run Road, Bozeman, MT, 59718 VIA ZOOM

If you would like to attend the meeting via Zoom, please call 406-585-4166 for the Zoom ID.

Regular Monthly Meeting

- 1) Call to Order
- 2) Approval of Draft Meeting Minutes from February 18, 2020
- 3) Public Comment: Non-Agenda Items- Time Limit on public comment 5 minutes

I. General Business

- 1) Justin Yahing, 141 Caitlin Road- IRR Well
- 2) Ordinance 2020-01 RDO- First reading
- 3) Ordinance 2020-02 Cook- First reading
- 4) Ordinance 2020-03 Anderson First reading
- 5) Engineer's Report
- 6) Monthly Operation & Maintenance Report
- 7) Monthly Financial Report
- 8) General Manager Topics
- 9) Board Member Topics
- II. Next Meeting Date Tuesday May 19, 2020
- III. Adjourn Meeting

FOUR CORNERS WATER AND SEWER DISTRICT MINUTES REGULAR MEETING, February 18, 2020

Call to Order

President Cory Klumb called the regular meeting of the Four Corners Water and Sewer District (FCWSD) to order at 6:30 pm on Tuesday, February 18, 2020, at the office of the Four Corners Water & Sewer District at 495 Quail Run Road, Bozeman, Montana.

Board Members present: President Cory Klumb, member Phillip George, member Peter Thatcher, and member Nancy Flikkema (arrived 6:34).

Staff/Public: Amy Ellingson and Larry Powers from FCWSD, Brad Hammerquist of Morrison-Maierle (MMI), Brad Early, Bob Thelen, Matt Menge, Joy Davis, Secretary

Approval of Minutes

January 21, 2020 Board Meeting:

Motion: Member Peter Thatcher moved to approve the minutes as written; member Phil George seconded. The minutes were approved 3-0.

Public Comment on Non-Agenda Items:

None were raised.

GENERAL BUSINESS

Resolution 2020-04: Calling for Election to be Conducted by Mail Ballot

If an election is needed this year for the two board seats that are opening, this resolution states that it will be held on May 5, 2020 and conducted via mail ballot.

Motion: Member Phil George moved to approve the resolution; member Peter Thatcher seconded. No public comment. Resolution passed 3-0.

RDO- Requesting 1 Sewer EDU

One lot in the Kennedy subdivision is requesting a sewer-only annexation. Sewer-only is not an unusual request, therefore Phil recommends approval and will bring a petition for annexation at the next meeting.

Pronghorn Lots - Cook

Two lots on Pronghorn are requesting a water-sewer annexation. Services and lines are directly across the street. Phil recommends approval and will bring a petition for annexation at the next meeting.

Engineer's Report

Brad Hammerquist gave the Engineer's Report.

- Construction continues at the Water Reclamation Facility.
- We are still waiting on DEQ approval for the Elk Grove Dewatering Facility.

Monthly Operations & Maintenance Report

Phil George provided the report on behalf of Larry Powers:

- There has been a lot of sickness among the staff in the past month.
- Waste Activated Sludge pumps at the EGWWTP needed seals replaced.
- EGWWTP effluent pump failed. A temporary pump has been installed and a slightly larger

replacement ordered.

- The control system for RI Basin shut down and locked out after a power outage, requiring MET to reprogram the PLC. System is working fine now, but this illustrates the need to update all of the district's control systems to current technology.
- WRF: SBR #2 has passed the leak test. Material for the repair for SBR #1 has arrived and the leak test for it should begin this week. SBRs must be backfilled before the majority of the remaining cast-in-place concrete can be completed.

General Administration Report and Monthly Financial Report

Amy Ellingson provided the General Administration Report:

- Office remodel is finished, barring a few minor items.
- One of our newest operators left, so we are now looking for two people to fill two different spots.
- No board meeting next month. The next meeting will be April 21, 2020.

Amy Ellingson provided the Monthly Financial Report:

- In shared expenses, we are over in vehicle expenses due to the two vehicles purchased in August.
 We are over in professional services due to lawsuit and water right issues. We are slightly over in personnel as well due to overtime.
- Water We are about \$220,000 over in revenue. Everything else is at or below budget, but water's
 half of shared expenses has raised the total expenses slightly over budget.
- Sewer We are about \$150,000 over in revenue and significantly under budget for expenses due to reduced effluent hauling costs.

