



CITY COUNCIL MEETING NOTICE

HUXLEY CITY HALL – COUNCIL CHAMBERS – 515 N. MAIN AVENUE
TUESDAY SEPTEMBER 22, 2020 6:00 P.M.

AGENDA

1. ROLL CALL
2. APPROVE AGENDA AS PRESENTED AND/OR AMENDED
3. **PRESENTATION/RECOGNITION** Certifications for Firefighter Megan Brendeland and Firefighter/EMT Jenn Buckham
4. **PUBLIC COMMENT (5 MINUTE TIME LIMIT FOR ITEMS NOT ON THIS AGENDA)**
5. **PUBLIC HEARINGS**
6. **CONSENT AGENDA** – *These are routine business items and will be acted upon by one Roll Call Vote without separate discussion unless a Councilmember or citizen requests an item to be removed or considered separately.*
 - a. Approve Minutes from September 8 Regular Meeting
 - b. Approve Payment of Bills
 - c. Approve Resolution No. 20-090 Cambridge Law Enforcement Contract
 - d. Motion to Approve Posting Position for New Police Officer
 - e. Approve Resolution No-2091 Approving Fiscal Year 2020 Balance Transfers
7. **BUSINESS ITEMS**
 - a. Approve Resolution No. 20-092 to Move Forward with the Water Treatment Facility Expansion Project and Finalizing Project Financing
 - b. Approve Resolution No. 20-093 Contract for Professional Engineering Services with Veenstra & Kimm, Inc. for the Water Treatment Facility Expansion Project
8. **INFORMATIONAL ITEMS**
9. **CITY ADMINISTRATOR AND DIRECTOR REPORTS**
10. **MAYOR AND COUNCIL REPORTS**
11. **ADJOURNMENT**
12. **WORKSESSION**

UPCOMING WORK SESSION TOPICS

Capital Improvement Plan (CIP)
Main Street Revitalization
Zoning Ordinance Review and Amendments
Follow Up on Low-Moderate Income Fund Uses
Other Items of Interest to City Council from Working List

For more information on this and other agenda items, please call the City Clerk's Office at 515-597-2561 or visit the Clerk's Office, City Administration Building at 515 N. Main Ave. Council agendas are available to the public at the City Clerk's Office on

Monday morning preceding Tuesday's council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email.

HUXLEY CITY COUNCIL MEETING MINUTES

Tuesday, September 8, 2020

These minutes are as recorded by the City Clerk and are subject to City Council approval at the next regular council meeting.

COUNCIL MEETING: The Huxley City Council met on the above date pursuant to rules of the council, notice posted at City Hall, onto website and emailed to news media. Mayor Kevin Deaton called the meeting to order at 6:00 pm.

ROLL CALL: Kuhn, Mulder, Roberts, Peterson, Easter

AGENDA APPROVAL: Motion by Peterson, second by Mulder to approve agenda as presented. Roll Call: Mulder, Kuhn, Roberts, Peterson, Easter voted yes. Motion carried.

CITY STAFF PRESENT: Rita Conner – City Administrator, Jolene Lettow – City Clerk, Gerry Stoll – Police Chief, Keith Vitzthum – Asst. Public Work Director, Todd Moomaw – Fire Chief, Cathy Van Maanen -Library Director

CONSULTANTS PRESENT: Forrest Aldrich - City Engineer/Veenstra & Kimm, Chip Schultz – Northland Public Finance

CONSENT AGENDA:

Motion by Roberts, second by Peterson to approve Consent Agenda as listed:

- a. Corrected Minutes from August 25, 2020 Regular City Council Meeting and September 1, 2020 Special Council Meeting
- b. Payment of Bills
- c. Resolution No. 20-085 Requesting Reimbursement from the Iowa Covid 19 Governmental Relief Fund
- d. Resolution No. 20-086 Payment Estimate No. 3 for Heart of Iowa Nature Trail Project
- e. Resolution No. 20-087 Payment Estimate No. 2 for 560th Paving Project
- f. Resolution No. 20-088 Initiate Process for Sale of Excess City Right-of-Way

Roll Call: Roberts, Mulder, Kuhn, Peterson, Easter voted yes. Motion carried.

INFORMATIONAL ITEMS:

Motion – Mulder, second – Roberts on Resolution No. 20-089 Amended Development Agreement with Westview Heights Phase II, LLC. Roll Call: Easter, Peterson, Kuhn, Mulder voted no; Roberts voted yes. Motion failed.

ADJOURNMENT: Motion by Easter, second by Peterson to adjourn meeting at 7:18pm. 5 ayes, 0 nays. Motion carried.

WORK SESSION: Mayor opened meeting at 7:30pm.

Council discussed Water Expansion Project. Updates on planning, population, mapping and financing scenarios were provided by city engineer and finance consultant.

