



## **CITY OF ANAMOSA**

### **CITY COUNCIL AGENDA – REGULAR SESSION**

**MONDAY, OCTOBER 25, 2021 – 6:00 P.M.**  
**ANAMOSA LIBRARY & LEARNING CENTER**  
**600 EAST 1ST STREET, ANAMOSA, IA 52205**

Zoom Meeting Link

<https://us02web.zoom.us/j/84997176320>

Meeting ID: 849 9717 6320

Passcode: Anamosa

Join by Telephone

+1 312 626 6799

Meeting ID: 849 9717 6320

Passcode: 0367604

*If you wish to address the City Council, please wait for the Mayor to open the floor for public comment on that agenda item and then approach the podium. Before speaking, please state your name and address. Each speaker is limited to five (5) minutes per agenda item and is expected to refrain from the use of profane, obscene, or slanderous language. The above Zoom link does not allow for participation in the meeting. It is for viewing only.*

**1.0) ROLL CALL**

**2.0) PLEDGE OF ALLEGIANCE**

**3.0) APPROVAL OF AGENDA**

**4.0) MOTION TO APPROVE THE MINUTES FROM THE FOLLOWING MEETINGS:**

4.1) October 11, 2021 – Regular City Council Meeting

**5.0) PUBLIC HEARINGS: NONE**

**6.0) PROCLAMATIONS: NONE**

**7.0) OLD BUSINESS:**

7.1) **DOWNTOWN FAÇADE PROJECT UPDATE: DISCUSSION** AND POSSIBLE ACTION ON CHANGE ORDER 14, 15, AND 16. (Derek Lumsden)

7.2) **REVIEW AND APPROVAL OF PAY APPLICATION NO. 4 TO TRICON IN THE AMOUNT OF \$106,837.78 FOR THE DOWNTOWN FAÇADE PROJECT.**

7.3) **UPDATE ON DILLON MILITARY BRIDGE DISCUSSION. POSSIBLE ACTION ON CLOSING THE BRIDGE.**

7.4) **PROJECT STATUS UPDATE FROM SNYDER AND ASSOCIATES** (Lindsay Beaman, Tim Wallace)

7.5) **PROJECT STATUS UPDATE FROM HR GREEN** (Andrew Marsh, Josh Scanlon)

7.6) **SECOND READING OF AN ORDINANCE AMENDING CHAPTER 122 – TRANSIENT MERCHANT. ROLL VOTE.**

7.7) **SECOND READING OF AN ORDINANCE REPEALING AND REPLACING CHAPTER 160 – FLOOD PLAIN. ROLL VOTE.**

**8.0) NEW BUSINESS**

- 8.1) **DISCUSSION** AND POSSIBLE ACTION ON ENGINEERING PROPOSALS FOR BIOSOLIDS AND DEWATERING PROJECTS. (Steve Agnitsch, Utilities Superintendent)
- 8.2) **REVIEW AND APPROVAL** OF APPLICATION BY LOGAN LUDWIG TO JOIN ANAMOSA VOLUNTEER FIRE DEPARTMENT.
- 8.3) **REVIEW AND APPROVAL** OF APPLICATION BY VALERIE KEPPEL TO JOIN ANAMOSA VOLUNTEER FIRE DEPARTMENT.
- 8.4) **DISCUSSION** AND POSSIBLE ACTION ON TRICK OR TREAT IN ANAMOSA.
- 8.5) **DISCUSSION** AND POSSIBLE ACTION ON PARK BOARD LIASON APPOINTMENT.
- 8.6) **REVIEW AND APPROVAL** OF LIQUOR LICENSE RENEWAL FOR MCOTTO'S.
- 8.7) **REVIEW AND APPROVAL** OF LIQUOR LICENSE RENEWAL FOR TYLER AND DOWNING.
- 8.8) **REVIEW AND APPROVAL** OF LIQUOR LICENSE RENEWAL FOR TUCKER'S TAVERN.
- 8.9) **REVIEW AND APPROVAL** OF CURRENT BILLS.

**9.0) CITY ADMINISTRATOR'S REPORT:**

**10.0) MAYOR AND COUNCIL REPORTS:**

- 10.1) MAYOR'S REPORT
- 10.2) COUNCIL REPORTS

**11.0) PUBLIC COMMENT FOR ITEMS NOT ON THE AGENDA**

**12.0) ADJOURNMENT**

STATEMENT OF COUNCIL PROCEEDINGS  
October 11, 2021

The City Council of the City of Anamosa met in Regular Session October 11, 2021 at the Anamosa Library and Learning Center and via Zoom at 6:00 p.m. with Mayor Rod Smith presiding. The following Council Members were present: John Machart, Rich Crump, Jeff Stout, Kay Smith, Alan Zumbach, and Galen Capron. Absent: none. Also present were Beth Brincks, City Administrator/Clerk; Rebecca Vernon, Library Director and Jeremiah Hoyt, Police Chief. Iowa Code Chapter 21, as interpreted, permits public meetings to be held electronically.

Mayor Rod Smith called the meeting to order at 6:00 p.m. Roll call was taken with a quorum present.

Pledge of Allegiance.

Motion by Smith, second by Stout to approve the agenda. Ayes: all. Nays: none. Motion carried.

Motion by Crump, second by Machart to approve the minutes of the September 27, 2021 Regular City Council meeting. Ayes: all. Nays: none. Motion carried.

The Mayor opened the Public Hearing at 6:02pm. Tom Gruis of the East Central Iowa Council of Governments presented the status of funded activities for the Downtown Revitalization Project of Anamosa, Iowa, as assisted by the Community Development Block Grant (CDBG) Program. As required for this hearing, it is noted that: a. for a general description of accomplishments to date, it is noted that the following has been completed: architectural designs for nine facades, covering ten addresses, have been completed and bid out for construction. Construction is under way. To date demolition, asbestos removal, structural beam replacements, masonry repairs, roof repairs and replacements have all been completed. b. for a summary of expenditures to-date: through September 10, 2021, a total of \$344,974 has been invoiced and submitted for grant reimbursement: \$201,443 for construction; \$128,357 for architectural; and \$15,173 for grant administration, environmental/materials testing (asbestos, mortar), and easements. An additional \$181,804 has been invoiced for construction and \$2,250 for grant administration and will be submitted for reimbursement. From a grant of \$500,000, design and construction costs are reimbursed at 49% and administration costs are reimbursed at 81%. \$174,306 of grant funds have been requested to date, with \$353,194 in remaining funds to be reimbursed. c. For a general description of remaining work, it is noted that the following is needed: Exterior painting is underway and should soon be finished. Rough carpentry and drywall have been completed on some buildings but has not yet started on others. New second floor windows are soon to be installed. Aluminum storefront, finish carpentry, historic window repair, and interior painting remain to be completed. d. For a general description of changes made to the project budget, performance targets, activity schedules, project scope, location, objectives or beneficiaries: there have been no changes in the project location, objectives or beneficiaries. Changes in project scope arose due to unforeseen and hidden conditions including a severely deteriorated parapet wall, uncovered asbestos, material substitutions due to availability, deteriorated oriel window structure, and minor owner directed changes. The overall net increase to the construction contract amount from Change Orders is \$25,879.29. The substantial and final completion dates remain unchanged. Public in attendance making comment: Tammy Dearborn stated that it looks very good and looking forward getting the

Page 1 of 3

windows in. Tom Durgin stated that it looks nice and glad to see the progress. No other public comments were received. Motion by Zumbach, second by Crump to close the public hearing. Ayes: all. Nays: none. Motion carried. Hearing closed at 6:08pm

Brian Stark with Martin Gardner Architecture presented information on the Police Station Renovation Project. He presented the floor plan and cost estimate.

Tom Durgin presented a video and information about the condition of the Dillion Military Bridge. There is a 28e agreement with Jones County since there is joint ownership. John Dirks and Durgin would like to install a cradle to hold one side together. They would like to see the bridge closed and saved. Motion by Crump, second by Smith to contact the County about hiring an engineering firm to start the process to investigate the bridge. Ayes: all. Nays: None. Motion carried.

Motion by Crump, second by Zumbach to approve DNR Inspection Report for the Wastewater Treatment Plant and answers to concerns. Ayes: all. Nays: none. Motion carried.

Motion by Smith, second by Stout to table the first reading of an Ordinance Amending Chapter 90.14 – Water Billing. Several property owners spoke to the amendment. Discussion was had. Roll vote. Ayes: Smith, Machart, Zumbach, Capron, Stout, and Crump. Nays: none. Motion carried.

Motion by Crump, second by Machart to approve the first reading of an Ordinance Amending Chapter 122 – Transient Merchant. Discussion was had. Roll vote. Ayes: Capron, Crump, Stout, Smith, Machart, and Zumbach. Nays: none. Motion carried.

Motion by Crump, second by Zumbach to approve the First Reading of an Ordinance Repealing and Replacing Chapter 160 – Flood Plain. Roll vote. Ayes: Machart, Smith, Stout, Capron, Zumbach, and Crump. Nays: none. Motion carried.

Motion by Smith, second by Crump to approve Resolution 2021-57 hiring and setting salary for a part time front desk attendant for the Lawrence Community Center. Roll vote. Ayes: Zumbach, Capron, Stout, Crump, Smith, and Machart. Nays: none. Motion carried.

Motion by Crump, second by Stout to approve Resolution 2021-58 hiring and setting salary for a part time Street Laborer I. Roll vote. Ayes: Crump, Capron, Smith, Stout, Machart, and Zumbach. Nays: none. Motion carried.

Motion by Smith, second by Crump to approve Resolution 2021-59 authorizing users and administrators for the City of Anamosa vendor accounts. Roll vote. Ayes: Stout, Smith, Crump, Machart, Zumbach, and Capron. Nays: none. Motion carried.

Motion by Crump, second by Smith to approve Resolution 2021-60 authorizing the installation of street lights by Alliant Energy. Roll vote. Ayes: Zumbach, Crump, Smith, Capron, Machart, and Stout. Nays: none. Motion carried.

Motion by Smith, Second by Zumbach to approve the independent Auditors' report for Fiscal Year Ending June 30, 2020. Ayes: all. Nays: none. Motion carried.



Motion by Crump, second by Machart to approve the request for qualifications for architectural services for the CDBG Downtown Façade Improvements Second Phase. Ayes: all. Nays: none. Motion carried.

There was discussion of the Meadow Ridge 8<sup>th</sup> Addition. Outlot A had been recorded to be donated to the City for a neighborhood park. Approximately half an acre has been sold to Councilmember Stout. Bryce Ricklefs (developer), Nancy Shaffer (Park and Rec Board Member) and Paul Heims (Citizen of Meadow Ridge) also commented. Motion by Crump, second by Smith stating that the City no knowledge and gave no approval for the sale of a portion of outlot A in Meadow Ridge 8<sup>th</sup> Addition. Ayes: all. Nays: none. Motion carried.

Motion by Zumbach to table any action on the chain of command relative to the City Administrator. This motion died for lack of a second. Motion by Crump, second by Capron to direct the City Attorney to draft a Resolution of Censure. Discussion was had as to the powers of the Mayor. Ayes: all. Nays: none. Motion carried.

Motion by Smith, second by Machart to approve the Liquor License Renewal for Fareway. Ayes: all. Nays: none. Motion carried.

Motion by Capron, second by Zumbach to approve current bills. Ayes: all. Nays: none. Motion carried.

Beth Brincks, City Administrator/City Clerk presented her City Administrator's report.

Mayor and Council Reports: Machart reported that E911 met and discussed their budget. Capron attended the Solid Waste Commission meeting and there will be a survey coming out and their new end loader is on backorder. Stout reported that the roof is being replaced on the LCC and fencing and other items for repairs are on back order.

Public comments: Tom Durgin commented that legal issues should be considered with shut off meters.

Motion by Crump, second by Machart to adjourn. Ayes: all. Nays: none. Motion Carried. Meeting adjourned at 9:43 pm.

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Rod Smith, Mayor

ATTEST:

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Beth Brincks, City Clerk



# AIA<sup>®</sup> Document G701<sup>™</sup> – 2017

## Change Order

<b>PROJECT:</b> <i>(Name and address)</i> Anamosa Downtown Revitalization Facade Improvement Project Downtown Business District (Multiple Addresses) Anamosa, IA 52205	<b>CONTRACT INFORMATION:</b> Contract For: General Construction  Date: March 4, 2021	<b>CHANGE ORDER INFORMATION:</b> Change Order Number: 014  Date: October 13, 2021
<b>OWNER:</b> <i>(Name and address)</i> City of Anamosa 107 South Ford Street Anamosa, IA 52205	<b>ARCHITECT:</b> <i>(Name and address)</i> Martin Gardner Architecture, P.C. 700 11th St., Ste. 200 Marion, IA 52302	<b>CONTRACTOR:</b> <i>(Name and address)</i> Tricon General Construction, Inc. 1230 East 12th Street Dubuque, IA 52001

### THE CONTRACT IS CHANGED AS FOLLOWS:

*(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)*

See attached Tricon COR#8 for building 201 E Main dated October 5, 2021.

The original Contract Sum was	\$	913,980.00
The net change by previously authorized Change Orders	\$	25,879.29
The Contract Sum prior to this Change Order was	\$	939,859.29
The Contract Sum will be increased by this Change Order in the amount of	\$	4,409.81
The new Contract Sum including this Change Order will be	\$	944,269.10

The Contract Time will be unchanged by Zero (0) days.

The new date of Substantial Completion will be unchanged

**NOTE:** This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

### NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Martin Gardner Architecture, P.C.  
**ARCHITECT** *(Firm name)*

DocuSigned by:  


**SIGNATURE**

Bethany Jordan, Project Architect  
**PRINTED NAME AND TITLE**  
10/14/2021 | 11:19:00 PDT

**DATE**

Tricon General Construction, Inc.  
**CONTRACTOR** *(Firm name)*

DocuSigned by:  


**SIGNATURE**

Ronald L. Richard, Owner  
**PRINTED NAME AND TITLE**  
10/13/2021 | 04:07:36 PDT

**DATE**

City of Anamosa  
**OWNER** *(Firm name)*

**SIGNATURE**

Rod Smith, Mayor  
**PRINTED NAME AND TITLE**

**DATE**


[www.triconcg.com](http://www.triconcg.com)

746 58th Ave Ct SW  
Cedar Rapids, IA 52404  
P 866.588.9516

Corporate Office  
2245 Kerper Blvd  
Suite 2  
Dubuque, IA 52001  
P 563.588.9516  
F 563.588.9519

October 5, 2021

Bethany Jordan  
Martin Gardner Architecture  
700 11th St, Suite 200  
Marion, IA 52302

Project: Downtown Revitalization Façade Improvement Project  
Re: COR #8

Additional work to 201 E Main – Tucker's Tavern per attached.

Nelson Electric Company	2,379.30
Tricon	1,588.00
OHP (Subcontracted)	118.97
OHP (Self-performed)	238.20
General Liability Insurance	21.45
Bond	63.89
<b>Total</b>	<b>\$ 4,409.81</b>

The above work will add \_\_\_\_\_ days to the completion date.

**Approved By:**

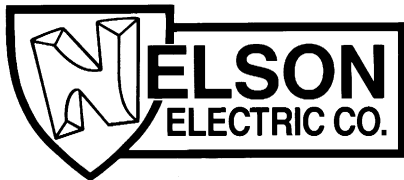
Ron Richard  
Project Manager – Tricon Construction

10/5/21

Date

Architect

Date

**Change Order Request****C.O.R. #** 001**G.C. #****Date:** 9/20/2021**Project Name:** Anamosa Downtown Revitalization Facade Improvements**Project #:** 94214**To:** TRICON**Attn:** Andy Knapp

1230 EAST 12TH STREET

DUBUQUE, IA 52001

**Phone:** (563) 588-9516 **Fax:****From:** Nelson Electric Company

Heath Engelbart

PO Box 967

618 14th Avenue S.W.

Cedar Rapids, IA, IA 52406

**Phone:** (319) 366-6257 **Fax:** (319) 366-6083

We hereby propose to make the following changes:

## 201 East Main Changes

Install 2 additional recessed cans in the ceiling.

Install a new junction box in the ceiling to support the ceiling fan and reinstall existing ceiling fan to new ceiling.

Relocate 4 junction boxes and reroute wiring above the ceiling to accomodate new ceiling.

**Change Order Price****\$2,379.30**

This price is good for 5 days. If conditions change, this price is void.

We are requesting a time extension of 0 days in conjunction with this change.

Heath Engelbart

9/20/2021

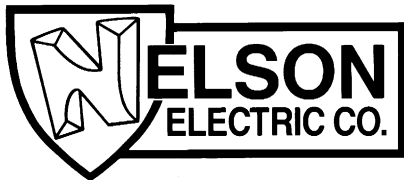
Author

Date Sent

☐ Accepted The above prices and specifications of this Change Order request are satisfactory and are hereby accepted. All work to be performed under same terms and conditions as specified in original contract unless otherwise specified.

Authorized Signature

Date of Acceptance

**Change Order Request**

C.O.R. # 001

G.C. #

Date: 9/20/2021

**Project Name:** Anamosa Downtown Revitalization Facade Improvements**Project #:** 94214**Labor**

<u>Labor Type</u>	<u>Man Hrs</u>	<u>\$/Hr</u>	<u>Total Labor</u>
Journeyman	20.00	\$89.65	\$1,793.00
Sub Total			<u>\$1,793.00</u>
Grand Total			<u>\$1,793.00</u>

**Materials**

<u>Materials</u>	<u>Quantity</u>	<u>Cost</u>	<u>TotalTax</u>	<u>Total Materials</u>
	1.00	\$437.00	\$0.00	\$480.70
Sub Total				<u>\$0.00</u>
Grand Total				<u>\$480.70</u>

**Equipment**

<u>Equipment</u>	<u>Quantity</u>	<u>Cost</u>	<u>TotalTax</u>	<u>Total Equipment</u>
	1.00	\$96.00	\$0.00	\$105.60
Sub Total				<u>0.00</u>
Grand Total				<u>0.00</u>
<b>Total</b>				<b>\$2,379.30</b>
<b>Total</b>				<b>\$2,379.30</b>

**From:** Ron Richard <[RonRichard@triconcg.com](mailto:RonRichard@triconcg.com)>

**Sent:** Monday, October 4, 2021 8:25 AM

**To:** Andy Knapp <[andyknapp@triconcg.com](mailto:andyknapp@triconcg.com)>

**Subject:** Tuckers Tavern

Change ACT ceiling to drywall

- Build bulkhead
- Drywall on sidewalls down to bulkhead level
- Drywall ceiling
- Wood trim on two sides to separate drywall from beadboard and on front wall
- Paint

New work	\$ 2,848
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Deduct ACT	<1,260>
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ADD \$ 1,588.

**Certificate Of Completion**

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Subject: Please DocuSign: Anamosa Facades Change Order #14

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Justin Hoff

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700 11th St., Ste. 200

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Marion, IA 52302

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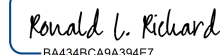
**Signer Events****Signature****Timestamp**

Ronald L. Richard

RonRichard@triconcg.com

Security Level: Email, Account Authentication  
(None)

DocuSigned by:



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Bethany Jordan

bethanyj@martingardnerarch.com

Security Level: Email, Account Authentication  
(None)

DocuSigned by:



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Beth Brincks

beth.brincks@anamosa-ia.org

Security Level: Email, Account Authentication  
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Notary Events	Signature	Timestamp
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Signing Complete	Security Checked	10/14/2021 11:19:00 AM
Completed	Security Checked	10/14/2021 11:19:01 AM

Payment Events	Status	Timestamps
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# AIA<sup>®</sup> Document G701<sup>™</sup> – 2017

## Change Order

<b>PROJECT:</b> <i>(Name and address)</i> Anamosa Downtown Revitalization Facade Improvement Project Downtown Business District (Multiple Addresses) Anamosa, IA 52205	<b>CONTRACT INFORMATION:</b> Contract For: General Construction  Date: March 4, 2021	<b>CHANGE ORDER INFORMATION:</b> Change Order Number: 015  Date: October 19, 2021
<b>OWNER:</b> <i>(Name and address)</i> City of Anamosa 107 South Ford Street Anamosa, IA 52205	<b>ARCHITECT:</b> <i>(Name and address)</i> Martin Gardner Architecture, P.C. 700 11th St., Ste. 200 Marion, IA 52302	<b>CONTRACTOR:</b> <i>(Name and address)</i> Tricon General Construction, Inc. 1230 East 12th Street Dubuque, IA 52001

### THE CONTRACT IS CHANGED AS FOLLOWS:

*(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)*

See attached Tricon COR#10-AITC 4 for building 201 E dated October 18, 2021.

The original Contract Sum was	\$	913,980.00
The net change by previously authorized Change Orders	\$	30,289.10
The Contract Sum prior to this Change Order was	\$	944,269.10
The Contract Sum will be increased by this Change Order in the amount of	\$	330.61
The new Contract Sum including this Change Order will be	\$	944,599.71

The Contract Time will be unchanged by Zero (0) days.

The new date of Substantial Completion will be unchanged.

**NOTE:** This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

### NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Martin Gardner Architecture, P.C.  
**ARCHITECT** *(Firm name)*

DocuSigned by:  


**SIGNATURE**

Bethany Jordan, Project Architect  
**PRINTED NAME AND TITLE**  
10/19/2021 | 07:07:38 PDT

**DATE**

Tricon General Construction, Inc.  
**CONTRACTOR** *(Firm name)*

DocuSigned by:  


**SIGNATURE**

Ronald L. Richard, Owner  
**PRINTED NAME AND TITLE**  
10/19/2021 | 04:48:38 PDT

**DATE**

City of Anamosa  
**OWNER** *(Firm name)*

**SIGNATURE**

Rod Smith, Mayor  
**PRINTED NAME AND TITLE**

**DATE**


[www.triconcg.com](http://www.triconcg.com)

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2245 Kerper Blvd  
Suite 2  
Dubuque, IA 52001  
P 563.588.9516  
F 563.588.9519

October 18, 2021

Bethany Jordan  
Martin Gardner Architecture  
700 11th St, Suite 200  
Marion, IA 52302

Project: Downtown Revitalization Façade Improvement Project  
Re: COR #10 – AITC 4

Additional cost to add quarter round to 201 E Main per attached.

Tricon Labor (3 HRS @ \$75.19)	225.57
Tricon Materials	64.80
OHP	33.84
General Liability Insurance	1.61
Bond	4.79
<b>Total</b>	<b>\$ 330.61</b>

The above work will add \_\_\_\_\_ days to the completion date.

**Approved By:**

Ron Richard  
Project Manager – Tricon Construction

10/18/21

Date

Architect

Date

**Certificate Of Completion**

Envelope Id: 2022D388F439411CB7021DA12ADCDD86

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Justin Hoff

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700 11th St., Ste. 200

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Marion, IA 52302

Time Zone: (UTC-08:00) Pacific Time (US &amp; Canada)

justinh@martingardnerarch.com

IP Address: 173.23.136.135

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justinh@martingardnerarch.com

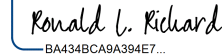
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Ronald L. Richard

RonRichard@triconcg.com

Security Level: Email, Account Authentication  
(None)

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Bethany Jordan

bethanyj@martingardnerarch.com

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Beth Brincks

beth.brincks@anamosa-ia.org

Security Level: Email, Account Authentication  
(None)

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Witness Events	Signature	Timestamp
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Notary Events	Signature	Timestamp
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Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	10/19/2021 4:22:57 AM
Certified Delivered	Security Checked	10/19/2021 7:07:11 AM
Signing Complete	Security Checked	10/19/2021 7:07:38 AM
Completed	Security Checked	10/19/2021 7:07:40 AM

Payment Events	Status	Timestamps
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# AIA<sup>®</sup> Document G701<sup>™</sup> – 2017

## Change Order

<b>PROJECT:</b> <i>(Name and address)</i> Anamosa Downtown Revitalization Facade Improvement Project Downtown Business District (Multiple Addresses) Anamosa, IA 52205	<b>CONTRACT INFORMATION:</b> Contract For: General Construction  Date: March 4, 2021	<b>CHANGE ORDER INFORMATION:</b> Change Order Number: 016  Date: October 19, 2021
<b>OWNER:</b> <i>(Name and address)</i> City of Anamosa 107 South Ford Street Anamosa, IA 52205	<b>ARCHITECT:</b> <i>(Name and address)</i> Martin Gardner Architecture, P.C. 700 11th St., Ste. 200 Marion, IA 52302	<b>CONTRACTOR:</b> <i>(Name and address)</i> Tricon General Construction, Inc. 1230 East 12th Street Dubuque, IA 52001

### THE CONTRACT IS CHANGED AS FOLLOWS:

*(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)*

See attached Tricon COR#9 - AITC 4 for building 205 W dated October 18, 2021.

The original Contract Sum was	\$ 913,980.00
The net change by previously authorized Change Orders	\$ 30,619.71
The Contract Sum prior to this Change Order was	\$ 944,599.71
The Contract Sum will be decreased by this Change Order in the amount of	\$ 559.48
The new Contract Sum including this Change Order will be	\$ 944,040.23
The Contract Time will be unchanged by Zero (0) days.	
The new date of Substantial Completion will be unchanged	

**NOTE:** This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

### NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Martin Gardner Architecture, P.C.  
**ARCHITECT** *(Firm name)*

DocuSigned by:  


**SIGNATURE**

Bethany Jordan, Project Architect  
**PRINTED NAME AND TITLE**  
10/19/2021 | 08:13:51 PDT

**DATE**

Tricon General Construction, Inc.  
**CONTRACTOR** *(Firm name)*

DocuSigned by:  


**SIGNATURE**

Ronald L. Richard, Owner  
**PRINTED NAME AND TITLE**  
10/19/2021 | 08:01:03 PDT

**DATE**

City of Anamosa  
**OWNER** *(Firm name)*

**SIGNATURE**

Rod Smith, Mayor  
**PRINTED NAME AND TITLE**

**DATE**


[www.triconcg.com](http://www.triconcg.com)

746 58th Ave Ct SW  
Cedar Rapids, IA 52404  
P 866.588.9516

Corporate Office  
2245 Kerper Blvd  
Suite 2  
Dubuque, IA 52001  
P 563.588.9516  
F 563.588.9519

October 18, 2021

Bethany Jordan  
Martin Gardner Architecture  
700 11th St, Suite 200  
Marion, IA 52302

Project: Downtown Revitalization Façade Improvement Project  
Re: COR #9 – AITC 4

Deduct to switch the transom to paneling at 205 W Main per attached.

Tricon Labor (4 HRS @ \$75.19)	300.76
Tricon Materials (Transom)	(1,092.21)
Tricon Materials (Paneling)	231.97
<b>Total</b>	<b>(\$ 559.48)</b>

The above work will add \_\_\_\_\_ days to the completion date.

**Approved By:**

Ron Richard  
Project Manager – Tricon Construction

10/18/21

Date

Architect

Date

**Certificate Of Completion**

Envelope Id: 19168B82843F46D5AABD850221C78863

Status: Completed

Subject: Please DocuSign: Anamosa Facades Change Order #16

Source Envelope:

Document Pages: 2

Signatures: 2

Envelope Originator:

Certificate Pages: 2

Initials: 0

Justin Hoff

AutoNav: Enabled

700 11th St., Ste. 200

Enveloped Stamping: Enabled

Marion, IA 52302

Time Zone: (UTC-08:00) Pacific Time (US &amp; Canada)

justinh@martingardnerarch.com

IP Address: 173.23.136.135

**Record Tracking**

Status: Original

Holder: Justin Hoff

Location: DocuSign

10/19/2021 7:41:44 AM

justinh@martingardnerarch.com

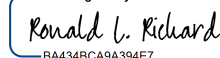
**Signer Events****Signature****Timestamp**

Ronald L. Richard

RonRichard@triconcg.com

Security Level: Email, Account Authentication  
(None)

DocuSigned by:

  
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Sent: 10/19/2021 7:43:48 AM

Viewed: 10/19/2021 7:57:27 AM

Signed: 10/19/2021 8:01:03 AM

Signature Adoption: Pre-selected Style

Using IP Address: 199.10.4.34

**Electronic Record and Signature Disclosure:**

Not Offered via DocuSign

Bethany Jordan

bethanyj@martingardnerarch.com

Security Level: Email, Account Authentication  
(None)

DocuSigned by:

  
477F3EF5B6E4417...