Following the mention of water rights issues, Matt Menge asked how the district handles cases when individuals have water rights that are from other sources besides Utility Solutions (US) and if they are subject to possible annexation into the district. Is the district interested in obtaining water rights in exchange for cooperation? Is this a situation that would be handled by US or by the district?

Phil George responded that while the district is always open to opportunities, currently the only validated, potable water available is the water owned by US. US went through a two- to three-year process with the DNRC to determine potable use as well as points of extraction.

Matt expressed concern that water rights being sold are exceeding the district's capacity and that landowners with other water rights are unaware of the value and usefulness of those rights upon annexation.

Phil responded that the district is open to working with others besides US, however, water rights water must be converted into potable water with points of diversion near the district through the DNRC first, which is a multi-year process.

Matt asked to clarify if additional water could be accommodated with existing infrastructure if and when those conditions are met.

Phil responded that that is a decision the district would reach once that opportunity exists. He added that the limiting factor for growth is not water, but the district's ability to dispose of treated effluent. The current permit allows approximately 650,000 gallons per day. We are currently at 285-290,000 gallons per day, but once the SBR facility is completed, both Phase 1 & 2, we will be at the permitted limit.

Resolution 2020-05: Authorizing the District to Increase Payment for the Revenue Bond

The resolution authorizes the general manager and an appointed board member to annually determine any additional principal payments based on district's finances.

Member Phil George proposed to pay down district's revenue bonds by approximately \$250,000 per year for sewer and \$15,000 per month for water by using revenues that are significantly over budget for both water and sewer. By reducing the number of years on each bond, the district will be able to maintain the monthly rate charge at its current level while having the capacity to take on increased expenses.

Motion: Member Nancy Flikkema moved to approve the resolution; member Peter Thatcher seconded. There was no public comment. Nancy and Cory agreed that the resolution was flexible enough to allow for fluctuations in funding and was a good strategy rather than passing more specific funding resolutions each year. Resolution passed 4-0.

Manager Topics WRF Phase 2:

SBR #2 has passed its leak test. The district has a contract in place for its installation and is currently exploring options for its building. It will increase capacity by another 1,000 EDU, but Phil has interest and/or draft sales agreements for all 1000, as well as expressed interest in 500-700 more.

He is exploring the possibility of finishing the SBR building with the extension of a wall, two small additions and a roof, which could save up to eight months on the schedule and also be the most cost-effective option. This would also allow district to shift capacity out of the Elk Grove facility so that it can be refurbished.

Disposal Application:

Phil had a meeting at DEQ to discuss findings from a model of filtration, particle movement, and nitrate absorption. It shows that our infiltration flows with groundwater and hits the East Gallatin River before the Gallatin River. Peter Thatcher asked if we can get another opinion. Phil answered that similar studies are occurring in Belgrade and Manhattan and all three individuals have collaborated on the research. It would be hard to find a better expert than those three. The permitting process to modify an existing discharge permit is rigorous and although we are in the process, it could take nine months before they quantify the level of discharge for which we qualify.

Currently the district runs just under 300,000 gallons per day and our permit allows double that amount. Our planned facilities will absorb the total amount that we're currently permitted for. The new permitting process would increase the capacity even more. Once DEQ determines the capacity of the new discharge permit, the board will need to decide if they want to proceed with Phase 3. Nancy Flikkema asked if Phase 3 would include a land purchase? Brad Hammerquist clarified that the current plant under construction could be expanded well beyond the current two phases.

Matt Menge asked where is district at in terms of EDU available versus interest. His investors want to be able to move quickly, yet the county won't approve developments without a plan to deal with wastewater. He is trying to better understand what is feasible so as to educate his landowner and investor clients.

The district has spoken to DEQ and their lawyers in support of developers who have already paid and been annexed into the district but are not allowed to start infrastructure (pipes) until new plant is operational. However, developers themselves now need to get involved with DEQ if they want to change DEQ's decision. Brad added that this is a recent change in their interpretation of rules. DEQ now wants there to be constructed facilities for all commitments, which doesn't allow developers to put pipes in ground even thought they're not connecting yet. This is another reason why saving 8 months on Phase 2's schedule is so impactful. Cory expressed that he wants to find another way of funding future projects besides current residents.