ADJOURNMENT: Motion by Easter, second by Peterson to adjourn meeting at 8:57pm. 4 ayes, 0 nays. (Roberts left at 8:45pm). Motion carried.

Submitted by: Jolene R. Lettow, City Clerk

9-22-20 Council

	A	B	C
1	VENDOR NAME	DESCRIPTION	GROSS AMOUNT
2	ANKENY SANITATION	CITY BUILDING TRASH PICKUP	\$ 257.94
3	BAKER & TAYLOR ENTERTAINME	BOOKS	\$ 322.91
4	BAKER GROUP	REPLACE CONTACTORS AT WWTP	\$ 1,067.52
5	BOUND TREE MEDICAL	MEDICAL SUPPLIES	\$ 1.50
6	BROWN SUPPLY CO. INC.	CURB BOX AND COPPER DISC	\$ 98.00
7	BUD'S AUTO REPAIR INC	PD VEHICLES SERVICED	\$ 1,060.47
8	CALIBER CONCRETE LLC	HOINT PAVING PAY ESTIMATE	\$ 23,393.77
9	CAPITAL CITY EQUIPMENT CO.	SUPPLIES	\$ 131.02
10	CHITTY GARBAGE SERVICE INC	FIRE STATION TRASH PICKUP	\$ 25.68
11	COMPASS MINERALS AMERICA	COARSE ROCK SALT	\$ 3,654.65
12	CONCRETE TECHNOLOGIES	560TH AVE PAVING PAY ESTIMATE	\$ 823,106.36
13	DEMCO	BOOK PROCESSING MATERIALS	\$ 220.48
14	EMERGENCY MEDICAL PRODUCTS	MEDICAL SUPPLIES	\$ 146.48
15	GALLS, LLC- DBA CARPENTER	PD UNIFORM PARTS	\$ 330.78
16	GREEN EAGLE WASTE SOLUTION	DUMPSTERS FOR STORM DAMAGE	\$ 9,851.28
17	HACH COMPANY	WASTE WATER TREATMENT CHEMICALS	\$ 428.50
18	HOMES BY ADVANTAGE LLC	BUILDING PERMIT DEPOSIT REFUND	\$ 1,000.00
19	INLAND TRUCK PARTS COMPANY	REPAIR DUE TO STORM DAMAGE	\$ 302.40
20	INTERNAL REVENUE SERVICE	PAYROLL TAXES	\$ 11,941.90
21	INTERSTATE BATTERIES	BATTERY	\$ 105.95
22	INTERSTATE POWER SYSTEMS,	GENERATOR FOR NORTH LIFT STATION	\$ 18,000.00
23	IOWA DOT	POSTS & SIGNS	\$ 2,068.00
24	IOWA SIGNAL INC.	STORM DAMAGE REPAIR	\$ 2,412.00
25	JOHNSON SALES AND SERVICE,	WATER PUMP	\$ 250.00
26	LIZ PETERSON	SAFE ROOM RENTAL CANCELLATION	\$ 350.00
27	MARCO, INC.	B/W AND COLOR COPIES	\$ 360.12
28	MODERN PIPING, INC.	GAS PIPE HOOKUP FOR GENERATOR	\$ 8,936.00
29	MUNICIPAL SUPPLY	FLAGS, GASKETS, SPLICE KITS	\$ 363.00
30	PATC	IOWA CHARGING MANUALS	\$ 99.00
31	PLUMB SUPPLY COMPANY - AM	VERSA CAP	\$ 59.07
32	POPULAR SUBSCRIPTION SERVI	PERIODICAL SUBSCRIPTIONS	\$ 319.09
33	PREMIER	PRINTER FEES	\$ 36.60
34	SAFE BUILDING COMPLIANCE &	BUILDING INSPECTIONS	\$ 10,367.32
35	SHAFFER'S AUTO BODY CO INC	CITY TAHOE STORM DAMAGE REPAIR	\$ 500.00
36	STAPLES ADVANTAGE	OFFICE SUPPLIES	\$ 698.54
37	STATE LIBRARY OF IOWA	DATABASE PACKAGE	\$ 224.02
38	TASC	FLEX BENEFIT PLANS	\$ 597.89
39	USA BLUEBOOK	TUBING AND CONNECTORS	\$ 125.96
40	VAN-WALL EQUIPMENT INC.	NEW HONDA GENERATOR	\$ 2,209.00
41	WINDSTREAM IOWA COMMUNICAT	DISPATCH PHONE	\$ 79.66
42	ZIEGLER INC	EQUIPMENT FOR CATERPILLAR	\$ 2,750.00
43	Payroll Expense		\$ 53,432.94
44	GRAND TOTAL		\$ 981,685.80
45			
46			

