CITY OF BOONVILLE
COUNCIL MEETING
AGENDA
December 3, 2018
7:00 p.m.

City Council Chambers
525 E. Spring Street
Boonville, Missouri

I. Call to Order – Pledge and Prayer (Susan Meadows)

II. Roll Call

III. Hearing of Citizens' Comments

IV. Approval of the Minutes of the November 19, 2018 Council Meeting

V. Consent Items

a. Consider Pay Request No. 1 from Earthworks Excavation and Associates, LLC in the amount of $39,717.90 for Rice Mueller Stormwater Improvements
b. Consider Change Order No. 1 from Earthworks Excavation and Associates, LLC in the amount of **<$0.00>** for Rice Mueller Stormwater Improvements

VI. Presentation of Accounts and Claims

VII. Unfinished Business

A) None.

VIII. New Business

A) Consider Auto, Property, and General Liability Insurance Proposals.
- Insurance Presentations
- Discussion

IX. Reports of Standing Committees

A) Housing Authority – November 14, 2018 (Morris Carter)
B) Street, Alley, and Sanitation Board – November 28, 2018 (Michael Stock)
C) Industrial Development Authority – November 15, 2018 (Steve Young)

X. Reports of City Officials

City Administrator

Mayor

City Clerk

XI. Miscellaneous

XII. Adjourn

NOTICE: The City of Boonville will comply with the Americans with Disabilities Act (ADA). Individuals who require an accommodation due to disability to attend this meeting should contact our office at 660-882-2332 or Relay Missouri, 1-800-735-2966 TTY at least 48 hours in advance.

DRAFT COPY PENDING CITY COUNCIL REVIEW AND APPROVAL

City of Boonville
City Council Meeting Minutes
November 19, 2018

The Boonville City Council met in Regular Session on November 19, 2018 at 7:00 p.m. in the Council Chambers. The following officers were present: Ned Beach, Mayor; Irl Tessendorf, City Administrator; and Teresa Studley, City Clerk. Interim City Counselor, Doug Abele, was absent.

CALL TO ORDER – PLEDGE AND PRAYER

The meeting was called to order and Mr. Steve Young led the prayer after the pledge of allegiance.

ROLL CALL

The following Council Representatives were present: Steve Young, Susan Meadows, Brent Bozarth, Whitney Venable, Vanessa Dorman, and Michael Stock. Council Representatives Henry Hurt and Morris Carter were absent.

HEARING OF CITIZENS' COMMENTS

- Dan Buckley, General Manager of Advanced Disposal – Annual Report

Mr. Dan Buckley, General Manager of Advanced Disposal, gave the annual performance review for 2017. Mr. Buckley reported that they currently have a staff of 17 employees with a majority of the staff being Boonville residents. Mr. Buckley reported that the number of missed pickups has dropped. For the year 2017, there were 3 missed pick up calls. Mr. Buckley stated that Adam Vanderslice is the local Operations Manager for Boonville. He has been in Boonville for a year. Mr. Buckley gave a brief overview of the handout that was given to the Council before the meeting (See **Attachment A** herein incorporated and attached to these minutes). Mr. Buckley reported that the total tonnage for 2017 increased to 21,637.75 tons from the 2016 total of 20,451.34 tons. Mr. Buckley reported that for 2018, he is estimating the annual totals to be about 23,000 tons. Mr. Buckley reminded the Council that the City receives royalty payments based on the tonnage received at the transfer station. Mr. Buckley estimates that the royalty payment for 2018 should be about $58,000. Mr. Buckley reported that the average amount of garbage picked up over the year is 28 pounds per home in the City of Boonville. Mr. Buckley stated that all the Missouri Department of Natural Resources inspections for 2016, 2017, and 2018 found that the Boonville Transfer Station is in compliance. Mr. Buckley reported that Advanced Disposal continues to work towards a goal of zero incidents and accidents with their safety education programs. In 2017, they experienced 5 OSHA recordable incidents with zero auto liability incidents. Mr. Buckley was happy to report that for 2018, they are currently at zero OSHA incidents and zero auto accidents. Mr. Buckley stated that Advanced Disposal does not do recycling in Boonville. The recycling currently goes to Boonslick Industries. Mr. Buckley reported that for recycling in the Chicago area, it costs about $100 per ton to ship it off and much of it is getting dumped in the landfills. Mr. Buckley reported that the United States was given 40% of the recycling to China. At the beginning of the year, China stopped taking the recycling. Mr. Buckley wanted the City Council to be informed about the recycling. Mayor Beach praised Mr. Buckley for the performance review and commended Mr. Buckley for all the hard work that they have done.

APPROVAL OF THE MINUTES OF THE NOVEMBER 5, 2018 COUNCIL MEETING

The minutes were presented to the Council in the Council Packet. Ms. Dorman moved, and Mr. Bozarth seconded the motion to approve the minutes with no changes. The voice vote was unanimous.

CONSENT ITEMS

None.

PRESENTATION OF ACCOUNTS AND CLAIMS

Ms. Studley read the ordinance appropriating money in its entirety and a second time by title only, since a copy of the ordinance had been made available prior to the meeting. Mr. Venable moved, and Mr. Bozarth seconded the motion for approval. Ayes: Young, Meadows, Bozarth, Venable, Dorman, and Stock. Total (6). Opposed: None. Total (0). Absent: Hurt and Carter. Total (2). Motion Carried.

UNFINISHED BUSINESS

SECOND READING OF BILL NO. 2018-020 REQUESTING VOLUNTARY ANNEXATION AND ZONING OF BTC BANK PROPERTY AT 17833 B HWY (FORMALLY KNOWN AS 16851 RANKIN MILL LANE)

Ms. Studley read, by title only, a copy of the bill. Mr. Venable moved, and Mr. Stock seconded the motion to approve this bill. With no questions, roll call was taken. Ayes: Young, Meadows, Bozarth, Venable, Dorman, and Stock. Total (6). Opposed: None. Total (0). Absent: Hurt and Carter. Total (2). Motion Carried.

SECOND READING OF BILL NO. 2018-021 APPROVING FINAL SITE PLAN FOR BTC BANK

Ms. Studley read, by title only, a copy of the bill. Ms. Meadows moved, and Mr. Venable seconded the motion to approve this bill. Mr. Venable questioned if the lighting plan had been reviewed by MECO. Mr. Steve Hage, Building Inspector, reported that Scott Vogler, MECO Engineer, reported that the lighting plan is approved. With no further questions, roll call was taken. Ayes: Young, Meadows, Bozarth, Venable, Dorman, and Stock. Total (6). Opposed: None. Total (0). Absent: Hurt and Carter. Total (2). Motion Carried.

NEW BUSINESS

CONSIDER RESOLUTION R2018-16 AUTHORIZING AND APPROVING A CONTRACT WITH THE COOPER COUNTY COLLECTOR AND COOPER COUNTY COMMISSION REGARDING COLLECTION OF TAXES

Ms. Studley read the resolution in its entirety. Mr. Bozarth moved, and Ms. Meadows seconded the motion for approval. Mr. Venable inquired if this is an annual contract that is renewed by Council annually. Mr. Tessendorf responded that this contract is a self-renewing contract. The previous contract has been in place for the past thirty years. Mr. Tessendorf explained that over the past thirty years, some things have changed in terms of what the City is required to withhold that goes to the reassessment fund and so forth. Mayor Beach explained that this saves the city money and gives the city better control over the actual collections that occur. Mr. Young stated that he sees the new agreement is at 1.5% but would like to know what it was before. Mr. Tessendorf responded that it was at 4.0% but some of that was supposed to be going to an assessment fund, which was probably not happening. The assessment fund is required by state statute. With no further questions, roll call was taken. Ayes: Young, Meadows, Bozarth, Venable, Dorman, and Stock. Total (6). Opposed: None. Total (0). Absent: Hurt and Carter. Total (2). Motion Carried.

REPORTS OF STANDING COMMITTEES

FIRE BOARD – NOVEMBER 7, 2018

Mr. Bozarth reported that there were several things discussed. There are some ongoing things that will be discussed at future meetings that need to be clarified as to what further action will be taken. Mr. Bozarth stated that this came about due to the initial amount of personnel that responded to a structure fire on October 21. Mr. Bozarth feels that after listening to the 911 tapes, the Fire Department responded on time.

Mayor Beach requested that Chief Carmichael do a few things for the budget process for this upcoming fiscal year.