Sent: 10/19/2021 8:01:04 AM

Viewed: 10/19/2021 8:01:45 AM

Signed: 10/19/2021 8:13:51 AM

Signature Adoption: Uploaded Signature Image

Using IP Address: 209.252.169.97

**Electronic Record and Signature Disclosure:**

Not Offered via DocuSign

**In Person Signer Events****Signature****Timestamp****Editor Delivery Events****Status****Timestamp****Agent Delivery Events****Status****Timestamp****Intermediary Delivery Events****Status****Timestamp****Certified Delivery Events****Status****Timestamp****Carbon Copy Events****Status****Timestamp**

Beth Brincks

beth.brincks@anamosa-ia.org

Security Level: Email, Account Authentication  
(None)**COPIED**

Sent: 10/19/2021 8:13:52 AM

**Electronic Record and Signature Disclosure:**

Not Offered via DocuSign

Carbon Copy Events	Status	Timestamp
Derek Lumsden director@jonescountydevelopment.com Security Level: Email, Account Authentication (None)	<b>COPIED</b>	Sent: 10/19/2021 8:13:52 AM
<b>Electronic Record and Signature Disclosure:</b> Not Offered via DocuSign		

Witness Events	Signature	Timestamp
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Notary Events	Signature	Timestamp
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Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	10/19/2021 7:43:48 AM
Certified Delivered	Security Checked	10/19/2021 8:01:45 AM
Signing Complete	Security Checked	10/19/2021 8:13:51 AM
Completed	Security Checked	10/19/2021 8:13:52 AM

Payment Events	Status	Timestamps
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**APPLICATION AND CERTIFICATE FOR PAYMENT**  
**AIA DOCUMENT G702**

PAGE ONE OF FIVE PAGES

**TO OWNER:**

City of Anamosa  
107 South Ford Street  
Anamosa, IA 52205

**PROJECT:**

Downtown Revitalization Facade  
Improvement Project  
Anamosa, IA 52205

**APPLICATION NO:** 4  
**APPLICATION DATE:** 10/11/21  
**PERIOD TO:** 10/11/21  
**PROJECT NO:** 11919.01

Distribution to:

OWNER  
CONSTRUCTION  
MANAGER  
ARCHITECT  
CONTRACTOR  
OTHER  
OTHER

**FROM CONTRACTOR:**

Tricon General Construction  
1230 East 12th Street  
Dubuque, IA 52001

**CONTRACT DATE:** 03/04/21

**CONTRACT FOR:** General Construction

**VIA ARCHITECT:** Martin Gardner Architecture 700 11th Street, Marion, IA 52302

**CONTRACTOR'S APPLICATION FOR PAYMENT**

Application is made for payment, as shown below, in connection with the Contract.  
Continuation Sheet, AIA Document G703, is attached.

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.

1. ORIGINAL CONTRACT SUM	\$913,980.00
2. Net change by Change Orders	\$25,879.29
3. CONTRACT SUM TO DATE (Line 1 +/- 2)	\$939,859.29
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	\$515,878.49
5. RETAINAGE:	
a. 5% of Completed Work (Column D + E on G703)	\$25,793.92
b. 5% of Stored Material (Column F on G703)	\$0.00
<b>TOTAL RETAINAGE</b> (Lines 5a + 5b or Total in Column I of G703)	\$25,793.92
6. TOTAL EARNED LESS RETAINAGE	\$490,084.57
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$383,246.79
8. CURRENT PAYMENT DUE	\$106,837.78
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	\$449,774.72

**CONTRACTOR:** Tricon Construction Group

By: *Andy Motta*

Date: 10-11-2021

State of: Iowa County of: Dubuque  
Subscribed and sworn to before me this 11th day of October 2021  
Notary Public:

**CERTIFICATE FOR PAYMENT**

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Construction Manager and Architect certify to the Owner that to the best of their 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.

**AMOUNT CERTIFIED** \$ 106,837.78

(Attach explanation if amount certified differs from amount applied for. Initial all figures on this Application and on the Continuation Sheet that changed to conform to the amount certified.)

**ARCHITECT**

By: *Bethany Jordan*

Date: 10/18/21

This Certificate is not negotiable. the AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months	\$20,615.10	\$3,962.93
Total approved this Month	\$9,227.12	
<b>TOTALS:</b>	\$29,842.22	\$3,962.93
<b>NET CHANGES by Change Order:</b>	\$25,879.29	

AIA DOCUMENT G702 APPLICATION AND CERTIFICATE FOR PAYMENT CONSTRUCTION MANAGER ADVISER 1992 EDITION AIA

THE AMERICAN INSTITUTE OF ARCHITECTS, 1745 NEW YORK AVE. N.W. WASHINGTON, DC 20006-5292

Users may obtain validation of this document by requesting of the license a completed AIA Document D401- Certification of Document's Authenticity

AIA DOCUMENT G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing

Contractor's signed certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO: 4

APPLICATION DATE: 10/11/2021

PERIOD TO: 10/11/2021

ARCHITECT'S PROJECT NO: 11919.01

A	B	C	D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (Not in D or E)	TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% ( G / C )	BALANCE TO FINISH (C - G)	RETAINAGE (IF VARIABLE RATE)
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
01	103 E Main								
02	General Conditions	\$6,214.00	\$2,955.21	\$210.34		\$3,165.55	50.9%	\$3,048.45	\$158.28
03	Masonry	\$24,413.00	\$24,413.00			\$24,413.00	100.0%	\$0.00	\$1,220.65
04	Demolition	\$4,721.00	\$4,721.00			\$4,721.00	100.0%	\$0.00	\$236.05
05	Rough Carpentry/Drywall	\$2,203.00	\$2,203.00			\$2,203.00	100.0%	\$0.00	\$110.15
06	Finish Carpentry	\$4,723.00	\$1,000.00	\$1,833.80		\$2,833.80	60.0%	\$1,889.20	\$141.69
07	Steel	\$2,524.00	\$2,524.00			\$2,524.00	100.0%	\$0.00	\$126.20
08	Roofing	\$1,120.00	\$1,120.00			\$1,120.00	100.0%	\$0.00	\$56.00
09	Windows - Restore	\$4,478.00	\$0.00			\$0.00	0.0%	\$4,478.00	\$0.00
10	Wood Windows - New	\$20,398.00	\$0.00			\$0.00	0.0%	\$20,398.00	\$0.00
11	Window Labor	\$3,149.00	\$0.00			\$0.00	0.0%	\$3,149.00	\$0.00
12	Storm Windows	\$5,794.00	\$0.00			\$0.00	0.0%	\$5,794.00	\$0.00
13	Painting	\$13,447.00	\$6,700.00			\$6,700.00	49.8%	\$6,747.00	\$335.00
14									
15	201 E Main								
16	General Conditions	\$12,098.00	\$6,330.52	\$2,380.04		\$8,710.56	72.0%	\$3,387.44	\$435.53
17	Masonry	\$101,087.00	\$75,815.25	\$25,271.75		\$101,087.00	100.0%	\$0.00	\$5,054.35
18	Demolition	\$8,855.00	\$8,855.00			\$8,855.00	100.0%	\$0.00	\$442.75
19	Rough Carpentry/Drywall	\$3,960.00	\$3,960.00			\$3,960.00	100.0%	\$0.00	\$198.00
20	Finish Carpentry	\$5,742.00	\$1,500.00	\$2,519.40		\$4,019.40	70.0%	\$1,722.60	\$200.97
21	Metal Railings	\$3,748.00	\$0.00			\$0.00	0.0%	\$3,748.00	\$0.00
22	Sheet Metal	\$2,830.00	\$0.00	\$2,830.00		\$2,830.00	100.0%	\$0.00	\$141.50
23	Roofing	\$8,895.00	\$6,404.40	\$1,601.10		\$8,005.50	90.0%	\$889.50	\$400.28
24	Wood Windows - New	\$7,915.00	\$0.00			\$0.00	0.0%	\$7,915.00	\$0.00
25	Windows Labor	\$1,125.00	\$0.00			\$0.00	0.0%	\$1,125.00	\$0.00
26	Aluminum Systems	\$4,251.00	\$0.00			\$0.00	0.0%	\$4,251.00	\$0.00
27	Acoustical Ceiling	\$900.00	\$0.00			\$0.00	0.0%	\$900.00	\$0.00
28	Painting	\$25,163.00	\$2,000.00			\$2,000.00	7.9%	\$23,163.00	\$100.00
29	Electrical	\$5,170.00	\$1,500.00			\$1,500.00	29.0%	\$3,670.00	\$75.00
30									
31	203 E Main								
32	General Conditions	\$4,000.00	\$629.94	\$130.06		\$760.00	19.0%	\$3,240.00	\$38.00
33	Masonry	\$1,168.00	\$1,168.00			\$1,168.00	100.0%	\$0.00	\$58.40
34									
	Subtotal	\$290,091.00	\$153,799.32	\$36,776.49	\$0.00	\$190,575.81	65.7%	\$99,515.19	\$9,528.79



AIA DOCUMENT G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing

Contractor's signed certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO: 4

APPLICATION DATE: 10/11/2021

PERIOD TO: 10/11/2021

ARCHITECT'S PROJECT NO: I1919.01

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		F MATERIALS PRESENTLY STORED (Not in D or E)	G		H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE)
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD		TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% ( G / C )		
	<b>Subtotal</b>	<b>\$290,091.00</b>	<b>\$153,799.32</b>	<b>\$36,776.49</b>	<b>\$0.00</b>	<b>\$190,575.81</b>	<b>65.7%</b>	<b>\$99,515.19</b>	<b>\$9,528.79</b>
35									
36	Demolition	\$4,921.00	\$4,921.00			\$4,921.00	100.0%	\$0.00	\$246.05
37	Rough Carpentry/Drywall	\$1,916.00	\$1,916.00			\$1,916.00	100.0%	\$0.00	\$95.80
38	Finish Carpentry	\$5,547.00	\$1,000.00	\$2,328.20		\$3,328.20	60.0%	\$2,218.80	\$166.41
39	Wood Windows - New	\$8,147.00	\$0.00			\$0.00	0.0%	\$8,147.00	\$0.00
40	Window Labor	\$1,231.00	\$0.00			\$0.00	0.0%	\$1,231.00	\$0.00
41	Aluminum Systems	\$21,478.00	\$0.00			\$0.00	0.0%	\$21,478.00	\$0.00
42	Acoustical Ceiling	\$200.00	\$0.00			\$0.00	0.0%	\$200.00	\$0.00
43	Painting	\$15,784.00	\$0.00			\$0.00	0.0%	\$15,784.00	\$0.00
44	Electrical	\$1,678.00	\$1,000.00			\$1,000.00	59.6%	\$678.00	\$50.00
45									
46	<b>205 E Main</b>								
47	General Conditions	\$4,000.00	\$268.73	\$573.27		\$842.00	21.1%	\$3,158.00	\$42.10
48	Masonry	\$1,167.00	\$1,167.00			\$1,167.00	100.0%	\$0.00	\$58.35
49	Demolition	\$4,401.00	\$2,000.00	\$2,401.00		\$4,401.00	100.0%	\$0.00	\$220.05
50	Rough Carpentry/Drywall	\$3,762.00	\$0.00	\$3,762.00		\$3,762.00	100.0%	\$0.00	\$188.10
51	Finish Carpentry	\$5,264.00	\$0.00	\$2,105.60		\$2,105.60	40.0%	\$3,158.40	\$105.28
52	Wood Windows - New	\$7,865.00	\$0.00			\$0.00	0.0%	\$7,865.00	\$0.00
53	Window Labor	\$819.00	\$0.00			\$0.00	0.0%	\$819.00	\$0.00
54	Aluminum Systems	\$14,330.00	\$0.00			\$0.00	0.0%	\$14,330.00	\$0.00
55	Acoustical Ceiling	\$200.00	\$0.00			\$0.00	0.0%	\$200.00	\$0.00
56	Painting	\$14,985.00	\$0.00			\$0.00	0.0%	\$14,985.00	\$0.00
57	Electrical	\$1,660.00	\$600.00			\$600.00	36.1%	\$1,060.00	\$30.00
58									
59	<b>205 W Main</b>								
60	General Conditions	\$6,654.00	\$3,762.99	\$402.41		\$4,165.40	62.6%	\$2,488.60	\$208.27
61	Asbestos	\$1,324.00	\$1,324.00			\$1,324.00	100.0%	\$0.00	\$66.20
62	Masonry	\$34,011.00	\$34,011.00			\$34,011.00	100.0%	\$0.00	\$1,700.55
63	Demolition	\$4,066.00	\$2,000.00	\$2,066.00		\$4,066.00	100.0%	\$0.00	\$203.30
64	Rough Carpentry/Drywall	\$3,255.00	\$0.00	\$325.50		\$325.50	10.0%	\$2,929.50	\$16.28
65	Finish Carpentry	\$3,560.00	\$0.00	\$712.00		\$712.00	20.0%	\$2,848.00	\$35.60
66	Steel	\$4,852.00	\$4,852.00			\$4,852.00	100.0%	\$0.00	\$242.60
67	Roofing	\$1,120.00	\$1,120.00			\$1,120.00	100.0%	\$0.00	\$56.00
68	Wood Windows - New	\$11,674.00	\$0.00			\$0.00	0.0%	\$11,674.00	\$0.00
69	Window Labor	\$2,161.00	\$0.00			\$0.00	0.0%	\$2,161.00	\$0.00
70									
	<b>Subtotal</b>	<b>\$482,123.00</b>	<b>\$213,742.04</b>	<b>\$51,452.47</b>	<b>\$0.00</b>	<b>\$265,194.51</b>	<b>55.0%</b>	<b>\$216,928.49</b>	<b>\$13,259.73</b>

AIA DOCUMENT G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing

Contractor's signed certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO: 4

APPLICATION DATE: 10/11/2021

PERIOD TO: 10/11/2021

ARCHITECT'S PROJECT NO: 11919.01

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		F MATERIALS PRESENTLY STORED (Not in D or E)	G		H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE)
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD		TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% ( G / C )		
	<b>Subtotal</b>	<b>\$482,123.00</b>	<b>\$213,742.04</b>	<b>\$51,452.47</b>	<b>\$0.00</b>	<b>\$265,194.51</b>	<b>55.0%</b>	<b>\$216,928.49</b>	<b>\$13,259.73</b>
71									
72	Aluminum Systems	\$4,251.00	\$0.00			\$0.00	0.0%	\$4,251.00	\$0.00
73	Painting	\$11,451.00	\$5,152.95			\$5,152.95	45.0%	\$6,298.05	\$257.65
74									
75	<b>207 E Main</b>								
76	General Conditions	\$4,000.00	\$1,502.14	\$128.89		\$1,631.03	40.8%	\$2,368.97	\$81.55
77	Masonry	\$14,766.00	\$14,766.00			\$14,766.00	100.0%	\$0.00	\$738.30
78	Demolition	\$4,874.00	\$4,874.00			\$4,874.00	100.0%	\$0.00	\$243.70
79	Rough Carpentry/Drywall	\$2,188.00	\$2,188.00			\$2,188.00	100.0%	\$0.00	\$109.40
80	Finish Carpentry	\$4,496.00	\$0.00	\$674.40		\$674.40	15.0%	\$3,821.60	\$33.72
81	Sheetmetal	\$350.00	\$0.00	\$350.00		\$350.00	100.0%	\$0.00	\$17.50
82	Windows Restore	\$6,851.00	\$0.00			\$0.00	0.0%	\$6,851.00	\$0.00
83	Aluminum Systems	\$14,948.00	\$0.00			\$0.00	0.0%	\$14,948.00	\$0.00
84	Storm Windows	\$2,400.00	\$0.00			\$0.00	0.0%	\$2,400.00	\$0.00
85	Painting	\$4,855.00	\$0.00			\$0.00	0.0%	\$4,855.00	\$0.00
86									
87	<b>209 E Main</b>								
88	General Conditions	\$4,000.00	\$976.03	\$244.69		\$1,220.72	30.5%	\$2,779.28	\$61.04
89	Masonry	\$192.00	\$192.00			\$192.00	100.0%	\$0.00	\$9.60
90	Demolition	\$6,122.00	\$6,122.00			\$6,122.00	100.0%	\$0.00	\$306.10
91	Rough Carpentry/Drywall	\$2,144.00	\$2,000.00	\$144.00		\$2,144.00	100.0%	\$0.00	\$107.20
92	Finish Carpentry	\$6,982.00	\$2,500.00	\$1,689.20		\$4,189.20	60.0%	\$2,792.80	\$209.46
93	Sheetmetal	\$775.00	\$0.00	\$775.00		\$775.00	100.0%	\$0.00	\$38.75
94	Aluminum Systems	\$15,477.00	\$0.00			\$0.00	0.0%	\$15,477.00	\$0.00
95	Painting	\$11,487.00	\$0.00			\$0.00	0.0%	\$11,487.00	\$0.00
96									
97	<b>209 W Main</b>								
98	General Conditions	\$4,663.00	\$1,591.11	\$1,120.55		\$2,711.66	58.2%	\$1,951.34	\$135.58
99	Masonry	\$5,480.00	\$5,480.00			\$5,480.00	100.0%	\$0.00	\$274.00
100	Demolition	\$2,276.00	\$500.00	\$865.60		\$1,365.60	60.0%	\$910.40	\$68.28
101	Rough Carpentry/Drywall	\$2,408.00	\$0.00	\$481.60		\$481.60	20.0%	\$1,926.40	\$24.08
102	Finish Carpentry	\$4,105.00	\$0.00	\$1,642.00		\$1,642.00	40.0%	\$2,463.00	\$82.10
103	Sheetmetal	\$1,336.00	\$0.00	\$1,336.00		\$1,336.00	100.0%	\$0.00	\$66.80
104	Roofing	\$12,145.00	\$12,145.00			\$12,145.00	100.0%	\$0.00	\$607.25
105									
106									
	<b>Grand Total</b>	<b>\$637,145.00</b>	<b>\$273,731.27</b>	<b>\$60,904.40</b>	<b>\$0.00</b>	<b>\$334,635.67</b>	<b>52.5%</b>	<b>\$302,509.33</b>	<b>\$16,731.78</b>



AIA DOCUMENT G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing

Contractor's signed certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO: 4

APPLICATION DATE: 10/11/2021

PERIOD TO: 10/11/2021

ARCHITECT'S PROJECT NO: 11919.01

A	B	C	D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (Not in D or E)	TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% ( G / C )	BALANCE TO FINISH (C - G)	RETAINAGE (IF VARIABLE RATE)
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
	Subtotal	\$637,145.00	\$273,731.27	\$60,904.40	\$0.00	\$334,635.67	52.5%	\$302,509.33	\$16,731.78
107									
108	Wood Windows - New	\$4,882.00	\$0.00			\$0.00	0.0%	\$4,882.00	\$0.00
109	Window Labor	\$626.00	\$0.00			\$0.00	0.0%	\$626.00	\$0.00
110	Storm Windows	\$1,100.00	\$0.00			\$0.00	0.0%	\$1,100.00	\$0.00
111	Painting	\$16,554.00	\$0.00	\$8,277.00		\$8,277.00	50.0%	\$8,277.00	\$413.85
112									
113	211 W Main								
114	General Conditions	\$9,882.00	\$6,060.65	\$1,355.52		\$7,416.17	75.0%	\$2,465.83	\$370.81
115	Asbestos	\$1,324.00	\$1,324.00			\$1,324.00	100.0%	\$0.00	\$66.20
116	Masonry	\$91,018.00	\$91,018.00			\$91,018.00	100.0%	\$0.00	\$4,550.90
117	Demolition	\$4,522.00	\$500.00	\$4,022.00		\$4,522.00	100.0%	\$0.00	\$226.10
118	Rough Carpentry/Drywall	\$6,875.00	\$0.00	\$6,187.50		\$6,187.50	90.0%	\$687.50	\$309.38
119	Finish Carpentry	\$4,721.00	\$0.00	\$472.10		\$472.10	10.0%	\$4,248.90	\$23.61
120	Sheetmetal	\$4,009.00	\$0.00	\$4,009.00		\$4,009.00	100.0%	\$0.00	\$200.45
121	Roofing	\$12,145.00	\$12,145.00			\$12,145.00	100.0%	\$0.00	\$607.25
122	Wood Windows - New	\$9,187.00	\$0.00			\$0.00	0.0%	\$9,187.00	\$0.00
123	Window Labor	\$1,436.00	\$0.00			\$0.00	0.0%	\$1,436.00	\$0.00
124	Aluminum Systems	\$19,041.00	\$0.00			\$0.00	0.0%	\$19,041.00	\$0.00
125	Acoustical Ceilings	\$200.00	\$0.00			\$0.00	0.0%	\$200.00	\$0.00
126	Painting	\$14,574.00	\$0.00	\$8,744.40		\$8,744.40	60.0%	\$5,829.60	\$437.22
127	Electrical	\$789.00	\$0.00	\$394.50		\$394.50	50.0%	\$394.50	\$19.73
128	213 E Main								
129	General Conditions	\$3,500.00	\$682.47	\$104.00		\$786.47	22.5%	\$2,713.53	\$39.32
130	Asbestos	\$1,324.00	\$1,324.00			\$1,324.00	100.0%	\$0.00	\$66.20
131	Demolition	\$3,506.00	\$3,506.00			\$3,506.00	100.0%	\$0.00	\$175.30
132	Rough Carpentry/Drywall	\$2,178.00	\$2,000.00			\$2,000.00	91.8%	\$178.00	\$100.00
133	Finish Carpentry	\$1,418.00	\$0.00	\$1,134.40		\$1,134.40	80.0%	\$283.60	\$56.72
134	Wood Windows - New	\$9,058.00	\$0.00			\$0.00	0.0%	\$9,058.00	\$0.00
135	Window Labor	\$1,444.00	\$0.00			\$0.00	0.0%	\$1,444.00	\$0.00
136	Aluminum Systems	\$17,773.00	\$0.00			\$0.00	0.0%	\$17,773.00	\$0.00
137	Painting	\$4,472.00	\$0.00			\$0.00	0.0%	\$4,472.00	\$0.00
138	Electrical	\$297.00	\$0.00	\$103.95		\$103.95	35.0%	\$193.05	\$5.20
139									
140	Alternate #2	\$26,000.00	\$0.00	\$10,400.00		\$10,400.00	40.0%	\$15,600.00	\$520.00
141	Alternate #3	\$1,880.00	\$0.00	\$1,410.00		\$1,410.00	75.0%	\$470.00	\$70.50
142	Alternate #4	\$1,100.00	\$0.00	\$990.00		\$990.00	90.0%	\$110.00	\$49.50
	Subtotal	\$913,980.00	\$392,291.39	\$108,508.77	\$0.00	\$500,800.16	54.8%	\$413,179.84	\$25,040.01

AIA DOCUMENT G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing

Contractor's signed certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO: 4

APPLICATION DATE: 10/11/2021

PERIOD TO: 10/11/2021

ARCHITECT'S PROJECT NO: 11919.01

A	B	C	D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (Not in D or E)	TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% ( G / C )	BALANCE TO FINISH (C - G)	RETAINAGE (IF VARIABLE RATE)
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
	Subtotal	\$913,980.00	\$392,291.39	\$108,508.77	\$0.00	\$500,800.16	54.8%	\$413,179.84	\$25,040.01
143									
144	Change Order #1	\$11,126.28	\$11,126.28			\$11,126.28	100.0%	\$0.00	\$556.31
145	Change Order #2	(\$86.01)	\$0.00			\$0.00	0.0%	(\$86.01)	\$0.00
146	Change Order #3	(\$1,079.96)	\$0.00			\$0.00	0.0%	(\$1,079.96)	\$0.00
147	Change Order #4	\$5,196.70	\$0.00			\$0.00	0.0%	\$5,196.70	\$0.00
148	Change Order #5	\$4,292.12	\$0.00			\$0.00	0.0%	\$4,292.12	\$0.00
149	Change Order #6	(\$96.81)	\$0.00			\$0.00	0.0%	(\$96.81)	\$0.00
150	Change Order #7	(\$1,027.49)	\$0.00			\$0.00	0.0%	(\$1,027.49)	\$0.00
151	Change Order #8	(\$1,091.16)	\$0.00			\$0.00	0.0%	(\$1,091.16)	\$0.00
152	Change Order #9	(\$485.82)	\$0.00			\$0.00	0.0%	(\$485.82)	\$0.00
153	Change Order #10	(\$95.68)	\$0.00			\$0.00	0.0%	(\$95.68)	\$0.00
154	Change Order #11	\$4,914.77	\$0.00	\$3,440.34		\$3,440.34	70.0%	\$1,474.43	\$172.02
155	Change Order #12	\$3,800.64	\$0.00			\$0.00	0.0%	\$3,800.64	\$0.00
156	Change Order #13	\$511.71	\$0.00	\$511.71		\$511.71	100.0%	\$0.00	\$25.59
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	Grand Total	\$939,859.29	\$403,417.67	\$112,460.82	\$0.00	\$515,878.49	54.9%	\$423,980.80	\$25,793.92

## Memorandum

**To:** City of Anamosa

**Date:** October 25, 2021

**From:** Snyder & Associates

**RE:** Engineers' Report

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### CITY PROJECTS

#### WWTP Flow Equalization Basin

Soil borings were completed at the new proposed location to determine its suitability for the basin. We are waiting on the geotechnical report before moving forward with design.

#### 2nd Street Lift Station – Phase 2

No update on this project as we are waiting for review of the proposed contract amendment for the additional work that has been requested.

#### Old Dubuque Road Extension and Roundabout

##### *Project Administration*

Check Plans were resubmitted online for review on October 5<sup>th</sup> following the submittal dates for a February 2022 letting date.

##### *Water Main*

After meeting with City representatives on September 29<sup>th</sup>, we received confirmation on the alignment location and will proceed with the further design of the water main accordingly.

##### *Right-of-Way (ROW) Services*

To comply with the funding requirements for this project, property acquisitions must be completed by the date of the Final Plan submittal, or a condemnation hearing be set prior to the letting. The Final Plan submittal for an Iowa DOT Letting is approximately 3 months in advance of the letting (for February letting, final plans would be due the 3<sup>rd</sup> week in November). With the appraisal and review process taking approximately 8 weeks, we do not anticipate the property acquisitions be completed in time to stay on track with the February 2022 letting.

We also have concerns that none of the impacted property owners were present at the prior Public Information Meeting (PIM). We recommend holding another PIM in November with formal invites sent out to these impacted property owners. If they are unable to attend, we can reach out to discuss in a one-on-one meeting. Dependent upon acquisition negotiations, we anticipate the letting to be pushed a couple of months.

A proposed schedule is shown in the table below to demonstrate a scenario that allows for three months of acquisition negotiations. With a proposed letting in June 2022, we anticipate construction to begin in the summer of 2022 and be completed by the following summer.

**Project Costs:**

An itemized Engineer's Opinion of Probable Cost (EOPC) has been included with our Check Plan submittal on October 5<sup>th</sup>. (*EOPC: approx. \$2,120,000*)

**Proposed Revised Schedule:**

<b>MILESTONE/TASK</b>	<b>SCHEDULE</b>
Public Information Meeting	November 2021
Appraisal Completed	December 2021
Negotiation Phase	January – March 2022
Acquisitions Complete	March 2022
Final Plans	March 2022
Bid Letting	June 2022
Construction Complete	Summer 2023



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To: Beth Brincks, City of Anamosa  
From: HR Green  
Subject: Anamosa Project Status  
Date: October 12, 2021

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### 1. Sycamore Street Rehabilitation

- Final plans submitted. Temporary easement needed for construction
- Property owner didn't agree to temporary easement
- HR Green developed a way to proceed with the project without a temporary easement
- City televised sanitary sewer. Sanitary sewer replacement needed and new manhole.

**Action Items:** Adding sanitary sewer and street repair to the project

### 2. 5-Way Intersection TEAP Study

- Getting underway with DOT for TEAP study of 5-way intersection.

**Action Items:** Project kick-off meeting with City and DOT Monday, October 11, 2021

### 3. Jordan Well No. 6

- Bid Packages 1 and 2 have been Awarded to Gingerich and Boomerang, respectively.
- Conducted a project preconstruction meeting for pkgs 1 and 2. Issued meeting minutes.

**Action Items:** Construction underway.

### 4. Well 7 siting study

- Received signed agreement, underway with siting study now.

**Action Items:** Project started.

### 5. Booth Street Improvement Project

- Received signed agreement, underway with design now.

**Action Items:** Survey will start soon. Iowa One call has been initiated to locate utilities in the area.

### 6. Sludge Management Plan

- Received signed agreement, underway with developing the sludge management plan now.

**Action Items:** Project started.

## 7. City GIS

- New Subdivision by Chamber Dr Data Collection.
  - Inspect and update information on Stormwater Assets and Sanitary Manholes. Still **On Hold for now still ongoing.**
- Cemetery Head Stone Mapping Project
  - Mike talked with Beth about the plot digitizing for the cemetery. Ginger provided plot dimensions based on different lots and HR Green will continue to use those dimensions to draw in the remaining plots.
  - Mike to create new Water Distribution Map for Water Department.

## ORDINANCE NO.

### AN ORDINANCE AMENDING CHAPTER 122 OF THE CODE OF ORDINANCES OF THE CITY OF ANAMOSA, IOWA CONCERNING TRANSIENT MERCHANT PERMITS

**Whereas** the City Council has determined that licensure of transient merchants should be dependent upon good standing with the City in terms of fees and debts owed to the City; and

**Whereas** the City staff should have the latitude to deny licenses to transient merchants who are not in good standing with respect to fees and debts owed to the City.

**THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ANAMOSA, IOWA:**

**Section 1. Purpose.** The purpose of this Ordinance is to amend Chapter 122 to limit licensure to transient merchants in good standing with respect to fees and debts owed to the City.

**Section 2. Amendment. Chapter 122.11 of the** Code of Ordinances of the City of Anamosa, Iowa is amended as follows:

#### 122.11 REVOCATION / DENIAL OF LICENSE

1. Fraudulent Statements. The licensee has made fraudulent statements in the application for the license or in the conduct of the business.
2. Violation of Law. The licensee has violated this chapter or has otherwise conducted business in an unlawful manner.
3. Endangering Public Welfare, Health or Safety. The licensee has conducted the business in such a manner as to endanger the public welfare, safety, order or morals.
4. The owner and/or the business itself has failed to pay lawfully levied fees or failed to pay lawful debts owed to the City. No license shall be reinstated or approved until all fees and lawful debts are paid.