9-22-20 Council

	A	B	C
47			
48		FUND TOTALS	
49	001 GENERAL FUND	19,480.32	
50	002 LIBRARY	2,409.92	
51	003 RECREATION	1,449.89	
52	004 FIRE AND RESCUE	25.68	
53	014 AMBULANCE	307.63	
54	110 ROAD USE TAX	1,161.65	
55	339 560TH AVENUE PAVING	823,106.36	
56	340 Trail Paving Project	23,393.77	
57	398 STORM DAMAGE-DEREUCHE	20,413.63	
58	600 WATER UTILITY	6,232.83	
59	610 SEWER UTILITY	30,271.18	
60	01 PAYROLL EXPENSE	53,432.94	
61	GRAND TOTAL	981,685.80	

COUNCIL COMMUNICATION

AGENDA HEADING:

Approval of Law Enforcement Services Contract with Cambridge

SUBMITTED BY: Rita Conner, City Administrator; Gerry Stoll, Police Chief

SYNOPSIS:

Recommend approval of the contract with the City of Cambridge to provide law enforcement services as described in the accompanying contract.

FISCAL IMPACT: YES

Amount: \$56,434.48 Revenue

Funding Source: City of Cambridge

ADDITIONAL INFORMATION: YES

- Huxley Police Department Services to the City of Cambridge have been provided since 2002
- Information on Huxley Police Department Services to Cambridge is provided monthly to the City Councils of both cities
- There is a City of Huxley officer that responds in Cambridge, and also provides response in Huxley, in addition to serving as the Huxley zoning violation enforcement officer

PREVIOUS COUNCIL ACTION(S): YES

The contract is renewed annually by action of both cities

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

- Provision of police services for FY 20/21

RESOLUTION NO. 20-090

RESOLUTION APPROVING CONTRACT FOR LAW ENFORCEMENT SERVICES

WHEREAS, the City of Huxley City Council and the City of Cambridge, Iowa, City Council have come to agreement regarding Law Enforcement Services to Cambridge to be provided by the City of Huxley Police Department.

BE IT RESOLVED, THEREFORE, that the attached contract is requested to be considered and approved by the City Council for Fiscal Year 2021 and it is being recommended for approval.

BE IT FURTHER RESOLVED, that after review of the contract the City Council of Huxley, Iowa does hereby approve said Contract for Services and authorizes the Mayor to sign.

Roll Call	Aye	Nay	Absent
Nate Easter	_____	_____	_____
David Kuhn	_____	_____	_____
Greg Mulder	_____	_____	_____
Rick Peterson	_____	_____	_____
Tracey Roberts	_____	_____	_____

PASSED, ADOPTED AND APPROVED this 22nd day of September 2020.

APPROVAL BY MAYOR

I hereby approve the foregoing **Resolution No. 20-090** by affixing below my official signature as Mayor of the City of Huxley, Iowa, this 22nd day of September 2020.

Kevin Deaton, Mayor

ATTEST:

Jolene R. Lettow, City Clerk

LAW ENFORCEMENT SERVICES CONTRACT

On the 1st day of July, 2020 the City of Cambridge and the City of Huxley, Iowa will enter into the following agreement:

1. The Huxley Police Department will provide the City of Cambridge, Iowa with law enforcement services. These services will include but not limited to:
 - Radar operations to control speed
 - Issuing violations under city ordinances
 - Service of abatement notice upon request
 - Periodically checking commercial buildings for unlocked doors and trespassers
 - Investigation of traffic accidents and complaints
 - Provide investigative services for crimes and conduct ongoing investigations
 - Investigate drug-related offenses
 - Supply schools and community groups with officers or materials for special programs/events and talks upon request
 - Routine patrols and special patrols upon request
 - Supply fully equipped patrol cars with radio, lights, siren, and all related equipment, gas and oil, tires and maintenance, uniforms, and all other personal equipment
 - Provide a monthly report to the Cambridge City Council
 - Respond to all emergency 911 calls
2. In consideration for the law enforcement services described above, the City of Cambridge, Iowa will pay the annual sum of \$56,434.48. This rate is based on the \$6.11 per capita rate x City of Cambridge's 2010 census population count of 827. This shall be paid to the City of Huxley n before October 1, 2020. Any increase in contract cost for the following year shall be negotiated by December for the next fiscal year. For purposes of this contract, fiscal year shall be from July 1 through June 30.
3. The Police Chief shall be the administrator of this agreement. The Police Chief shall determine law enforcement policy, regulations and matters pertaining to the employment of police department personnel. The Police Chief shall determine the times, place, and manner in which these services are implemented, with input from the Mayor of Cambridge. The Cambridge Mayor, Mayor Pro Tem and City Clerk shall be authorized to make requests to the police chief for performance of specific law enforcement services as specified in this agreement.
4. In accordance with Chapter 28E, Code of Iowa, a copy of this agreement shall be filed with the Secretary of State and recorded with the Story County Recorder. Signatures will include the Mayor and City Clerk of Cambridge, Iowa, the Mayor and City Clerk of Huxley, Iowa, and the Huxley Police Department Police Chief.
5. The City of Cambridge shall fund the consideration for this agreement from general revenues under the City's annual general budget. There shall be no joint property acquired pursuant to this agreement.
6. Either party may terminate this contract. Termination is effective at the end of the annual billing cycle and written notice must be submitted by February 15th of the fiscal year to either party.