1. Prepare proposal on a pay increase for the part time firefighters that respond to fire calls.
2. If the full-time position that is open can affect the current overtime cost. This needs to be reviewed.
3. Mayor Beach inquired of Chief Carmichael if he had thought about approaching the Boonslick Technical Education Center (hereinafter BTEC) regarding the marketing of the volunteer firefighting opportunities that the City has available. Chief Carmichael responded that the City needs to be careful with young people regarding driving to fire calls. Chief Carmichael stated that there are some cities that run Junior Firefighter programs and such. His personnel would have to volunteer their time to train the junior firefighters, otherwise it would get into overtime for the full-time personnel. Mayor Beach was wondering if it is possible to get it on the curriculum at the BTEC. Therefore, the full-time personnel would not be required to train them. Chief Carmichael responded that he will have to

look into this.

Mayor Beach advised the Council that he was wanting Chief Carmichael to review this because the Council has control over the budget. Mayor Beach feels that this needs to be reviewed. Mayor Beach stated that he would like to have this conversation between Chief Carmichael and the Council, so they can take a good look at it. Mayor Beach added that if it doesn't work, that's fine, but at least the Council discussed it.

MUNICIPAL FACILITIES AUTHORITY – NOVEMBER 15, 2018

Mr. Young reported that the meeting was cancelled.

REPORTS OF CITY OFFICIALS

CITY ADMINISTRATOR

Mr. Tessendorf asked Ms. Fjell to update the Council on the Code Enforcement efforts. Ms. Fjell directed the Council's attention to the 2018 Code Enforcement Update included in the council packet on pages 14 and 15. Ms. Fjell informed the Council of the 2018 totals for each category of Code Enforcement. Ms. Fjell gave a brief overview of the inhouse procedures for obtaining liens on properties that have not paid the invoices for the code enforcement infractions. Ms. Fjell explained the procedures for derelict cars. The derelict cars on the streets are tagged by the Police Department and required to be moved within 72 hours. The derelict cars that are on private property fall under the Code Enforcement department. Ms. Fjell reported that there is good compliance with this. Ms. Fjell reviewed the property maintenance cases that are on file. Ms. Fjell explained that this category is finally underway since the signing of the contract for counselor, Mr. Phillip Wooldridge. He has been assigned to enforce these infractions. Ms. Fjell explained that the 54 cases that are open, on a work plan/reinspection, city staff reinspect the work and give the property owner a "nudge" to continue its progress. If there are no results, then these properties will be sent to the prosecutor. Ms. Fjell reported that all 36 of the restaurants passed the "Fats, Oils, and Greases" (FOG) inspections with the Boonville Fire Department performing the inspections. Mr. Phillip Wooldridge sent an email informing the Council that he has four derelict car cases and four property cases that are prepared and ready to be filed in the court system.

MAYOR

No report was offered.

CITY CLERK

No report was offered.

MISCELLANEOUS

None.

ADJOURN

With no further discussion, Mr. Young moved, and Mr. Bozarth seconded the motion to adjourn at 7:29 p.m. and the voice vote was unanimous.

Respectfully Submitted,

____
Teresa Studley, City Clerk

Approved:

____
Ned Beach, Mayor

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APPLICATION AND CERTIFICATE FOR PAYMENT
(PAY ESTIMATE)

Original 1 of 6
Page ____ of

CONTRACTOR: Earthworks Excavation and Associates LLC

APPLICATION NO: 1

PROJECT NO: 454-268

OWNER: City Of Boonville MO

APPLICATION DATE: 3-Dec-18

Rice Mueller Stormwater Improvements

PERIOD FROM:

ORIGINAL CONTRACT SUM:	$60,311.00
NET CHANGE BY CHANGE ORDERS:	$0.00
CONTRACT SUM TO DATE:	$60,311.00
TOTAL COMPLETED & STORED TO DATE:	$44,131.00
RETAINAGE 10%:	$4,413.10
TOTAL EARNED LESS RETAINAGE:	$39,717.90
LESS PREVIOUS CERTIFICATES OF PAYMENT:	$0.00
CURRENT PAYMENT DUE:	$39,717.90
CONTRACT TIME LIMIT DATE:	December 15, 2018

ORDER NO.	DATE APPROVED	ADDITIONS	DEDUCTIONS
CO#1	12/3/2018		$0.00
	TOTALS	$0.00	$0.00

NET CHANGE BY CHANGE ORDERS: $0.00

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

In accordance with the Contract Documents, based on site observations and the data comprising this application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED OF $
(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

CONTRACTOR:
BY:

DATE: 11-26-18

OWNER:
BY:

ENGINEER:
BY:

MECO

MECO ENGINEERING COMPANY, INC.
ENGINEERS * SURVEYORS

2701 INDUSTRIAL DRIVE
JEFFERSON CITY, MO 65109 (573)893-5558

CONTRACT CHANGE ORDER
SECTION 00941

Change Order No. 1 | Sheet of
Project No. 454-268 Rice Mueller Stormwater Improvements | Original 1 of 6

Recommended: MECO Engineering Co., Inc. (Engineer)
To: Earthworks Excavation and Associates LLC (Contractor)
From: City Of Boonville MO (Owner)

You are hereby directed to make the following changes:

I. Reason for change and effect on completion time (if any):

Line item 11: Actual HDPE Quantity Installed

Line item 13: Actual Rock Blanket Installed

Line item 20: Curb inlet #1 modification

II. Cost of work affected by this Change Order:

		Bid Amount			Previous Change Order		This Change Order		Revised Contract
Item No.	Item Description	Quantity/Units	Unit Price	Value	C.O. #	Quantity Changed	Increase Qty. Decrease Qty.	Amount Added or Deducted	Quantity/Unit
11	18" HDPE Pipe in Place	283 LF	$21.00	$5,943.00			-25 LF	-$525.00	258 LF
13	Type 1 Rock Blanket 2' thk w/Filter Cl	85 SY	$75.00	$6,375.00			22 SY	$1,650.00	107 SY
19	Contingency	1 LS	$6,000.00	$6,000.00			-0.31 LS	-$1,875.00	1 LS $4,125.00
20	Curb Inlet #1 Modification		$750.00				1 LS	$750.00	1 LS
	Extending Contract 107 Days For Fertilizing, Seeding , & Mulching to April 1, 2019								
	Total This Sheet:							$0.00	

1. Original Contract Amount: $60,311.00
2. Add or Deduct This Order Totals: $0.00
3. Add or Deduct Previous:
   (Line 4 of previous order)
4. Total Add or Deduct to Date (2+3): $0.00
5. Revised Contract Amount (1+4): $60,311.00

Recommended: Engineer - MECO Engineering Company Date

Ordered: Owner - City of Boonville Date
Scott 11-26-18

Accepted: Contractor - Earthworks Excavation and Associates LLC Date

Change Order is subject to all provisions of the Contract Documents and is not in effect unless signed by all parties.

ORDINANCE APPROPRIATING MONEY

Be it Ordained by the Council of the City of Boonville, as follows:

Section 1: For the purpose of paying salaries and various accounts against the City of Boonville, which have been allowed by the Council, at the regular meeting thereof on December 3, 2018 the sum of **$397,504.73**

General Fund	$85,805.24
Sanitation	$16,862.50
CIP Tax	$12,736.63
Water Works	$144,942.39
Capital Projects	$0.00
Waste Water	$64,409.40
Tourism	$14,723.25
Gaming	$48,653.41
Parks/Water	$9,371.91

Section 2: The Accountant is hereby authorized and instructed to draw checks on the respective City bank accounts, in favor of the persons whose salaries and accounts have been allowed as above, amounting to **$397,504.73** being the total amount of money above appropriated.

Section 3: This ordinance shall take effect and be in force from and after its passage. First reading on December 3, 2018 read for the second time this 3rd day of December, 2018 since a copy was made available prior to the meeting.

Approved December 3, 2018 ______________________________

Mayor

Endorsed December 3, 2018: I hereby certify that a sufficient sum of money stands to the credit of the City, unappropriated, in the various funds to meet the requirements of this ordinance.

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Accountant

To: Mayor and City Council

From: Irl Tessendorf

Date: November 29, 2018

Re: Insurance Bids

We have attached a spreadsheet that compares the various elements of the bids received as well as an "all-in" cost comparison.

There are lots of moving parts in municipal insurance. Our goal is to try and get an "apples to apples" comparison. But, inevitably, there are differences among the competing insurance plans. Many of these are nuanced and small and won't sway a decision one way or another. We have attempted to chase down those more minor differences in an effort to ensure that they are in fact, minor.

There are some differences which are of more significance and should generally guide decision making.

When this was last bid in late 2015, you may recall we moved to assume more of the risk by raising the applicable deductibles in several of the coverages. The current coverages (limits and deductibles) are shown in the first column of the spreadsheet. We did this because our record of losses had been quite good and thus seemed a worthy step. At that time the thought (and result) was that the higher deductible would yield lower premiums. That was true as we "saved" about $70,000 in premiums. In turn we took the $70,000 and rebudgeted it into a "claims" account in anticipation of having to pay out more ourselves for the higher deductibles. If any of this were to remain unspent at the end of each fiscal year, we were to move that money to a Claims reserve account on the balance sheet. Our strategy has worked quite well as after the first two years we have about $90,000 in the Claims Reserve and in the first eight months of this year over $50,000 remains to the good. This is our background.