**Section 3. Repealer.** All other sections of this Ordinance in conflict with these provisions shall be repealed.

**Section 4. Severability.** If any section, provisions or part of this Ordinance shall be adjudged invalid or unconstitutional, such adjudication shall have no effect on the validity of the Ordinance as a whole or any section, provision or part thereof not adjudged invalid or unconstitutional.

**Section 5. Effective Date.** This Ordinance shall be in full force and effect from and after its adoption and publication as provided by law.

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**Rod Smith, Mayor**

**Attest:** \_\_\_\_\_  
**Beth Brincks, City Clerk**

**ADOPTED:**

## **ORDINANCE NO.**

### **AN ORDINANCE REPEALING AND REPLACING CHAPTER 160 OF THE CODE OF ORDINANCES OF THE CITY OF ANAMOSA, IOWA CONCERNING FLOOD PLAIN REGULATIONS**

**Whereas** the flood plain ordinance of the City must be updated from time to time to meet the requirements of changing federal regulations;

**Whereas** the flood plain map is from time to time updated by the Department of Natural Resources,

**THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ANAMOSA, IOWA:**

**Section 1. Purpose.** The purpose of this Ordinance is to repeal and replace Chapter 160 as shown below, to match currently prevailing federal regulations.

**Section 2. Amendment.** Chapter 160 of the Code of Ordinances of the City of Anamosa, Iowa is repealed and replaced with the following:

## **CHAPTER 160**

### **FLOOD PLAIN MANAGEMENT**

**160.01 Definitions**

**160.02 Statutory Authority, Findings of Fact and Purpose**

**160.03 General Provisions**

**160.04 Administration**

**160.05 Flood Plain Management Standards**

**160.06 Variance Procedures**

**160.07 Nonconforming Uses**

**160.08 Penalties for Violation**

**160.09 Amendments**

**160.01 DEFINITIONS.** Unless specifically defined below, words or phrases used in this chapter shall be interpreted so as to give them the meaning they have in common usage and to give this chapter its most reasonable application.

1. “Appurtenant structure” means a structure which is on the same parcel of the property as the principal structure to be insured and the use of which is incidental to the use of the principal structure
2. “Base flood” means the flood having one percent chance of being equaled or exceeded in any given year and is also commonly referred to as the “100-year flood.”
3. “Base flood elevation” (BFE) means the elevation floodwaters would reach at a particular site during the occurrence of a base flood event.
4. “Basement” means any enclosed area of a building which has its floor or lowest level below ground level (subgrade) on all sides. Also see “lowest floor.”
5. “Development” means any man-made change to improved or unimproved real estate, including (but not limited to) buildings or other structures, mining, dredging, filling, grading, paving, excavation, drilling operations or storage of equipment or materials. “Development” does not include minor projects or routine maintenance of existing buildings and facilities, as defined in this section. It also does not include gardening, plowing, and similar practices that do not involve filling or grading.
6. “Enclosed area below lowest floor” means the floor of the lowest enclosed area in a building when all the following criteria are met:
  - A. The enclosed area is designed to flood to equalize hydrostatic pressure during flood events with walls or openings that satisfy the provisions of Section 160.05(1)(D)(1) of this chapter.
  - B. The enclosed area is unfinished (not carpeted, drywalled, etc.) and used solely for low damage potential uses such as building access, parking, or storage.
  - C. Machinery and service facilities (e.g., hot water heater, furnace, electrical service) contained in the enclosed area are located at least one foot above the base flood elevation.
  - D. The enclosed area is not a basement as defined in this section.
7. “Existing construction” means any structure for which the start of construction commenced before the effective date of the first floodplain management regulations adopted by the community.
8. “Existing factory-built home park or subdivision” means a factory-built home park or subdivision for which the construction of facilities for servicing the lots on which the factory-built homes are to be affixed (including at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed before the effective date of the first floodplain management regulations adopted by the community.
9. “Expansion of existing factory-built home park or subdivision” means the preparation of additional sites by the construction of facilities for servicing the lots on which the factory-built homes are to be affixed (including at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads).
10. “Factory-built home” means any structure, designed for residential use which is wholly or in substantial part, made, fabricated, formed or assembled in manufacturing facilities for installation or assembly and installation, on a building site. For the purpose of this chapter, factory-built homes include mobile homes, manufactured homes, and modular homes; and also include recreational vehicles which are placed on a site for greater than 180 consecutive days and not fully licensed for and ready for highway use.
11. “Factory-built home park” means a parcel or contiguous parcels of land divided into two or more factory-built home lots for sale or lease.

12. “500-year flood” means a flood, the magnitude of which has a two-tenths percent chance of being equaled or exceeded in any given year or which, on average, will be equaled or exceeded at least once every 500 years.
13. “Flood” means a general and temporary condition of partial or complete inundation of normally dry land areas resulting from the overflow of streams or rivers or from the unusual and rapid runoff of surface waters from any source.
14. “Flood insurance rate map” (FIRM) means the official map prepared as part of (but published separately from) the Flood Insurance Study which delineates both the flood hazard areas and the risk premium zones applicable to the community.
15. “Flood insurance study” (FIS) means a report published by FEMA for a community issued along with the community’s Flood Insurance Rate Maps. The study contains such background data as the base flood discharge and water surface elevations that were used to prepare the FIRM.
16. “Floodplain” means any land area susceptible to being inundated by water as a result of a flood.
17. “Floodplain management” means an overall program of corrective and preventive measures for reducing flood damages and promoting the wise use of floodplains, including (but not limited to) emergency preparedness plans, flood control works, floodproofing and floodplain management regulations.
18. “Floodproofing” means any combination of structural and nonstructural additions, changes, or adjustments to structures, including utility and sanitary facilities, which will reduce or eliminate flood damage to such structures.
19. “Floodway” means the channel of a river or stream and those portions of the floodplains adjoining the channel, which are reasonably required to carry and discharge flood waters or flood flows so that confinement of flood flows to the floodway area will not cumulatively increase the water surface elevation of the base flood by more than one foot.
20. “Floodway fringe” means those portions of the Special Flood Hazard Area outside the floodway.
21. “Highest adjacent grade” means the highest natural elevation of the ground surface prior to construction next to the proposed walls of a structure.
22. “Historic structure” means any structure that is:
  - A. Listed individually in the National Register of Historic Places, maintained by the Department of Interior, or preliminarily determined by the Secretary of the Interior as meeting the requirements for individual listing of the National Register.
  - B. Certified or preliminarily determined by the Secretary of the Interior as contributing to the historical significance of a registered historic district or a district preliminarily determined by the Secretary to qualify as a registered historic district.
  - C. Individually listed on a state inventory of historic places in states with historic preservation programs which have been approved by the Secretary of the Interior.
  - D. Individually listed on a local inventory of historic places in communities with historic preservation programs that have been certified either: (i) by an approved State program as determined by the Secretary of the Interior; or (ii) directly by the Secretary of the Interior in states without approved programs.
23. “Lowest floor” means the floor of the lowest enclosed area in a building including a basement except when the criteria listed in the definition of Enclosed Area Below Lowest Floor are met.
24. “Maximum damage potential development” means hospitals and like institutions; buildings or building complexes containing documents, data, or instruments of great public value; buildings or building

complexes containing materials dangerous to the public or fuel storage facilities; power installations needed in emergency or other buildings or building complexes similar in nature or use.

25. “Minor projects” means small development activities (except for filling, grading, and excavating) valued at less than \$500.00.

26. “New construction” (new buildings, factory-built home parks, accessory structures) means those structures or development for which the start of construction commenced on or after the effective date of the first floodplain management regulations adopted by the community.

27. “New factory-built home park or subdivision” means a factory-built home park or subdivision for which the construction of facilities for servicing the lots on which the factory-built homes are to be affixed (including at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed on or after the effective date of the effective date of the first floodplain management regulations adopted by the community.

28. “Recreational vehicle” means a vehicle which is:

- A. Built on a single chassis.
- B. Four hundred (400) square feet or less when measured at the largest horizontal projection.
- C. Designed to be self-propelled or permanently towable by a light duty truck.
- D. Designed primarily not for use as a permanent dwelling but as a temporary living quarters for recreational, camping, travel, or seasonal use.

29. “Routine maintenance of existing buildings and facilities” means repairs necessary to keep a structure in a safe and habitable condition that do not trigger a building permit, provided they are not associated with a general improvement of the structure or repair of a damaged structure. Such repairs include:

- A. Normal maintenance of structures such as re-roofing, replacing roofing tiles and replacing siding.
- B. Exterior and interior painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
- C. Basement sealing.
- D. Repairing or replacing damaged or broken window panes.
- E. Repairing plumbing systems, electrical systems, heating or air conditioning systems, and repairing wells or septic systems.

30. “Special flood hazard area” (SFHA) means the land within a community subject to the base flood. This land is identified on the community’s Flood Insurance Rate Map as Zone A, A1-30, AE, AH, AO, AR, and/or A99.

31. “Start of construction” includes substantial improvement, and means the date the development permit was issued, provided the actual start of construction, repair, reconstruction, rehabilitation, addition, placement, or other improvement, was within 180 days of the permit date. The actual start means either the first placement or permanent construction of a structure on a site, such as pouring of a slab or footings, the installation of pile, the construction of columns, or any work beyond the stage of excavation; or the placement of a factory-built home on a foundation. Permanent construction does not include land preparation, such as clearing, grading and filling; nor does it include the installation of streets and/or walkways; nor does it include excavation for a basement, footings, piers, or foundations or the erection of temporary forms; nor does it include the installation on the property of accessory buildings such as garages or sheds not occupied as dwelling units or not part of the main structure. For a substantial improvement,

the actual start of construction means the first alteration of any wall, ceiling, floor, or other structural part of the building, whether or not that alteration affects the external dimensions of the building.

32. “Structure” means anything constructed or erected on the ground or attached to the ground, including (but not limited to) buildings, factories, sheds, cabins, factory-built homes, storage tanks, grain storage facilities, and/or other similar uses.

33. “Substantial damage” means damage of any origin sustained by a structure whereby the cost of restoring the structure to its before damage condition would equal or exceed 50 percent of the market value of the structure before the damage occurred. Volunteer labor and donated materials shall be included in the estimated cost of repair. Substantial damage also means flood-related damages sustained by a structure on two separate occasions during a 10-year period for which the cost of repairs at the time of such flood event, on the average, equals or exceeds 25 percent of the market value of the structure before the damage occurred. Volunteer labor and donated materials shall be included in the estimated cost of repair.

34. “Substantial improvement” means any improvement to a structure which satisfies either of the following criteria:

A. Any repair, reconstruction, or improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure either: (i) before the start of construction of the improvement; or (ii) if the structure has been substantially damaged and is being restored, before the damage occurred. The term does not, however, include any project for improvement of a structure to correct existing violations of state or local health, sanitary, or safety code specifications which have been identified by the local code enforcement official and which are the minimum necessary to assure safe living conditions. The term also does not include any alteration of a historic structure, provided the alteration will not preclude the structure’s designation as a historic structure.

B. Any addition which increases the original floor area of a building by 25 percent or more. All additions constructed after the effective date of the first floodplain management regulations adopted by the community shall be added to any proposed addition in determining whether the total increase in original floor space would exceed 25 percent.

35. “Variance” means a grant of relief by a community from the terms of the floodplain management regulations.

36. “Violation” means the failure of a structure or other development to be fully compliant with the community’s floodplain management regulations.

## **160.02 STATUTORY AUTHORITY, FINDINGS OF FACT AND PURPOSE.**

1. The Legislature of the State of Iowa has in Chapter 364, *Code of Iowa*, as amended, delegated the power to cities to exercise any power and perform any function it deems appropriate to protect and preserve the rights, privileges and property of the City or of its residents, and to preserve and improve the peace, safety, health, welfare, comfort and convenience of its residents.

2. Findings of Fact.

A. The flood hazard areas of the City are subject to periodic inundation which can result in loss of life and property, health and safety hazards, disruption of commerce and governmental services, extraordinary public expenditures for flood protection and relief, and impairment of the tax base all of which adversely affect the public health, safety and general welfare of the community.

B. These flood losses, hazards, and related adverse effects are caused by: (i) the occupancy of flood hazard areas by uses vulnerable to flood damages which create hazardous conditions as a result of being inadequately elevated or otherwise protected from flooding; and (ii) the cumulative effect of obstructions on the floodplain causing increases in flood heights and velocities.



C. This chapter relies upon engineering methodology for analyzing flood hazards which is consistent with the standards established by the Department of Natural Resources.

3. Statement of Purpose. It is the purpose of this chapter to protect and preserve the rights, privileges, and property of the City and its residents and to preserve and improve the peace, safety, health, welfare, and comfort and convenience of its residents by minimizing those flood losses described in Paragraph 2(A) of this section with provisions designed to:

A. Reserve sufficient floodplain area for the conveyance of flood flows so that flood heights and velocities will not be increased substantially.

B. Restrict or prohibit uses which are dangerous to health, safety, or property in times of flood or which cause excessive increases in flood heights or velocities.

C. Require that uses vulnerable to floods, including public facilities which serve such uses, be protected against flood damage at the time of initial construction or substantial improvement.

D. Protect individuals from buying lands which may not be suited for intended purposes because of flood hazard.

E. Assure that eligibility is maintained for property owners in the community to purchase flood insurance through the National Flood Insurance Program.

### **160.03 GENERAL PROVISIONS.**

1. Lands to Which Ordinance Apply. The provisions of this Ordinance shall apply to all lands and development which have significant flood hazards. The Flood Insurance Rate Map (FIRM) for Jones County and Incorporated Areas, City of Anamosa, Panels 19105C0125F, 0210F, and 0250F, dated November 19, 2021, which were prepared as part of the Jones County Flood Insurance Study, shall be used to identify such flood hazard areas and all areas shown thereon to be within the boundaries of the base flood shall be considered as having significant flood hazards. The Jones County Flood Insurance Study is hereby adopted by reference and is made a part of this ordinance for the purpose of administering floodplain management regulations.

2. Rules for Interpretation of Flood Hazard Boundaries. The boundaries of the Special Flood Hazard areas shall be determined by scaling distances on the official Flood Insurance Rate Map. Where uncertainty exists with respect to the precise location of the base flood boundary, the location shall be determined on the basis of the base flood elevation at the particular site in question. When an interpretation is needed as to the exact location of a boundary, the Administrator shall make the necessary interpretation. The Zoning Board of Adjustment shall hear and decide appeals when it is alleged that there is an error in any requirement, decision, or determination made by the Administrator in the enforcement or administration of this Ordinance.

3. Compliance. No structure or land shall hereafter be used and no structure shall be located, extended, converted, or structurally altered without full compliance with the terms of this chapter and other applicable regulations which apply to uses within the jurisdiction of this chapter.

4. Abrogation and Greater Restrictions. It is not intended by this chapter to repeal, abrogate, or impair any existing easements, covenants, or deed restrictions. However, where this chapter imposes greater restrictions, the provision of this chapter shall prevail. All other ordinances inconsistent with this chapter are hereby repealed to the extent of the inconsistency only.

5. Interpretation. In their interpretation and application, the provisions of this chapter shall be held to be minimum requirements and shall be liberally construed in favor of the governing body and shall not be deemed a limitation or repeal of any other powers granted by State statutes.

6. Warning and Disclaimer of Liability. The standards required by this chapter are considered reasonable for regulatory purposes. This chapter does not imply that areas outside the designated Floodplain (Overlay) District areas will be free from flooding or flood damages. This chapter shall not

create liability on the part of the City or any officer or employee thereof for any flood damages that result from reliance on this chapter or any administrative decision lawfully made thereunder.

7. Severability. If any section, clause, provision, or portion of this chapter is adjudged unconstitutional or invalid by a court of competent jurisdiction, the remainder of this chapter shall not be affected thereby.

#### **160.04 ADMINISTRATION.**

##### **1. Appointment, Duties and Responsibilities of Local Official**

A. The Zoning Administrator is hereby appointed to implement and administer the provisions of this Ordinance and will herein be referred to as the Administrator.

B. Duties and responsibilities of the Administrator shall include, but not necessarily be limited to the following:

- (1) Review all floodplain development permit applications to assure that the provisions of this chapter will be satisfied.
- (2) Review floodplain development applications to assure that all necessary permits have been obtained from federal, state and local governmental agencies including approval when required from the Department of Natural Resources for floodplain construction.
- (3) Record and maintain a record of (i) the elevation (in relation to North American Vertical Datum 1988) of the lowest floor (including basement) of all new or substantially improved structures or (ii) the elevation to which new or substantially improved structures have been floodproofed.
- (4) Notify adjacent communities/counties and the Department of Natural Resources prior to any proposed alteration or relocation of a watercourse and submit evidence of such notifications to the Federal Emergency Management Agency.
- (5) Keep a record of all permits, appeals and such other transactions and correspondence pertaining to the administration of this chapter.
- (6) Submit to the Federal Insurance Administrator an annual report concerning the community's participation, utilizing the annual report form supplied by the Federal Insurance Administrator.
- (7) Notify the Federal Insurance Administrator of any annexations or modifications to the community's boundaries.
- (8) Review subdivision proposals to ensure such proposals are consistent with the purpose of this ordinance and advise the Zoning Board of Adjustment of potential conflict.
- (9) Maintain the accuracy of the community's Flood Insurance Rate Maps when;
  - a. Development placed within the floodway results in any of the following: (i) an increase in the Base Flood Elevations, or (ii) alteration to the floodway boundary
  - b. Development placed in Zones A, AE, AH, and A1-30 that does not include a designated floodway that will cause a rise of more than one foot in the base elevation; or
  - c. Development relocates or alters the channel.

Within 6 months of the completion of the development, the applicant shall submit to FEMA all scientific and technical data necessary for a Letter of Map Revision.

- (10) Perform site inspections to ensure compliance with the standards of this Ordinance.

- (11) Forward all requests for Variances to the Zoning Board of Adjustment for consideration. Ensure all requests include the information ordinarily submitted with applications as well as any additional information deemed necessary to the Zoning Board of Adjustment.

2. Floodplain Development Permit

- A. Permit Required - A Floodplain Development Permit issued by the Administrator shall be secured prior to any floodplain development (any man-made change to improved and unimproved real estate, including but not limited to buildings or other structures, mining, filling, grading, paving, storage of materials and equipment, excavation or drilling operations), including the placement of factory-built homes.
- B. Application for Permit - Application shall be made on forms furnished by the Administrator and shall include the following:
  - (1) Description of the work to be covered by the permit for which application is to be made.
  - (2) Description of the land on which the proposed work is to be done (i.e., lot, block, track, street address or similar description) that will readily identify and locate the work to be done.
  - (3) Location and dimensions of all structures and additions
  - (4) Indication of the use or occupancy for which the proposed work is intended.
  - (5) Elevation of the base flood.
  - (6) Elevation (in relation to North American Vertical Datum 1988) of the lowest floor (including basement) of structures or of the level to which a structure is to be floodproofed.
  - (7) For structures being improved or rebuilt, the estimated cost of improvements and market value of the structure prior to the improvements.
  - (8) Such other information as the Administrator deems reasonably necessary (e.g., drawings or a site plan) for the purpose of this Ordinance.
- C. Action on Permit Application. The Administrator shall, within a reasonable time, make a determination as to whether the proposed floodplain development meets the applicable standards of this chapter and shall approve or disapprove the application. For disapprovals, the applicant shall be informed, in writing, of the specific reasons therefor. The Administrator shall not issue permits for variances except as directed by the Zoning Board of Adjustment.
- D. Construction and Use to Be as Provided in Application and Plans. Floodplain development permits based on the basis of approved plans and applications authorize only the use, arrangement, and construction set forth in such approved plans and applications and no other use, arrangement, or construction. Any use, arrangement, or construction at variance with that authorized shall be deemed a violation of this chapter. The applicant shall be required to submit certification by a professional engineer or land surveyor, as appropriate, registered in the State of Iowa, that the finished fill, structure floor elevations, floodproofing, or other flood protection measures were accomplished in compliance with the provisions of this chapter, prior to the use or occupancy of any structure.

**160.05 FLOOD PLAIN MANAGEMENT STANDARDS.**

1. General Floodplain Standards. All development must be consistent with the need to minimize flood damage and meet the following applicable performance standards. Where base flood elevations have not been provided in the Flood Insurance Study, the Iowa Department of Natural Resources shall be contacted to determine (i) whether the land involved is either wholly or partly within the floodway or floodway fringe and (ii) the base flood elevation. The applicant will be responsible for providing the

Department of Natural Resources with sufficient technical information to make such determination. Review by the Iowa Department of Natural Resources is not required for the proposed construction of new or replacement bridges or culverts where (i) the bridge or culvert is located on a stream that drains less than two (2) square miles, and (ii) the bridge or culvert is not associated with a channel modification that constitutes a channel change as specified in 567-71.2(2), Iowa Administrative Code.

A. All development shall within the special flood hazard areas shall:

- (1) Be designed and adequately anchored to prevent flotation, collapse, or lateral movement.
- (2) Use construction methods and practices that will minimize flood damage.
- (3) Use construction materials and utility equipment that are resistant to flood damage.

B. Residential Structures. All new or substantially improved residential structures shall have the lowest floor, including basement, elevated a minimum of one foot above the base flood elevation. Construction shall be upon compacted fill which shall, at all points, be no lower than one foot above the base flood elevation and extend at such elevation at least 18 feet beyond the limits of any structure erected thereon. Alternate methods of elevating (such as piers or extended foundations) may be allowed where existing topography, street grades, or other factors preclude elevating by fill. In such cases, the methods used must be adequate to support the structure as well as withstand the various forces and hazards associated with flooding. All new residential structures located in areas that would become isolated due to flooding of surrounding ground shall be provided with a means of access that will be passable by wheeled vehicles during the base flood. However, this criterion shall not apply where the Floodplain Administrator determines there is sufficient flood warning time for the protection of life and property. When estimating flood warning time, consideration shall be given to the criteria listed in 567-75.2(3), Iowa Administrative Code.

C. Nonresidential Structures. All new or substantially improved nonresidential structures shall have the lowest floor (including basement) elevated a minimum of one foot above the base flood elevation, or together with attendant utility and sanitary systems, be floodproofed to such a level. When floodproofing is utilized, a professional engineer registered in the State of Iowa shall certify that the floodproofing methods used are adequate to withstand the flood depths, pressures, velocities, impact and uplift forces and other factors associated with the base flood; and that the structure, below the base flood elevation is watertight with walls substantially impermeable to the passage of water. A record of the certification indicating the specific elevation (in relation to North American Vertical Datum 1988) to which any structures are floodproofed shall be maintained by the Floodplain Administrator.

D. All New and Substantially Improved Structures:

- (1) Fully enclosed areas below the lowest floor (not including basements) that are subject to flooding shall be designed to automatically equalize hydrostatic flood forces on exterior walls by allowing for the entry and exit of floodwaters. Designs for meeting this requirement must either be certified by a registered professional engineer or meet or exceed the following minimum criteria:
  - a. A minimum of two openings having a total net area of not less than one square inch for every square foot of enclosed area subject to flooding shall be provided.
  - b. The bottom of all openings shall be no higher than one foot above grade.
  - c. Openings may be equipped with screens, louvers, valves, or other coverings or devices provided they permit the automatic entry and exit of floodwaters.

Such areas shall be used solely for parking of vehicles, building access and low damage potential storage. Where the distance between the floor and ceiling of the fully enclosed

area below the “lowest floor” is five (5) feet or more, the applicant shall be required to sign and record with the Jones County Recorder a Non-Conversion Agreement that ensures the lower enclosed area remains compliant with the criteria outlined in this subsection.

(2) New and substantially improved structures must be designed (or modified) and adequately anchored to prevent flotation, collapse, or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy.

(3) New and substantially improved structures shall be constructed with electric meter, electrical service panel box, hot water heater, heating, air conditioning, ventilation equipment (including ductwork), and other similar machinery and equipment elevated (or in the case on non-residential structures, optionally floodproofed to) a minimum of one (1) foot above the base flood elevation.

(4) New and substantially improved structures shall be constructed with plumbing, gas lines, water/gas meters and other similar service utilities either elevated (or in the case of non-residential structures, optionally floodproofed to) a minimum of one (1) foot above the base flood elevation or designed to be watertight and withstand inundation to such a level.

E. Factory-Built Homes:

(1) All new and substantially improved factory-built homes, including those placed in existing factory-built home parks or subdivisions, shall be elevated on a permanent foundation such that the lowest floor of the structure is a minimum of one foot above the base flood elevation.

(2) All new and substantially improved factory-built homes, including those placed in existing factory-built home parks or subdivisions, shall be anchored to resist flotation, collapse, or lateral movement. Anchorage systems may include, but are not limited to, use of over-the-top or frame ties to ground anchors as required by the *State Building Code*.

F. Utility and Sanitary Systems:

(1) On-site waste disposal and water supply systems shall be located or designed to avoid impairment to the system or contamination from the system during flooding.

(2) All new and replacement sanitary sewage systems shall be designed to minimize or eliminate infiltration of flood waters into the system as well as the discharge of effluent into flood waters. Wastewater treatment facilities (other than on-site systems) shall be provided with a level of flood protection equal to or greater than one foot above the base flood elevation.

(3) New or replacement water supply systems shall be designed to minimize or eliminate infiltration of flood waters into the system. Water supply treatment facilities (other than on-site systems) shall be provided with a level of protection equal to or greater than one foot above the base flood elevation.

(4) Utilities such as gas or electrical systems shall be located and constructed to minimize or eliminate flood damage to the system and the risk associated with such flood damaged or impaired systems.

G. Storage of Equipment and Materials. Storage of equipment and materials that are flammable, explosive, or injurious to human, animal, or plant life is prohibited unless elevated a minimum of one foot above the base flood elevation. Other material and equipment must either be similarly elevated or: (i) not subject to major flood damage and anchored to prevent movement due to flood waters; or (ii) readily removable from the area within the time available after flood warning.

H. Flood Control Structures. Flood control structural works such as levees, flood walls, etc. shall provide, at a minimum, protection from the base flood with a minimum of three feet of design freeboard and shall provide for adequate interior drainage. In addition, the Department of Natural Resources shall approve structural flood control works.

I. Watercourse Alterations. Watercourse alterations or relocations must be designed to maintain the flood carrying capacity within the altered or relocated portion. In addition, the Department of Natural Resources must approve such alterations or relocations.

J. Subdivision. Subdivisions (including factory-built home parks and subdivisions) shall be consistent with the need to minimize flood damages and shall have adequate drainage provided to reduce exposure to flood damage. Development associated with subdivision proposals (including the installation of public utilities) shall meet the applicable performance standards of this chapter. Subdivision proposals intended for residential use shall provide all lots with a means of access which will be passable by wheeled vehicles during the base flood. Proposals for subdivisions greater than five acres or 50 lots (whichever is less) shall include base flood elevation data for those areas located within the Special Flood Hazard Area.

K. Accessory Structures to Residential Uses.

(1) Detached garages, sheds, and similar structures that are incidental to a residential use are exempt from the base flood elevation requirements where the following criteria are satisfied:

a. The structure shall be designed to have low flood damage potential. Its size shall not exceed 600 sq. ft. in size. Those portions of the structure located less than 1 foot above the base flood elevation must be constructed of flood-resistant materials.

b. The structure shall be used solely for low flood damage potential purposes such as vehicle parking and limited storage. The structure shall not be used for human habitation.

c. The structure shall be constructed and placed on the building site so as to offer minimum resistance to the flow of floodwaters.

d. The structure shall be firmly anchored to prevent flotation, collapse, and lateral movement which may result in damage to other structures.

e. The structure's service facilities such as electrical and heating equipment shall be elevated or floodproofed to at least one foot above the base flood elevation.

f. The structure's walls shall include openings that satisfy the provisions of Paragraph D(1) of this subsection.

(2) Exemption from the base flood elevation requirements for such a structure may result in increased premium rates for flood insurance coverage of the structure and its contents.

L. Recreational Vehicles. Recreational vehicles are exempt from the requirements of Paragraph E of this subsection regarding anchoring and elevation of factory-built homes when the following criteria are satisfied.

(1) The recreational vehicle shall be located on the site for less than 180 consecutive days; and

(2) The recreational vehicle must be fully licensed and ready for highway use. A recreational vehicle is ready for highway use if it is on its wheels or jacking system and is attached to the site only by quick disconnect type utilities and security devices and has no permanently attached additions.

Recreational vehicles that are located on the site for more than 180 consecutive days or are not ready for highway use must satisfy requirements of Paragraph E of this subsection regarding anchoring and elevation of factory-built homes.

M. Pipeline Crossings. Pipeline river and stream crossings shall be buried in the streambed and banks, or otherwise sufficiently protected to prevent rupture due to channel degradation and meandering.

N. Maximum Damage Potential Development. All new or substantially improved maximum damage potential development shall have the lowest floor (including basement) elevated a minimum of one (1) foot above the elevation of the 500-year flood, or together with attendant utility and sanitary systems, be floodproofed to such a level. When floodproofing is utilized, a professional engineer registered in the State of Iowa shall certify that the floodproofing methods used are adequate to withstand the flood depths, pressures, velocities, impact and uplift forces and other factors associated with the 0.2% annual chance flood; and that the structure, below the 0.2% annual chance flood elevation is watertight with walls substantially impermeable to the passage of water. A record of the certification indicating the specific elevation (in relation to North American Vertical Datum 1988) to which any structures are floodproofed shall be maintained by the Administrator. Where 0.2% chance flood elevation data has not been provided in the Flood Insurance Study, the Iowa Department of Natural Resources shall be contacted to compute such data. The applicant will be responsible for providing the Department of Natural Resources with sufficient technical information to make such determinations.