CITY OF HUXLEY

CITY OF CAMBRIDGE

Kevin Deaton, Mayor

Steve Kovarik, Mayor

Gerry Stoll, Police Chief

ATTEST:

Jolene R. Lettow, City Clerk

Debra L. Thompson, City Clerk

COUNCIL COMMUNICATION

AGENDA HEADING:

Approval of Posting Position for New Police Officer

SUBMITTED BY: Rita Conner, City Administrator; Gerry Stoll, Police Chief

SYNOPSIS:

In the FY 20/21 budget process, City Council reviewed a budget proposal for the police department that would add a new officer in this fiscal year. Consensus was not reached on the three positions (police officer, public works employee, and administrative clerk) that were proposed by staff. Council directed that the funds for these positions be included in the FY 20/21 budget but set aside in a separate fund until further Council action was taken. This item is being brought forward now based on discussion at the September 8 Council meeting.

Nationally and locally, there are many variables that are considered when determining police department staffing levels. Crime trends, a per-capita approach, minimum manning levels, authorized budget levels, workload-based models, or a combination of these variables including community input and operational demands beyond calls for service. Important to account for is the balance and quality of life afforded to our police department as they serve the community, including training, predictable vacation and family time and schedules. Mayor, Chief and City Administrator have discussed these variables as they pertain to Huxley Police Department coverage and provided input during the budget process that is narrated again here.

Additional information is below.

FISCAL IMPACT: YES

Amount: \$52,478 salary; in the Council approved employee matrix, this is at the lowest level. Benefits are not included in the amount but can be provided before the Tuesday meeting. In the working FY 20/21 CIP draft, there are funds provided for a police vehicle and other equipment estimated at \$75,000.

Funding Source: City of Huxley General Fund FY 20/21

ADDITIONAL INFORMATION: YES

- The City of Huxley increased in population 43% from 2000-2010 and is estimated to increase an estimated 60% from 2010-2020 based on current projections
- Full time officers in the department providing 24-hour, 365 day a year coverage on three shifts total 5. Part time personnel total 4 and work limited shifts per month due to having other full-time jobs. A general average nationally for coverage is 2.5 full time officers per 1,000 citizens
- In the Comprehensive Plan update prepared in 2018-2019, public safety, including the police department, was identified as not keeping pace with national police standards for number of officers due to the rapid growth that had occurred. A public survey incorporated into the plan identified safety as a priority, resulting in a recommendation for the City to proceed to maintaining and enhancing staffing, vehicles, and equipment to keep up with growth as well as community and national standards.

COUNCIL COMMUNICATION

- The duties conducted by a Huxley Police Officer are detailed in the accompanying job description. Potential special assignments per the direction of the Police Chief are also listed, included but would not be limited to.
- With Council approval, the position would be posted immediately. Next steps listed below in Anticipated Actions and Future Commitments

PREVIOUS COUNCIL ACTION(S): NO

BOARD/COMMISSION/COMMITTEE ACTION(S): YES

Personnel Committee meetings were March 10, April 29, June 29, and July 30.

CITY ADMINISTRATOR RECOMMENDATION:

Approval

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

- Posting of Position
- Selection of Candidates
- Interview process by Police Chief
- Recommendation of preferred candidate to Mayor and City Administrator
- Recommendation to City Council to offer position

JOB DESCRIPTION CITY OF HUXLEY

DEPARTMENT: POLICE – POSITION: *Police Officer*

NONEXEMPT FULL-TIME HOURLY POSITION

SUMMARY OF DUTIES: Perform work under general direction. Enforce local, state, and federal laws and ordinances, patrol assigned areas, to do skilled police work in the investigation of alleged criminal offenses and juvenile cases; and to do related work as required within departmental rules and regulations, and the Iowa State Code.