We solicited bids, suggesting the bidders attempt to match our current coverages (limits, deductibles, etc.) while allowing bidders to offer something else more creative. Three bidders submitted:

1. Savers Insurance Company
2. First State Insurance (2 bids)
3. MIRMA (a self-insurance risk pool)

The results of their submittals are laid out in the spreadsheet.

- The Savers bid matches what we currently have
- The First State Option 1 bid generally matches with some exceptions
- The First State Option 2 bid is an alternative with a lower deductible

The MIRMA bid is completely different and a much different approach- beyond what was solicited. While it is creative, it is too much of a change to accurately analyze in this process. Its apparent cost is attractive but has several major differences and aspects which should be analyzed and quantified to fully vet the proposal. In addition, we have no comparisons because of its widely different approach. So, we are not inclined to pursue it as this time. It might be appropriate as a next step in our evolution of risk management where details can be discerned, and alternatives developed.

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Taking the MIRIMA bid out of consideration for now leaves us to compare Savers and First State Insurance bids. I will offer the following pros and cons (using Option 2 of First State since its cost comparison to Option 1 is very small).

Savers- Pros: • Claims Expense/defense is outside the deductible • Zero deductible on sewer claims • Lower deductible on employee benefits • Full Earthquake coverage	Savers- Cons • Higher deductible GL, Law enforcement, E&O, Employee Practices and Property • Higher bid price • No Blanket coverage in property
First State – Pros • Lower deductible on General Liability, Law Enforcement, E&O, Employee Practices and Property • Blanket coverage on property • Lower bid price	First State- Cons • Claims expense/defense inside deductibles • Higher deductible on employee benefits • Earthquake coverage requires supplement • Sewer backup has a $5000 deductible

There are some differences in the limits of the various coverages. Generally, First State has a higher limit on the Occurrence piece for all coverages while Savers is higher on the Aggregate limit for Law Enforcement, E&O, and Employee Practices. Others are the same approximate limits. I don’t see an advantage one way or the other here.

In short, Savers will benefit us by:

1. City will not pay Claims/ Defense costs
2. City will not pay any sewer

First State will benefit us financially by:

1. All deductibles are a maximum of $5000 versus higher exposures on Savers. The most we will ever pay is $5000
2. Lower initial bid price (partially offset by earthquake supplement).

So, we will pay all the Claims/Defense and Sewer up to $5000 with First State on any incident. On incidents with damages (not claims expenses) over $5000, we will pay more with Savers (up to their respective deductible levels). There is the up-front saving for First State with their lower bid price.

So, how do we analyze these scenarios. Obviously over time events are random. But there are some things one has more confidence in projecting:

1. We will have some sewer claims, likely 4-6; more in wet years, maybe 8-9 but sometimes 1-2. Most will be smaller in the ($100s of dollars up to $2-3000). Every couple of years there will be a bigger one$15-$25k and once in a great while a very large one over that.
2. There will be generally 2-3 non-sewer claims over $5000, some well over that number

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3. There will be some claims/defense expense on some claims. The claims expense outside the sewer context are generally small, adjuster costs. Attorney expenses occur much less often, I can identify 3 instances in the last seven years, two of which were large. We would pay up to $5000 with First State and zero with Savers.
4. Of the larger claims we will likely have 2-3 per year over $5000 with our Property and General Liability Coverages.

In sum, we will pay more of the small sewer claims and claim expenses (up to $5k) with First State. We will pay more in claims over $5K under General Liability ($15k deductible), Law Enforcement ($25k deductible), E&O (10k deductible), Employee Practices ($25K deductible) and Property ($25K deductible) with Savers.

Obviously, these are opposing forces which are layered on top of the relative bid prices. They may balance out evenly or; there may be very few big claims such that the smaller sewer claims payouts (a ceiling of $5k) outweigh the large claim savings; or there may be several large claims, or simply a couple of large claims whereby the lower deductible savings outweigh the small costs.

(I spoke of claims experience and reserves earlier. Obviously, the avoidance of higher dollar amount payouts from the higher deductibles will outweigh the likely payment of small sewer claims and claims expense over the long term. This would preserve and advance claims budgeting options and reserve accumulation)

One of my staff had an idea (it is a good idea) to rather than guess what the future claims experience would look like, instead we apply the competing bids to our actual claims and losses for the last seven years (this info was provided to all bidders). This then attributes the sewer and claims expense under First State to the City cost column; while larger claims under the Savers bid accrue to the City cost column. This outcome is then layered on the bid (premium) price to get an idea of the City's "full" insurance cost on a yearly basis. A spreadsheet with this result is attached.

Lastly, Savers is well-established in Missouri. It is not owned by a Chinese Company. First State is bidding a company called Tokio Marine- yes, from Japan. It is a large company and its' origins date to the late 1800's. It has only recently started doing business in Missouri, so it has few accounts presently in Missouri (Branson, Hollister). First State has insureds in over 25 Missouri communities.

Tokio Marine has very strong credit and other rating metrics (S&P A++). That gives comfort. Savers is mid-fair at best. Their middling rating has not mattered to us to date.

CATEGORY	EXPIRING COVERAGE	SAVER'S	1st State Comm Ins Option 1	1st State Comm Ins Option 2 Lower Deductibles
General Liability (GL)	$2,000,000 - per Occurrence $5,000,000 - Aggregate $2,000,000 - Personal/Adv Injury $5,000,000 - Products/Completed **No Excess Coverage** $100,000 - Damage to Premises $10,000 - Medical Payments **$15,000 Deductible**	$2m Limit - Per occurrence $5m Limit - Aggregate $2m Personal & Advertising Inj $5m Products - Complete Operations Aggregate limit $100k Fire Damage Limit $5k Medical Payments $15k Deductible - Claims Exp Outside (Ties to Sovereign Immunity of $2.8m) Sewer Backup Liability -- 0 Deductible Special Events Sponsored by City Fireworks -- Sponsored by City List of annual events to be submitted to insurer Katy Bridge Covered	$1m - Occur + 2 = $3m $3m - Aggreg + 2 = $5m $2m Personal & Advertising Inj Sex Abuse $1m/$1m +Excess Rental Premises $100k limit/$25k Ded. Medical Payment - $10k $15k Ded. - Claims Fee inside Emergency Resp. Op -- Included Mutual Prop Damage - $10k Sewer Backup Liability -- same as GL Limits/Deductible -------------------------------------- Special Events -- Sponsored by City Fireworks -- Separate App if sponosored by City List of annual events to be submitted to insurer Katy Bridge Covered (Excess Insurance - +2M)	Deductible $5k + 0 BI/PD SAME AS OPTION #1
Law Enforcement Liability insurance specific to law enforcement, i.e. wrongful arrests	Limits included in General Liability **No Excess Coverage** $25,000 Deductible	Limits -- Law Enforcement is included with general libility (uses up 2M/5M limit) $2m Limit $5 m Aggregate Deductible -- $25k - Claims Exp outside	$1m - Occur + 2 = $3m $1m - Aggreg + 2 = $3m $25 k Ded. Claims exp inside Separate limits (Excess Insurance - +2M)	Deductible $5k SAME AS OPTION #1
Employee Benefits i.e. if a new employee did not get enrolled in health insurance then got sick	$2,000,000 - per Occurrence $5,000,000 - Aggregate **No Excess Coverage** $1,000 Deductible	$2m per Claim Limit $5m Aggregate Limit Deductible -- $1k	$1m - Occur + 2 = $3m $3m - Aggreg + 2 = $5m $5k Deductible (Excess Insurance - +2M)	Deductible $5k SAME AS OPTION #1