#### **160.06 VARIANCE PROCEDURES.**

1. The Zoning Board of Adjustment may authorize upon request in specific cases such variances from the terms of this Ordinance that will not be contrary to the public interest where, owing to special conditions, a literal enforcement of the provisions of this Ordinance will result in unnecessary hardship. Variances granted must meet the following applicable standards.
  - A. Variances shall only be granted upon: (i) a showing of good and sufficient cause, (ii) a determination that failure to grant the variance would result in exceptional hardship to the applicant, and (iii) a determination that the granting of the variance will not result in increased flood heights, additional threats to public safety, extraordinary public expense, create nuisances, cause fraud on or victimization of the public or conflict with existing local codes or ordinances.
  - B. Variances shall not be issued within any designated floodway if any increase in flood levels during the base flood would result. Consideration of the effects of any development on flood levels shall be based upon the assumption that an equal degree of development would be allowed for similarly situated lands.
  - C. Variances shall only be granted upon a determination that the variance is the minimum necessary, considering the flood hazard, to afford relief.
  - D. In cases where the variance involves a lower level of flood protection for structures than what is ordinarily required by this Ordinance, the applicant shall be notified in writing over the signature of the Administrator that: (i) the issuance of a variance will result in increased premium rates for flood insurance up to amounts as high as \$25 for \$100 of insurance coverage and (ii) such construction increases risks to life and property.
  - E. All variances granted shall have the concurrence or approval of the Department of Natural Resources.
2. Factors Upon Which the Decision of the Zoning Board of Adjustment Shall be Based - In passing upon applications for Variances, the Zoning Board of Adjustment shall consider all relevant factors specified in other sections of this Ordinance and:

- A. The danger to life and property due to increased flood heights or velocities caused by encroachments.
  - B. The danger that materials may be swept on to other land or downstream to the injury of others.
  - C. The proposed water supply and sanitation systems and the ability of these systems to prevent disease, contamination and unsanitary conditions.
  - D. The susceptibility of the proposed facility and its contents to flood damage and the effect of such damage on the individual owner.
  - E. The importance of the services provided by the proposed facility to the City.
  - F. The requirements of the facility for a floodplain location.
  - G. The availability of alternative locations not subject to flooding for the proposed use.
  - H. The compatibility of the proposed use with existing development and development anticipated in the foreseeable future.
  - I. The relationship of the proposed use to the comprehensive plan and floodplain management program for the area.
  - J. The safety of access to the property in times of flood for ordinary and emergency vehicles.
  - K. The expected heights, velocity, duration, rate of rise and sediment transport of the flood water expected at the site.
  - L. The cost of providing governmental services during and after flood conditions, including maintenance and repair of public utilities (sewer, gas, electrical and water systems), facilities, streets and bridges.
  - M. Such other factors which are relevant to the purpose of this Ordinance.
3. Conditions Attached to Variances - Upon consideration of the factors listed above, the Zoning Board of Adjustment may attach such conditions to the granting of variances as it deems necessary to further the purpose of this Ordinance. Such conditions may include, but not necessarily be limited to:
- A. Modification of waste disposal and water supply facilities.
  - B. Limitation of periods of use and operation.



- C. Imposition of operational controls, sureties, and deed restrictions.
- D. Requirements for construction of channel modifications, dikes, levees, and other protective measures, provided such are approved by the Department of Natural Resources and are deemed the only practical alternative to achieving the purpose of this Ordinance.
- E. Floodproofing measures shall be designed consistent with the flood protection elevation for the particular area, flood velocities, duration, rate of rise, hydrostatic and hydrodynamic forces, and other factors associated with the regulatory flood. The Zoning Board of Adjustment shall require that the applicant submit a plan or document certified by a registered professional engineer that the floodproofing measures are consistent with the regulatory flood protection elevation and associated flood factors for the particular area.

#### **160.07 NONCONFORMING USES.**

1. A structure or the use of a structure or premises which was lawful before the passage or amendment of the ordinance codified in this chapter, but which is not in conformity with the provisions of this chapter, may be continued subject to the following conditions:
  - A. If such use is discontinued for six consecutive months, any future use of the building premises shall conform to this chapter.
  - B. Uses or adjuncts thereof that are or become nuisances shall not be entitled to continue as nonconforming uses.
2. If any nonconforming use or structure is destroyed by any means, including flood, it shall not be reconstructed if the cost is more than 50 percent of the market value of the structure before the damage occurred, unless it is reconstructed in conformity with the provisions of this chapter. This limitation does not include the cost of any alteration to comply with existing state or local health, sanitary, building or safety codes or regulations or the cost of any alteration of a structure listed on the National Register of Historic Places, provided that the alteration shall not preclude its continued designation

Except as provided in Subsection 1(B) of this section, any use which has been permitted as a variance shall be considered a conforming use.

**160.08 PENALTIES FOR VIOLATION.** Violations of the provisions of this chapter or failure to comply with any of the requirements shall constitute a simple misdemeanor. Any person who violates this chapter or fails to comply with any of its requirements shall upon conviction thereof be fined not more than \$65.00 not more than \$650.00 or imprisoned for not more than 30 days. Nothing herein contained prevent the City from taking such other lawful action as is necessary to prevent or remedy violation, but not limited to, the filing of Municipal infractions.

**160.09 AMENDMENTS.** The regulations and standards set forth in this chapter may from time to time be amended, supplemented, changed, or repealed. No amendment, supplement, change, or modification shall be undertaken without prior approval of the Department of Natural Resources.

**Section 3. Repealer.** All other sections of this Ordinance in conflict with these provisions shall be repealed.

**Section 4. Severability.** If any section, provisions or part of this Ordinance shall be adjudged invalid or unconstitutional, such adjudication shall have no effect on the validity of the Ordinance as a whole or any section, provision or part thereof not adjudged invalid or unconstitutional.

**Section 5. Effective Date.** This Ordinance shall be in full force and effect from and after its adoption and publication as provided by law.

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**Rod Smith, Mayor**

**Attest:** \_\_\_\_\_  
**Beth Brincks, City Clerk**

**ADOPTED:**





1701 Route 35 North  
East Dubuque, IL 61025  
Phone: 815.747.8833  
Fax: 815.747.6043  
Email: eastdub@whks.com  
Website: www.whks.com



October 15, 2021

Steve Agnitsch  
Wastewater Superintendent  
City of Anamosa  
107 South Ford Street  
Anamosa, Iowa 52205

RE: City of Anamosa, Iowa  
Anamosa Wastewater Treatment Facility (WWTF)  
**Proposal for Engineering Services – Wastewater Improvements (Revised)**

Dear Steve:

This letter serves as a revised proposal for engineering services associated with the Anamosa WWTF. The City requested that we incorporate additional scope items to our original proposal dated August 3, 2021. Based on this request and our subsequent discussions with City personnel, below is our revised proposal. It should be noted that no material from the original proposal was deleted, rather we have added the additional scope items for the biosolids handling walkway and the storm water pumping station. These items have been added on page 3 of the letter and we have revised our proposed fees accordingly.

WHKS personnel (Kevin Graves and Glenn Gustafson) visited the Anamosa WWTF on July 23<sup>rd</sup>, 2021 to tour the facility and discuss potential engineering needs associated with the City's wastewater system. Based on our observations and discussions with City Staff, following is a summary of the needs identified during the visit:

1. Analysis of the existing biological phosphorus treatment process and it's ability to consistently meet the probable future effluent phosphorus limit of 1.0 mg/L
2. Evaluation of the potential to convert existing abandoned concrete tankage into a sludge thickening process to increase the effectiveness of the WWTF's solids handling
3. Replacement of existing dewatering equipment (gravity belt press) that is nearing the end of its useful life and experiencing increased maintenance costs
4. Evaluation of existing dewatering building to determine additional recommended building improvements (electrical, HVAC, etc.) during replacement of dewatering equipment
5. Assistance with Capital Improvement Planning (CIP) to identify and prioritize needs of the wastewater system (both treatment and collection) over a 10-year period

WHKS holds several values at the core of our company, including ***listen***, ***be practical***, and ***be innovative***. We plan to incorporate all of these values into the engineering services that will be provided to the City of Anamosa. We *listened* during our recent visit and identified several of the City's needs listed above. We are already working on a plan that will provide *practical*, *innovative* solutions to those needs and help create long-term success for the Anamosa WWTF.

We feel that WHKS is uniquely qualified to assist the City's wastewater department. Our wastewater team has seven (7) licensed professional engineers as well as numerous additional technicians and support staff. Our team includes experts within the fields of solids handling, biological nutrient removal, collection systems, lift stations, and inflow/infiltration (I/I) analysis and reduction. We are ready for the challenge!

Based on our visit, we have identified the following items that we believe are key issues for the long-term success of the Anamosa WWTF:

Key Issue	Solution	Benefit
<b>1. Solids and Bio-P Optimization</b>	<ul style="list-style-type: none"> <li>✓ The existing treatment process currently is not meeting future limits for phosphorus - evaluate to optimize phosphorus removal to 1.0 mg/l.</li> <li>✓ Determine if chemical phosphorus removal will be needed in the future, as this factor is critical to ultimate sizing of the dewatering process. (chemical removal = increased solids)</li> </ul>	<ul style="list-style-type: none"> <li>✓ Meet the goals of the State of Iowa's Nutrient Reduction Strategy and the facility's operating permit.</li> <li>✓ Minimize risk of installing an undersized dewatering process for future solids production.</li> </ul>
<b>2. Sludge Thickening</b>	<ul style="list-style-type: none"> <li>✓ Evaluate potential for sludge thickening to enhance dewatering process.</li> <li>✓ Use existing tankage to achieve gravity thickening without significant additional structural costs.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Repurposed existing structure(s) would reduce 'wasted space' at a facility with a tight footprint.</li> <li>✓ Lower polymer usage for dewatering process.</li> <li>✓ Enhanced dewatering would reduce biosolids volume for disposal and save \$\$\$.</li> </ul>
<b>3. Selection of replacement dewatering equipment</b>	<ul style="list-style-type: none"> <li>✓ Conduct capital and O&amp;M cost comparisons of dewatering equipment (i.e. belt filter press vs. screw press).</li> <li>✓ Determine most efficient and cost effective equipment based on future solids loading and utilizing existing dewatering building.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Effective use of City's \$\$\$</li> <li>✓ Utilize dewatering building well into the future.</li> <li>✓ Easier operation and less-intensive maintenance requirements for equipment.</li> </ul>
<b>4. Dewatering Building Electrical and HVAC upgrades</b>	<ul style="list-style-type: none"> <li>✓ Evaluate aging electrical and HVAC equipment for replacement</li> <li>✓ Evaluate automation options to reduce staff hours needed to run equipment.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Improved operator safety.</li> <li>✓ Increased building energy efficiency.</li> <li>✓ Automation will help consistency and reduce cost on hours of manual operation.</li> </ul>

<b>5. Wastewater infrastructure CIP development (Not included in this project scope)</b>	<ul style="list-style-type: none"> <li>✓ Collaborate with City personnel to identify existing system deficiencies</li> <li>✓ Prioritize identified deficiencies using a risk matrix analysis for CIP planning.</li> <li>✓ Develop 10-year CIP for wastewater treatment and collection</li> </ul>	<ul style="list-style-type: none"> <li>✓ More effective budget planning</li> <li>✓ Increased potential to participate in 'opportunity projects' with other departments</li> </ul>
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In addition, a second visit was made by WHKS (Dan Hingtgen) on September 23<sup>rd</sup>, 2021 to investigate other needs identified by the City. These needs included walkway and railing upgrades for a biosolids handling structure at the WWTF and potential upgrades to a stormwater lift station located adjacent to the WWTF. Based on this follow-up visit, the following additional key issues were identified:

Key Issue	Solution	Benefit
<b>6. Biosolids Handling Walkway / Railing Upgrades</b>	<ul style="list-style-type: none"> <li>✓ Provide a platform and walkway system (connected to existing stairway landing) for 'The Pit' to allow access to all pumps/mixers used for biosolids handling process.</li> <li>✓ Evaluate locations of pumps/mixers within 'The Pit' and reconfigure to allow all maintenance to be performed from new platform and walkway system.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Improved operator safety.</li> <li>✓ Easier operation and less-intensive maintenance requirements for equipment.</li> </ul>
<b>7. Stormwater Pumping Station Upgrades</b>	<ul style="list-style-type: none"> <li>✓ Determine specific drainage area for pumping station and size new pumps to handle flows during significant flood/rain events</li> <li>✓ Evaluate potential for pumping station reconfiguration to allow for gravity flow from structure during non-flooding conditions of the Wapsipicon River</li> <li>✓ Evaluate pump styles to provide most cost-effective method for pumping during significant flood/rain events, including possible PTO driven pumps</li> </ul>	<ul style="list-style-type: none"> <li>✓ Minimize flooding events adjacent to the WWTF.</li> <li>✓ Easier operation and less-intensive maintenance requirements for City personnel.</li> <li>✓ Limit need for 'babysitting' the pumping station by City personnel during non-flooding conditions.</li> </ul>

We feel that the first step to a successful long-term solution is to start with a design development phase prior to defining the full scope of the project(s). An initial design development phase will help to streamline the project and set the City up for a more well-defined scope that meets your needs.

With respect to the WWTF improvements, this design development phase would help identify the most cost-effective thickening and dewatering improvements for the facility. This phase would also identify the future solids loading that these solids handling improvements should be able to handle, including the potential need for chemical phosphorus removal. Lastly, building

improvements (electrical, controls, HVAC) for the dewatering building and 'The Pit' would also be considered.

With respect to the stormwater pumping station improvements, this design development phase would help identify the most cost-effective structure/pump/piping upgrades for the station. This phase would also identify alternatives for minimizing operation and maintenance needs for the station, specifically during non-flooding events.

The following list defines the anticipated sequence of the project's overall design and construction phases:

- Design Development Phase – **The focus of this proposal and will define the path and scope for final design.**
- Final Design Phase – Path and scope defined in design development phase, project plans and specifications developed for obtaining bids from contractors
- Bidding Phase – assist the City in soliciting sealed bids from contractors to perform the improvements
- Construction Phase – provide construction administration and observation services to confirm adherence to the project plans and specifications

Based on the WWTF scope items listed above in the Key Issues Matrix (**Items 1-4 and 6**), engineering fees associated with this initial design development phase would be set at a **Lump Sum Fee of \$10,500**. Based on the stormwater pumping station scope items listed above in the Key Issues Matrix (**Item 7**), engineering fees associated with this initial design development phase would be set at a **Lump Sum Fee of \$6,500**. **Total Lump Sum engineering fees for Items 1-4 and 6-7 would be \$17,000**. Costs associated with CIP development (**Item 5**) would be performed at an additional hourly rate, if requested.

In conclusion, we feel strongly that choosing to perform design development is crucial to achieving an end result that meets the long-term needs of the City and set the Anamosa WWTF on course for a bright future. We look forward to working with the City on this important project and appreciate the opportunity to be of service.

Sincerely,

**WHKS** & co.

Kevin J. Graves. P.E.  
Associate

cc: Beth Brinks, City Administrator  
Dan Hingtgen, WHKS (file copy)





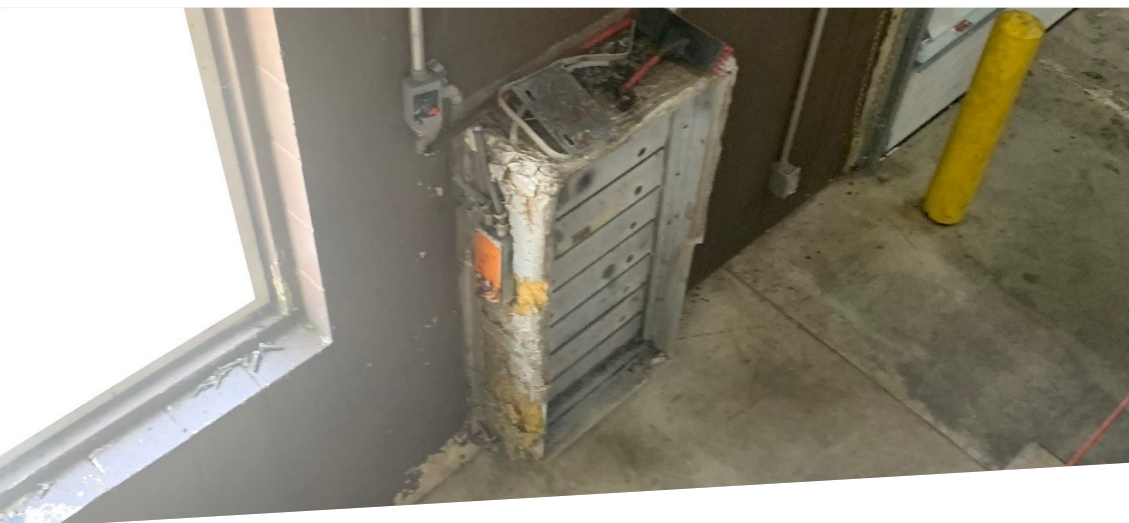
Building Communities.  
Improving Lives.

# Biosolids Dewatering Improvements

PROPOSAL FOR

City of Anamosa, Iowa

OCTOBER 12, 2021



**Andrew Marsh, PE**

8710 Earhart Lane SW  
Cedar Rapids, IA 52404

Direct 319.841.4393

[amarsh@hrgreen.com](mailto:amarsh@hrgreen.com)



▷8710 Earhart Lane SW | Cedar Rapids, IA 52404  
Main 319.841.4000

October 12, 2021

Mr. Steve Agnitsch  
Wastewater Superintendent

Ms. Beth Brincks  
City Administrator

City of Anamosa  
107 S. Ford St.  
Anamosa, IA 52205

**Re: Biosolids Dewatering Improvements**

Dear Mr. Agnitsch and Ms. Brincks,

Thank you for the opportunity to revise our proposal. We have updated our Understanding and Approach and Scope of Services with the following items (as highlighted in orange in their respective sections):

**Fall Protection:** Platforms to access the pumps in the filtrate pumping building are not equipped with proper fall protection. Modifications to the platforms and walkways are needed to provide safe access for the operations and maintenance staff. In addition, electrical and ventilation safety codes will be reviewed for compliance as well. The building doors may require modification for code compliance as well.

**Stormwater Drainage and Pump Station:** Drainage and stormwater handling for the site need to be analyzed. The existing stormwater facilities require pumping from the detention basin for discharge to the Wapsipinicon River, and the gate to prevent river backflow into the site has been removed and is damaged. We understand the goal is for gravity flow out of the watershed during low river levels and during high river levels the interior drainage will be pumped. We have also included modeling to size the detention area and outfall structure improvements to operate as desired.

When reviewing our fee, please keep in mind that we have added these as additional services. We understand that some consultants may not have included this and we want to make sure you are comparing apples to apples.

We have included additional examples of similar projects with stormwater pump station designs in Coralville, Iowa City and Des Moines as well as a stormwater pump station experience matrix to provide you with additional information on where we have helped clients with the exact issues you are having and provided the right-size solutions.

After reviewing our qualifications, we believe you will find that the HR Green Team has the depth of knowledge, technical resources, and relevant project experience to successfully implement the improvements that the City is seeking.

Please contact Andrew Marsh at 319.841.4393 if you have any comments or questions.

Sincerely,

**HR GREEN, INC.**

  
**Andrew Marsh, PE**  
Principal In Charge

  
**Jerry Phipps, PE**  
Project Manager



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## Firm Description

HR Green is honored to be one of the nation's longest operating engineering firms. Established in 1913 in Cedar Rapids, HR Green, Inc. is an employee-owned corporation. With roots in the Iowa community, we are committed to helping our local clients find solutions that best fit their needs. Though we are based in Iowa, our local staff collaborates with our offices across geographies and markets to provide the engineering, technical, and management solutions that connect and shape communities.

For more than a century, HR Green has been dedicated to providing the services that our clients need to achieve success.



### LOCAL OFFICE

HR Green's Cedar Rapids office is located just 30 miles from Anamosa, offering quick and efficient service for this project. With our corporate headquarters right next door, the City will save time and money by not spending extra resources for other engineering firms to travel to Anamosa.



**500+ Employees Strong**

**100+ WATER PROFESSIONALS**

**20+ IN-HOUSE STRUCTURAL, ELECTRICAL & MECHANICAL**

**ENR**  
**TOP500**  
**Design Firms**

► HR Green has continued to rank on Engineering News Record's (ENR) annual lists of top design and construction firms in the nation, currently coming in at 188.



HRGreen.

## Comprehensive Services



WATER

From feasibility studies through construction phase services, we help clients achieve reliable, cost-effective, and innovative solutions for potable and process water, wastewater, and water resources management.



TRANSPORTATION

Whether your infrastructure needs include design, construction, funding identification, innovative geometry, environmentally sensitive areas, sustainable and attractive structures, or difficult traffic challenges, we can provide the solutions you need.



GOVERNMENTAL SERVICES

Our professionals combine creativity with reliability to provide staff augmentation and consulting services to local governments. We provide engineering, public works, planning, and building departments with staff to meet the variable workloads.



LAND DEVELOPMENT

We unify engineering, surveying, construction, land planning, and landscape architecture consultants into a single, integrated team that excels at project efficiency, effective project management and outstanding communication.



ENVIRONMENTAL

Whether your environmental needs include the remediation of brownfields sites to allow for community redevelopment, environmental compliance for infrastructure and facilities, or NEPA services for transportation infrastructure, HR Green can provide environmental solutions.



CONSTRUCTION

Our construction professionals are experienced with projects for municipal, county, and state clients that include bridges, roads and highways; storm and sanitary sewers; water distribution systems; water treatment facilities; wells, and storage facilities; pumps and lift stations; and wastewater facilities.

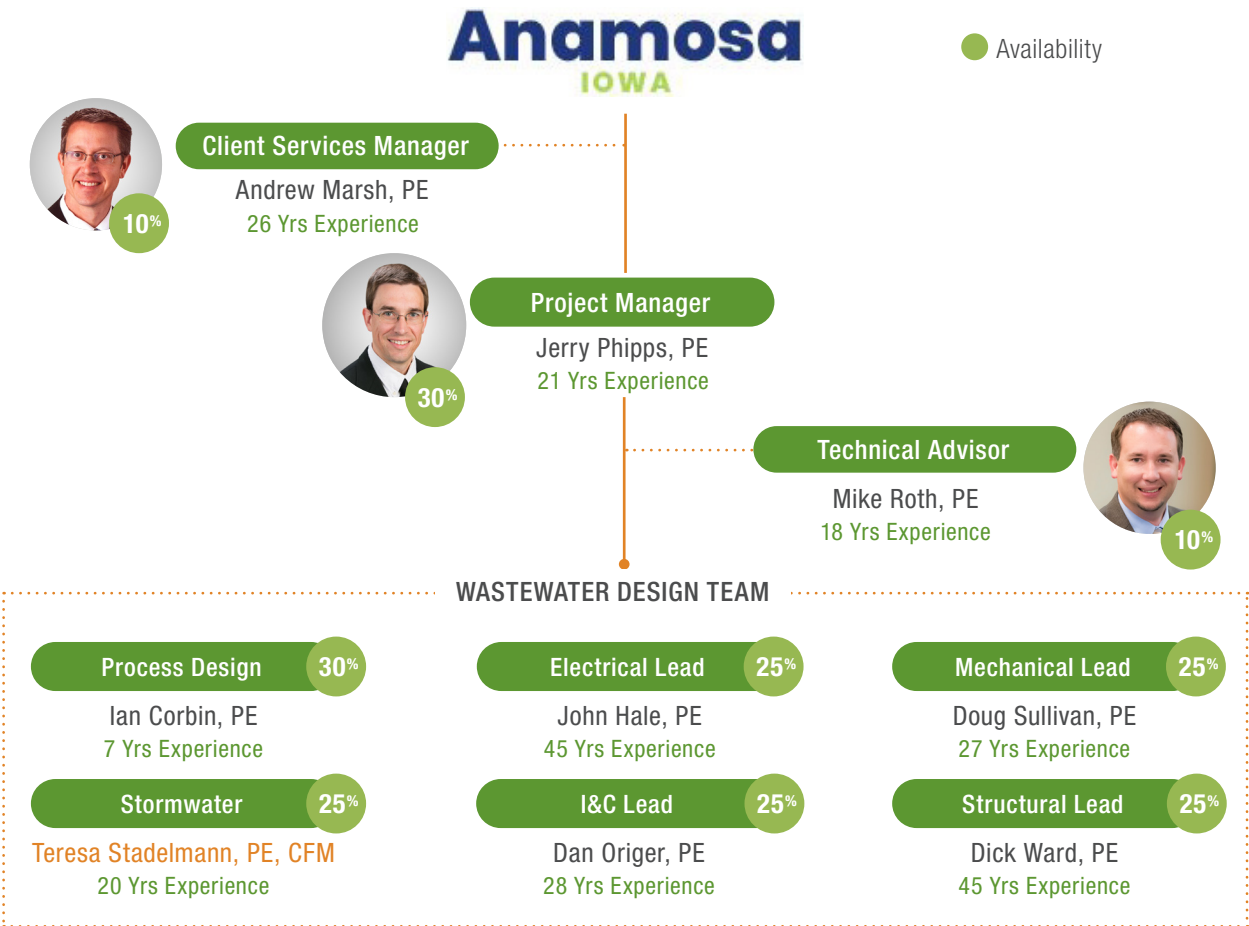
# Key Personnel & Availability (UPDATED)

The HR Green team understands your request and how critical it is that engineering and technical staff with applicable capabilities and experience be dedicated to this project from beginning to end. Our Team is committed to providing the qualified project personnel proposed in the organizational chart, as they were specifically selected for their experience and availability. As such, these staff members will be devoted to your assigned project, be with you through its entirety, and are the same key staff members that have completed similar projects discussed in this proposal.

Our team has a full complement of support staff in engineering and technical disciplines that will be required for the timely execution of this project. The depth of resources of our full-service, multi-disciplined team allow us to provide all necessary services. In addition to the staff presented in this section, we have back-up resources in each of the project roles, if needed.

HR Green's strength as a mid-sized engineering firm lies in the experience, bench strength, and technical solutions of a National Firm, while maintaining our roots to stay focused and responsive to the needs of our Clients.

Please find the proposed project team organizational chart and resumes of our key project staff below.







## Andrew Marsh, PE

### *Client Services Manager / Principal In Charge*

Andrew has extensive experience in water and wastewater treatment, water distribution systems, sanitary and storm sewer collection system design and construction management. His communication skills, and his ability to meet schedule and budget requirements have earned him the respect of numerous clients in the public and private sectors. His satisfied clients include municipalities, water and sanitary districts, and major industries, and he currently serves as the dedicated City Engineer for two Iowa communities.

#### EXPERIENCE

26 Years

#### EDUCATION

MS, Environmental Engineering, University of Illinois at Urbana-Champaign

BS, Civil Engineering, University of Iowa

#### REGISTRATION / LICENSE

Professional Engineer - Civil, IA, 16804

Professional Engineer, IL, 062-058233

Professional Engineer, MN, 47925

Professional Engineer, GA, PE038663

Professional Engineer - Civil, NE, E-13130

Professional Engineer - Civil, AZ, 32328

#### SELECTED WATER PROJECT EXPERIENCE

##### Water Storage Experience

- **Anamosa, IA** - Iron removal pressure filters, HMO for radium removal and chlorine disinfection Water Treatment Plant.

##### Wastewater Treatment Experience

- **Anamosa, IA** – Anaerobic digestion and biogas recovery improvements.
- **National Beef** – Permitting and design and currently in construction of a \$55M biological nutrient removal wastewater treatment plant in Liberal, KS. The project also includes filtration for reuse and irrigation of the treated effluent.
- **Cargill** – Andrew is Client Service Manager for Cargill across North America across all the Cargill businesses. HR Green is a Select Service Provider for Cargill in North America. HR Green has done wastewater treatment permitting and improvement projects at several locations.
- **Amana, IA** – Anaerobic digester and biogas recovery improvements and renewable energy tax credit evaluation.
- **Bay Valley Foods** – Assist with SWPPP renewal and training and DAF replacement planning.
- **Davenport, IA** - Final clarifier improvements.
- **John Morrell, Sioux Falls, SD** – Dissolved Air Flotation (DAF) replacement and wastewater pretreatment expansion project.
- **Kerry Ingredients, Savannah, GA** – Evaluate and troubleshoot a DAF-MBBR-DAF wastewater treatment process. Recommended cooling, screening and additional equalization for more reliable treatment.
- **Quaker, Cedar Rapids, IA** – flood protection, storm and sanitary sewer cleaning, mapping and repair.
- **Roquette, Keokuk, IA** – \$25M industrial direct discharge wastewater treatment plant including neutralization, cooling, carousel style aeration and clarification. Other miscellaneous projects including influent pipe replacement design, structural engineering assistance, etc.
- **Sabic, Ottawa, IL** – process wastewater treatment plant evaluation, waste stream characterization, BioWin modeling, capital improvement planning, basin lining and flood protection.
- **Vermeer, Pella, IA** – new piping, equalization and plant evaluation.
- **Wilton, IA** – Aeromod process to meet more stringent nutrient limits, UV addition for E Coli permit limits and new control building and SCADA system.



## Jerry Phipps, PE

### *Project Manager*

Jerry has a wide range of water and wastewater experience including projects for municipal and industrial clients. He gained valuable experience working for three years as a licensed operator and technician at a water treatment plant while obtaining his Bachelor's degree. Jerry acquired six years additional experience working for a large water/wastewater equipment manufacturer. These diverse perspectives enable Jerry to approach the design of water and wastewater projects with an eye to cost, constructability and operational concerns.