SUPERVISES: Assigned department personnel

REPORTS TO: Assigned Officer

PRINCIPAL DUTIES AND RESPONSIBILITIES:

1. Enforce all State, County and City laws
2. Read all daily logs, reports, and case files to familiarize self with activities of previous shifts.
3. Patrol the community to identify violations, act as a deterrent to crime, and provide aid as needed.
4. Respond to radio messages or other instructions and appears at scenes of emergencies, disorders, or crimes.
5. Prepare reports and completes follow up as needed on assigned cases.
6. Answer telephone and dispatches officers.
7. Apprehend and arrests criminals and violators of the law, and issues citations.
8. Assist the public by answering inquiries, listening to complaints, completing offense reports, and mediating problems.
9. Appear in court to present evidence and give testimony.
10. Interview witnesses, victims, and suspects.
11. Conduct security checks on businesses and residences.
12. Direct traffic; note and report traffic hazards.
12. Provide escort for parades, funerals, and other events.
13. Note suspicious persons or activities and take immediate action or report observances to superior.
15. Assist other patrol officers and provide back up as necessary.
16. Inspect and keep issued weapons equipment and vehicles clean and in good working order.
17. Participate in training sessions and programs and practices the use of all weapons.
18. Assist with animal control duties and picks up stray or injured animals.
19. Assist in receiving, searing, booking, fingerprinting, supervising, and transporting prisoners.
20. Complete required paperwork including daily logs, incident reports, accident reports, arrest reports, and domestic reports.

21. Perform related duties as assigned.

ENTRY REQUIREMENTS:

1. Graduation from Community College or an equivalent combination of experience and education to be comparable, with bachelor's degree preferred.
2. Shall be able to meet the minimum standards for Law Enforcement Officers as prescribed by the Code of Iowa and the Iowa Law Enforcement Academy, with Certification by the Iowa Law Enforcement Academy (ILEA) within 18 months of hire. ILEA certification is preferred.
3. Ability to pass background check, fingerprint search by state, local and national fingerprint files and ability to be bonded.
4. Ability to pass physical tests as adopted by ILEA, drug and alcohol screening and pre-employment physical; uncorrected vision of not less than 20/100 corrected to 20/20 and color and field of vision are normal; good motor coordination, hand/finger dexterity and the ability to stand, stoop, bend, lift, reach and sit for extended periods; normal hearing in each ear.
5. Ability to work varying shifts, weekends and holidays.
6. Ability to read and understand departmental policies, rules, laws, regulations, and police literature.
7. Ability to express self orally in an effective manner.
8. Keen observation and ability to remember names, faces, and details of incidents.
9. Ability to deal tactfully with the public.
10. Ability to operate a vehicle safely and efficiently.
11. Ability to learn the use and care of small arms.

REQUIRED SPECIAL QUALIFICATIONS:

1. Shall have an Iowa Professional permit to carry weapons.
2. Shall have an Iowa Driver's license or obtain one after 60 days of employment.
3. Shall attend CPR Training and AED annually. Serves as first responder on medical calls.

EQUIPMENT AND TOOLS USED:

Firearms, radios, radar unit, police weapons, computer, digital camera, fingerprint equipment. This list is a representation of the type of tools and equipment used. See department's inventory list for specific details.

OTHER REMARKS:

1. Periodically called during off hours to perform duties and assist other officers.
2. Special assignments such as Salvage Vehicle Inspections, Sexual Assault Investigation, School Resource Officer, Accident Investigations, etc., may be tasked to officers.
3. Work may be performed under a variety of harsh conditions, extreme heat and cold, darkness, poor weather, dirt and dust, exposure to chemicals (mace, Pepper spray); may

have to view death, disfigurement and dismemberment, traffic hazards; May encounter, armed and deranged persons; May be exposed to bodily injury; May have to work long and irregular hours.

4. Individuals may be required to work longer than forty (40) hours per week and more than eight (8) hours per day.
-

Residency Requirements: All employees must reside within the State of Iowa within sixty (60) days of their first day of work and must remain a resident of Iowa throughout the period of his/her employment with the City of Huxley. All Huxley Police Department employees shall reside within twenty (20) minutes response time of the city. No employee residing outside the City of Huxley shall be given special consideration or privilege relating to their employment with the city because of any problems that arise from the location of their residence.

The City of Huxley is an equal opportunity employer.

The job duties described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

The City of Huxley grants veteran's preference on positions with a minimum of an initial interview for all veterans who claim and are eligible for preference.

RESOLUTION NO. 20-091

A RESOLUTION APPROVING FISCAL YEAR 2020 BALANCE TRANSFERS FOR THE CITY OF HUXLEY

WHEREAS, The Huxley City Council approves interfund transfers as needed for budget balancing purposes; and

NOW THEREFORE, BE IT RESOLVED, by the City Council of the City of Huxley, Iowa, that the transfers outlined below are hereby approved with an effective date of September 22, 2020 and the City Clerk is authorized to make the transfers in accord with this resolution.