CATEGORY	EXPIRING COVERAGE	SAVER'S	1st State Comm Ins Option 1	1st State Comm Ins Option 2 Lower Deductibles
Public Officials E & O i.e. a wrongful decision by dept. heads or city council	$2,000,000 - per Occurrence $4,000,000 - Aggregate **No Excess Coverage** $10,000 Deductible	CLAIMS MADE FORM $2m per occurrence $4m Aggregate Deductible -- $10k **Prior Acts -- 01/01/2011** Sex Abuse/Molestation -- Defense Costs only Defense costs covered, outside deductible Issuance of Permits or License Passing/Enforcing Ord, Variances Criminal Act Def -- $35k Defense Only Injuctive Relief -- $10k Defense Only	CLAIMS MADE FORM $1m - Occur + 2 = $3m $1m - Aggreg + 2 = $3m $10k Ded. -- Include Claims **Retro Date 01/01/2011** Non-Monetary Damage - 10k Defense costs inside deductible (Excess Insurance - +2M)	Deductible $5k SAME AS OPTION #1
Employee Practices i.e. wrongful practice by city employees	$2,000,000 - per Occurrence $4,000,000 - Aggregate **No Excess Coverage** $25,000 Deductible	CLAIMS MADE FORM $2m per occurrence $4m Aggregate $25k Deductible **Prior Acts -- 01/01/2011** Defense Cost Outside Limit Defense Cost Outside Deductible	CLAIMS MADE FORM $1m - Occur + 2 = $3m $1m - Aggreg + 2 = $3m $25k Deductible **Retro Date 01/01/2011** Claims Exp. Inside (Excess Insurance - +2M)	Deductible $5k SAME AS OPTION #1
Property Coverage City Property, buildings Katy Bridge, etc	$53,216,065 - Total Insured Value **No Blanket** Replacement Cost Coinsurance - 90% $25,000 Deductible $53,216,065 - Earthquake 10% Deductible {$5,321,606} Flood - NO COVERAGE Equpt. Breakdown -- $25,000 Deductible Terrorism -- Included	Deductible $25k **Earthquake -- $54m, with $10% Deductible** Co-Insurance 90% Replace Cost Flood Excluded Equipment Breakdown Terrorism -- Included	No Co-Ins- Blanket coverage $25k Ded. Inflation Guard -- 2% Agreed Amount -- Yes Repl/Cost Spec Form **See option below: Earthquake -- $10m -- $50k Ded.** Flood $10m -- $50k Ded. (Flash Flood -- Not Zone A flooding) Equpt/Mech. Breakdown - Yes--$25k Ded. Terrorism -- Included	Deductible $5k SAME AS OPTION #1 Deductible $5k

CATEGORY	EXPIRING COVERAGE	SAVER'S	1st State Comm Ins Option 1	1st State Comm Ins Option 2 Lower Deductibles
Inland Marine Equipment, i.e skid steer	$1,318,325 - Total Insured Value No Replacement Cost $1,000 Deductible $85,000 - Misc Property/Equip *Underinsured/List does not match	Deductible $1k Misc Equipment $135,000 Deductible $1k Rent/Leased Equipment -- $100,000 Cat. Equipment Covered	Deductible $1k Misc Equipment $85,000 Not More $10k each Emerg. Portable Equpt. - $50k (PD) Cat. Equipment Covered	SAME AS OPTION #1
Auto Coverage	$2,000,000 - Liability **No Excess Coverage** Hired & Non-Owned Liability $500 - Comp Deductible $1,000 - Collision Deductible $50,000 - Uninsured $50,000 - Underinsured 84 Vehicles	$2m Bodily Injury (BI)/Property Damage (PD) Single Limit $50k Uninsured/Underinsured Limit Medical Payment Limit - None Liability -- No Deductible Deductible -- $500 -- Comp Deductible -- $1000 -- Collision	Liability Limit -- $1m +2 = $3m 0-Ded BI/PD - $50k Uninsured - $100k Underinsured Comp $500 Ded. Collision $1000 Ded. Hired/Non-Owned Auto Liab.	SAME AS OPTION #1
Cyber IT breach- ransom personal info (i.e. SSN)	**Included**	Part of the General Liability $100k per Claim & Aggregate	Limit - $1m Stand alone	Limit- $1M Stand-Alone
Workmans Comp	N/A	N/A	N/A	N/A
Cost **Option--**		**$244,216.00**	**$202,031** +$20,622 Earthquake Limit Increase $222,653	**$202,328** +$20,622 Earthquake Limit Increase $222,950
Other		**Rating -- AM Best: B+** S&P: ??	**3 yr Rate -- Lock if** less ration than 35% (about $75k) Rating AM Best A++ S&P AA- For $1.0 to All Policy limits (occurrence/aggragate) $2,439 cover Federal Court Outside Sovereign Immunity Limits	**3 yr Rate -- Lock if** less ration than 35% (about $75k) Rating AM Best A++ S&P AA- For $1.0 to All Policy limits (occurrence/aggragate) $2,439 cover Federal Court Outside Sovereign Immunity Limits

CATEGORY	MIRMA Self Ins Pool (Need "Tail" Coverage) Apparently Required Workmans Comp -- Not Bid
General Liability (GL)	$2.8 m Sovereign Immunity Applies $2.5 m Occurrence $3.5 m Fed/out of state $50m Aggreg. No Ded. - $0 - No Med Exp. Not Covered Sex Abuse/Molestation
Law Enforcement Liability insurance specific to law enforcement, i.e. wrongful arrests	Within GL Within Limits Same As GL $2.8 m Sovereign Immunity Applies $2.5 m Occurrence $3.5 m Fed/out of state $50m Aggreg. No Ded. - $0 -
Employee Benefits i.e. if a new employee did not get enrolled in health insurance then got sick	Within GL Within Limits Same As GL $2.8 m Sovereign Immunity Applies $2.5 m Occurrence $3.5 m Fed/out of state $50m Aggreg. No Ded. - $0 -

CATEGORY	MIRMA Self Ins Pool (Need "Tail" Coverage) Apparently Required Workmans Comp -- Not Bid
Public Officials E & O i.e. a wrongful decision by dept. heads or city council	OCCURRENCE BASIS $2.73 m Sovereign Immunity Applies $2.5 m Occurrence $3.5 m Fed/out of state Injunction Relief -- Def Only $10k - Occurrence $25 - Aggreg. No Criminal Coverage **MUST BUY TAIL COVERAGE** **FROM SAVERS TO 01/01/2011**
Employee Practices i.e. wrongful practice by city employees	$1m - Occurrence $10k Ded. With $5k credit on consult advisory (Ded. Could increase with 2 or more cases in Prior 3 yr period) **Prior Acts -- 01/01/2014**
Property Coverage City Property, buildings Katy Bridge, etc	Total Value $53,216,065 Replace Cost Cov **$1k Ded. Per occurrence** **Except $2.5k Vacant Structure** **$10k Traffic Signals** **$10k Pedestrian Bridge** **Generators $1k or 10%** 120% Scheduled Amount Building Risk included when work completed by the City. Terrorism -- No Coverage **Earthquake -- $15m Limit, $1k Ded. Occurrence** Flood -- Excess of Fed Flood Ins. - $50k in Zone A $1k Ded. Outside Zone A Equpt. Breakdown -- included

CATEGORY	MIRMA Self Ins Pool (Need "Tail" Coverage) Apparently Required Workmans Comp -- Not Bid
Inland Marine Equipment, i.e skid steer	$100m -- Occurrence Deductible $1k
Auto Coverage	Liability $3.5 Occurrence $25k Uninsured Motorist NO DED. $0 $5.0m Aggreg. Physical Damage - Collision $1k Ded. -- less than 3/4 ton $2.5k Ded. -- greater than 3/4 ton
Cyber IT breach- ransom personal info (i.e. SSN)	$1m Occurrence $1m Aggregate Deductible -- $25k
Workmans Comp	Statutory Airport Liability Required Experience Mod 1.50 better
Cost	**Different - Rate per $100 of Payroll (not shown)** **Transition WK Comp** **Full Annual $298,020 (includes workmans comp)** **-- Assessable (one time in 30 yr)**