Board Member Topics

There were no further comments.

Public Comment

Bob Thelen indicated that he would be interested in joining the board when a seat vacates this spring. He will send his CV to the board.

Next Meeting Date: Tuesday, April 21, 2020. There will be no March meeting.

Adjourn

There being no further business before the Board, the Four Corners Water & Sewer District meeting of February 18, 2020 adjourned at 7:19 p.m.

Joy Davis, Secretary

April 15th, 2020

Four Corners Water and Sewer 495 Quail Run Bozeman, MT 59718

Justin Yahnig 141 Caitlin Rd Bozeman, MT 59718 (815) 419-4176 jmyahnig@gmail.com

To whom it may concern:

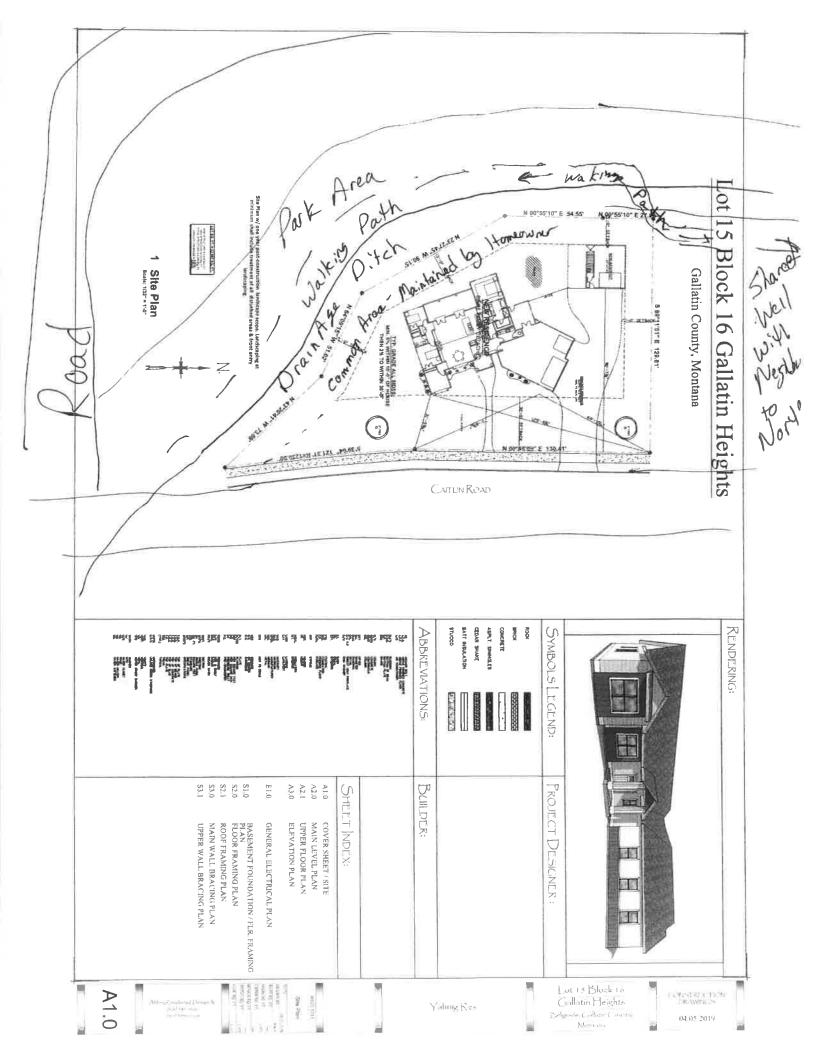
Requesting a waiver to allow a private well on the property commonly known as 141 Caitlin Rd, Bozeman MT or more formally known as Lot 15 in Block 16, Phase 4D of Gallatin Heights. The lot purchased is 0.51 acres in size which is smaller than the required 1-acre size to allow for a private well. However due to several extenuating circumstances, we are advocating for an exception and believe it is warranted per the below:

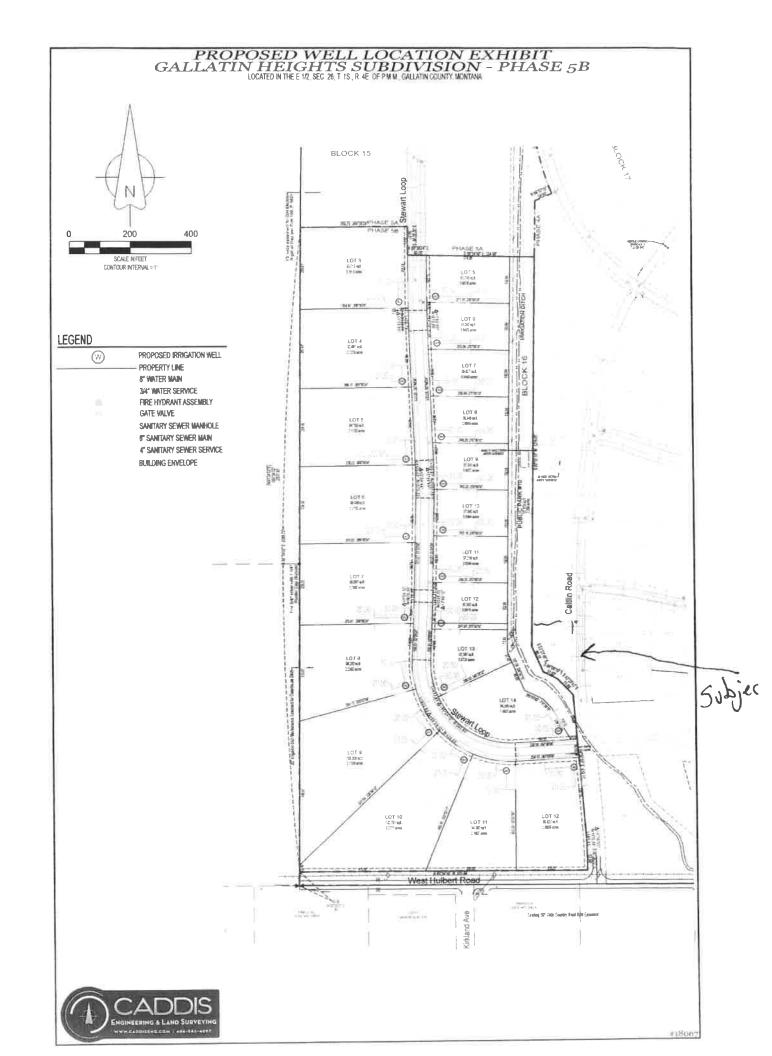
- 1. The Lot neighboring the North is the only viable option to share a well with. However, this home was constructed and a private well already placed and shared with their neighbor to their North, several months prior to the beginning of construction on our home. Owners have no interest in adding a 3rd party, not to mention the logistics of such would be quite unfeasible.
- 2. Our lot is located on the furthest South point of Caitlin Road. To the West is park area and a drainage ditch which continues northwest to the furthest northern most tip of the Lot. To the East is Caitlin Road which is paved. Considering this, there are no other viable options to share a well with.
- 3. Given the park area bordering the property (note the walking path was taken over the ditch to the other side running the entire length of my property) in essence I will be responsible for maintaining the 15 foot swath of park/common area that borders the West following to the North boundary of our lot as well. While the physical boundary of our property may indicate only 1/2 acre the actual boundaries will be quite a bit bigger comprising the 15' of common area running the entire length and in turn water usage for irrigation will be much higher considering.

Given the above, we are unable to share a well with a neighboring owner and in turn are currently not afforded the ability to maintain our property in a way that is more suitable to the situation without an exception for a private well. This is not due to an uncooperative neighbor, nor the cost, simply given the nature of the lot and the subdivision layout. While I understand fully not wanting to set a precedent, per the above there are abundant justifiable reasons to allow for an exception given this is an extremely unique situation. We request the committee's approval of said exception.