General Fund

From: Fund 002/Library
To: Fund 001/General Fund
Amount: - \$100,065.24

From: Fund 003/Recreation
To: Fund 001/General Fund
Amount: - \$65,442.47

From: Fund 004/Fire and Rescue
To: Fund 001/General Fund
Amount: - \$143,179

From: Fund 014/Ambulance
To: Fund 001/General Fund
Amount: - \$105,696.36

Capitol Funds

From: Fund 100/Prairie Ridge Development
To: Fund 001/General Fund
Amount: \$7,891.89

From: Fund 126/Huxley Dev Corp
To: Fund 001/General Fund
Amount: \$3,565.79

From: Fund 300/CIP
To: Fund 001/General Fund
Amount: - \$2,300.00

From: Fund 321/Development Donations
To: Fund 001/General Fund
Amount: \$250,072.00

From: Fund 322/CIP
To: Fund 001/General Fund
Amount: \$270,947.72

From: Fund 324/Property Sales
To: Fund 001/General Fund
Amount: \$525,343.91

From: Fund 402/Main Avenue Stormwater
To: Fund 001/General Fund
Amount: \$14,264.99

From: Fund 403/U.S. 69-Timberlane
To: Fund 001/General Fund
Amount: - \$12,478.94

Tax Increment Financing (TIF)

From: Fund 125/TIF (Residential Agreements)
To: Fund 124/LMI
Amount: \$418,408.02

From: Fund 125/TIF (Admin Fees)
To: 001/General Fund
Amount: \$91,729.64

From: Fund 125/TIF (Residential Agreements)
To: Fund 200/Debt Service
Amount: \$480,595.04

From: Fund 125/TIF (Commercial Agreements)
To: Fund 200/Debt Service
Amount: \$101,779.42

From: Fund 125/TIF Fund
To: Fund 200/Debt Service (\$4,590,000 Bond)
Amount: \$596,662.50

From: Fund 125/TIF
To: Fund 200/Debt Service (\$6,855,000 Bond)
Amount: \$490,095.89

From: Fund 124 LMI

To: Fund 200 Debt Service
Amount: \$240,000

Proprietary Funds

From: Fund 601 Water Sinking Fund
To: Fund 600 Water Fund
Amount: \$149,330.00

From: Fund 611 Sewer Sinking Fund
To: Fund 610/Sewer Fund
Amount: \$133,425.00

Miscellaneous

From: Fund 121/Local Option Sales Tax
To: Fund 001/General Fund
Amount: \$401,954.26

Interest Earned on Two \$100,000 CD's
Amount: \$8,710.00

Pass and Approved this 2nd day of September 2020.

Kevin Deaton, Mayor

Attest:

Jolene R. Lettow, City Clerk

COUNCIL COMMUNICATION

AGENDA HEADING:

Approving Resolution to Move Forward with the Water Treatment Expansion Project and Finalizing Project Financing

SUBMITTED BY:

Rita Conner, City Administrator

SYNOPSIS:

Council, staff and consultants from Veensta & Kimm Engineering and Northland Securities have been working diligently in 2020 to study the current and future water system needs of the City, incorporating both current citizen and business needs for water service and fire protection, and also accounting for the growing population of the City.

The current water treatment facility was constructed with a 20-year timeframe in mind, based on the City's population in 2000 and the City's projected future growth. The water treatment plant is now between 17-18 years old. Based on population increases over that time, new developments opening up additional lots, the current plant exceeding Iowa Department of Natural Resources (IDNR) rated capacities over the last two years, and peak day plant capacity usage this summer prompting a water conservation order, an expansion of current facilities is essential for the City.

At the September 22 Council meeting, Council will review an updated graph of the City's water treatment plant pumpage to the system between 2018-2020, and an updated version of the Debt Book showing the City's current debt schedule.

Additional information is below.

FISCAL IMPACT: YES

AMOUNT: Current cost estimate for the project is \$8,140,000. This amount is an estimate based on research, analysis, and evaluation to date. Design of the actual project will provide a final cost estimate before bids are let for the project in Spring 2021.

FUNDING SOURCE: Reviewed sources are a Water Revenue Bond with debt service from water rates and potential connection fee districts, Tax Increment Financing (TIF) dollars that can demonstrate growth contribution, the State Revolving Loan Fund (SRF) administered by the Iowa Department of Natural Resources(application submitted)

ADDITIONAL INFORMATION

- On May 8, City staff, Veenstra & Kimm, Inc. and Northland Securities provided information on planned capital projects for debt issuance, including proposed improvements for the water treatment system expansion. On May 12, Council had a worksession to review the results of the Veenstra & Kimm, Inc. water study and discuss. At the July 14 meeting, Council was provided additional information that would allow the schedule for the design, financing, and construction of the project to be accelerated.

COUNCIL COMMUNICATION

This was due to the City's water system production reaching capacity in early July and a water conservation order being approved by Council to get production and usage numbers stabilized. Financing scenarios were also introduced for the proposed project.