Year	Incident	Total Cost	Savers Responsibility	City Responsibility	FSIA Responsibility	City Responsibilty	Notes
	Claims History						
2011	Auto	$ 205.00	$ 205.00	$ -	$ 205.00	$ -	
2011	Auto	$ 9,779.48	$ 9,779.48	$ -	$ 9,779.48	$ -	
2011	Auto	$ 1,063.44	$ 1,063.44	$ -	$ 1,063.44	$ -	
2011	Auto	$ 8,785.10	$ 8,785.10	$ -	$ 8,785.10		
2011	Property	$ 38,039.26	$ 13,039.26	$ 25,000.00	$ 33,039.26	$ 5,000.00	
2011	Property	$ 17,530.17	$ 886.17	$ 16,644.00	$ 12,530.17	$ 5,000.00	
2011	Property	$ 1,680.00	$ -	$ 1,680.00	$ -	$ 1,680.00	
2011	General Liability	$ 2,177.78	$ 647.39	$ 1,530.39	$ -	$ 2,177.78	
2011	General Liability	$ 754.21	$ -	$ 754.21	$ -	$ 754.21	
2011	General Liability	$ 128,904.78	$ 123,904.78	$ 5,000.00	$ 123,904.78	$ 5,000.00	Expense
2011	General Liability	$ 574.19	$ 574.19	$ -	$ -	$ 574.19	Sewer
2011	General Liability	$ -	$ -	$ -	$ -	$ -	
2011	General Liability	$ 376.24		$ 376.24		$ 376.24	
2011	General Liability	$ -	$ -	$ -	$ -	$ -	
TOTALS	**14 Claims**	**$ 209,869.65**	**$ 158,884.81**	**$ 50,984.84**	**$ 189,307.23**	**$ 20,562.42**	
2012	Auto	$ 1,110.00	$ 1,110.00	$ -	$ 1,110.00	$ -	
2012	Auto	$ 2,815.69	$ 2,815.69	$ -	$ 2,815.69	$ -	
2012	Auto	$ 3,995.46	$ 3,995.46	$ -	$ 3,995.46	$ -	
2012	Auto	$ 7,159.87	$ 7,159.87	$ -	$ 7,159.87	$ -	
2012	Auto	$ 1,538.51	$ 1,538.51	$ -	$ 1,538.51	$ -	
2012	Property	$ 2,475.51	$ -	$ 2,475.51	$ -	$ 2,475.51	
2012	General Liability	$ 790.49		$ 790.49		$ 790.49	
2012	Public Officials E&O	$ 65,889.78	$ 55,889.78	$ 10,000.00	$ 60,889.78	$ 5,000.00	
2012	General Liability	$ -	$ -	$ -	$ -	$ -	
TOTALS	**9 Claims**	**$ 85,775.31**	**$ 72,509.31**	**$ 13,266.00**	**$ 77,509.31**	**$ 8,266.00**	
2013	Auto	$ 5,160.40	$ 5,160.40	$ -	$ 5,160.40	$ -	
2013	Property	$ 13,281.02	$ -	$ 13,281.02	$ 8,281.02	$ 5,000.00	
2013	Property	$ 5,026.91	$ -	$ 5,026.91	$ 26.91	$ 5,000.00	
2013	General Liability	$ 41,206.25	$ 41,206.25	$ -	$ 36,206.25	$ 5,000.00	Sewer
2013	Property	$ -	$ -	$ -	$ -	$ -	Sewer
2013	General Liability	$ -	$ -	$ -	$ -	$ -	

Insurance Totals:
Savers:
244, 216
+50,984.60
$295,200.60

FSIA:
222,653
+20, 562.42
$243,215.42

Insurance Totals:
Savers:
244, 216
+13,266.00
$257,482.00

FSIA:
222,653
+8266.00
$230,919

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	Claims History								
Year	**Incident**	**Total Cost**	**Savers Responsibility**	**City Responsibility**	**FSIA Responsibility**	**City Responsibilty**	**Notes**		
2013	General Liability	$ -	$ -	$ -	$ -	$ -			
2013	General Liability	$ -	$ -	$ -	$ -	$ -	Sewer		
2013	General Liability	$ -	$ -	$ -	$ -	$ -	Sewer		
2013	General Liability	$ -	$ -	$ -	$ -	$ -	Sewer		
2013	General Liability	$ -	$ -	$ -	$ -	$ -	Sewer		
2013	General Liability	$ 28,416.09	$ 28,419.09	$ -	$ 23,570.09	$ 5,000.00	Sewer		
2013	General Liability	$ -	$ -	$ -	$ -	$ -	Sewer		
2013	General Liability	$ 2,073.83	$ -	$ 2,073.83	$ -	$ 2,073.83			
2013	General Liability	$ 531.50	$ 531.50	$ -	$ -	$ 531.50	Sewer		
2013	General Liability	$ -	$ -	$ -	$ -	$ -			
2013	General Liability	$ 2,414.44	$ 1,288.87	$ 1,125.57	$ 1,215.57	$ 2,414.44			
2013	General Liability	$ 2,756.85	$ 2,756.85	$ -	$ -	$ 2,756.85	Expense		
TOTALS	**18 Claims**	**$ 100,867.29**	**$ 79,362.96**	**$ 21,507.33**	**$ 74,460.24**	**$ 27,776.62**			

Insurance Totals:
Savers:
244, 216
+21,507.33
$265,723.33

FSIA:
222,653
+27,776.62
$250,429.62

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Year	Incident	Total Cost	Savers Responsibility	City Responsibility	FSIA Responsibility	City Responsibilty	Notes
	Claims History						
2014	Auto	$ 2,851.96	$ 2,851.96	$ -	$ 2,851.96	$ -	
2014	Auto	$ 3,821.58	$ 3,821.58	$ -	$ 321.58	$ -	
2014	Auto	$ 3,938.66	$ 3,938.66	$ -	$ 3,938.66	$ -	
2014	Auto	$ 5,158.64	$ 5,158.64	$ -	$ 5,158.64	$ -	
2014	Auto	$ 1,220.68	$ 1,228.68	$ -	$ 1,228.68	$ -	
2014	General Liability	$ 1,542.97	$ 1,542.97		$ -	$ 1,542.97	Expense
2014	General Liability	$ 1,337.56	$ 1,337.56	$ -		$ 1,337.56	Expense
2014	General Liability	$ 9,323.55	$ 9,323.55	$ -	$ 4,323.55	$ 5,000.00	sewer
TOTALS	**8 Claims**	**$ 29,195.60**	**$ 29,203.60**	**$ -**	**$ 17,823.07**	**$ 7,880.53**	
2015	Auto	$ 2,825.00	$ 2,825.00	$ -	$ 2,825.00	$ -	
2015	Auto	$ 3,725.00	$ 3,725.00	$ -	$ 3,725.00	$ -	
2015	General Liability	$ 800.00	$ 800.00	$ -		$ 800.00	sewer
2015	General Liability	$ 12,105.13	$ 12,105.13	$ -	$ 7,105.13	$ 5,000.00	sewer
2015	General Liability	$ 322.52	$ 322.52	$ -	$ -	$ 322.52	sewer
2015	General Liability	$ -	$ -	$ -	$ -	$ -	sewer
2015	General Liability	$ -	$ -	$ -	$ -	$ -	sewer
2015	Misc.	$ 10,000.00	$ 10,000.00	$ -	$ 10,000.00	$ -	
TOTALS	**9 Claims**	**$ 29,777.65**	**$ 29,777.65**	**$ -**	**$ 23,655.13**	**$ 6,122.52**	
2016	Auto	$ 3,562.35	$ 3,562.35	$ -	$ 3,562.35	$ -	
2016	Auto	$ 1,500.00	$ 1,500.00	$ -	$ 1,500.00	$ -	
2016	Auto	$ 944.94	$ 944.94	$ -	$ 944.94	$ -	
2016	General Liability	$ 1,212.20	$ 1,212.20	$ -	$ -	$ 1,212.20	Expense
2016	General Liability	$ -	$ -	$ -	$ -	$ -	
2016	General Liability	$ -	$ -	$ -	$ -	$ -	
2016	General Liability	$ 370.50	$ 370.50	$ -	$ -	$ 370.50	sewer
TOTALS	**7 Claims**	**$ 7,589.99**	**$ 7,589.99**	**$ -**	**$ 6,007.29**	**$ 1,582.70**	

Insurance Totals:
Savers:
244, 216
+0
$244,216

FSIA:
222,653
+7880.53
$230,533.53

Insurance Totals:
Savers:
244, 216
+0
$244,216

FSIA:
222,653
+6122.52
$228,775.52

Insurance Totals:
Savers:
244,216
+0
$244,216.00

FSIA:
222,653
+1582.70
$224,235.70

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Year	Incident	Total Cost	Savers Responsibility	City Responsibility	FSIA Responsibility	City Responsibilty	Notes		
	Claims History								
2017	Auto	$ 13,405.13	$ 13,405.13	$ -	$ 13,405.13	$ -			
2017	General Liability	$ -	$ -	$ -	$ -	$ -			
2017	General Liability	$ -	$ -	$ -	$ -	$ -			
2017	General Liability	$ 10,000.00	$ -	$ 10,000.00	$ 5,000.00	$ 5,000.00			
2017	General Liability	$ 7,502.00	$ 2,120.38	$ 5,381.62	$ 2,502.00	$ 5,000.00			
		$ 30,907.13	$ 15,525.51	$ 15,381.62	$ 20,907.13	$ 10,000.00			
	CITY RESPONSIBILITY OF 2011-2017 INSURANCE TOTALS:			**SAVERS:**	**$1,810,795.44**				
				FSIA:	**$1,640,761.79**				

Insurance Totals:
Savers:
244, 216
+15,525.51
$259,741.51

FSIA:
222,653
+10,000
$232,653

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HOUSING AUTHORITY
of the City of Boonville
506 Powell Ct. Office: 660-882-7332
Boonville, MO 65233-1521 Fax: 660-882-6811

MINUTES OF THE REGULAR MEETING OF THE HOUSING AUTHORITY OF THE CITY OF BOONVILLE, MO HELD ON NOVEMBER 14, 2018

On the 14th of November, 2018 at 12:00 P.M. the Housing Authority Commissioners met for a regular meeting at 506 Powell Court, Boonville, MO 65233