Thank you,

Justin Vahnie





Ordinance 2020-01

ORDINANCE ACCEPTING THE ANNEXATION PETITION OF RDO, 257 LAURA LOUISE LANE, BOZEMAN MT 59718, FOR ANNEXATION SEWER ONLY

WHEREAS, RDO submitted a petition for annexation of a parcel of land described in Lot 4 Block 2 of Final Plat of Kennedy Subdivision, in Gallatin County, Montana. A tract of land located in the of Section 35, Township 1 South, Range 4 East, hereinafter also referred to as "Property" requesting that the Property be annexed into the Four Corners County Water and Sewer District to connect to *sewer service only*; and

WHEREAS, the property is contiguous to the District boundary; and

WHEREAS, on February 18, 2020 at a duly noticed meeting of the Board of Directors, the Board considered the Petition to annex the Property as contiguous property and determined that the systems will have sufficient future capacity to provide service to the Property.

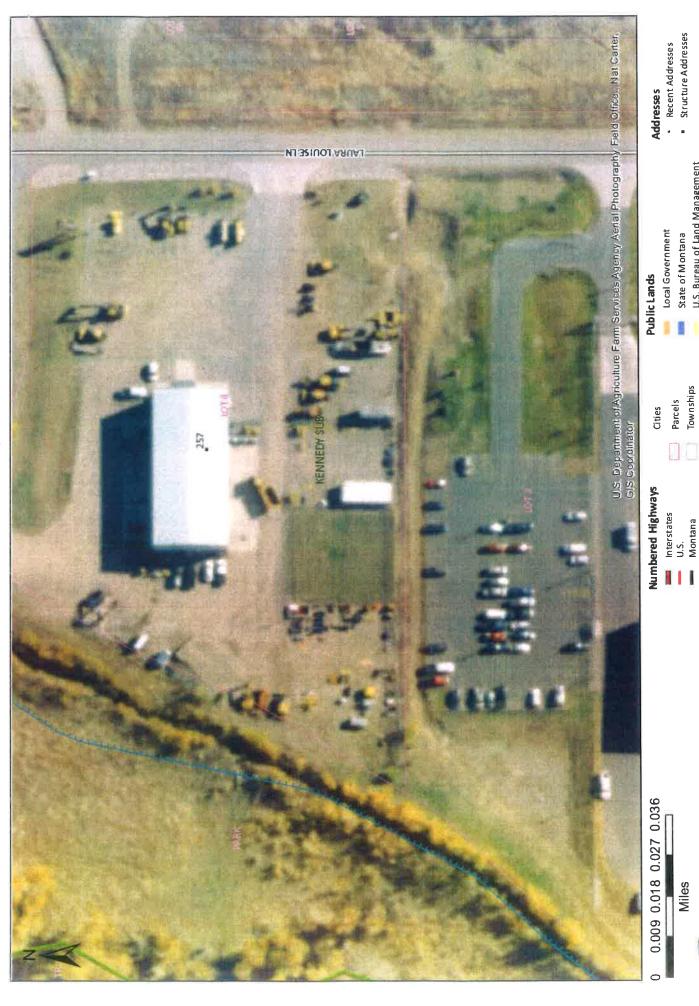
WHEREAS, the RDO agrees to pay the sewer capacity fee for one (1) Equivalent Dwelling Units ("EDUs"), with an EDU equal to a maximum daily flow of 160 gallons a day and average daily flow of 160 gallons per day per EDU. The District shall not provide sewer service in excess of the capacity provided herein.

NOW THEREFORE, the Board by passage of this ordinance does agree to annex the Property described as Lot 4 Block 2 of Final Plat of Kennedy Subdivision, in Gallatin County, Montana. A tract of land located in the of Section 35, Township 1 South, Range 4 East into the District to provide sewer service to the Property not to exceed equal to a maximum daily flow of 160 gallons a day and average daily flow of 160 gallons per day per EDU.

ADOPTED by the Board of Directors of the Four Corners County Water and Sewer District

	with a vote of in favor and against and second reading in favor and against. This Ordinance shall be in effect reading.
1 st Read and approved: Dated: April 21, 2020	Four Corner's County Water and Sewer District
	Its:
Attested:Secretary	
2 nd Read and approved: Dated: May, 2020	Four Corner's County Water and Sewer District
	Its:
Attested:	
Secretary	

Gallatin County GIS



Streams
Rivers
Lakes

Water

U.S. Bureau of Land Management

U.S. Forest Service

U.S. Park Service

Quarter Sections Subdivisions

Townships Sections Minor Subdivisions

Alley/Drive way

Unpaved

Gallatin County GIS
311 W. Main Room 305
Bozeman, MT 59715
Phone: (40.6) 582-3049
Email: GIS @gallatin.mt.gov