#### EXPERIENCE

21 Years

#### EDUCATION

MS, Environmental Engineering, University of Iowa

BS, Chemical Engineering, University of Iowa

#### REGISTRATION / LICENSE

Professional Engineer - Chemical, IA, 17383

Professional Engineer, KS, 25826

Professional Engineer, GA, PE038634

Professional Engineer, MN, 46996

Professional Engineer - Chemical, OH, 72898

Professional Engineer, IL, 062-059723

Professional Engineer - Chemical, NE, E-12269

#### SELECTED PROJECT EXPERIENCE

##### ► **National Beef WWTP and Dewatering Plant – Liberal, KS - Project Manager**

National Beef currently pre-treats their process wastewater with screening, Suspended Air Flotation, and a series of anaerobic and facultative treatment ponds prior to discharge to the Publicly Owned Treatment Works (POTW). Due to more stringent state nutrient removal requirements and planned changes at the POTW, National Beef decided to construct their own WWTP. HR Green worked with National Beef through planning, design, value engineering, and construction stages, using a Construction Manager-At-Risk (CMAR) project delivery method. The \$50M +/- project generally included a raw lift station, 5-stage Bardenpho process for biological nutrient removal, secondary clarifiers, disc filters for water reuse, and dewatering plant. Treated effluent is used for beneficial irrigation. HR Green's scope included planning services in the form of technical memorandums, preliminary and final design engineering services, and construction phase services including full-time on-site construction observation. The dewatering plant includes an aerated sludge holding tank with decanting ability, 3 belt filter presses, dewatered sludge conveyors, dewatered sludge truck loading bays, and dewatered sludge storage pad.

Gerald was the Project Manager and led the process design throughout all phases of the project.

##### ► **Blair WWTP – SBR 5 Expansion and Dewatering Plant - Cargill, Inc. - Project Manager**

This project was an expansion of an existing wastewater plant. The expansion included one Sequencing Batch Reactor (SBR) with associated pumps and aeration headers, one cooling tower with associated tank and pump, a Belt Filter Press (BFP) and associated pumps, dewatered sludge conveying, dewatered sludge storage bunkers, and grit screens including associated tank, pumps, and piping.

Gerald was responsible for process design and project management. The project included design and construction phase services.

##### ► **Minneapolis Water Works Residuals Improvements - City of Minneapolis, MN - Project Engineer**

This project involved pilot-scale testing, development of alternatives, and recommendations for residuals handling improvements to a 160 MGD lime softening water purification plant. Recommended alternatives included two additional 80-ft. diameter thickeners and installation of plate-and-frame filter presses to replace existing centrifuges.

The engineering report was followed by process design, bidding, and construction phase services for the gravity thickener improvements. HR Green was responsible for

....continued from previous page.

design to demolish the “coag” sludge holding tank, construct a new thickener building in its place, and to complete all civil site work design. The design included utilization of Leadership in Energy and Environmental Design (LEED) standards to allow the facility to be certified at the Silver Level. Due to the site location, other design considerations were required including compliance with standards and guidelines established for the Mississippi River Critical Area Corridor and the City of Minneapolis Sustainability Plan.

▷ **Anamosa - WTP Improvements - City of Anamosa, IA - Project Manager**

Gerald was responsible for design, bidding, and construction phase services to expand an existing water treatment plant including additional filtration capacity and replacement of the gas chlorine system.

▷ **Wilton – WWTP Expansion - City of Wilton, IA - Project Manager**

The City of Wilton, IA had an aging trickling filter WWTP that was unable to meet new NPDES permit limits for ammonia, e-coli, and iron. The existing Spiragester primary clarifier and trickling filters were replaced with an AeroMod package plant. The existing aerobic digester and digested sludge holding tank were reused but were upgraded with automated decant, level controls, sludge transfer pumping, and SCADA.

Gerald was the Project Manager and led the process design throughout all phases of the project.



## Mike Roth, PE

### *Technical Advisor*

Mike has experience in the design and construction of biological systems for both water and wastewater treatment; physical and biological systems for industrial wastewaters; and innovative collection and conveyance systems. Because of his expertise in wastewater processes, Mike is involved with the design or quality control aspects of most wastewater treatment projects done by HR Green. Mike currently leads HR Green's Wastewater Process Group, a group of professionals with specific technical wastewater knowledge throughout the company.

### EXPERIENCE

18 Years

### EDUCATION

BS/MS, Civil Engineering,  
Iowa State University

### REGISTRATION / LICENSE

PE, IA, 18424

### SELECTED PROJECT EXPERIENCE

- ▷ **Sludge Handling Improvements - City of Anamosa, IA - Staff Engineer**
- ▷ **Solids Handling Upgrades Design - City of McHenry, IL - Project Engineer**
- ▷ **National Beef WWTP and Dewatering Plant – Liberal, KS - Technical Advisor**
- ▷ **Bldg 70 Blended Sludge Pump Replacement - Des Moines, IA Wastewater Reclamation Authority - Senior Project Manager**
- ▷ **WWTP Nutrient Removal Feasibility Study - Iowa Great Lakes Sanitary District - Project Manager**
- ▷ **Water Pollution Control Facility Improvements - Iowa Great Lakes Sanitary District - Staff Engineer**
- ▷ **Nevada WWTF and Trunk Sanitary Sewer Improvements - City of Nevada, IA - Senior Project Engineer**
- ▷ **WWTF Primary Digester Rehabilitation - City of Watertown, SD - Project Manager**





## Ian Corbin, PE

### Process Engineer

Ian has a wide range of experience in cost estimating, permit preparation, and detailed design of water and wastewater treatment facilities. Ian also provides construction observation for water and wastewater treatment projects.

#### SELECTED PROJECT EXPERIENCE

- ▷ Nevada WWTF and Trunk Sanitary Sewer Improvements - City of Nevada, IA - Project Engineer
- ▷ WWTP Disinfection Improvements - City of Wellman, IA - Staff Engineer
- ▷ WWTP Expansion - City of Wilton, IA - Staff Engineer
- ▷ Evaluation of Meat Processing Facility WWTP Alternatives Evaluation with BNR - Confidential Meat Processing Facility - Staff Engineer
- ▷ Nutrient Removal Feasibility Study - Confidential Client - Project Engineer

#### EXPERIENCE

7 Years

#### EDUCATION

BS/MS, Civil Engineering,  
Iowa State University

#### REGISTRATION / LICENSE

PE, IA, P25370



## John Hale, PE, RCDD

### Electrical Lead

John gives leadership to a group of building systems engineering professionals at HR Green. He has extensive experience in design, project management and commissioning of electrical and telecommunications systems. His project experience includes medical clinics, large medical centers, small and regional hospitals, multistory office buildings, shopping centers, manufacturing plants, municipal buildings, libraries, colleges, universities and K-12 schools.

#### SELECTED PROJECT EXPERIENCE

- ▷ Building 70 Blended Sludge Pump Replacement - Des Moines WRA, IA - Electrical Engineer
- ▷ WRF Digester HVAC Improvements - Des Moines WRA, IA - Electrical Engineer
- ▷ Eastside Interceptor Pump Station and Forcemain - Des Moines WRA, IA - Electrical Engineer

#### EXPERIENCE

45 Years

#### EDUCATION

BS, Mechanical  
Engineering, California State  
Polytechnic University

#### REGISTRATION / LICENSE

PE, IA, 13075



## Dan Origer, PE

### I&C Lead

Dan is a Senior Engineer supporting the Water business line in the Des Moines office. He brings over 24 years of experience in technical sales and business development including project management, estimating, and strategic planning. His experience also encompasses maintaining and improving plant processes and utility equipment, electrical systems, control system design, PLC and SCADA programming, and system installations.

#### SELECTED PROJECT EXPERIENCE

- ▷ WWTF & Trunk Sanitary Sewer Improvements, Nevada, IA – Senior Engineer
- ▷ WWTP Improvements, City of Williamsburg, IA – Project Engineer
- ▷ Pump Station 240 Pumping and Equalization Basin Improvements (Phase 1 – Design / Bidding), Sioux Falls, SD – Senior Engineer
- ▷ WTP Controls Upgrade, City of Fort Madison, IA – Project Engineer
- ▷ Water Rec, Main Pump Station Replacement, Sioux Falls, SD – Project Engineer

#### EXPERIENCE

28 Years

#### EDUCATION

BS, Electrical Engineering,  
Iowa State University

#### REGISTRATION / LICENSE

PE - Electrical, IA, P26358



## Doug Sullivan, PE

### *Mechanical Lead*

Doug is a professional mechanical engineer with broad experience in mechanical design and commissioning services for healthcare, education, industrial, government and commercial building projects ranging from small remodels to multi-phase projects with over \$100 million of construction costs. System design experience includes primary/secondary and variable-primary chilled water systems, cooling towers, heating water and high pressure steam boiler systems, air handling units, energy recovery systems, water source and geothermal heat pumps, variable air volume systems, exhaust and kitchen hood exhaust. Doug has designed wet, dry, preaction and clean agent automatic fire protection sprinkler systems.

#### EXPERIENCE

27 Years

#### EDUCATION

BS, Mechanical Engineering, California State Polytechnic University

#### REGISTRATION / LICENSE

Professional Engineer, IA, P15589

#### SELECTED PROJECT EXPERIENCE

- ▷ WWTF & Trunk Sanitary Sewer Improvements, Nevada, IA – Mechanical Engineer
- ▷ Lime Residual Improvements, Water & Hydro, Ottumwa, IA – Project Engineer
- ▷ WWTP Improvements, City of Indianola, IA – Project Engineer
- ▷ Preliminary Treatment Building HVAC Improvements, Wastewater Reclamation Authority, Des Moines, IA – Project Engineer



## Dick Ward, PE

### *Structural Lead*

Dick specializes in civil and structural design, and gives leadership to a group of buildings professionals at HR Green. His project experience includes assisted living facilities, municipal buildings, commercial buildings, industrial facilities, pulverized coal and circulating fluidized bed electrical generating stations, simple cycle power plants, combined cycle power plants, fuel handling systems and wastewater treatment facilities.

#### EXPERIENCE

45 Years

#### EDUCATION

BS, Civil Engineering, Iowa State University

#### REGISTRATION / LICENSE

Professional Engineer - Structural, IA, 16392

#### SELECTED PROJECT EXPERIENCE

- ▷ Water Treatment Plant Expansion - City of Anamosa, IA - Structural Engineer
- ▷ Sludge Handling Improvements - City of Anamosa, IA - Structural Engineer
- ▷ WWTP Expansion - City of Wilton, IA - Structural Engineer
- ▷ Design Phase for Wastewater Treatment System Improvements - City of Keota, IA - Structural Engineer
- ▷ Wastewater System Improvements - City of Central City, IA - Structural Engineer
- ▷ Wastewater Treatment System Improvements - City of Stanwood, IA - Structural Engineer



## Teresa Stadelmann, PE, CFM

NEW INFORMATION

### *Stormwater Drainage and Pump Station*

Teresa specializes in water resources engineering, with a wide range of experience in hydrologic and hydraulic analysis, watershed studies, flood control planning and design, floodplain modeling, BMPs, permitting, and storm water modeling and design for municipal and private clients. She is knowledgeable in XP SWMM modeling and analysis of storm water systems, GIS analysis, and urban water resources design engineering.

Teresa regularly manages water resources-focused projects that address challenging stormwater management, flood mitigation, floodplain development and mapping, watershed management and planning, and storm sewer infrastructure improvements and rehabilitations. In addition to her technical expertise, Teresa effectively manages multi-disciplined teams, schedule, budget and community outreach from the study phase through final design and construction on complex stormwater and flood control related projects.

### SELECTED PROJECT EXPERIENCE

- ▷ Flood Mitigation Study and Flood Protection System Design 2008-2018 - Coralville, IA, Project Manager
- ▷ Rocky Shore Drive Pump Station - Iowa City, IA, Project Engineer
- ▷ Flood Control System - Cedar Rapids, IA, Project Manager

### EXPERIENCE

20 Years

### EDUCATION

BS, Civil Engineering,  
University of Notre Dame

MS, Civil Engineering,  
University of Minnesota

### REGISTRATION / LICENSE

Professional Engineer -  
Civil, IA, 17948

### SPECIALIZED TRAINING & CERTIFICATIONS

Certified Floodplain  
Manager, US-12-06480

## Relevant Project Experience (UPDATED)



### Stormwater Lift Station Upgrades

#### *City of Coralville, Iowa*

HR Green was contracted by the City to complete a major mitigation study for areas that were flooded in 2008 or were flood prone from Biscuit Creek, Clear Creek and the Iowa River. The scope of the study was to develop alternatives and recommendations for a flood control plan with probable estimates of construction costs. The report provided the City with a plan and supporting data to assist with funding applications for construction.

The City was successful in obtaining over \$50 million of I-JOBS and CDBG funding. The City hired HR Green for design of the specific flood control improvements. The timeline for the design was extremely tight, as the City wanted to get the I-JOBS and CDBG money into the local construction economy as quickly as possible.

Construction projects included the following improvements:

- Modifications to four existing stormwater pump stations to raise electrical instrumentation and controls, restore power, and replace and repair damaged equipment and screens
- Complete reconstruction of two existing pump stations
- Six new pumping stations with 50-cfs to 220-cfs pumping capacities, automated fiberglass sluice gates, and a diesel generator emergency power supply
- Storm sewer gate closures
- Reconstruction of the 1st Avenue Bridge over Clear Creek, incorporating removable floodwall closures at the bridge and in the Iowa River Landing area
- Earthen levees from Iowa River Landing to East 7th Street
- Utility relocations (electrical, sanitary, fiber optics, storm, water, gas and cable)
- In-stream retention basins

HR Green also provided construction administration and observation, detailed project documentation, including quantity measurements, daily work reports, pay estimate reviews and contract modifications; leading construction progress meetings; and coordinating final review of the projects with the contractor and City.

#### NEW INFORMATION

#### REFERENCE

Scott Larson  
City Engineer  
P: 319.248.1700  
E: slarson@coralville.org

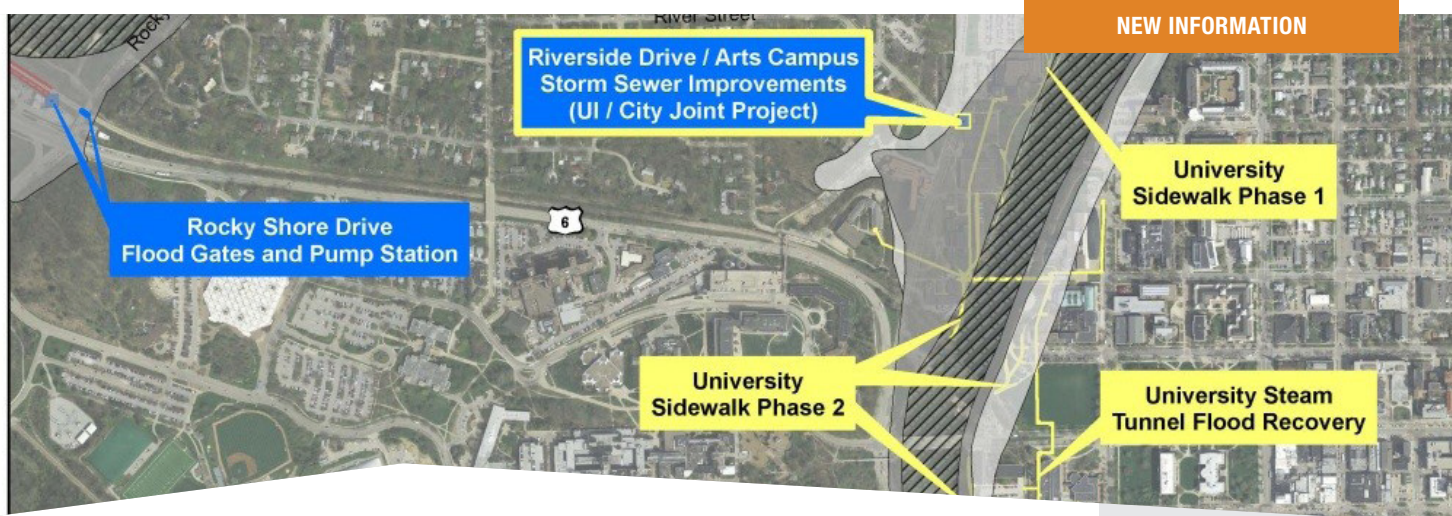
#### KEY ELEMENTS

- Similar Pump Station Operation
  - Pump only during high river flows, Normal flow by gravity
- Modeling, Planning, Design, Funding, and Construction
- Electrical, Instrumentation, Pump Sizing, Process, Civil, Design
- Outfall has Backflow Prevention
  - Gate and Duckbill



**2011 ASCE Iowa Section  
Outstanding Project of  
the Year Award for the 1st  
Avenue Project**





## Rocky Shore Pump Station

### *Iowa City, Iowa*

The Rocky Shore Pump Station project is a storm water management project that will provide interior drainage conveyance and prevention of flooding for the Rocky Shore sub-basin. Currently, Iowa River flooding can back up the existing storm sewer system and the overland conveyance routes to create substantial flooding of private and public property including reduced vehicle access on Highway 6. The project also includes the design of a closure structure for Rocky Shore Drive, an additional and necessary step to provide complete closure from Iowa River floodwaters.

The project involves Federal Funding in the form of Community Development Block Grant funds and consequently, the funding stipulations require a complete NEPA review in conjunction with the design process. In addition, an important project element is public involvement where public meetings and public coordination were conducted to solicit input and outline project milestones during the preliminary and final design process.

The project included a complete hydrologic and hydraulic watershed analysis to review generated rainfall runoff relationships to determine pumping rates for the pump station. The watershed analysis utilized available LiDAR mapping data for land-use and topography information and the existing drainage infrastructure was analyzed for conveyance capacity and conveyance deficiencies. The watershed is approximately 275 acres and discharge hydrographs were developed for the 1-, 2-, 5-, 10-, and 100-year events. The XP-SWMM computer model was used to develop the rainfall runoff model for the Rocky Shore Basin. The selected pumping capacity for the pump station is a 10-year rainfall event on the interior drainage area during gate closure at the pump station. The pump station design will incorporate two pumps with an overall capacity of 260 cubic feet per second for the 10-year interior storm event.

Combined with the pump station design, a type and size study was completed for a recommended closure at Rocky Shore. Closure types reviewed included automatic flood gate closures, swinging gate closures, gravity-vertical closures and temporary floodwall (post/stop log) systems. The temporary floodwall system was recommended.

#### NEW INFORMATION

#### REFERENCE

Ron Knoche, PE  
City Engineer  
City of Iowa City  
P: 319.353.5138  
E: ron-knoche@iowa-city.org

#### KEY ELEMENTS

- Similar Pump Station Operation
  - Pump only during high river flows, Normal flow by gravity
- Modeling, Planning, Design, Funding, and Construction
- Electrical, Instrumentation, Pump Sizing, Process, Civil, Design
- Outfall has Backflow Prevention
  - Gate and Duckbill



## Dean's Lake Stormwater Pumping Station

### *Des Moines, Iowa*

HR Green was retained by the City of Des Moines to design a pumping station to pump stormwater from the protected side of the U.S. Army Corps of Engineers' flood levee to the Des Moines River during high river conditions. Previously, temporary pumps were mobilized to perform this task, pulling staff away from other needs of the system. The Dean's Lake Pump Station design involved coordination between the City of Des Moines, Des Moines Wastewater Reclamation Authority (WRA), and the U.S. Army Corps of Engineers.

HR Green conducted hydraulic and hydrologic modeling of the Dean's Lake drainage basin. The pump station was designed to provide the capacity needed to protect the basin from flooding, and to convey the stormwater flow from an I-235 drainage project.

HR Green provided preliminary and final design and construction phase services for this project. The design had to meet the following objectives: pump 200 cubic feet per second (120 mgd); determine the best screening technology; design the foundation for unsuitable soils; maintain conveyance of design flows under low Des Moines River conditions; maintain levee top as a pathway for travel; perform economic evaluation to choose between submersible propeller pumps and screw pumps; provide a secure location for the equipment; and provide standby electrical generation for reliability.

Based on this information, a cast-in-place concrete structure was designed to house the pumps and electrical equipment. The pumps and electrical equipment were procured by the City of Des Moines through their service agreement with Electric Pump. The pumps are started using reduced voltage starting equipment to minimize the impact on the utility and surrounding users. Future development of the Dean's Lake drainage basin is probable with a major transportation corridor being planned for this area. The Dean's Lake Pump Station included architectural features to be pleasing to the eye. A strict construction sequence was prepared to allow for ongoing conveyance of Dean's Lakes flows and protection from fluctuations of the Des Moines River levels. Milestone dates were incorporated into the documents to maintain these requirements and schedule the work during winter low-flow time of the year. The design included structural, architectural, process, civil, and electrical disciplines.

### REFERENCE

David Kamp, PE  
Chief Design Engineer  
City of Des Moines  
P: 515.283.4022  
E: dmkamp@dmgov.org

### KEY ELEMENTS

- H&H Modeling
- Coordination Between Several Stakeholders

## NEW INFORMATION

## Stormwater / Sanitary Pump Station (New and Rehabilitation) Project Summary Table

The table below summarizes key aspects of the example projects on the pages to follow, as well as a partial list of national experience.

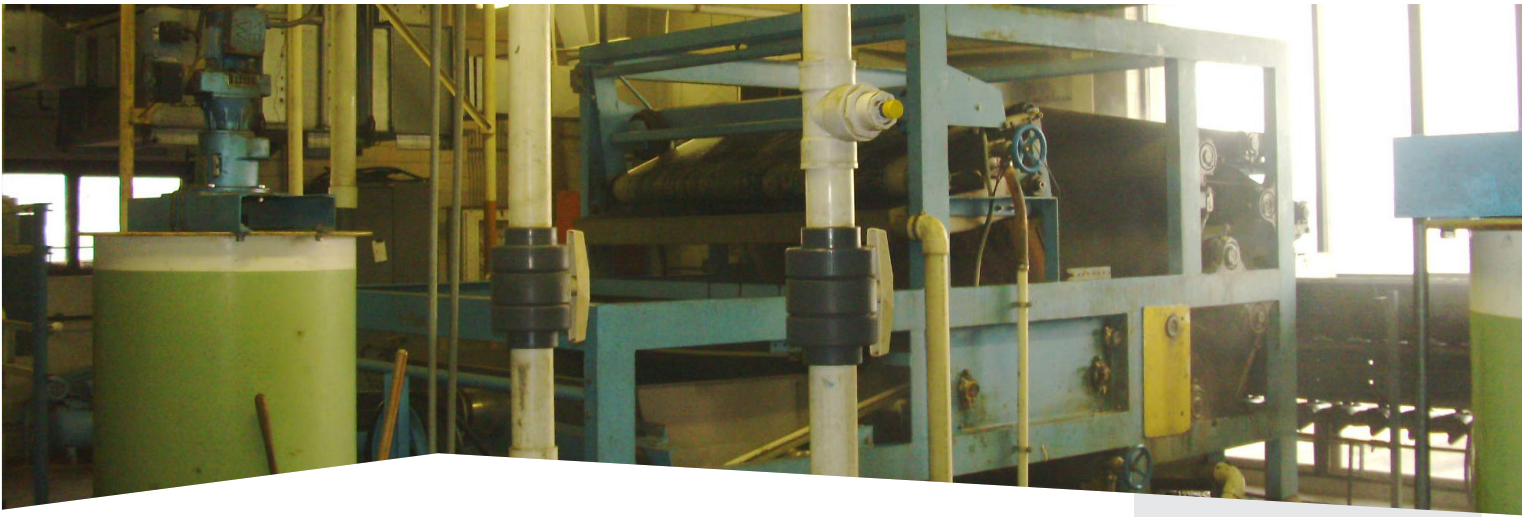
Project Name, Client Name <i>*indicates detailed case study on the following pages</i>	Firm Capacity (mgd)	Stormwater	Sanitary	Study/Facility Plan	Preliminary Design	Detailed Design	Construction Phase Services	Rehabilitation	New	Wet Pit / Dry Pit	Submersible	Controls/SCADA	Suction/Discharge Piping	Engine Generator	Screening	Army Corps Permitting
Des Moines, IA - 4th and Van Buren	129	●		●	●	●	●		●		●			●	●	●
Des Moines, IA - Dean's Lake	130	●			●	●	●		●		●	●	●	●	●	●
Des Moines, IA - Jackson Basin	350	●			●	●	●		●		●	●	●	●	●	●
Iowa City, IA - Rocky Shore Pump Station	84	●		●	●	●	●		●		●	●	●	●	●	●
Private Client, Iowa	7.1	●		●	●	●	●	●				●	●		●	●
Sioux Falls, SD - Main Lift	65		●	●	●	●	●		●	●		●	●	●	●	
Des Moines WRA - Eastside HFPS	40		●	●	●	●	●		●	●		●	●	●	●	●
Coralville, IA Stormwater Pump Station 1	58.2	●		●	●	●	●		●		●	●	●	●	●	
Coralville, IA Stormwater Pump Station 2	71	●		●	●	●	●		●		●	●	●	●	●	
Coralville, IA Stormwater Pump Station 3	32.3	●		●	●	●	●		●		●	●	●	●	●	
Coralville, IA Stormwater Pump Station 4	24.2	●		●	●	●	●		●		●	●	●	●	●	
Coralville, IA Stormwater Pump Station 5	32.3	●		●	●	●	●	●			●	●	●	●	●	
Coralville, IA Stormwater Pump Station 6	25.9	●		●	●	●	●	●			●	●	●	●	●	
Coralville, IA Stormwater Pump Station 9	62.7	●		●	●	●	●		●		●	●	●	●	●	
Coralville, IA Stormwater Pump Station 10	22.6	●		●	●	●	●		●		●	●	●	●	●	
Chisholm, MN - 2nd St. NW Lift Station	6.2		●						●		●	●	●	●		
MCES Hopkins L27	6.3		●		●	●	●		●	●		●	●	●		
MCES Mound L38	9.1		●		●	●	●		●	●		●	●	●	●	
MCES Mound 39	2.2		●	●	●	●	●		●	●		●	●	●	●	
MCES Bloomington L55	0.75		●	●	●					●						
MCES Rosemount L74	10		●		●	●	●		●	●		●	●	●	●	
MCES Rosemount L75	20		●		●	●	●		●	●		●	●	●	●	



...continued from previous page.

Project Name, Client Name <i>*indicates detailed case study on the following pages</i>	Firm Capacity (mgd)	Stormwater	Sanitary	Study/Facility Plan	Preliminary Design	Detailed Design	Construction Phase Services	Rehabilitation	New	Wet Pit / Dry Pit	Submersible	Controls/SCADA	Suction/Discharge Piping	Engine Generator	Screening	Army Corps Permitting
Minneapolis DP-01	NA	●		●	●	●	●	●								
Minneapolis DP-02	NA	●		●	●	●	●		●		●					
Minneapolis DP-03	NA	●		●	●	●	●	●						●		
Minneapolis DP-04	NA	●		●	●	●	●		●		●					
Minneapolis DP-05	NA	●		●	●	●	●	●			●					
Minneapolis DP-06	NA	●		●	●	●	●	●			●					
Minneapolis DP-07	NA	●		●	●	●	●	●			●					
Minneapolis DP-08	NA	●		●	●	●	●	●						●		
Minneapolis DP-09	NA	●		●	●	●	●	●			●					
Minneapolis DP-10	NA	●		●	●	●	●	●			●					
Minneapolis DP-11	NA	●		●	●	●	●	●			●					
Minneapolis DP-12	NA	●		●	●	●	●	●			●					
Minneapolis DP-13	NA	●		●	●	●	●		●		●					
Minneapolis DP-14	NA	●		●	●	●	●	●								
Minneapolis DP-15	NA	●		●	●	●	●	●			●			●		
Minneapolis DP-16	NA	●		●	●	●	●	●			●					
Minneapolis DP-17	NA	●		●	●	●	●	●			●					
Minneapolis DP-18	NA	●		●	●	●	●	●	●		●					
Minneapolis DP-19	NA	●		●	●	●	●	●	●		●					
Minneapolis DP-20	NA	●		●	●	●	●	●			●					
Minneapolis DP-21	NA	●		●	●	●	●	●			●					
Minneapolis DP-23	NA	●		●	●	●	●	●			●					





## Burlington WWTF Biosolids Study

### *Burlington, Iowa*

The Burlington Wastewater Treatment Facility (WWTF) currently disposes of approximately 510 dry tons of Class B biosolids through a land application process. The WWTF was anticipating numerous expenses to: (1) provide biosolids storage to replace a rented facility adjacent to the existing WWTF, and (2) replace aging equipment, and (3) provide a system sized to meet future biosolids disposal needs.

HR Green was hired to review current biosolids handling, storage and disposal operations; evaluate biosolids processing, storage, and disposal alternatives; evaluate future WWTF Capital Improvements Plans (CIP's) for cost consolidation options for processing, storage, and disposal alternatives; and present recommendations for improvements. Biosolids cost evaluations focused on development and selection of a cost effective biosolids program including: use of efficient biosolids dewatering technology; robust and flexible biosolids storage facility size; and minimizing application costs.