1. **Roll Call**: A roll call of the following members were present;
City Council Rep. Morris Carter   Chairperson, John Linville   Commissioner, Albert Turner
Commissioner, Charles Green   Secretary, Robert Rorah   Commissioner, Marilyn Adkins
Guest: Stacey Pagliaro, Scotty Purvis   Absent: Laura Holman

There being a quorum present Chairperson, John Linville called the meeting to order and asked if there is any pertinent information to discuss before the agenda is placed on the table, hearing none:

2. **Meeting Minutes:** Consideration was given, and discussion held on minutes of the October 10, 2018 Regular Board Meeting. John Linville made motion to approve the minutes. The motion was seconded by Marilyn Adkins. The motion passed.
3. **Bills and Communications:** The UMB Bank Balance for November 14, 2018 was $40,908.78. Consideration was given, and discussion held on Bills Paid in October 2018. The Bank Reconciliation Statement from September 30, 2018 along with the corresponding Operating Budget Trial Balance and Board Summary Reports were discussed and reviewed. Marilyn Adkins made motion to cash in CD #122398 at Citizens Bank & Trust for approximately $17,682 and deposit into our Cash General Fund at UMB. John Linville second the motion. The motion passed.
4. **Report of the Secretary:** PIC Report from October 31, 2018 was at 100%. The Project Performance Reports for September 30, 2018 were also distributed and discussed, Tenant Occupancy was at 100%.
5. **Unfinished Business:** a. Discussion was held, and consideration was given on Pilot Payments for FYE June 30, 2018. Loucks & Schwartz are calculating PILOT payments for distribution. b. Mr. Rorah reported the new maintenance truck and lift should be delivered sometime this month. c. Mr. Purvis reported the Lead Base Paint Inspection took place on November 6, 2018 and the inspectors gave a verbal "no" Lead Base Paint detected, but we are awaiting the final report.
6. **New Business:** a. Discussion was held on Commissioners Certificate with address change and phone number changes made. b. Tree Trimming and Removal estimates and insurance requirements were discussed and reviewed. c. Consideration was given, and discussion held on adding Veterans to the first preference category on the wait list as part of the 2019 Annual Plan. Veterans would hold the same status as elderly and disables. Albert Turner made motion to include Veterans in category one of the preference list with equal status along with elderly and disabled. Charles green Second the motion. The motion passed.
7. **Miscellaneous:** None

8. **Adjournment** John Linville made motion to adjourn the meeting, Marilyn Adkins second. Meeting adjourned.

CHAIRPERSON: ____________________ Date__________

SECRETARY: ____________________ Date__________

1200 Locust Street | Boonville, MO 65233

City Of est. 1839
BOONVILLE
PUBLIC WORKS

660-822-5257 | Fax: 660-882-8218

MEMORANDUM

TO: Street, Alley and Sanitation Board

FROM: M. L. Cauthon III, Director of Public Works

DATE: November 21, 2018

RE: November 28, 2018 Meeting Cancellation

The Street, Alley and Sanitation Board regularly scheduled meeting for Wednesday, November 28, 2018 is cancelled. There are no pending agenda items for board consideration.

M. L. Cauthon III

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THE INDUSTRIAL DEVELOPMENT AUTHORITY (IDA) OF THE CITY OF BOONVILLE, MO
MINUTES
November 15, 2018

Call to Order
The Directors of the Industrial Development Authority of the City of Boonville, MO met at the City Council Chambers on November 15, 2018. President Ken Hirlinger called the meeting to order at 5:30PM.
Members present were Sam Giroux, Ken Hirlinger, Lindi Overton, Jim Gann, Chad Gaines and Mike Conway.
Members Absent: Bob Irish, Harry Enderle, Tabitha Greis, and Steve Young (Council Rep)
Staff and Visitors: Kate Fjell, Assistant to the City Administrator, Ned beach (mayor), Don Bargary (Cooper County Commissioner) and Corey TenBensel (CoMO Cooperative)

Public Comments
There were no public comments.

Approval of Minutes
Minutes of the September 27, 2018 meeting were presented. The content of the minutes were approved after a motion by Sam Giroux and a second by Lindi Overton.

Treasurer's Report
The Treasurer's Report was presented by Treasurer Sam Giroux and reviewed by the Board. The Report was approved after a motion by Jim Gann and a second by Lindi Overton.

Old Business

a. Financial Review
   Lindi reported that she had compiled all of the necessary financial paperwork and emailed it to GKC. She is also dropping a hard copy off at their office. An official letter will be sent by Kate.
b. Economic Developer Discussion
   Kenny Hirlinger expressed some frustration with the City's lack of forward movement on the decision for how to move forward with economic development. He reiterated the County's willingness to help fund the position and the likelihood of the position being responsible for the County and City. Kenny stated that the IDA board may need to look at taking the lead and hiring an ED and a strategic planning session may be necessary to help move the conversation forward.

   Mike asked for clarification on the City's position or interest. Ned stated that the economic developer position has not been finalized yet and has not come to a decision point yet. The economic developer position and its potential affiliation/ associated duties with the housing development initiative is still being reviewed and discussed, which is one reason why the City has moved forward with any decision yet.

   Don Bargary stated that the County is willing to continue to partially fund at the same or slightly greater level than in years past for a cooperative City/County ED position.

   Jim reiterated to the Board that he did not believe the ED position warranted a full time person and if a person was hired full time they would likely be given additional duties that might overshadow the traditional economic development position. However, it is difficult to find an part time person for this position.

   Chad suggested that the IDA plan a work session in January to discuss this issue. Kenny said the issue will be looked at during the December meeting also.

New Business
None

President's Report
Kenny asked if there was any update on Project Rumbleseat. Kate reported that there hasn't been any new discussions or discussions.

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Kenny asked Sam to provide an update on the Housing Committee work. Sam reported that the Committee is planning to host a meet and greet for property owners and developers in the region. This will also give the City a chance to market itself and demonstrate that it is open for business.

Kenny reported that the IDA will solicit a report from CMMG in January in accordance with the agreement the two partied entered into as a part of CMMG's move to Boonville.

Next Board Meeting
The next meeting of the IDA is scheduled will be on Thursday, December 13 at 5:30 PM in the Council Chambers. The meeting is earlier than the regular date due to the Christmas holiday.

Adjournment
There being no further business a motion was made to adjourn by Jim Gann and a second by Sam Giroux. The motion carried and the meeting was adjourned at 6:15

Respectfully submitted,

Kate Fjell
Asst. to City Administrator

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WATER RESOURCES®
Alliance
Professional Water and Wastewater Operations

REPORT OF OPERATIONS

Boonville, Missouri

Water Treatment Plant

October 2018

Submitted by Alliance Water Resources, Inc.

December 03, 2018

City Council Meeting

OPERATIONS REPORT – Boonville

October 2018

Administrative

- Russell Gerling was promoted to a Local Manager in Ashland. We are in the process of finding a replacement.

Treatment

- Normal operations and maintenance were performed this month.
- Replaced the motor on the clear well exhaust fan.
- Temperature sensor on the generator has failed. Cummins will order part and replace.
- Performed the yearly switch to chlorine as the disinfectant this month.
- Removed scales from the ammonia room and repaired floor and applied a chemical resistant coating to floor.
- Put in a new outlet and switch for the transfer pump in the ammonia room.
- Power outages at the Hospital tower and Cat tower. Ameren repaired both.
- Replaced the cylinder and seals on #5 filter air scour line.

Project Updates

- Received quotes to repair the leaks in the plant roof.

Safety

- Safety meeting was on Fire Safety and safe driving.
- Working on arc flash data.

Regulatory

- Ten Microbiological samples were taken in the distribution system. All samples tested were absent of Total Coliform and E-Coli. Report sent to DNR. (see attached)
- Replied to the DNR on issues found on the sanitary survey.

Concerns for the Month

- No news on the NPDES permit.
- High TTHM readings for the quarter.

Positives for the Month

- No damage to the equipment involved in the power outage.
- Still in compliance with the TTHM even though there were high readings.

OUR MISSION

We partner with communities to deliver the finest water and wastewater services available at a competitive price. We are committed to keeping water safe and clean while serving people and taking care of communities with improved technical operations, careful management and financial oversight, and ensured regulatory compliance.

Alliance Water Resources, Inc.