Minor Roads Paved

Ordinance 2020-02

ORDINANCE ACCEPTING THE ANNEXATION PETITION OF KARL COOK & SKI TIP LLC, LOTS 25 & 26 SHEDHORN SUBDIVISION, BOZEMAN MT 59718, FOR ANNEXATION

WHEREAS, Karl Cook & Ski Tip LLC, submitted a petition for annexation of parcels of land described as Lot 25 & 26 of Final Plat of Shedhorn Subdivision, in Gallatin County, Montana. Located in the of Section 12, Township 2 South, Range 4 East, hereinafter also referred to as "Property" requesting that the Property be annexed into the Four Corners County Water and Sewer District; and

WHEREAS, the Properties are contiguous to the District boundary; and

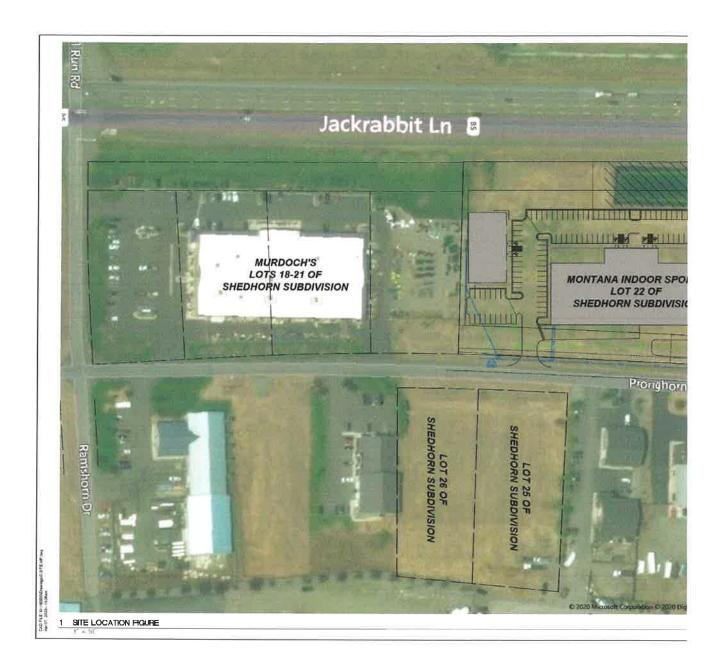
WHEREAS, on February 18, 2020 at a duly noticed meeting of the Board of Directors, the Board considered the Petition to annex the Property as contiguous property and determined that the systems will have sufficient future capacity to provide service to the Property.

WHEREAS, the Karl Cook & Ski Tip LLC agrees to pay the water and sewer capacity fee for two (2) Equivalent Dwelling Units ("EDUs") 1 EDU per lot, with an EDU equal to a maximum daily flow of 160 gallons a day per lot and average daily flow of 160 gallons per day per lot per EDU. The District shall not provide water and sewer service in excess of the capacity provided herein.

NOW THEREFORE, the Board by passage of this ordinance does agree to annex the Property described as Lot 25 & 26 Block 2 of Final Plat of Shedhorn Subdivision, in Gallatin County, Montana. Located in the of Section 12, Township 2 South, Range 4 East into the District to provide sewer service to the Property not to exceed equal to a maximum daily flow of 160 gallons a day per lot and average daily flow of 160 gallons per day per lot per EDU.

ADOPTED by the Board of Directors of the Four Corners County Water and Sewer District

	0 with a vote of in favor and against and second reading in favor and against. This Ordinance shall be in effect reading.
1st Read and approved: Dated: April 21, 2020	Four Corner's County Water and Sewer District
	Its:
Attested:Secretary	
2 nd Read and approved: Dated: May, 2020	Four Corner's County Water and Sewer District
	Its:
Attested:Secretary	



Ordinance 2020-03

ORDINANCE ACCEPTING THE ANNEXATION PETITION OF SKA INC, TRACT 2, BOZEMAN MT 59718, FOR ANNEXATION

WHEREAS, SKA, LLC, submitted a petition for annexation of a parcel of land described as Tract 2 of COS 2805C, in Gallatin County, Montana. A tract of land located in the of Section 25, Township 1 South, Range 4 East, hereinafter also referred to as "Property" requesting that the Property be annexed into the Four Corners County Water and Sewer District; and