**A collaborative effort between the City of Burlington and HR Green resulted in the following recommendations:**

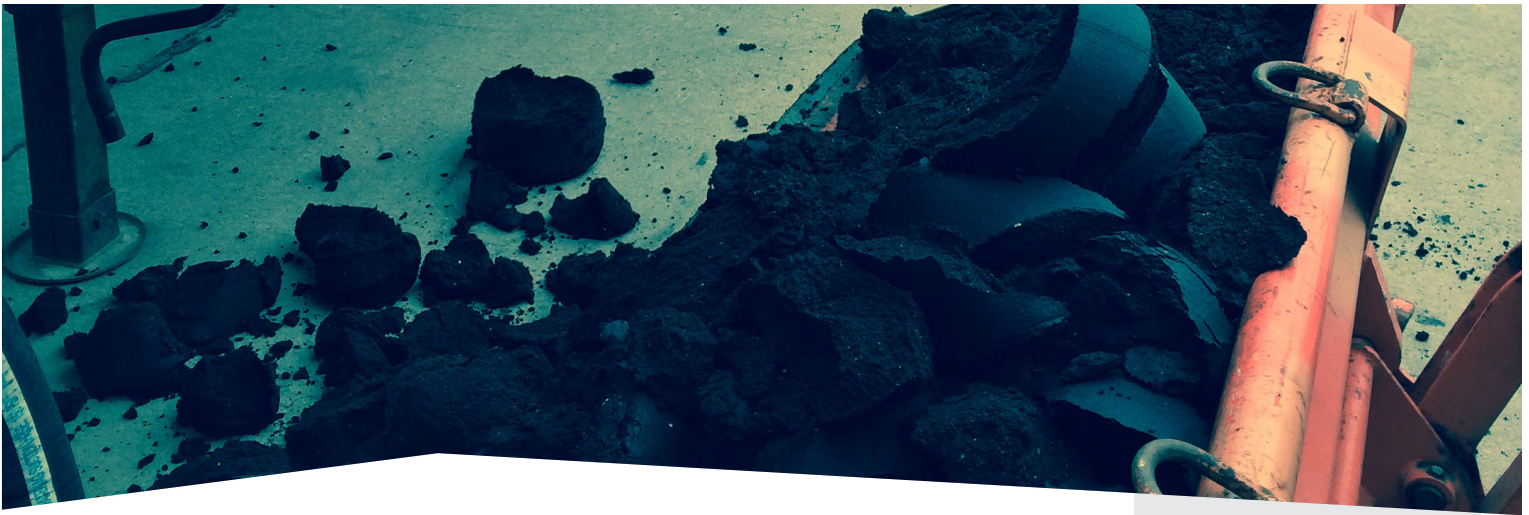
- Install two (2) screw press units replacing the existing BFPs
- Install two (2) screw conveyors to transfer dewatered cake from the screw presses to the existing belt conveyor
- Reuse belt conveyor to transfer dewatered cake to dump truck
- Construct a new storage facility located centrally among application sites
- Use existing City vehicles to haul dewatered cake
- Use existing land application staff to haul dewatered cake
- Investigate contracting for land application from City Storage facility once City vehicles have reached end of useful life

### REFERENCE

Donald Fitting  
Wastewater Treatment Facility  
Superintendent  
City of Burlington, IA  
319.753.8176  
fittingd@burlingtoniowa.org

### KEY ELEMENTS

- Biosolids transfer
- Evaluation of biosolids processing
- Future sludge projections
- Dewatering technology screening
- Conveyance of sludge



## Water Reclamation Biosolids Study

### *Sioux Falls, South Dakota*

The Sioux Falls Water Reclamation Facility (WRF) started a biosolids land application program in 1995 and currently disposes of approximately 2,400 dry metric tons of Class B biosolids through a land application process. The WRF is anticipating numerous expenses to replace aging equipment and to expand the capacity of the current program to meet the future biosolids disposal needs.

The WRF staff are interested in reviewing 1) the potential to transition from liquid land application of biosolids into a mechanical dewatering program to reduce the environmental compliance burden of the land application process, 2) reduce staffing levels required by the land application program as biosolids volumes increase over the next 20 years, and 3) to make the program more efficient and reduce costs.

#### The scope of the Study included:

- Review current biosolids handling, storage and disposal operations.
- Evaluate biosolids processing, storage, and disposal alternatives.
- Evaluate future Water Reclamation Capital Improvements Plans (CIP's) for cost consolidation options for processing, storage, and disposal alternatives.
- Present recommendations for improvements.
- Piloting of recommended biosolids dewatering and drying technologies.

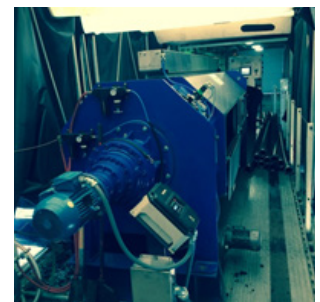
The results of the study recommended a two phase approach to future biosolids management. The first phase allowed for the WRF to continue utilizing the existing infrastructure while reducing labor and disposal costs until enough capital funds were available to proceed with the second phase. The second phase replaced the aging infrastructure and significantly increased the capacity of the biosolids treatment, reliability, and disposal methods while shifting to Class A biosolids product. The Class A biosolids product would be safe for public use and can have beneficial reuse to take the place of chemical fertilizers.

#### REFERENCE

Mark Perry  
Water Reclamation  
Superintendent  
City of Sioux Falls  
605.941.1151  
mperry@siouxfalls.org

#### KEY ELEMENTS

- Reuse of existing infrastructure
- Investigation of Class A biosolids production and disposal
- Dewatered and dried biosolids conveyance







## Biosolids Storage, Handling & Disposal Study

### Ames, Iowa

The City of Ames selected HR Green to review the current biosolids storage, handling, and land application practices that were being done and project future needs compared to current practices. The existing facilities were aging and plaguing the Water Pollution Control Facility (WPCF) staff with frequent maintenance. HR Green completed a facilities assessment for this work with respect to future life and maintenance. Historical sludge production was also reviewed to establish current baseline conditions and a basis for projected performance.

A proven project management approach was utilized for this project. The project is a cyclical model that uses checks on the established project goals to confirm direction throughout the project. Alternatives were screened for improving the sludge handling process.

A workshop was held to review 5 alternatives of the above options. A recommendation was made to change from City handling to contractor land application of sludge. The WPCF also purchased equipment to allow land application of sludge outside normal contract application times. After two seasons of removal of biosolids from the storage lagoon and land application by Contractor, the WPCF has realized even more savings than was predicted in the Biosolids Storage, Handling and Disposal Study.

HR Green also reviewed future nutrient removal at the WPCF, and the likely effects of nutrient removal on the quantity and quality of sludge generated at the wastewater treatment facility. The City anticipated upcoming changes in its NPDES permit, which would add new discharge limits on nitrogen and phosphorus. In the study, HR Green estimated the increases in sludge volumes and summarized the likely sludge composition after nutrient removal. Technologies considered for nutrient removal included chemical precipitation, effluent filtration and biological treatment.

The anaerobic digestion process was also reviewed with respect to increasing gas production and the impact of addition nutrient content in the feed sludge due to nutrient removal changes at the WPCF. The digester optimization portion of the study compared confined gas mixing, internal/external draft tube mixing, linear motion mixing and pumped recirculation mixing alternatives to determine the most cost-effective way to boost biogas production.

### KEY ELEMENTS

- Determine future needs and regulatory impacts
- Digestion Impacts to Dewatered Sludge
- Incorporating Client Preferences
- Screened 5 Alternatives
- Developed procurement docs for Control Disposal
- Significant Costs savings utilizing Contract Disposal



## WPCP Belt Filter Press Improvements

### *Davenport, Iowa*

HR Green was retained by the City of Davenport to provide task order assistance to complete projects at the Water Pollution Control Plant (WPCP). One of the task orders included reconditioning/rehabilitation of three (3) 2-meter Envirex Belt Filter Presses (BFPs) including disassembly/reassembly; reconditioning/replacement of rollers, bearings, drive system components, belt tensioning/tracking/steering components, belts, drain pans, spray system, doctor blades, and plows. Work included BFP assessment, specification development, assistance with quoting, construction sequencing, and construction phase services.

### REFERENCE

Jeff Holle  
Maintenance Supervisor, WPCP  
City of Davenport  
563.326.7877

### KEY ELEMENTS

- Existing BFP Assessment
- BFP Reconditioning
- Construction Sequencing
- Bid Package Development





## Biosolids Dewatering Improvements

### *Watertown, South Dakota*

A study was conducted for the City of Watertown that looked at the feasibility of continuing land application of liquid biosolids. The land application process was very cost effective; however, nearby land used for biosolids disposal was becoming limited and the City had concerns about the future availability of land. The City asked if HR Green could evaluate three options; 1) the potential to transition from liquid land application to mechanical dewatering of biosolids with a landfill disposal, 2) the continued use of City equipment, or 3) contractor hauling of liquid biosolids, and identify areas the current program could be more efficient and cost effective. The study determined that land application was not a long-term option for the City of Watertown. Recommendations included adding a screw press into the wastewater treatment facility process to handle dewatering of the liquid biosolids into a dewatered cake which ultimately would be disposed of at the local landfill.

The project consisted of design and construction services to repurpose a decommissioned pretreatment building into a solids dewatering building. The building now houses a new screw press that is used to dewater digested liquid biosolids from the two primary digesters. HR Green evaluated several different screw press manufacturers and different layouts to install a screw press and leave room for a future second screw press with little structural modifications to the existing building. The screw press, piping, and ancillary equipment was fit into the challenging space limitations. HR Green also identified a cost savings to the City by reusing the existing conveyor belt with minimal modifications. Three aging sludge pumps were replaced with new high efficiency rotary lobe pumps along with VFDs. Yard piping was added to intercept the existing liquid sludge piping to redirect sludge to the solids dewatering building but also allow for sludge to be redirected to the existing sludge storage tank. The process piping within the building that mixes the sludge storage tank was modified to allow the liquid sludge to be transferred from the sludge storage tank back to the solids dewatering building.

The project provides the City of Watertown a low maintenance, long-term solution for processing and handling the liquid biosolids while also allowing for disposal of the biosolids that no longer requires the City to rely on the availability of farm land. The project also saved the City significant money by designing the new equipment and layout to allow for repurposing a decommissioned building and reusing some existing equipment.

### REFERENCE

Mike Boerger  
Wastewater Superintendent  
605.882.6243  
mboerger@watertownsd.us

### KEY ELEMENTS

- Dewatering evaluations
- High solids conveyance
- Retrofit of facilities within existing building
- Bidding and Construction Management



## McHenry Wastewater Treatment Facility Consolidation

### McHenry, Illinois

HR Green has completed several projects over the past twelve years evaluating and upgrading the City of McHenry's Central Plant, South Plant, and Sanitary Sewer System. Since 2007 this work has been leading up to the elimination of the aging Central Plant. The main phase of the project, the McHenry WWT Facility Consolidation, upgraded the South Plant processes and created a new pump station next to Central Plant. A 24" Forcemain Extension phase simultaneously completed an earlier forcemain project and allows the City to reroute all flow from the new Central Pump Station (CPS) to the upgraded South Plant. The consolidation and forcemain extension projects cost \$33 million. The existing Central Plant is intended for demolition in the future.

The final South Plant upgrade included two microscreens, three SBR tanks, high rate clarification, two disc filters, two UV disinfection banks, and a sludge dryer. This equipment treats a design average flow of 4 MGD. The high rate clarification, which activates during peak storm events, treats a flow up to 16 MGD. The peak/storm flows are routed through the proposed 24" forcemain from Central Plant into the high rate clarification, then directly to UV disinfection. Existing processes, including oxidation ditches, final clarifiers, aerobic digesters, and solids handling, are incorporated into the process flow as a complementary system.

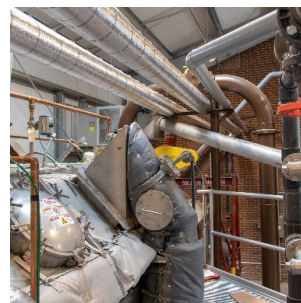
An important part of the project was the solids handling portion. Before the project the City's solids handling consisted of the waste activated sludge (WAS) being thickened by a gravity belt thickener and then dewatered with a two-meter belt filter press (HR Green previous project in 2011). The dewatered sludge (16%-20% solids) would drop into trucks below and be disposed at a landfill. The McHenry WWTF Consolidation project included a sludge drying system to decrease the volume of sludge and to produce a Class A sludge. To accommodate the drying system, a screw conveying system was installed to transfer the dewatered sludge from the belt filter press to the dryer feed hopper. The sludge is then pumped to the dryer unit. The dried product is conveyed up to the dumpster and evenly distributed into a dumpster using a screw conveyor system. The dried product allows the City to dispose of approximately 1/5th the volume to the landfill as their current operation. The City can investigate other disposal methods in the future with the Class A product that the dryer produces.

### REFERENCE

Russell Ruzicka  
Superintendent – Wastewater  
Division  
City of McHenry  
815.578.1303  
rruzicka@ci.mchenry.il.us

### KEY ELEMENTS

- Class A drying
- Conveying technology evaluation including level loading
- Biosolids storage







## Plant Siting, Planning and Design

### *Iowa Great Lakes Sanitary District*

The Iowa Great Lakes Sanitary District (IGLSD) maintains a vast network of sanitary sewers, lift stations and force mains in the popular Okoboji lakes region of northwest Iowa. The district provides wastewater collection, conveyance and treatment services for an area of 12,000 acres encompassing the communities of Arnolds Park, Okoboji, Milford, Orleans, Spirit Lake, West Okoboji and Wahpeton.

The population served by the IGLSD Wastewater Treatment Plant is highly variable due to increased use of the lakes during summer and holidays. The current off-season population is approximately 14,000 whereas, the 4th of July population is estimated to be 120,000.

Expansion of the collection system and aging infrastructure caused the review of the existing WWTP facilities, overall site needs, and encroaching neighbors. The review was in respect to service, safety, maintainability, operability, performance and capacity. A Siting Study reviewed potential site needs and requirements with respect to proximity of neighbors, local development, sewer transmission, receiving stream consideration, and remaining service of existing structures. Three sites were reviewed with respect to these issues. With much input from the Client, it was decided to remain at the existing property and remove the less aesthetically accepted processes from the property boundary. Since the decision was made to remain, solids processing improvements were designed and constructed to replace failing equipment including digester covers, mixing, and heating equipment.

The existing liquid process includes screening, grit removal, primary clarification, rotating biological contactors, secondary clarification, and disinfection. All of these processes were evaluated with respect to the siting criteria established and it was decided to demolish this portion of the facilities and construct new facilities.

The liquid train improvements included new Headworks (mechanical fine screening, flow measurement, and aerated-grit removal), daily and peak equalization, primary clarification, activated sludge and associated equipment, secondary clarification, and ultraviolet disinfection. **Solids improvements included associated pumping for above processes, waste activated sludge (WAS) holding, and WAS thickening.** The wastewater facilities have been designed for a capacity of 14.2 million gallons per day, 12,400 lbs per day biological oxygen demand, and 1,900 lbs per day total kjeldahl nitrogen (TKN).

The Facility Plan was approved, and the project is constructed. The engineer's opinion of construction cost of the improvements recommended was \$16.0 million.


### REFERENCE

Steve Anderson  
IGLSD District Director  
712.338.2626  
iglsd@iglsd.com

### KEY ELEMENTS

- More stringent NPDES permit
- Flexible to handle high flows
- Accurate cost estimating
- Client input

# Wastewater Treatment Project Experience Matrix

<div></div> <div>Municipal Clients</div>	Size (mgd) Average	PROJECT PHASE						LIQUID TREATMENT										SOLIDS PROCESSING AND DISPOSAL										FUNDING TYPE					
		Study	Facility Plan	Bench/Pilot Testing	Preliminary Design	Detailed Design	Construction Phase Services	Influent Pump Station	Preliminary Treatment	Peak Flow Treatment	Primary Treatment	Suspended Growth Biological	Attached Growth Biological	Natural Systems	Tertiary Treatment	Disinfection	Effluent Reuse	Nutrient Control Systems	Solids Storage & Transport	Conditioning	Thickening	Dewatering	Stabilization	Thermal Processing	Use & Disposal Of Biosolids	Hvac/Odor Control	Tertiary Treatment	SCADA/I&C	Sewer Revenue	CDBG	EDA	SRF	Other
Adair, IA WWTP	0.3																																
Ames, IA WWTP	20.4																																
Anamosa, IA WWTP	2.5																																
Burlington, IA WWTP	6.5																																
Cedar Rapids, IA WPCF	50																																
Central City, IA WWTP																																	
CIRSSD WWTP, MN	2.5																																
Cleveland, TX - East WWTP	2																																
Cleveland, TX - West WWTP	0.75																																
Clinton, IA WWTP	6																																
Corning, IA WWTP	1.5																																
Cresco, IA WWTP	1.65																																
Davenport, IA WPCF	26																																
Des Moines, IA WRA	50																																
East Gull Lake, MN WWTP	0.36																																
East Moline, IL WWTP	27.8																																
Elk River, MN WWTP	1.1																																
Fairmont, MN WWTP	2.5																																
Frankfort, IL WWTP	4.35																																
Harrisburg, SD WWTF	3																																
Herculanum, MO WWTP	2.3																																
Hibbing, MN WWTP	4.5																																
Hopkinton, IA WWTP	0.03																																
Houston, TX - Northwest WWTP	18																																
Houston, TX - Keegans Bayou WWTP	23																																
Houston, TX - Chocolate Bayou WWTP	7																																
Houston, TX - Greenridge WWTP	7.05																																
Houston, TX - Northeast WWTP	7.25																																
Houston, TX - FWSD #23 WWTP	7																																
Houston, TX - N. Sims WWTP	36																																
Houston, TX - Metro Central WWTP	5																																
Houston, TX - Southeast WWTP	5.3																																
Houston, TX - Upper Braes WWTP	18																																
Huron, SD WWTP	2.7																																
Independence, IA WWTP	2																																
Indianola, IA WWTP	4.5																																
Iowa Great Lakes Sanitary District	4																																
Johnsburg, IL WWTP	0.5																																
Keota, IA WWTP																																	
Keystone, IA WWTP																																	
Lamonia, IA WWTP	1																																
Lowden, IA WWTP																																	
Mankato, MN WWTP	11																																
Marengo, IL WWTP	4.5																																
MCES Empire WWTP, MN	24																																
MCES Hastings WWTP, MN	14																																
MCES, MN Metro Plant	250																																
MCES St. Croix Valley, MN	4.5																																
McHenry, IL WWTP	4.5																																
Missouri City, TX - SFBF WWTP (TA)	4.5																																
Mount Ayr, IA WWTP	0.5																																
Nevada, IA WWTP	2.5																																
North Shore Sanitary District, IL WWTP																																	
Ottumwa, IA WPCF	10																																
Pasadena, TX - Golden Acres WWTP	5																																
Pasadena, TX - Vince Bayou WWTP	7																																
Pella, IA WWTP	2.5																																
Richmond, IL	0.5																																
River Falls, WI WWTP	3.4																																
Rochester, MN Water Rec Plant	19.1																																
Rock Valley, IA WWTF	1.9																																
Sioux City, IA WWTP	29																																
Sioux Falls, SD WRF	35																																
Southern Iowa Rural Water Assoc.	NA																																
Stanwood, IA WWTP																																	
Villisca, IA WWTP	0.3																																
Walker, IA WWTP	1.5																																
Watertown, SD WWTP																																	
Waverly, IA WWTP	1.25																																
West Liberty, IA WWTP	1.3																																
Wilton, IA WWTP	1																																
Wood Dale, IL WWTP	3.5																																



## Understanding and Approach (UPDATED)

The City of Anamosa currently owns and operates an Aeromod wastewater treatment plant. Waste activated sludge is currently treated in aerobic digester compartments of the Aeromod system. Digested sludge is sent to an Ashbrook belt filter press for dewatering. Dewatered sludge can be trucked to a repurposed trickling filter for storage before final disposal. The existing biosolids handling system has the following issues:

1. The existing Ashbrook belt filter press is 14 years old and has been a challenge to operate including labor to change the belt, labor to start and stop to move the truck when it is full, etc.
2. An electrical panel east of the belt filter press is corroded and needs to be replaced.
3. The polymer feed system needs to be replaced with a system that is easier to operate and maintain.
4. The HVAC in the building needs to be addressed. An exhaust fan was not working during our visit that should have been working, and a heater appears to have been removed for unknown reasons. Generally speaking, a belt filter press building is a challenging, wet environment for humidity and corrosion and the HVAC needs to not only meet current codes but also provide a reasonable working environment for staff and equipment. We completed HVAC improvements to the belt filter press room at the Burlington WWTF in 2016 which included ventilation intake hoods above the presses. A similar approach may be beneficial for Anamosa.
5. The overhead door on the east end of the building needs to be replaced with a new door and automatic opener.
6. The shingle roof needs to be replaced with a steel roof to replace the aging shingles.
7. There is a filtrate pumping building where filtrate from the belt filter press is pumped back to the Aeromod with submersible pumps. The platforms to access the pumps are not equipped with proper fall protection. Modifications to the walkways, building walls and doors are also needed for proper access to the platform.

Also, an abandoned clarifier could be repurposed with some relatively simple piping changes to be converted to a digested sludge storage tank which would provide more operational flexibility for managing the press operation. The piping in and out of the clarifier needs to

be reconfigured but otherwise the abandoned clarifier could be easily repurposed. The drive was designed for a clarifier and has not been in use for several years. Therefore, restoration or replacement of the drive may be needed but otherwise the basin appears to be in good working order. Although the repurposed tank is anticipated to be for digested sludge storage volume rather than additional digester capacity, HR Green recommends addition of aeration for solids suspension and maintaining a dissolved oxygen residual for odor control. Proper pumping of sludge from this tank to the dewatering process will be a key design consideration. Aeration and pumping will be key to the success or repurposing this tank based on our experience.

Finally, drainage and stormwater handling for the site need to be analyzed. The existing stormwater facilities require pumping from the detention basin for discharge to the Wapsipinicon River, and the gate to prevent river backflow into the site is damaged.

The HR Green team is experienced with addressing each of these project goals described above. We have a unique approach which will distinguish us from the other firms proposing on this project.

1. The current press, conveyor and truck configuration only allows for a short press run time before shutting down and moving/emptying the truck. This could be easily improved in the following ways:
  - a. Consider using a large dumpster where the truck currently resides in the building. This would allow for a longer press run time and less time moving the truck. The dumpster would have a larger volume than the truck and be moved less often, i.e. more time running the press and less time starting/stopping the press.
  - b. The existing conveyor is very unique and very expensive to replace the aging, cracking belt. If the large dumpster configuration is preferred then the conveyor could be replaced with a much more common, more cost-effective conveyor instead of the specialized, expensive conveyor that is there now.
  - c. Consider an extra trailer rather than a dumpster, or multiple dumpsters for redundancy.
2. Another consideration is the belt filter press capacity and run time. A larger press would need to run

less often and require less staffing/ operation and maintenance costs. HR Green will investigate changing the sizing/capacity of the belt filter press and consider the hours of operation each week of the press to reduce labor (operation and maintenance). This combined with the repurposed sludge storage tank could make a profound difference in sludge wasting from how it works now.

3. We understand how important it is to “kick the tires” on a new piece of equipment before buying. Just like talking with other owners of the same new car you may be considering before buying, we recommend and can schedule site visits with folks that already own newer dewatering equipment to see what works best in the industry. HR Green will identify and schedule visits to two or three newer technology dewatering facilities in the area to compare the operation of the existing Anamosa facility to the other dewatering technologies available. HR Green will summarize the comparison as part of the Facility Plan. The Facility Plan will outline the advantages, disadvantages and costs associated with each dewatering technology option and also include a comparison of repair vs. replacement of the belt filter press. This will give the City the tools to make an informed decision on the project budget before proceeding further. This approach helps communities work within the budget limitations.

We propose the following work approach to tackle each of these project goals:

### WORK APPROACH

This scope of work describes the services to be rendered by the COMPANY for the biosolids handling improvement project for the CLIENT. The project will Facility Planning, design of the recommended improvements, bidding and construction phase services. These services will include serving as the CLIENT’s professional engineering representative for the Project, providing professional engineering consultation and advice, and furnishing civil, process, structural, electrical engineering as well as other services. The services provided by the COMPANY will be conducted in a manner consistent with that level of care and skill ordinarily exercised by experienced and qualified engineering professionals.

### SECTION 1: BASIC SERVICES OF THE COMPANY:

The services outlined in this section of the scope of services are recommended by the Iowa DNR Wastewater Engineering Construction Permitting Process Manual and

should be followed to meet the Iowa DNR requirements and help the project move forward smoothly. The COMPANY proposes to complete the following services:

### PHASE 1 - FACILITY PLANNING

1. The COMPANY will complete the SRF Planning and Design loan application and Intended Use Plan for SRF funding.
2. The COMPANY will provide on-going project management including budget and schedule management.
3. Project Kickoff Meeting - The COMPANY will conduct a project initiation meeting to clarify and identify specific project elements and objectives and the CLIENT’s requirements for the project, review the project staffing and organization, and develop detailed project schedule with critical dates, milestones, and deliverables. The COMPANY will prepare and distribute meeting notes within one week of the meeting date.
4. Facility Plan – The COMPANY will develop a Facility Plan including the following items:
  - a. Contact the Iowa DNR and request assignment of a Project Manager.
  - b. Conduct a Project Initiation Meeting with the CLIENT and the IDNR.
  - c. Complete IDNR Schedule A. Previously approved IDNR Schedules G (flow and loading) and F (site approval) are anticipated to be current and not require revision.
  - d. Review and summarize the existing flow and loading data provided by the CLIENT.
  - e. Review and summarize existing sludge production data provided by the CLIENT.
  - f. Attend up to three site visits to other dewatering facilities to review alternate technologies. A visit to a volute dewatering press facility is recommended.
  - g. Complete a review of various dewatering technologies and capacities to decrease run time. The review will include a comparison of costs, footprint, pros, cons, etc.
  - h. Analyze stormwater handling facilities. Complete a simple stormwater model to compare detention basin sizing and outlet configuration to site runoff needs. Recommend detention basin improvements as well as a replacement backflow prevention gate for the site outfall.

- i. The COMPANY will develop a preliminary Opinion of Probable Construction Cost (OPCC) for the improvements.
- j. Prepare a draft report and submit to the Client for review and comment.
- k. Attend a meeting with Client to review the draft report and comments.
- l. Finalize the report to incorporate Client's comments and submit copies of the final report to Client and IDNR. The final report will be sealed by an engineer licensed to do work in the State of Iowa. The Facility Plan will establish the scope and budget for the project prior to design and construction.

## PHASE 2 – DESIGN SERVICES

### ► PHASE 2A – DESIGN DEVELOPMENT

#### Design Services

- 1. Prepare an opinion of probable cost for the project at the 50% complete milestone.
- 2. Submit drawings and opinion of probable cost to CLIENT for review at 50% complete milestone.
- 3. Conduct project status meeting between the CLIENT and the COMPANY staff to review the 50% completed work and documents, discuss content and schedule of the remaining work, and receive comments, approvals, or redirection of these efforts.
- 4. Utilize Quality Assurance (QA) in design and perform Quality Control (QC) review of drawings.

### ► PHASE 2B – CONSTRUCTION DOCUMENTS

- 1. Incorporate CLIENT review comments from the 50% project status meeting, and complete drawings to approximately 90% complete level of detail.
- 2. Prepare construction specifications and contract documents. The COMPANY standard specifications will be used.
- 3. Prepare an opinion of probable cost for the project at the 90% complete milestone. Provide a final opinion of probable cost for the project to file with the completed documents.
- 4. Submit drawings, specifications, and opinion of probable cost to CLIENT for review at 90% complete milestone.
- 5. Conduct project status meeting between the CLIENT

and the COMPANY staff to review the 90% completed work and documents, discuss content and schedule of the remaining work, and receive comments, approvals, or redirection of these efforts.

- 6. Utilize Quality Assurance (QA) in design and perform Quality Control (QC) review of drawings, specifications, and contract documents.
- 7. Furnish copies of the final drawings, specifications, and contract documents to the CLIENT.
- 8. Submit final drawings, specifications, contract documents, and applications for construction permit to the Iowa Department of Natural Resources (IDNR). The CLIENT is responsible for permitting fees.

## PHASE 3 - BIDDING SERVICES

- 1. Print the required number of drawings, specifications, and contract documents for distribution to prospective bidders for the project, anticipated to be 30 sets of documents.
- 2. Advertise for bids for the construction of the project.
- 3. Furnish copies of drawings, specifications, and contract documents to prospective bidders and other interested parties.
- 4. Receive and process deposits for bidding documents and maintain a record of parties to whom bidding documents have been issued.
- 5. Correspond with prospective bidders, suppliers, and other interested parties with questions and comments during the bid period.
- 6. Issue addenda as appropriate to interpret, clarify, or expand bidding documents.
- 7. Attend a pre-bid meeting with the CLIENT and prospective bidders, suppliers, and other interested parties.
- 8. Attend the bid opening.
- 9. Prepare bid tabulation sheets and distribute to the CLIENT and all plan holders.
- 10. Assist the CLIENT in evaluating bids and awarding construction contracts.
- 11. Prepare construction contract documents and submit to each contractor for completion.
- 12. Review and submit the executed contract documents to the CLIENT for approval.