206 S. Keene St.
Columbia, MO
65201

(573)874-8080

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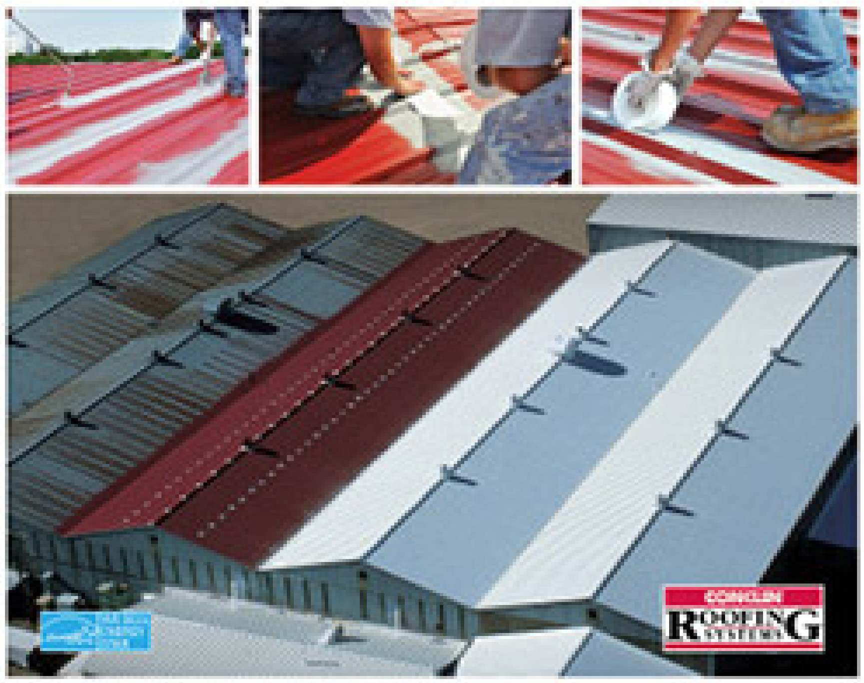
Alliance WATER RESOURCES®
Professional Water and Wastewater Operations

OPERATIONS REPORT – Boonville

.

<u>PHOTOS</u>
Roofing repair example



<u>OUR MISSION</u>

We partner with communities to deliver the finest water and wastewater services available at a competitive price. We are committed to keeping water safe and clean while serving people and taking care of communities with improved technical operations, careful management and financial oversight, and ensured regulatory compliance.

Alliance Water Resources, Inc.

**206 S. Keene St.
Columbia, MO
65201**

(573)874-8080

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
WATER PROTECTION PROGRAM – PUBLIC DRINKING WATER BRANCH

DISINFECTION AND TURBIDITY REPORT FOR SURFACE WATER SYSTEMS < 10,000 POPULATION

PWS NAME: City of Boonville		PWS ID: MO 3010089	MONTH: October
ADDRESS: 901 Riviera Drive		TELEPHONE NUMBER WITH AREA CODE: (660) 882-4021	YEAR: 2018
CITY: Boonville	ZIP CODE: 65233	COUNTY: Cooper	PLANT: Main

SEE INSTRUCTIONS

DISTRIBUTION DISINFECTION
1. Number of samples analyzed, A: 10
2. Number of samples below 0.2 mg/L, B: 0
[(A-B)/A] x 100 = C: 100 % meeting minimum disinfection required.
3. Avg. disinfectant residual for the month 2.4 mg/l

TURBIDITY
1. Total number measurements taken monthly, A: 204
2. Number of measurements below 0.3 NTU, B: 204
[B/A] x 100 = C: 100 % meeting turbidity requirements.

Date	Hours of operation	Finished water temperature (C)	Lowest disinfectant at entrance to distribution system (mg/L) ☑ Free Chlorine 3-31 ☑ Chloramines 1-2	Highest turbidity measurement of the day	Duration disinfectant fell below 0.5 mg/L free Cl_2 or 1 mg/L chloramines	Value of turbidity measurements that exceed 1NTU	5 NTU
1	6.5	21	1.97 Chloramines	.03	X	X	X
2	5.0	21	1.73	.03	X	X	X
3	6.25	21	1.33 Free Chlorine	.02	X	X	X
4	6.5	21	1.34	.03	X	X	X
5	5.5	21	2.35	.03	X	X	X
6	5.5	20	2.49	.03	X	X	X
7	4.5	21	2.13	.03	X	X	X
8	5.0	20	2.34	.03	X	X	X
9	5.5	20	2.71	.03	X	X	X
10	4.75	19	2.23	.02	X	X	X
11	6.25	19	2.67	.03	X	X	X
12	6.0	18	2.59	.04	X	X	X
13	4.25	18	2.74	.04	X	X	X
14	5	16	2.35	.04	X	X	X
15	5.25	17	2.33	.04	X	X	X
16	5.75	16	2.62	.03	X	X	X
17	4.50	16	1.75	.04	X	X	X
18	7.0	14	3.04	.03	X	X	X
19	4.0	15	2.98	.03	X	X	X
20	5.0	16	3.11	.03	X	X	X
21	5.0	15	2.54	.03	X	X	X
22	5.25	15	2.58	.03	X	X	X
23	5.75	14	2.48	.03	X	X	X
24	6.50	14	2.45	.03	X	X	X
25	5.25	13	2.53	.03	X	X	X
26	4.25	14	2.80	.03	X	X	X
27	4.75	16	2.34	.03	X	X	X
28	4.75	15	2.43	.03	X	X	X
29	6.0	16	2.27	.03	X	X	X
30	4.5	14	2.83	.04	X	X	X
31	6.75	14	2.22	.07	X	X	X

NAME OF PERSON PREPARING REPORT	SIGNATURE OF RESPONSIBLE OFFICIAL	DATE
Todd W. Baslee	[signature]	11/9/2018

MO 780-1904 (07-13)

INSTRUCTIONS: DISINFECTION AND TURBIDITY REPORT FOR SURFACE WATER SYSTEMS <10,000 POPULATION

Please fill out information completely and legibly.

Distribution Disinfection

1. On line 1, enter the total number of samples from the distribution system analyzed for residual disinfectant concentration (total chlorine or combined chlorine) during the month. The residual disinfectant concentration measurements must be taken at the same time and location as your routine monthly coliform samples. This is the value for A.
2. On line 2, enter the number of samples for the distribution systems that had less than 0.2 mg/L residual disinfectant concentration. This is the value for B.
3. Subtract B, from A. (A-B). Divide that number by A. Then multiply by 100. This will give you the value for C. For example: if A= 20 and B= 3, then C= [(20-3)/20] x 100 = 85%
4. On line 3, enter the arithmetic average for all residual disinfectant samples taken during the month.

Turbidity:

1 On line 1, enter the total number of combined filter turbidity measurements taken during the month. This is the value for A.

2 On line 2, enter the number of combined filter turbidity measurements taken during the month, which are less than or equal to 0.3 NTU.
This is the value for B.

3 Divide B. by A. (B/A). Then multiply that number by 100. This will give you the value for C. For example: if A = 120 and B = 117, then C= (117/120) x 100 = 97.5%

Hours of operation:

For each day, record the number of hours each water treatment plant was in operation.

Finished Water Temperature

For each day, record the temperature of water entering the distribution.

Lowest Residual Disinfectant at Entrance to Distribution System:

For each day, record the lowest measurement of residual disinfectant concentration (mg/L) in water entering the distribution system (free available chlorine or chloramines).

Duration Residual Disinfectant Fell Below Requirement:

For each day, record the duration (hours, tenths) of each period (if any) when the residual disinfectant concentration in water entering the distribution system fell below 0.5 mg/L free chlorine or 1 mg/L chloramines. Note: should this occur the public water system must notify the department as soon as possible, but no later than by the end of the next business day.

The Highest Turbidity Reading for the Day:

For each day, record the highest turbidity reading on the combined plant effluent during the plants operational period.

Value of Turbidity Measurements that exceed 1 NTU and 5 NTU:

For each day, record the value of any turbidity measurements taken during the month, which exceed 1 NTU and 5 NTU. Note: should this occur the public water system must notify the department as soon as possible, but no later than the end of the next business day.

INDIVIDUAL FILTER MONITORING AND REPORTING

1 Was each filter continuously monitored for turbidity and results recorded every 15 minutes? Yes

2 Was there a failure of the continuous turbidity monitoring equipment? No
If yes on 2, was the equipment repaired within 5 working days or 14 days with department approval? N/A
If yes on 2, was grab sampling done every four hours until failure corrected? N/A

3 Was any individual filter turbidity level >1.0 NTU in two consecutive measurements taken 15 minutes apart? No
If yes, perform follow-up actions step 1.

4 Was any individual filter level for three months in a row > 1.0 NTU in two consecutive recordings taken 15 minutes apart? No
If YES, perform follow-up actions step 2

5 Was any individual filter turbidity level > 2.0 NTU in two consecutive recordings taken 15 minutes apart for two consecutive months? No
If YES, perform follow-up actions step 3

FOLLOW-UP ACTIONS to PERFORM

1. Report filter numbers, turbidity measurements that exceed 1 NTU and dates the exceedances occurred and causes if known.
2. Conduct a self-assessment of the filters within 14 days of the triggering event. The system must report the date self-assessment was triggered and the date it was completed.
3. The system must arrange to have a comprehensive performance evaluation performed not later than 60 days following the triggering event. The evaluation must be completed and submitted to the department within 120 days following the triggering event.