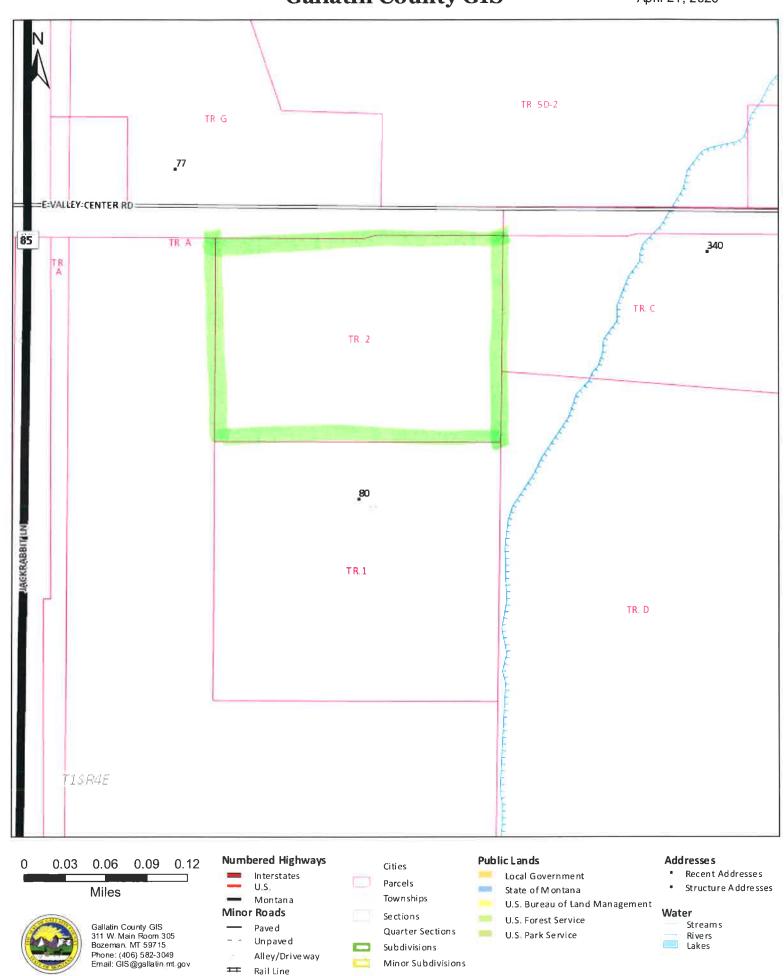
WHEREAS, the property is contiguous to the District boundary; and

WHEREAS, on February 18, 2020 at a duly noticed meeting of the Board of Directors, the Board considered the Petition to annex the Property as contiguous property and determined that the systems will have sufficient future capacity to provide service to the Property.

WHEREAS, the SKA LLC agrees to pay the water and sewer capacity fee for one (1) Equivalent Dwelling Units ("EDUs") 1 EDU, with an EDU equal to a maximum daily flow of 160 gallons a day and average daily flow of 160 gallons per day per EDU. The District shall not provide water and sewer service in excess of the capacity provided herein.

NOW THEREFORE, the Board by passage of this ordinance does agree to annex the Property described as Tract 2 Tract 2 of COS 2805C, in Gallatin County, Montana. A tract of land located in the of Section 25, Township 1 South, Range 4 East into the District to provide sewer service to the Property not to exceed equal to a maximum daily flow of 160 gallons a day and average daily flow of 160 gallons per day per EDU.

after first reading on April 21, 2020	Directors of the Four Corners County Water and Sewer District with a vote of in favor and against and second reading in favor and against. This Ordinance shall be in effect reading.
1st Read and approved: Dated: April 21, 2020	Four Corner's County Water and Sewer District
	Its:
Attested: Secretary	English County Woter and Sawar District
2 nd Read and approved: Dated: May, 2020	Four Corner's County Water and Sewer District
	Its:
Attested:Secretary	





Operation & Maintenance Report- April 21, 2020.