## PHASE 4 - CONSTRUCTION PHASE SERVICES

### Construction Administration and Resident Engineering

The CONSULTANT is being retained by the CITY to provide engineering assistance during construction of the project. The following Work Approach for Construction Phase Services described herein identifies the specific services to be provided. These services include:

1. Providing construction phase administration during the duration of the improvements project. This includes appropriate construction documentation including shop drawing review, change order review, clarification requests, and preparation of record drawings.
2. Providing a part-time resident observer to monitor the construction activities.
3. Assisting the CITY with start-up of the new facilities.
  - A. Preliminary and General Work
    1. Project Management - Provide on-going project management for the duration of the construction phase of the project. Construction of this project is anticipated to take 15 months from award to final completion for the contractor
  - B. Construction Contract Administration
    1. Coordinate a preconstruction meeting after award of construction contract for the CITY, Contractor, subcontractors and utility companies. The preconstruction meeting will be held onsite. CONSULTANT's Resident Observer will prepare and distribute meeting minutes to all participants.
    2. Respond to requests for clarification and, review and recommend action on Contractor initiated claims. Prepare letter scopes of work for design based contract modifications, CONSULTANT's cost opinion for change orders, and process change orders.
    3. Review Contractor's construction schedule and monthly updates for general compliance with the intent of the Contract Documents. Review will consist of verifying that the Contractor creates a schedule to complete the construction by the date noted in the Contract Documents and that the Contractor maintains the schedule to reflect actual progress and updated forecasts.
    4. Review shop drawings, samples, and other data which the Contractor is required to submit, but only for conformance with design concept of the Project and conformance with the information given in the contract documents. Such review shall not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto.
5. Review Contractor submittals required by the contract documents and make appropriate responses. Advise the CITY immediately if it is determined that any work requiring a Contractor submittal is commenced prior to review. All efforts involved in reviews of subsequent submittals beyond three (initial submittal and two revisions) will be recorded in anticipation of additional compensation from appropriate back charges to the Contractor as provided in the Contract Documents.
6. Participate in regular (monthly) progress meetings conducted by the CONSULTANT's Resident Observer and Contractor.
7. Consult with and advise the CITY and act as CITY's representative. All of CITY's instructions to the Contractor will be issued through the CONSULTANT, who will have the authority to act on behalf of the CITY. The CONSULTANT shall not act on the CITY's behalf without securing actual authority from the CITY's representative prior to taking such action.
8. During the period of construction, CONSULTANT shall make periodic visits to the site at intervals appropriate to the various stages of construction as the CONSULTANT deems appropriate. Up to six (6) site visits are anticipated and budgeted. The purpose of these visits shall be to observe the site and work, to familiarize the CONSULTANT with the progress and quality of the work, and to determine for the CITY's benefit and protection if the work is proceeding in accordance with the intent of the contract documents and construction schedule. CONSULTANT shall keep the CITY informed of the progress and quality of the work and shall use reasonable care to inform the CITY of defects and deficiencies in the Contractor's

work and of the Contractor's failure to carry out the work in accordance with the intent of the construction documents and the construction schedule. CONSULTANT shall not, during such visits supervise, direct or have control over the Contractor's work nor shall CONSULTANT have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected by the Contractor, for safety precautions and programs incident to the work or for any failure of the Contractor to comply with laws, rules, regulations, ordinances, codes or orders applicable to the Contractor furnishing and performing his work. Accordingly, CONSULTANT can neither guarantee the performance of the construction contract by the Contractor nor assume responsibility for the Contractor's failure to furnish and perform his work in accordance with the contract documents. During such visits, the CONSULTANT may disapprove of or reject the Contractor's work while it is in progress if CONSULTANT believes that such work will not produce a completed Project that conforms generally to the contract documents or that it will prejudice the integrity of the design concept of the Project as reflected in the contract documents. CONSULTANT will document Contractor deficiencies verbally and in writing to the Contractor.

9. Consult with CITY regarding the status of the work and partial payments due to the Contractor. Such recommendations of payment will constitute a representation to CITY, based on such observations and review, that the work has progressed to the point indicated, and that, to the best of CONSULTANT's knowledge, information and belief, quality of such work is generally in accordance with the contract documents. In the case of unit price work, CONSULTANT's recommendation of payment will include determinations of quantities and classifications of such work. CONSULTANT's review of the Contractor's work for the purpose of recommending payments shall not impose on CONSULTANT the responsibility to supervise, direct or control such work. It shall also not

impose responsibility on CONSULTANT to make any examination to ascertain how or for what purposes the Contractor has used the monies paid on account of the contract price.

10. Issue necessary interpretations and clarifications of the contract documents, and in connection therewith, prepare change orders as required. Evaluate and determine the acceptability of substitute materials and equipment proposed by the Contractor. Any substitutions shall first be approved by the CITY.
11. Conduct observation to determine if the work is substantially complete and a final observation with CITY staff to determine if the completed work is acceptable so that CONSULTANT may recommend, in writing, final payment to the Contractor and may give written notice to CITY and the Contractor that the work is acceptable, but any such recommendation and notice will be subject to the limitations expressed in item 7, and the duties imposed under item 8. CONSULTANT and CITY staff will provide a punch list for the Contractor.
12. Review and assemble the operating and maintenance information supplied by the manufacturers of the equipment into a Manufacturers Operations and Maintenance Manual. This task to include both hardcopy and electronic versions.
13. The CONSULTANT will assist CITY in startup of the new facilities. The CONSULTANT will provide up to 24 hours and three (3) trips to the site for startup assistance.
14. Prepare record drawings showing those changes made during construction, based on the marked-up drawings and other data furnished by the Contractor to CONSULTANT and which CONSULTANT considers significant. Provide the CITY with one paper copy (not Mylar) and an electronic copy in .pdf format of the record drawings.

#### C. Resident Observation

The CONSULTANT will provide one part-time Resident Observer throughout the construction period. Resident Observer's responsibilities include the following. Should the construction



period extend beyond the specified time frame, the Resident Observer services shall be subject to negotiation.

1. Up to 80 hours are anticipated and budgeted of part-time resident observation of the work in addition to that included in Task B, Item 8. Nothing in this Agreement shall be construed to mean the CONSULTANT will guarantee any Contractor's faithful performance of his/her contract with CITY.
2. Observe the progress and quality of the work.
3. Determine if the work is proceeding in general conformance with the intent of the contract documents, soliciting input from the CONSULTANT as required.
4. Review Contractor's construction schedule and monthly updates for general compliance with the intent of the Contract Documents, soliciting input from the CONSULTANT as required.
5. Conduct progress meetings (monthly) and distribute minutes.
6. Receive, review, and process monthly payment requests.
7. Answer Contractor questions.
8. Prepare site visit logs, take photos, and prepare monthly status reports to document the progress of the work.
9. Review progress with CITY representatives.
10. Log clarification requests, submittals, and contract modifications.
11. Coordinate the work of laboratories in the inspection and tests of materials and equipment used in construction and then receive and evaluate reports by such laboratories.
12. Prepare punch lists, conduct a final inspection, review contract closeout documentation and recommend final payment to close out the construction contract.
13. Resident shall compile Contractor's as-built markups to prepare record drawings.

## SECTION 2: ITEMS NOT COVERED IN THIS CONTRACT

In addition to the services excluded in the Agreement, the following services are not included in this Supplemental Agreement. If authorized under a new Supplemental Agreement the COMPANY shall furnish or obtain from others the following services:

- A. Material testing and certification services are not anticipated as part of this agreement. Contractor or CLIENT will provide these services as needed.
- B. One bid package is anticipated for this project. Additional bid packages will require a change in scope.
- C. Geotechnical services are not anticipated to be required.
- D. Topographical and utility survey are not anticipated to be required.
- E. Archeological investigations.
- F. Supplemental engineering work required to meet the requirements of regulatory or funding agencies that become effective subsequent to the date of this agreement.
- G. Visits to the construction site in excess of the number of such trips and associated time set forth.
- H. Additional or extended services during construction made necessary by (1) work damaged by fire or other cause during construction, (2) a significant amount of defective or neglected work by any Contractor, (3) default by any Contractor, and (4) failure of the Contractor to complete the work within the construction contract time.
- I. Evaluation of unusually complex or unreasonably numerous claims submitted by Contractor or others in connection with the work.
- J. Property surveys or related engineering services needed for the transfer of interests in real property or easements, engineering surveys, and providing other special field surveys.
- K. Preparation of plats, deeds, easements or other documents, and meetings and negotiations with property owners in securing agreements and executed documents for these property transfers and easements.
- L. Legal services necessary to obtain title, easement, or right-of-way for any elements of the Project.

- M. Other specialty environmental investigations and reports.
- N. Funding assistance can be provided through a supplemental agreement.
- O. An antidegradation alternatives analysis is not anticipated to be required.
- P. Assistance in legal and regulatory actions.

### SECTION 3: CLIENT'S RESPONSIBILITIES

CLIENT shall do the following:

1. Designate a person to act as the CLIENT'S representative with respect to the services to be rendered under this agreement. Such person shall have authority to transmit instructions, receive information, interpret and define CLIENT'S policies and decisions with respect to COMPANY'S services for the Project.
2. Assist COMPANY by placing at COMPANY'S disposal all available information pertinent to the Project including previous reports, plans, specifications, shop drawings, test results, and Operation and Maintenance instructions; also other data relative to design or construction of the Project.
3. Arrange for access to and make all provisions for the COMPANY to enter upon public and private property as required for the COMPANY to perform services under this agreement.
4. Examine all sketches, drawings, specifications, and other documents presented by the COMPANY; obtain advice of an attorney, insurance counselor and other consultants as CLIENT deems appropriate for such examination and render in writing decisions pertaining thereto.
5. Assist in completion and provide information for applications sent to selected funding agencies.
6. The CLIENT will provide copies of all reports, plans, plats, exhibits, and other information of record.
7. The CLIENT will participate in all meetings.
8. The CLIENT will provide legal and accounting services as needed by the project.

### SECTION 4: SCHEDULE:

The COMPANY shall complete the following phases of the Project in accordance with the following schedule:

- A. The draft facility plan will be submitted to the CLIENT within 8 weeks of receipt of signed agreement.
- B. The final facility plan will be submitted to the CLIENT and IDNR within 2 weeks of the CLIENT review meeting and receipt of all review comments.
- C. 50% draft plans, specifications and an updated opinion of cost within 10 weeks from IDNR approval of the facility plan.
- D. Up to 2 weeks are reserved for CLIENT staff review of the 50% plans, specifications and updated opinion of cost.
- E. 90% draft plans, specifications and an updated opinion of cost within 8 weeks from the 50% design review meeting.
- F. Up to 2 weeks are reserved for the CLIENT staff review of the 90% plans, specifications and updated opinion of cost.
- G. 100% final, sealed plans within 6 weeks from the 90% design review meeting.
- H. A 4 week public bidding period is anticipated.
- I. A 15 month construction period is anticipated.

An extension of time of completion with the construction contract requiring construction administration and construction review time beyond the hourly estimates will subject this agreement to re-negotiation.

## Engineering Services Fee (UPDATED)

We appreciate the opportunity to provide this proposal. We have developed a unique approach that includes tasks that we believe are in the best interest of the City to deliver long-term value at the wastewater treatment plant. We recommend the City staff compare not our fee to the competing firms but rather the tasks for the long-term benefit of the City. The proposals will rest assured not be an, “apples-to-apples” comparison. We have provided what the City has requested but also what the IDNR requires to start planning, apply for funding through Clean Water State Revolving Fund (CWSRF), and submit the plan for IDNR approval. If there are elements that the City does not want at this point we can adjust our proposal accordingly. We are providing a proposal that can be used to start negotiations depending on the exact scope that the City desires. We look forward to additional discussions to appropriately scope and deliver this successful project.

Here are a few examples that may differentiate our proposal:

- HR Green has proposed a comparison of new vs rehab of the existing BFP.
- HR Green has proposed assessing the capacity of the BFP to improve run time/operations
- HR Green has proposed using a larger dumpster or trailer to extend BFP run time/operations
- HR Green has proposed visiting up to 3 BFP sites to look at alternative manufacturer technologies and their respective operation.
- HR Green has proposed conducting the initial steps of the SRF design loan process including the IUP application and project initiation meeting with the IDNR, the Consultant and the Engineer.
- HR Green has included developing a draft facility plan, meeting with the City to discuss the draft Facility Plan and finalizing and submitting the final facility plan to IDNR.

Please find below a summary of our Engineering Services fees.

Anamosa WWTP Biosolids Improvements	
Client Kickoff Meeting & WWTP Site Visit	\$1,475
SRF Application - IUP Application Process	\$1,530
IDNR Work Record Request and Schedule A	\$336
IDNR Project Initiation Meeting	\$457
Flow and Loading Summary Including Dewatering	\$2,488
Dewatering Technology Comparison	\$2,108
Develop Opinion of Probable Construction Cost	\$2,136
Develop Draft Facility Plan	\$8,218
Client Review Meeting - Discuss Draft Facility Plan	\$806
Finalize Facility Plan and Submit	\$1,788
QA/QC Review	\$912
<b>Total</b>	<b>\$22,254</b>
Additional - Address Fall Protection in the Filtrate Building	
	<b>\$688</b>
Additional drainage - Low Flow Discharge by Gravity, High River Pumping Discharge	<b>\$1,922</b>
<b>Subtotal - Additional Services Requested</b>	<b>\$2,610</b>

► IT'S NOT OUR GOAL TO BE THE LEAST COST ENGINEERING FIRM BUT INSTEAD, IT IS OUR GOAL TO PROVIDE THE **BEST VALUE** FOR OUR CLIENTS. WE BELIEVE THE APPROACH DESCRIBED ABOVE CAN PROVIDE AN EXCELLENT VALUE TO THE CITY FOR YEARS TO COME.



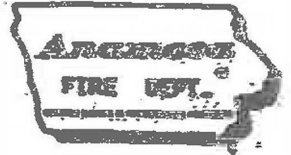


TRANSPORTATION  
+  
WATER  
+  
GOVERNMENTAL SERVICES  
+  
LAND DEVELOPMENT  
+  
ENVIRONMENTAL  
+  
CONSTRUCTION

▷ [HRGREEN.COM](http://HRGREEN.COM)

# Anamosa Fire Department

## Application for Membership



(PLEASE PRINT)

Date of Application 8/23/21

Position(s) Applied For Fire Fighter

Referral Source:

☐

Advertiser

☒

Friend

☐

Relative

☐

Other

Name Ludwig Logan Christopher  
Last First Middle

Address 18427 120<sup>th</sup> St Anamosa IA 52205  
Number Street City State Zip Code

Phone No. (319) 432

Spouse Name Ashlin Ludwig

Does she/he support your applying for the volunteer fire dept?

☒

Yes

☐

No

Does she/he understand you will need to attend extensive training? Have you ever filed an application here before?

☒

Yes

☐

No

Have you ever been a firefighter before?

☐

Yes

☒

No

☒

Yes

☐

No

If yes, what department? Hiawatha / Marion Served under Chief? Nesslage / Krebill

Reason for leaving that department? Hiawatha - Distance, Marion - Still employer

Are you a certified Fire Fighter?

☒

Yes

☐

No

If yes, what level FF I, FF II in 2 mo

Do you have a valid Iowa Drivers License?

☒

Yes

☐

No

Iowa Drivers License

Have You been com \_\_\_\_\_ in the last 3 years?

☐

Yes

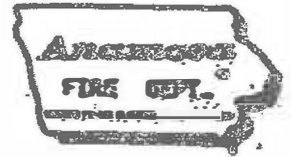
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No

If yes, explain \_\_\_\_\_

# Anamosa Fire Department

## Application for Membership



(PLEASE PRINT)

Date of Application

9/14/21

Position(s) Applied For

Volunteer

Referral Source:

☐

Advertisement

☒

Friend

☐

Relative

☐

Other

Name

Kedde

Valerie

LeAnn

Last

First

Middle

Address

20923

93rd St

Anamosa

IA

52205

Number

Street

City

State

Zip Code

Phone No.

(319) 929-

DOB

Spouse Name

NA

Does she/he support your applying for the volunteer fire dept?

☐

Yes

☐

No

Does she/he understand you will need to attend extensive training?

☐

Yes

☐

No

Have you ever filed an application here before?

☐

Yes

☒

No

Have you ever been a firefighter before?

☐

Yes

☒

No

If yes, what department?

Served under Chief?

Reason for leaving that department?

Are you a certified Fire Fighter?

☐

Yes

☒

No

If yes, what level

Finish FF1 classes on 9/3/21, just need to pass hazmat &

Do you have a valid Iowa Drivers License?

☒

Yes

☐

No

FF1 cert. rec

Iowa Drivers License

Have You been convicted of a moving traffic violation in the last 3 years?

☒

Yes

☐

No

If yes, explain

Speeding ticket, driving while suspended

**CITY OF ANAMOSA**  
**APPROVAL FORM FOR LIQUOR AND BEER LICENSE APPLICATIONS**

Class \_\_\_\_\_ Beer/Liquor  
Sunday: Yes\_\_\_ No\_\_\_  
New/Renewal/Amended  
Circle Appropriate Info.

**NAME OF APPLICANT:** HWKIMAN LLC  
**TRADE NAME (DBA):** McCOMB'S FAMILY RESTAURANT  
**STREET ADDRESS:** 100 CHAMBER DR  
**PHONE (BUSINESS):** 319-462-4200 **HOME (OR CELL):** 563-543-3029

*The undersigned have by the signatures of the officials noted below, certify that the above mentioned structure conforms to all laws within the jurisdictional limits of enforcement of said officials and may receive approval of this application.*

**ANAMOSA POLICE DEPARTMENT**

The above named applicant(s) is approved by this department to have a beer and/or liquor license at the above location.

[Signature] 10/04/21  
Police Chief Date  
Leave form at City Hall after Fire and Health signatures are complete

**ANAMOSA FIRE DEPARTMENT:** Fire Inspection Fee -- \$35.00, includes two inspections. Each inspection after that will be \$25 each. (Make check out to: City of Anamosa)

[Signature] 10/8/21  
Fire Chief (or designee) Date  
Phone: 319-462-4434 for appointment

**JONES COUNTY ENVIRONMENTAL HEALTH DEPARTMENT: (If applicable)**

The above mentioned structure and business is in compliance with the Jones County Board of Health Regulations.

[Signature] 9-13-21  
Jones County Environmental Health Official Date  
Phone: 319-462-4715 for appointment

**PLEASE RETURN FORM TO REENIE AT CITY HALL WHEN COMPLETED**

Received at City Hall 10/11/21 for the 10/25/21 Council Meeting

**CITY OF ANAMOSA**  
**APPROVAL FORM FOR LIQUOR AND BEER LICENSE APPLICATIONS**

Class C Beer/Liquor  
Sunday: Yes X No     
New/Renewal/Amended  
Circle Appropriate Info.

NAME OF APPLICANT: Dink Downing  
TRADE NAME (DBA): TYLER & Downing Eatery  
STREET ADDRESS: 122 East Main St  
PHONE (BUSINESS): 319 462 5533 HOME (OR CELL): 319 210 7955

*The undersigned have by the signatures of the officials noted below, certify that the above mentioned structure conforms to all laws within the jurisdictional limits of enforcement of said officials and may receive approval of this application.*

**ANAMOSA POLICE DEPARTMENT**

The above named applicant(s) is approved by this department to have a beer and/or liquor license at the above location.

[Signature] 10/15/21  
Police Chief Date  
Leave form at City Hall after Fire and Health signatures are complete

**ANAMOSA FIRE DEPARTMENT:** Fire Inspection Fee – \$35.00, includes two inspections. Each inspection after that will be \$25 each. (Make check out to: City of Anamosa)

[Signature] 10/13/21  
Fire Chief (or designee) Date  
Phone: 319-462-4434 for appointment

**JONES COUNTY ENVIRONMENTAL HEALTH DEPARTMENT: (If applicable)**

The above mentioned structure and business is in compliance with the Jones County Board of Health Regulations.

[Signature] 10-14-21  
Jones County Environmental Health Official Date  
Phone: 319-462-4715 for appointment

**PLEASE RETURN FORM TO REENIE AT CITY HALL WHEN COMPLETED**

Received at City Hall 10/14/21 for the 10/25/21 Council Meeting

**CITY OF ANAMOSA**  
**APPROVAL FORM FOR LIQUOR AND BEER LICENSE APPLICATIONS**

Class \_\_\_\_\_ Beer/Liquor  
Sunday: Yes \_\_\_\_\_ No \_\_\_\_\_  
New/Renewal/Amended  
Circle Appropriate Info.

**NAME OF APPLICANT:** Teress Tuetken (Lil-Mae, Inc)

**TRADE NAME (DBA):** Tucker's Tavern

**STREET ADDRESS:** 201 E. Main Street

**PHONE (BUSINESS):** 319 462 9909 **HOME (OR CELL):** 319 821 0909

*The undersigned have by the signatures of the officials noted below, certify that the above mentioned structure conforms to all laws within the jurisdictional limits of enforcement of said officials and may receive approval of this application.*

**ANAMOSA POLICE DEPARTMENT**

The above named applicant(s) is approved by this department to have a beer and/or liquor license at the above location.

[Signature]  
Police Chief

10/20/21  
Date

Leave form at City Hall after Fire and Health signatures are complete

**ANAMOSA FIRE DEPARTMENT:** Fire Inspection Fee -- \$35.00, includes two inspections. Each inspection after that will be \$25 each. (Make check out to: City of Anamosa)

[Signature]

Fire Chief (or designee)

Phone: 319-462-4434 for appointment

10/19/21  
Date

**JONES COUNTY ENVIRONMENTAL HEALTH DEPARTMENT: (If applicable)**

The above mentioned structure and business is in compliance with the Jones County Board of Health Regulations.

[Signature]

Jones County Environmental Health Official

Phone: 319-462-4715 for appointment

9-28-21  
Date

**PLEASE RETURN FORM TO REENIE AT CITY HALL WHEN COMPLETED**

Received at City Hall \_\_\_\_\_ for the \_\_\_\_\_ Council Meeting



City of Anamosa, IA

# Expense Approval Report

## By Vendor Name

Payment Dates 10/12/2021 - 10/26/2021

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
<b>Vendor: 005697 - ACME TOOLS</b>					
ACME TOOLS	17603013-000	10/25/2021	DEWALT TOOL	110-211-6553	439.99
<b>Vendor 005697 - ACME TOOLS Total:</b>					<b>439.99</b>
<b>Vendor: 005147 - AGVANTAGE FS, INC</b>					
AGVANTAGE FS, INC	1027522	10/25/2021	GENERATOR FUEL	610-815-6551	1,158.00
<b>Vendor 005147 - AGVANTAGE FS, INC Total:</b>					<b>1,158.00</b>
<b>Vendor: 000277 - ALLIANT ENERGY</b>					
ALLIANT ENERGY	092821	10/14/2021	STREET LIGHTS MR CRT	121-210-6371	5,096.40
<b>Vendor 000277 - ALLIANT ENERGY Total:</b>					<b>5,096.40</b>
<b>Vendor: 006141 - AMAZON CAPITAL SERVICES</b>					
AMAZON CAPITAL SERVICES	17GQ-KVPH-JX7L	10/25/2021	PRINTER, LABEL MAKER	610-815-6505	543.69
AMAZON CAPITAL SERVICES	1TDF-PW9F-MQVP	10/25/2021	STENO PADS	001-622-6535	26.31
AMAZON CAPITAL SERVICES	101321	10/25/2021	PRINTER	610-815-6505	159.99
AMAZON CAPITAL SERVICES	1M6R-9691-KRWW	10/25/2021	TABLET CASE	600-810-6535	36.88
AMAZON CAPITAL SERVICES	A1OSK7EP214APV	10/25/2021	ETHERNET CABLE	600-810-6536	30.94
<b>Vendor 006141 - AMAZON CAPITAL SERVICES Total:</b>					<b>797.81</b>
<b>Vendor: 005770 - AMAZON</b>					
AMAZON	867435566787	10/18/2021	DVDS	041-410-6501	147.94
AMAZON	546679478939	10/18/2021	FIDGET TOYS	041-410-6537	37.90
<b>Vendor 005770 - AMAZON Total:</b>					<b>185.84</b>
<b>Vendor: 000185 - AUTOMOTIVE SERVICES</b>					
AUTOMOTIVE SERVICES	43081	10/25/2021	SKID LOADER TIRE REPAIR	610-815-6474	35.00
<b>Vendor 000185 - AUTOMOTIVE SERVICES Total:</b>					<b>35.00</b>
<b>Vendor: 000188 - BAKER &amp; TAYLOR</b>					
BAKER & TAYLOR	2036196150	10/18/2021	BOOKS	041-410-6501	66.14
BAKER & TAYLOR	2036212658	10/18/2021	BOOKS	041-410-6501	385.92
BAKER & TAYLOR	2036220197	10/18/2021	BOOKS	041-410-6501	383.23
<b>Vendor 000188 - BAKER &amp; TAYLOR Total:</b>					<b>835.29</b>
<b>Vendor: 005731 - BANOWETZ LUMBER COMPANY INC</b>					
BANOWETZ LUMBER COMPANY...22732		10/25/2021	DRILL BIT	110-211-6553	4.89
<b>Vendor 005731 - BANOWETZ LUMBER COMPANY INC Total:</b>					<b>4.89</b>
<b>Vendor: 000189 - BARD CONCRETE</b>					
BARD CONCRETE	485197	10/25/2021	CONCRETE BLOCK	110-211-6543	240.00
BARD CONCRETE	486577	10/25/2021	SOUTH MAIN ST	110-211-6543	112.50
<b>Vendor 000189 - BARD CONCRETE Total:</b>					<b>352.50</b>
<b>Vendor: 000191 - BARRON MOTOR SUPPLY</b>					
BARRON MOTOR SUPPLY	272661	10/25/2021	ON OFF RED GLOW	110-211-6553	5.28
BARRON MOTOR SUPPLY	272673	10/25/2021	SLIDE TE	110-211-6553	3.10
BARRON MOTOR SUPPLY	CM0000016	10/25/2021	CREDIT RETURN LUBE SPIN ON	110-211-6553	-20.76
BARRON MOTOR SUPPLY	272839	10/25/2021	FOAMING GUNK	110-211-6553	5.58
BARRON MOTOR SUPPLY	272855	10/25/2021	LOADER FILTERS	610-815-6474	174.59
BARRON MOTOR SUPPLY	272884	10/25/2021	LOADER FILTERS	610-815-6474	33.99
<b>Vendor 000191 - BARRON MOTOR SUPPLY Total:</b>					<b>201.78</b>
<b>Vendor: 005272 - BLACK HILLS ENERGY</b>					
BLACK HILLS ENERGY	100521	10/25/2021	MTHLY GAS BILL	001-110-6370	70.00
BLACK HILLS ENERGY	100521	10/25/2021	MTHLY GAS BILL	001-650-6370	35.00
BLACK HILLS ENERGY	100521	10/25/2021	MTHLY GAS BILL	015-150-6370	40.38
BLACK HILLS ENERGY	100521	10/25/2021	MTHLY GAS BILL	044-440-6370	38.58
BLACK HILLS ENERGY	100521	10/25/2021	MTHLY GAS BILL	046-460-6370	85.23
BLACK HILLS ENERGY	100521	10/25/2021	MTHLY GAS BILL	110-211-6370	35.00
BLACK HILLS ENERGY	100521	10/25/2021	MTHLY GAS BILL	600-810-6370	35.00