The Missouri Department of Natural Resources-Public Drinking Water Branch recommends contacting your local regional office if any individual filter exceeds 1.0 NTU, the lowest trigger in the individual filter standards.

MO 780-1904 (07-13)

MISSOURI DEPARTMENT OF NATURAL RESOURCES
WATER PROTECTION PROGRAM – PUBLIC DRINKING WATER BRANCH

MONTHLY UV OPERATION REPORT

1. PUBLIC WATER SYSTEM NAME	PWS ID	2. MONTH / YEAR
City of Boonville	MO3010089	October 2018
ADDRESS: 901 Riviera Drive	TELEPHONE NUMBER WITH AREA CODE: 660-882-4021	EMAIL ADDRESS: tbaslee@alliancewater.com
CITY: Boonville	ZIP CODE: 65233	COUNTY: Cooper

3. Unit	4. Total Run Time (hrs)	5. Total Volume (MG)	6. Dosage (mJ/cm^2)	7. Number of Off-Specification Events	8. Total Off-Specification Volume (MG)
1 - Transfer	166.75	32.171	8.4	0	0.00
2 - Tower	0.00	0.00	N/A	N/A	N/A

9. TOTAL VOLUME OF OFF-SPECIFICATION WATER PRODUCED (MG) [A]	10. TOTAL VOLUME OF WATER PRODUCED (MG) [B]
0.00	32.171
11. PERCENT OF OFF-SPECIFICATION WATER PRODUCED ([A]/[B]*100)	12. PERCENT OF OFF-SPECIFICATION WATER PRODUCED <5 PERCENT
0.00%	☑ YES ☐ NO

13. Of the 8 sensors, 8 have been checked for calibration and 8 were within the acceptable range of tolerance.

14. The following reactors had a sensor correction factor	Unit	Sensor correction factor

15. COMMENTS

16. NAME OF PERSON PREPARING REPORT	17. SIGNATURE OF RESPONSIBLE OFFICAL	DATE
Todd Baslee	[signature]	11/9/2018

MO 780-2208 (06-13)

MISSOURI DEPARTMENT OF NATURAL RESOURCES
WATER PROTECTION PROGRAM
MICROBIOLOGICAL ANALYSIS REPORT

PUBLIC WATER SYSTEM NAME City of Boonville		LABORATORY NAME Boonville Water Plant	LABORATORY TELEPHONE NUMBER WITH AREA CODE 660-882-4021
STREET ADDRESS 901 Riviera Drive		CERTIFICATION NUMBER #15	
CITY Boonville	ZIP CODE 65233		
COUNTY Cooper	ID NUMBER MO3010089	SAMPLE COLLECTOR NAME OR INITIALS Russell Gerling/Todd Baslee	

SAMPLE DATE MO/DAY/YR	SAMPLE TYPE	COLLECTION POINT	SAMPLE LOCATION ID	SAMPLE RESULTS		CHLORINE RESIDUAL (mg/L)	
				TOTAL COLIFORM	FECAL E-COLI	TOTAL	FREE
10/09/2018	R	1216 E Morgan	10	A	A	2.0	1.2
10/09/2018	R	1121 Main St	13	A	A	1.5	1.1
10/09/2018	R	717 Main St	14	A	A	2.4	1.6
10/09/2018	R	614 Santa Fe Trail	16	A	A	3.3	2.7
10/09/2018	R	1012 Jefferson Rd	19	A	A	2.2	1.6
10/31/2018	R	1550 W Ashley Rd	11	A	A	3.8	3.4
10/31/2018	R	1016 Hilldell	18	A	A	2.8	2.5
10/31/2018	R	600 Sonya Dr	22	A	A	2.6	2.3
10/31/2018	R	2441 Pioneer St	23	A	A	1.2	1.1
10/31/2018	R	940 Oregon Trail	24	A	A	2.2	2.0

TOTAL ROUTINE SAMPLE ANALZED 10 (Ten)	MONITORING VIOLATION ☐ Yes ☐ No	MCL VIOLATION ☐ Yes ☐ No
TITLE Chief Plant Operator/Chief Analyst	DATE 11/09/2018	
SIGNATURE		

MO 780-0436 (05-13) **Return completed form to Department of Natural Resources, Public Drinking Water Branch, P.O. Box 176, Jefferson City, MO 65102-0176**

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Missouri Department of Natural Resources

Environmental Services Program
PO Box 176 Jefferson City MO 65102-0176

RESULTS OF SAMPLE ANALYSES

Test Group:
THM-HAA

Order ID:
180728092

RUSSELL A GERLING
BOONVILLE PWS
901 RIVERIA DR

BOONVILLE MO 65233

Report Date:
9/27/2018

Sample: AD31161 **Facility ID:** MO3010089

Site: BOONVILLE PWS **County:** COOPER

Collect Date: 8/20/2018 1:35:00 PM

Sample Location: SM-B-1216 E MORGAN STREET DBPDUAL-01

Test	Parameter/Method	Result	Units	Qualifier(s)	MCL	SS
552.2	Bromochloroacetic Acid/552.2	11.8	µg/L			
552.2	Bromodichloroacetic Acid/552.2	7.40	µg/L			
552.2	Chlorodibromoacetic Acid/552.2	2.85	µg/L			
552.2	Dibromoacetic Acid/552.2	2.77	µg/L			
552.2	Dichloroacetic Acid/552.2	29.1	µg/L			
552.2	Monobromoacetic Acid/552.2	<1.0	µg/L	ND		
552.2	Monochloroacetic Acid/552.2	<5.0	µg/L	ND		
552.2	Tribromoacetic Acid/552.2	<2.0	µg/L	29, ND		
552.2	Trichloroacetic Acid/552.2	15.9	µg/L			
THMs	Bromodichloromethane/524.2	24.3	µg/L			
THMs	Bromoform/524.2	1.08	µg/L			
THMs	Chloroform/524.2	90.7	µg/L			
THMs	Dibromochloromethane/524.2	8.95	µg/L			
Total HAA5	Total HAA5/552.2	47.8	µg/L		60	
Total THM	Total THM/524.2	125	µg/L		80	

Sample: AD31162 **Facility ID:** MO3010089

Site: BOONVILLE PWS **County:** COOPER

Collect Date: 8/20/2018 1:20:00 PM

Sample Location: SM-D-819 JEFFERSON ROAD DBPDUAL-02

Test	Parameter/Method	Result	Units	Qualifier(s)	MCL	SS
552.2	Bromochloroacetic Acid/552.2	10.3	µg/L			
552.2	Bromodichloroacetic Acid/552.2	6.76	µg/L			
552.2	Chlorodibromoacetic Acid/552.2	2.24	µg/L			
552.2	Dibromoacetic Acid/552.2	2.54	µg/L			
552.2	Dichloroacetic Acid/552.2	27.2	µg/L			
552.2	Monobromoacetic Acid/552.2	<1.0	µg/L	ND		
552.2	Monochloroacetic Acid/552.2	<5.0	µg/L	ND		
552.2	Tribromoacetic Acid/552.2	<2.0	µg/L	29, ND		
552.2	Trichloroacetic Acid/552.2	15.6	µg/L			
THMs	Bromodichloromethane/524.2	25.7	µg/L			
THMs	Bromoform/524.2	1.12	µg/L			
THMs	Chloroform/524.2	96.5	µg/L			
THMs	Dibromochloromethane/524.2	9.58	µg/L			
Total HAA5	Total HAA5/552.2	45.3	µg/L		60	
Total THM	Total THM/524.2	133	µg/L		80	

MCL- A Maximum Contaminant Level (MCL) is the legal threshold limit on the amount of a substance that is allowed in drinking water under the Federal Safe Drinking Water Act. MCLs are health based, legally enforceable standards. Drinking water results below the MCLs are considered safe.
*Lead and Copper samples have an Action Level (AL) and not an MCL. The AL levels for Lead and Copper are shown in the MCL column.
SS- Secondary Drinking Water Regulations (secondary standards) are non-enforceable guidelines regulating contaminants that may cause aesthetic effects in drinking water, such as taste, color or odor. It is recommended that water systems comply with secondary standards but water systems are not required to comply.

The analysis of this sample was performed in accordance with procedures approved or recognized by the U. S. Environmental Protection Agency. If you have any questions, please contact Mr. Eric Medlock at (573) 522-5028.

Data Qualifier(s)

29	Estimated value, QC data biased low	ND	Not detected at reported value

Kevin Thoenen

Kevin Thoenen,
Laboratory Manager
Environmental Services Program
Division of Environmental Quality