- 1. EGWWTP Dose tank effluent pump failure. Pump has been replaced.
- 2. Baxter Lane Sewer and Water Extension project started April 20th, we made some small changes to the project that simplify the work and eliminate the need for a temporary water supply to Gallatin Heights and the County Shop.
- 3. WRF project is focused on installation of underground piping, concrete placement for building foundations and process structures.
- 4. A pilot test of new technology for the treatment of the septicity in the force mains had to be put on hold due to the Covid-19 issue. We will try again in a few weeks.
- 5. The Covid-19 epidemic is having an effect on the EGWWTP. The increase in cleaning chemicals entering the wastewater stream required changes to the process control to break down the high concentrations. We have implemented the highest level of Personal Protection Equipment use for all operators working at the treatment plant to minimize exposure.



April 21, 2020

General Administration Actives and Issues:

- 1. New Employee's
- 2. Taking Precautions and adjusting schedules
- 3. Late fee and Disconnect Notices
- 4. Fleet Plan



March District 2020 2019

Total Accounts 1906 1754

Total Usage 7,277,317 5,412,113

 Water Billed
 \$93,246.35
 \$84,812.52

 Sewer Billed
 \$114,035.84
 \$101,338.36

Total Billed \$207,282.19 \$186,150.88

Water Reserve billed: \$ 1,883

Sewer Reserve billed: \$5,119

Stip as of 3/31/2020

Reserves: \$776,987

Water: \$3,551,587

Sewer: \$1,395,552



Month End YTD Budget vs. Actual

March 2020

Shared Expenses

	July - Mar 2020	Budget
Income/Expense		
Expense		
500-Shared General Admin Expenses		
510- Board Members	8,957	8,253
520- Personnel Expenses	407,205	395,226
530- Office Expenses	36,902	36,000
540- Vehicle Expenses	56,162	39,006
550- Professional Services (Shared)	164,325	165,006
560- Other Expenses (Shared)	32,311	41,994
Total	705,862	685,485



Month End YTD Budget vs. Actual March 2020

Water

	July - Mar 2020	Budget
Income/Expense		
Income		
400- Operating Revenues		
410- Water Revenues	1,163,399	971,253
Expense		
600- Water O&M Expenses		
610- System Operating Exp (Water)	117,647	123,750
620- Repairs/ Maintenance Expenses	39,804	45,000
630- Professional Services (Water)	2,596	7,506
Total 600- Water O&M Expenses	160,047	176,256
Half of Shared Expenses	352,931	342,742
Total Expenses	512,978	518,998



Month End YTD Budget vs. Actual March 2020

Sewer

	July - Mar 2020	Budget
Income/Expense		
Income		
400- Operating Revenues		
420- Sewer Revenues	1,051,568	837,000
Expense		
700- Sewer O&M Expenses		
710- System Operating Exp (Sewer)	176,622	262,044
720- Repairs/ Maintenance Expenses	69,129	45,000
730- Professional Services (Sewer)	180	11,250
Total 700- Sewer O&M Expenses	245,931	318,294
Half of Shared Expenses	352,931	342,742
Total Expenses	598,862	661,036



Capital Projects

2019-2020

<u>Water</u>	Plan	Actual (as of 4/15)
- Remodel Office	100K	92K
C1 Fence	100K	68K
Elk Grove Well Upgrade	50K	
- C1 Clear RI Basins	<u>50K</u>	14K
<u>Total</u>	300K	
Sewer		
- Elk Grove Lift Station	110K	112K
- Elk Grove Covers & Odor	50K	
- Elk Grove De-Watering Facility	<u>240K</u>	30K
<u>Total</u>	400K	



Manager Topics- April 21, 2020

Board Member- Resolution, Bob Thelen & Heather West

Covid-19: Sick Leave

WRF Phase 2

- Building Contract Awarded
- Claim- Forthcoming

Investment- On hold

Revenue Bond Paydown

Water: Started at 15K per month addition

Sewer: On hold

Water Rights

- White Horse

Look Ahead

- Water
 - Loop Northstar System
 - Additional Storage/Pressure
 - Replace Elk Grove Booster
 - o Pipeline from Bozeman Hot Spring to APK
- Sewer
 - Disposal Permit
 - o Finish SBR2- phase 2
 - Refurbish Elk Grove Plant