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Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
BLACK HILLS ENERGY	100521	10/25/2021	MTHLY GAS BILL	610-815-6370	261.10
Vendor 005272 - BLACK HILLS ENERGY Total:					600.29
Vendor: 005100 - BLADE PEST CONTROL					
BLADE PEST CONTROL	090721	10/18/2021	MTHLY PEST CONTROL	041-410-6475	62.00
BLADE PEST CONTROL	100521	10/18/2021	MTHLY PEST CONTROL	041-410-6475	62.00
Vendor 005100 - BLADE PEST CONTROL Total:					124.00
Vendor: 004421 - BROWN SUPPLY CO., INC.					
BROWN SUPPLY CO., INC.	115070	10/25/2021	CARBIDE GUARD	110-211-6544	650.00
Vendor 004421 - BROWN SUPPLY CO., INC. Total:					650.00
Vendor: 005269 - CARROLL DISTRIBUTING & CONSTR					
CARROLL DISTRIBUTING & CON...	MA060946	10/25/2021	EPOXY DOWELL	110-211-6543	67.85
Vendor 005269 - CARROLL DISTRIBUTING & CONSTR Total:					67.85
Vendor: 000395 - CENTURYLINK					
CENTURYLINK	101021	10/25/2021	MTHLY INTERNET	110-211-6373	66.04
Vendor 000395 - CENTURYLINK Total:					66.04
Vendor: 004883 - CHEM RIGHT LABORATORIES INC					
CHEM RIGHT LABORATORIES INC	23505	10/25/2021	TESTING	610-815-6479	20.00
CHEM RIGHT LABORATORIES INC	23521	10/25/2021	TESTING	610-815-6479	20.00
CHEM RIGHT LABORATORIES INC	23540	10/25/2021	MONTHLY BAC T TESTING	600-810-6470	85.00
CHEM RIGHT LABORATORIES INC	23541	10/25/2021	ECOLI TESTING	610-815-6479	20.00
Vendor 004883 - CHEM RIGHT LABORATORIES INC Total:					145.00
Vendor: 000808 - CHEMSEARCH					
CHEMSEARCH	7528570	10/25/2021	ECOSTORM	610-815-6501	150.00
Vendor 000808 - CHEMSEARCH Total:					150.00
Vendor: 000210 - CITIZENS SAVINGS BANK					
CITIZENS SAVINGS BANK	093021	10/25/2021	PAYROLL ACH	001-622-6530	79.70
CITIZENS SAVINGS BANK	093021-1	10/25/2021	ACH UB	600-810-6531	52.22
CITIZENS SAVINGS BANK	093021-1	10/25/2021	ACH UB	610-815-6531	52.23
Vendor 000210 - CITIZENS SAVINGS BANK Total:					184.15
Vendor: 000008 - CITY OF ANAMOSA					
CITY OF ANAMOSA	101521	10/15/2021	PAYROLL TRANSFER	990-000-1110	77,288.84
Vendor 000008 - CITY OF ANAMOSA Total:					77,288.84
Vendor: 003826 - ECICOG					
ECICOG	9433	10/25/2021	CDBG GRANT ADMIN FEE	331-601-6455	862.50
Vendor 003826 - ECICOG Total:					862.50
Vendor: 004526 - ELAN-CARDMEMBER SERVICE					
ELAN-CARDMEMBER SERVICE	905204	10/25/2021	CRITICAL INCIDENT REVIEW CLA...	001-110-6553	1,191.91
ELAN-CARDMEMBER SERVICE	6182932	10/25/2021	WHEN I WORK ANNUAL PAYM...	001-110-6490	422.47
ELAN-CARDMEMBER SERVICE	496268	10/25/2021	WW2 CLASS - WIMS	610-815-6447	130.00
ELAN-CARDMEMBER SERVICE	IOWDNR10514805	10/25/2021	WW2 TEST - WIMS	610-815-6445	30.00
ELAN-CARDMEMBER SERVICE	BBY01-806499242170	10/25/2021	MICROSOFT 365	001-622-6536	149.99
ELAN-CARDMEMBER SERVICE	101321	10/25/2021	WW TEST - YOUNG	610-815-6445	30.00
ELAN-CARDMEMBER SERVICE	INV113543686	10/25/2021	MONTHLY FEE - ZOOM	001-622-6430	29.98
Vendor 004526 - ELAN-CARDMEMBER SERVICE Total:					1,984.35
Vendor: 005469 - EMC INSURANCE					
EMC INSURANCE	Z01584341	10/25/2021	DEDUCTIBLE	001-110-6417	1,000.00
EMC INSURANCE	Z1641612	10/25/2021	DEDUCTIBLE	001-110-6417	1,000.00
Vendor 005469 - EMC INSURANCE Total:					2,000.00
Vendor: 006279 - EMPLOYEE GROUP SERVICES LTD					
EMPLOYEE GROUP SERVICES LTD	101521	10/25/2021	GROUP INSURANCE ADMIN FEE	001-110-6155	52.50
EMPLOYEE GROUP SERVICES LTD	101521	10/25/2021	GROUP INSURANCE ADMIN FEE	001-210-6155	43.75
EMPLOYEE GROUP SERVICES LTD	101521	10/25/2021	GROUP INSURANCE ADMIN FEE	001-622-6155	26.25
EMPLOYEE GROUP SERVICES LTD	101521	10/25/2021	GROUP INSURANCE ADMIN FEE	041-410-6155	35.00
EMPLOYEE GROUP SERVICES LTD	101521	10/25/2021	GROUP INSURANCE ADMIN FEE	600-810-6155	26.25
EMPLOYEE GROUP SERVICES LTD	101521	10/25/2021	GROUP INSURANCE ADMIN FEE	610-815-6155	17.50
Vendor 006279 - EMPLOYEE GROUP SERVICES LTD Total:					201.25



## Expense Approval Report

Payment Dates: 10/12/2021 - 10/26/2021

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
<b>Vendor: 004334 - FAREWAY STORES, INC.</b>					
FAREWAY STORES, INC.	00009747	10/25/2021	PAPER TOWELS / TP	001-622-6530	91.96
FAREWAY STORES, INC.	00009747	10/25/2021	PAPER TOWELS / TP	110-211-6530	460.73
FAREWAY STORES, INC.	00009747	10/25/2021	PAPER TOWELS / TP	600-810-6530	460.73
FAREWAY STORES, INC.	00009747	10/25/2021	PAPER TOWELS / TP	610-815-6530	460.73
FAREWAY STORES, INC.	00006661	10/25/2021	DISTILLED WATER	610-815-6501	17.82
<b>Vendor 004334 - FAREWAY STORES, INC. Total:</b>					<b>1,491.97</b>
<b>Vendor: 000703 - HACH COMPANY</b>					
HACH COMPANY	12668171	10/25/2021	ALKALINE CYANIDE	600-810-6501	52.38
HACH COMPANY	12683364	10/25/2021	WATER TEST KITS	600-810-6501	51.49
<b>Vendor 000703 - HACH COMPANY Total:</b>					<b>103.87</b>
<b>Vendor: 006056 - HUNT/TYLER</b>					
HUNT/TYLER	092021	10/25/2021	MEALS & MILEAGE REIMBURS...	001-110-6446	567.38
<b>Vendor 006056 - HUNT/TYLER Total:</b>					<b>567.38</b>
<b>Vendor: 005694 - IIMC</b>					
IIMC	092121	10/25/2021	ANNUAL MEMBERSHIP FEE	001-622-6430	175.00
<b>Vendor 005694 - IIMC Total:</b>					<b>175.00</b>
<b>Vendor: 000096 - IOWA ASSOC. OF MUNICIPAL UTIL.</b>					
IOWA ASSOC. OF MUNICIPAL UT..24480		10/25/2021	DUES OCT-DEC 2021	110-211-6450	1,513.34
IOWA ASSOC. OF MUNICIPAL UT..24480		10/25/2021	DUES OCT-DEC 2021	600-810-6411	1,513.35
IOWA ASSOC. OF MUNICIPAL UT..24480		10/25/2021	DUES OCT-DEC 2021	610-815-6411	1,513.35
<b>Vendor 000096 - IOWA ASSOC. OF MUNICIPAL UTIL. Total:</b>					<b>4,540.04</b>
<b>Vendor: 003600 - IOWA LAW ENFORCEMENT ACADEMY</b>					
IOWA LAW ENFORCEMENT AC...	319341	10/25/2021	TRAINING	001-110-6447	625.00
<b>Vendor 003600 - IOWA LAW ENFORCEMENT ACADEMY Total:</b>					<b>625.00</b>
<b>Vendor: 003211 - IOWA ONE CALL</b>					
IOWA ONE CALL	234917	10/25/2021	LOCATES	600-810-2901	30.25
IOWA ONE CALL	234917	10/25/2021	LOCATES	610-815-2901	30.25
<b>Vendor 003211 - IOWA ONE CALL Total:</b>					<b>60.50</b>
<b>Vendor: 000075 - IOWA PRISON INDUSTRIES</b>					
IOWA PRISON INDUSTRIES	030047	07/31/2021	NO PARKING SIGNS	110-210-6512	59.85
IOWA PRISON INDUSTRIES	030295	10/25/2021	SIGNS	110-210-6512	112.55
IOWA PRISON INDUSTRIES	370236	10/25/2021	UNIFORM PANTS	600-810-6181	350.46
<b>Vendor 000075 - IOWA PRISON INDUSTRIES Total:</b>					<b>522.86</b>
<b>Vendor: 005397 - JETCO INC</b>					
JETCO INC	16651	10/25/2021	HIGH PRESSURE ZONE	600-810-6472	988.00
<b>Vendor 005397 - JETCO INC Total:</b>					<b>988.00</b>
<b>Vendor: 000387 - JOHN DEERE FINANCIAL</b>					
JOHN DEERE FINANCIAL	4036402	10/25/2021	DEHUMIDIFIER	001-110-6476	195.49
JOHN DEERE FINANCIAL	4048625	10/25/2021	NUTS & BOLTS	610-815-6470	0.29
JOHN DEERE FINANCIAL	4049357	10/25/2021	BOLTS, NUTS, WASHER	110-211-6553	1.67
JOHN DEERE FINANCIAL	4051044	10/25/2021	PAINT, BOLTS, FUSES	110-211-6553	40.53
JOHN DEERE FINANCIAL	4051097	10/25/2021	DRILL BITS	110-211-6553	9.28
JOHN DEERE FINANCIAL	4051994	10/25/2021	ANCHOR, PLASTIC, KIT LCC RES...	046-460-6475	5.99
JOHN DEERE FINANCIAL	4052017	10/25/2021	RECIEVER HITCH PINS	610-815-6474	10.77
JOHN DEERE FINANCIAL	4052389	10/25/2021	NUTS	110-211-6553	0.92
JOHN DEERE FINANCIAL	4052518	10/25/2021	JACKET LIN BOMB	110-211-6181	54.99
<b>Vendor 000387 - JOHN DEERE FINANCIAL Total:</b>					<b>319.93</b>
<b>Vendor: 006386 - JOURNAL-EUREKA</b>					
JOURNAL-EUREKA	100821	10/25/2021	NEWSPAPER SUBSCRIPTION	001-622-6430	49.00
<b>Vendor 006386 - JOURNAL-EUREKA Total:</b>					<b>49.00</b>
<b>Vendor: 005637 - KEVIN'S A-1 VACCUM</b>					
KEVIN'S A-1 VACCUM	17334	10/18/2021	VACUUM BAGS	041-410-6540	27.80
<b>Vendor 005637 - KEVIN'S A-1 VACCUM Total:</b>					<b>27.80</b>

## Expense Approval Report

Payment Dates: 10/12/2021 - 10/26/2021

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
<b>Vendor: 001068 - KOCH OFFICE GROUP</b>					
KOCH OFFICE GROUP	INV419462	10/18/2021	QRTLY COPIER CONTRACT	041-410-6471	377.54
<b>Vendor 001068 - KOCH OFFICE GROUP Total:</b>					<b>377.54</b>
<b>Vendor: 005364 - KONICA MINOLTA BUSINESS SOLUTI</b>					
KONICA MINOLTA BUSINESS SO...	275877497	10/25/2021	COPIER METER CHARGE	001-622-6470	81.00
<b>Vendor 005364 - KONICA MINOLTA BUSINESS SOLUTI Total:</b>					<b>81.00</b>
<b>Vendor: 005907 - KONICA PREMIER FINANCE</b>					
KONICA PREMIER FINANCE	38634625	10/25/2021	MTHLY COPIER LEASE	001-622-6470	151.64
<b>Vendor 005907 - KONICA PREMIER FINANCE Total:</b>					<b>151.64</b>
<b>Vendor: 001186 - LAWSON PRODUCTS, INC.</b>					
LAWSON PRODUCTS, INC.	9308794022	10/25/2021	PARTS, BATTERIES, BRASS	110-211-6553	244.98
<b>Vendor 001186 - LAWSON PRODUCTS, INC. Total:</b>					<b>244.98</b>
<b>Vendor: 006042 - LEAF</b>					
LEAF	12414531	10/18/2021	MTHLY COPIER LEASE	041-410-6471	96.00
<b>Vendor 006042 - LEAF Total:</b>					<b>96.00</b>
<b>Vendor: 006123 - LYNCH DALLAS, P.C.</b>					
LYNCH DALLAS, P.C.	191524	10/25/2021	GENERAL LEGAL	001-640-6455	2,951.50
LYNCH DALLAS, P.C.	191525	10/25/2021	HUMAN RESOURCES	001-640-6455	82.50
LYNCH DALLAS, P.C.	191526	10/25/2021	NUISANCE	001-110-6411	87.00
LYNCH DALLAS, P.C.	191527	10/25/2021	POLICE MATTERS - PROSECUTI...	001-110-6411	257.76
<b>Vendor 006123 - LYNCH DALLAS, P.C. Total:</b>					<b>3,378.76</b>
<b>Vendor: 005346 - MAQUOKETA VALLEY ELECTRIC COOP</b>					
MAQUOKETA VALLEY ELECTRIC ...	100821	10/25/2021	INDUSTRIAL PARK LIGHTS	122-210-6372	52.80
MAQUOKETA VALLEY ELECTRIC ...	101521	10/25/2021	INTERNET SERVICE	600-810-6535	139.85
<b>Vendor 005346 - MAQUOKETA VALLEY ELECTRIC COOP Total:</b>					<b>192.65</b>
<b>Vendor: 006152 - MARTIN GARDNER ARCHITECTURE</b>					
MARTIN GARDNER ARCHITECT...	32	10/25/2021	DOWNTOWN FACADE	331-600-6490	534.77
<b>Vendor 006152 - MARTIN GARDNER ARCHITECTURE Total:</b>					<b>534.77</b>
<b>Vendor: 004769 - MEDIACOM</b>					
MEDIACOM	092021	10/25/2021	INTERNET - PD	001-110-6480	74.49
MEDIACOM	100721	10/25/2021	INTERNET	015-150-6373	166.04
<b>Vendor 004769 - MEDIACOM Total:</b>					<b>240.53</b>
<b>Vendor: 005982 - MIDWEST TAPE</b>					
MIDWEST TAPE	501069147	10/18/2021	DIGITAL MATERIALS	122-410-6725	91.12
<b>Vendor 005982 - MIDWEST TAPE Total:</b>					<b>91.12</b>
<b>Vendor: 003950 - MISSISSIPPI VALLEY PUMP, INC.</b>					
MISSISSIPPI VALLEY PUMP, INC.	13904	10/25/2021	FLOAT REPLACEMENT	610-815-6472	270.00
<b>Vendor 003950 - MISSISSIPPI VALLEY PUMP, INC. Total:</b>					<b>270.00</b>
<b>Vendor: 006276 - MORTON SALT, INC</b>					
MORTON SALT, INC	5402417379	10/25/2021	BULK SAFE-T-SALT	110-211-6544	5,692.70
<b>Vendor 006276 - MORTON SALT, INC Total:</b>					<b>5,692.70</b>
<b>Vendor: 005835 - QC ANALYTICAL SERVICES LLC</b>					
QC ANALYTICAL SERVICES LLC	2110051	10/25/2021	MONTHLY TESTING	610-815-6479	2,468.85
<b>Vendor 005835 - QC ANALYTICAL SERVICES LLC Total:</b>					<b>2,468.85</b>
<b>Vendor: 003106 - RATHJE CONSTRUCTION CO.</b>					
RATHJE CONSTRUCTION CO.	22096	10/25/2021	STORM SEWER OLD DUBUQUE ...	122-210-6757	24,900.00
<b>Vendor 003106 - RATHJE CONSTRUCTION CO. Total:</b>					<b>24,900.00</b>
<b>Vendor: 004846 - SADLER POWER TRAIN</b>					
SADLER POWER TRAIN	0310155072	10/25/2021	TOTAL POWER 32 OZ	110-211-6553	150.00
SADLER POWER TRAIN	0110308903	10/25/2021	HYDRAULIC PUMP	110-211-6553	366.64
<b>Vendor 004846 - SADLER POWER TRAIN Total:</b>					<b>516.64</b>
<b>Vendor: 003236 - STAR EQUIPMENT LTD.</b>					
STAR EQUIPMENT LTD.	565066	10/25/2021	DIAMOND BLADE	110-211-6553	134.00
<b>Vendor 003236 - STAR EQUIPMENT LTD. Total:</b>					<b>134.00</b>

## Expense Approval Report

Payment Dates: 10/12/2021 - 10/26/2021

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
<b>Vendor: 000694 - STOREY KENWORTHY</b>					
STOREY KENWORTHY	PINV939675	10/25/2021	TAPE DISPENSER	001-622-6535	4.76
<b>Vendor 000694 - STOREY KENWORTHY Total:</b>					<b>4.76</b>
<b>Vendor: 000740 - TAPKEN'S CONVENIENCE PLUS</b>					
TAPKEN'S CONVENIENCE PLUS	4002	10/01/2021	FUEL	043-430-6551	440.61
TAPKEN'S CONVENIENCE PLUS	4002	10/01/2021	FUEL	110-211-6551	262.78
<b>Vendor 000740 - TAPKEN'S CONVENIENCE PLUS Total:</b>					<b>703.39</b>
<b>Vendor: 004654 - TRANSWORLD NETWORK, CORP</b>					
TRANSWORLD NETWORK, CORP	15167994-8580	10/25/2021	MTHLY PHONE CHARGES	001-110-6373	16.61
TRANSWORLD NETWORK, CORP	15167994-8580	10/25/2021	MTHLY PHONE CHARGES	001-622-6373	56.97
TRANSWORLD NETWORK, CORP	15167994-8580	10/25/2021	MTHLY PHONE CHARGES	015-150-6373	2.99
TRANSWORLD NETWORK, CORP	15167994-8580	10/25/2021	MTHLY PHONE CHARGES	043-430-6373	5.14
TRANSWORLD NETWORK, CORP	15167994-8580	10/25/2021	MTHLY PHONE CHARGES	044-440-6373	1.23
TRANSWORLD NETWORK, CORP	15167994-8580	10/25/2021	MTHLY PHONE CHARGES	110-211-6373	2.46
TRANSWORLD NETWORK, CORP	15167994-8580	10/25/2021	MTHLY PHONE CHARGES	600-810-6373	2.46
TRANSWORLD NETWORK, CORP	15167994-8580	10/25/2021	MTHLY PHONE CHARGES	610-815-6373	1.23
<b>Vendor 004654 - TRANSWORLD NETWORK, CORP Total:</b>					<b>89.09</b>
<b>Vendor: 000393 - TREASURER STATE OF IOWA</b>					
TREASURER STATE OF IOWA	101521	10/15/2021	WET TAX	600-810-6491	4,738.00
TREASURER STATE OF IOWA	101521TX	10/15/2021	SALES TAX	044-440-6491	66.00
TREASURER STATE OF IOWA	101521TX	10/15/2021	SALES TAX	044-440-6493	11.00
TREASURER STATE OF IOWA	101521TX	10/15/2021	SALES TAX	610-815-6491	936.00
TREASURER STATE OF IOWA	101521TX	10/15/2021	SALES TAX	610-815-6493	156.00
<b>Vendor 000393 - TREASURER STATE OF IOWA Total:</b>					<b>5,907.00</b>
<b>Vendor: 006236 - TRICON GENERAL CONSTRUCTION</b>					
TRICON GENERAL CONSTRUCTI... 4		10/25/2021	DOWNTOWN FACADE PROJECT	331-600-6555	106,837.78
<b>Vendor 006236 - TRICON GENERAL CONSTRUCTION Total:</b>					<b>106,837.78</b>
<b>Vendor: 005701 - TRUCK COUNTRY OF CEDAR RAPIDS</b>					
TRUCK COUNTRY OF CEDAR RAP..X103477796		10/25/2021	TEE	110-211-6552	1.37
<b>Vendor 005701 - TRUCK COUNTRY OF CEDAR RAPIDS Total:</b>					<b>1.37</b>
<b>Vendor: 000359 - US POSTMASTER</b>					
US POSTMASTER	101521	10/15/2021	UB POSTAGE	600-810-6508	312.56
US POSTMASTER	101521	10/15/2021	UB POSTAGE	610-815-6508	312.56
<b>Vendor 000359 - US POSTMASTER Total:</b>					<b>625.12</b>
<b>Vendor: 005703 - VISA</b>					
VISA	47306	10/18/2021	BREAKOUT KIT	041-410-6537	147.33
<b>Vendor 005703 - VISA Total:</b>					<b>147.33</b>
<b>Vendor: 000398 - WALMART COMMUNITY CARD</b>					
WALMART COMMUNITY CARD	7905	10/18/2021	SOAP	041-410-6540	10.41
WALMART COMMUNITY CARD	02432	10/25/2021	KEYS	001-110-6535	4.00
WALMART COMMUNITY CARD	3745	10/18/2021	SNACKS	041-410-6537	11.26
WALMART COMMUNITY CARD	9584	10/18/2021	PAINT	041-410-6537	9.70
WALMART COMMUNITY CARD	4328	10/18/2021	PAINT, PUMPKINS, APPLE BARR...	041-410-6537	158.25
WALMART COMMUNITY CARD	24222056	10/25/2021	ROUTER	600-810-6536	59.50
WALMART COMMUNITY CARD	24222056	10/25/2021	ROUTER	610-815-6536	59.50
<b>Vendor 000398 - WALMART COMMUNITY CARD Total:</b>					<b>312.62</b>
<b>Vendor: 004582 - WAPSI WASTE SERICE, INC.</b>					
WAPSI WASTE SERICE, INC.	3718	10/25/2021	TRASH PICKUP	001-650-6474	347.00
WAPSI WASTE SERICE, INC.	3718	10/25/2021	TRASH PICKUP	015-150-6475	45.00
WAPSI WASTE SERICE, INC.	3718	10/25/2021	TRASH PICKUP	610-815-6523	45.00
WAPSI WASTE SERICE, INC.	3737	10/25/2021	TRASH PICKUP	600-810-6540	55.00
<b>Vendor 004582 - WAPSI WASTE SERICE, INC. Total:</b>					<b>492.00</b>
<b>Vendor: 003989 - WEBER STONE COMPANY</b>					
WEBER STONE COMPANY	0192535-IN	10/25/2021	ROAD ROCK	610-815-6472	282.52
<b>Vendor 003989 - WEBER STONE COMPANY Total:</b>					<b>282.52</b>
<b>Grand Total:</b>					<b>257,677.28</b>

## Report Summary

## Fund Summary

Fund	Expense Amount	Payment Amount
001 - GENERAL FUND	9,946.92	122.50
015 - FIRE SERVICE	254.41	0.00
041 - LIBRARY FUND	2,018.42	2,018.42
043 - PARKS & RECREATION	445.75	440.61
044 - AQUA COURT	116.81	77.00
046 - LAWRENCE COMMUNITY CENTER FUND	91.22	0.00
110 - ROAD USE TAX	10,718.26	322.63
121 - LOCAL OPTION TAX 35%	5,096.40	5,096.40
122 - LOCAL OPTION TAX 65%	25,043.92	91.12
331 - DOWNTOWN PROJECTS/PROGRAMS	108,235.05	0.00
600 - WATER FUND	9,020.32	5,076.81
610 - WASTEWATER FUND	9,400.96	1,422.06
990 - PAYROLL CLEARING	77,288.84	77,288.84
<b>Grand Total:</b>	<b>257,677.28</b>	<b>91,956.39</b>

## Account Summary

Account Number	Account Name	Expense Amount	Payment Amount
001-110-6155	SELF FUNDED HEALTH INS	52.50	52.50
001-110-6370	UTILITIES, GAS	70.00	0.00
001-110-6373	UTILITIES, TELEPHONE	16.61	0.00
001-110-6411	PROFESSIONAL SERVICES, ...	344.76	0.00
001-110-6417	E & O LIABILITY INSURAN...	2,000.00	0.00
001-110-6446	TRAVEL EXPENSES	567.38	0.00
001-110-6447	TRAINING EXPENSES	625.00	0.00
001-110-6476	MAINTENANCE, OFFICE	195.49	0.00
001-110-6480	COMPUTER INTERNET SVS	74.49	0.00
001-110-6490	SOFTWARE MAINT CONT...	422.47	0.00
001-110-6535	SUPPLIES, OFFICE	4.00	0.00
001-110-6553	MISCELLANEOUS EXPENS...	1,191.91	0.00
001-210-6155	SELF FUNDED HEALTH INS	43.75	43.75
001-622-6155	SELF FUNDED HEALTH INS	26.25	26.25
001-622-6373	UTILITIES, TELEPHONE	56.97	0.00
001-622-6430	MEMBERSHIP DUES & SU...	253.98	0.00
001-622-6470	MAINT. CONTRACT OFFICE..	232.64	0.00
001-622-6530	SUPPLIES, OPERATIONS	171.66	0.00
001-622-6535	SUPPLIES/NONCAP EQUIP...	31.07	0.00
001-622-6536	SUPPLIES, COMPUTER	149.99	0.00
001-640-6455	CONTRACTS, GEN. CITY A...	3,034.00	0.00
001-650-6370	UTILITIES, GAS	35.00	0.00
001-650-6474	MAINTENANCE, BLDGS &...	347.00	0.00
015-150-6370	UTILITIES, GAS	40.38	0.00
015-150-6373	UTILITIES, TELEPHONE	169.03	0.00
015-150-6475	MAINTENANCE, GROUND...	45.00	0.00
041-410-6155	SELF FUNDED HEALTH INS	35.00	35.00
041-410-6471	MAINTENANCE, COPIER	473.54	473.54
041-410-6475	MAINTENANCE, BLDGS &...	124.00	124.00
041-410-6501	BOOKS AND PERIODICALS	983.23	983.23
041-410-6537	SUPPLIES, CHILDRENS PR...	364.44	364.44
041-410-6540	SUPPLIES, BLDGS. & GRO...	38.21	38.21
043-430-6373	UTILITIES, TELEPHONE	5.14	0.00
043-430-6551	FUEL EXPENSE	440.61	440.61
044-440-6370	UTILITIES, GAS	38.58	0.00
044-440-6373	UTILITIES, TELEPHONE	1.23	0.00
044-440-6491	SALES TAXES PAID	66.00	66.00
044-440-6493	LOCAL OPTION SALES TAX...	11.00	11.00
046-460-6370	UTILITIES, GAS	85.23	0.00
046-460-6475	MAINTENANCE, BLDGS &...	5.99	0.00

## Account Summary

Account Number	Account Name	Expense Amount	Payment Amount
110-210-6512	TRAFFIC SIGNS AND MAT...	172.40	59.85
110-211-6181	ALLOWANCE, UNIFORM	54.99	0.00
110-211-6370	UTILITIES, GAS	35.00	0.00
110-211-6373	UTILITIES, TELEPHONE	68.50	0.00
110-211-6450	SAFETY COUNCIL	1,513.34	0.00
110-211-6530	SUPPLIES, OPERATIONS	460.73	0.00
110-211-6543	SUPPLIES, STREET MAINT...	420.35	0.00
110-211-6544	SUPPLIES, SNOW & ICE R...	6,342.70	0.00
110-211-6551	VEHICLE FUEL EXPENSES	262.78	262.78
110-211-6552	VEHICLE PARTS EXPENSES	1.37	0.00
110-211-6553	MISCELLANEOUS SUPPLIES	1,386.10	0.00
121-210-6371	STREET LIGHT INSTALLATI...	5,096.40	5,096.40
122-210-6372	ELECTRIC UTILITIES, ST LI...	52.80	0.00
122-210-6757	STORM SEWER IMPROVE...	24,900.00	0.00
122-410-6725	EQUIPMENT	91.12	91.12
331-600-6490	PROFESSIONAL SVS	534.77	0.00
331-600-6555	CONSTRUCTION	106,837.78	0.00
331-601-6455	GENERAL CONTRACTS	862.50	0.00
600-810-2901	ACCOUNTS PAYABLE	30.25	0.00
600-810-6155	SELF FUNDED HEALTH INS	26.25	26.25
600-810-6181	ALLOWANCE, UNIFORM	350.46	0.00
600-810-6370	UTILITIES, GAS	35.00	0.00
600-810-6373	UTILITIES, TELEPHONE	2.46	0.00
600-810-6411	PROFESSIONAL SERVICES, ...	1,513.35	0.00
600-810-6470	PROF. SERVICES - TESTING	85.00	0.00
600-810-6472	MAINTENANCE, SYSTEM	988.00	0.00
600-810-6491	SALES TAXES PAID	4,738.00	4,738.00
600-810-6501	CHEMICALS	103.87	0.00
600-810-6508	SUPPLIES, POSTAGE	312.56	312.56
600-810-6530	SUPPLIES, OPERATIONS	460.73	0.00
600-810-6531	SUPPLIES, BILLING	52.22	0.00
600-810-6535	SUPPLIES, OFFICE	176.73	0.00
600-810-6536	SUPPLIES, COMPUTER	90.44	0.00
600-810-6540	SUPPLIES, BLDGS. & GRO...	55.00	0.00
610-815-2901	ACCOUNTS PAYABLE	30.25	0.00
610-815-6155	SELF FUNDED HEALTH INS	17.50	17.50
610-815-6370	UTILITIES, GAS	261.10	0.00
610-815-6373	UTILITIES, TELEPHONE	1.23	0.00
610-815-6411	PROFESSIONAL SERVICES, ...	1,513.35	0.00
610-815-6445	TRAINING, REGISTRATION	60.00	0.00
610-815-6447	TRAINING EXPENSES	130.00	0.00
610-815-6470	MAINTENANCE, EQUIPM...	0.29	0.00
610-815-6472	MAINTENANCE, SYSTEM	552.52	0.00
610-815-6474	MAINTENANCE, VEHICLE	254.35	0.00
610-815-6479	PROF. SERVICES - TESTING	2,528.85	0.00
610-815-6491	SALES TAXES PAID	936.00	936.00
610-815-6493	LOCAL OPTION SALES TAX...	156.00	156.00
610-815-6501	CHEMICALS	167.82	0.00
610-815-6505	EQUIPMENT, OFFICE	703.68	0.00
610-815-6508	SUPPLIES, POSTAGE	312.56	312.56
610-815-6523	EQUIPMENT, BLDG. MAIN...	45.00	0.00
610-815-6530	OPERATIONS SUPPLIES	460.73	0.00
610-815-6531	SUPPLIES, BILLING	52.23	0.00
610-815-6536	SUPPLIES, COMPUTER	59.50	0.00
610-815-6551	FUEL EXPENSE	1,158.00	0.00
990-000-1110	CASH ACCOUNT	77,288.84	77,288.84
	<b>Grand Total:</b>	<b>257,677.28</b>	<b>91,956.39</b>

## Project Account Summary

Project Account Key	Expense Amount	Payment Amount
**None**	257,677.28	91,956.39
Grand Total:	257,677.28	91,956.39