- Following the July 14 meeting, staff continued work with Northland Securities and Veenstra and Kimm, Inc., including discussion of additional population projection scenarios based on the City's historic growth pattern. The population projection item and mapping were also discussed at the August 18 Council Worksession on the Comprehensive Plan. On August 25, staff, V & K and Northland took Council questions on the ability to delay the project, check any additional financing sources, future land uses, storage, and density. Following the meeting additional Council questions were provided to staff via email.
- At the September 8 Council worksession, staff, V & K and Northland Securities presented responses to Council questions including combining the 2013 Comprehensive Plan Land Use Map with updated utility information and a proposed long range growth boundary, updated water utility cash flows and operational costs, potential project cost inflation if the project were delayed, further clarification on storage, past and current communications with Des Moines Water Works, City of Ames, Xenia Rural Water and Iowa Rural Utility Association on possible emergency service connections and regional collaboration for water service. The presentations augmented prior presentations by revisiting information on water revenues and rates.

CITY ADMINISTRATOR RECOMMENDATION: Approval

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

- Staff and consultants move forward with next steps, including:
 - Project design
 - Preparation for the proposed debt issuance or the State Revolving Loan Fund
 - Updates to Council
 - Future Council review of financing documents and project design plans.
 - Bid letting for the project and final financing steps
 - Construction of project beginning 2021

For more information on this and other agenda items, please call the City Clerk's Office at 515-597-2561 or visit the Clerk's Office, City Administration Building at 515 N. Main Ave. Council agendas are available to the public at the City Clerk's Office on Friday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email.

RESOLUTION NO. 20-092

**RESOLUTION TO MOVE FORWARD WITH THE WATER TREATMENT FACILITY
EXPANSION PROJECT AND FINALIZE PROJECT FINANCING**

WHEREAS the City of Huxley has undertaken extensive planning and analysis on the City's current water treatment plan facility and;

WHEREAS the current and future growth of the community require an expansion of the current facility and storage system to provide for adequate water production to residents and businesses, and;

WHEREAS approval to move forward with the project and next financing steps is in the best interest of Huxley.

NOW, THEREFORE, IT IS RESOLVED by the City Council of the City of Huxley, Iowa, as follows:

Approval is hereby given to move forward with the project and financing

Roll Call	Aye	Nay	Absent
Nate Easter	___	___	___
David Kuhn	___	___	___
Greg Mulder	___	___	___
Rick Peterson	___	___	___
Tracey Roberts	___	___	___

PASSED, ADOPTED AND APPROVED this 22nd day of September 2020.

APPROVAL BY MAYOR

I hereby approve the foregoing **Resolution No. 20-092** by affixing below my official signature as Mayor of the City of Huxley, Iowa, this 22nd day of September 2020

Kevin Deaton, Mayor

ATTEST:

Jolene R. Lettow, City Clerk

WATER TREATMENT FACILITY EXPANSION

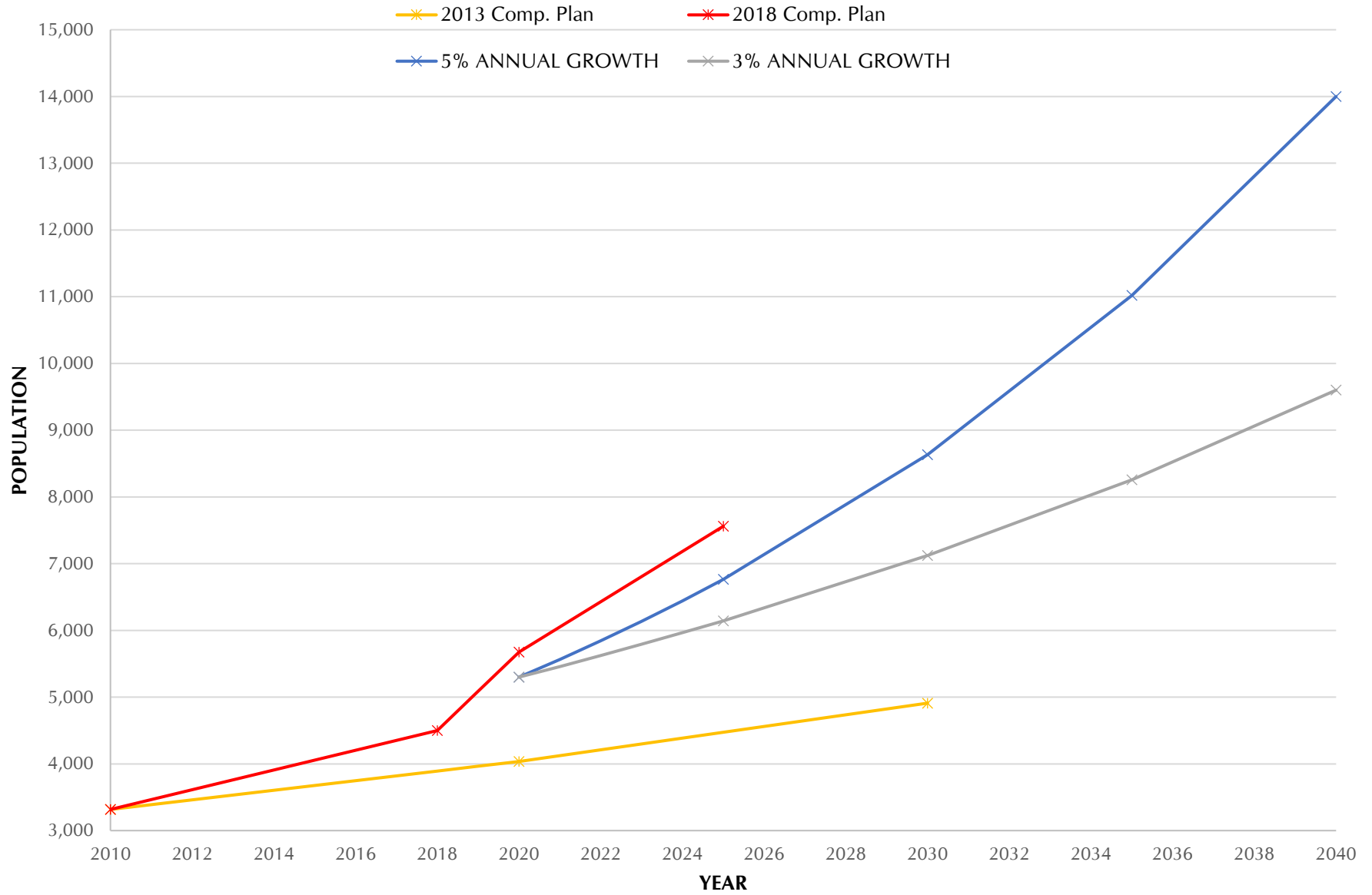
HUXLEY, IOWA
AUGUST 25, 2020



CIVIL ENVIRONMENTAL SURVEYING PLANNING



Huxley Population Projections



Draft Facility Plan - 3% Growth Scenario

Huxley, IA Population Projection						
	Year	Population	% + / -	Year	PPL/YR	LOTS/YR
Meadow Lane Plat 4 & 5 50 lots 27 lots/yr 2 yrs-> 2022 full build out 3 ppl/lot 81 ppl/yr	2020	5,300	N/A			
	2021	5,459	3.0%	2021	159	53
	2022	5,623	3.0%	2022	164	55
	2023	5,791	3.0%	2023	169	56
	2024	5,965	3.0%	2024	174	58
	2025	6,144	3.0%	2025	179	60
	2026	6,328	3.0%	2026	184	61
	2027	6,518	3.0%	2027	190	63
	2028	6,714	3.0%	2028	196	65
	2029	6,915	3.0%	2029	201	67
Westview Heights Plat 3 91 lots 27 lots/yr 3.5 yrs-> 2024 full build out 3 ppl/lot 81 ppl/yr	2030	7,123	3.0%	2030	207	69
	2031	7,336	3.0%	2031	214	71
	2032	7,557	3.0%	2032	220	73
	2033	7,783	3.0%	2033	227	76
	2034	8,017	3.0%	2034	233	78
	2035	8,257	3.0%	2035	241	80
	2036	8,505	3.0%	2036	248	83
	2037	8,760	3.0%	2037	255	85
	2038	9,023	3.0%	2038	263	88
	2039	9,294	3.0%	2039	271	90
	2040	9,600	3.0%	2040	306	102
	AVG		3.0%			

Revised Facility Plan - 5% Growth Scenario

Huxley, IA Population Projection						
	Year	Population	% + / -	Year	PPL/YR	LOTS/YR
Meadow Lane Plat 4 & 5 50 lots 44 lots/yr 1.25 yrs-> 2022 full build out 3 ppl/lot 132 ppl/yr	2020	5,300	N/A			
	2021	5,565	5%	2021	265	88
	2022	5,843	5%	2022	278	93
	2023	6,135	5%	2023	292	97
	2024	6,442	5%	2024	307	102
	2025	6,764	5%	2025	322	107
	2026	7,103	5%	2026	338	113
	2027	7,458	5%	2027	355	118
	2028	7,831	5%	2028	373	124
	2029	8,222	5%	2029	392	131
Westview Heights Plat 3 91 lots 44 lots/yr 2 yrs-> 2022 full build out 3 ppl/lot 132 ppl/yr	2030	8,633	5%	2030	411	137
	2031	9,065	5%	2031	432	144
	2032	9,518	5%	2032	453	151
	2033	9,994	5%	2033	476	159
	2034	10,494	5%	2034	500	167
	2035	11,018	5%	2035	525	175
	2036	11,569	5%	2036	551	184
	2037	12,148	5%	2037	578	193
	2038	12,755	5%	2038	607	202
	2039	13,393	5%	2039	638	213
	2040	14,000	5%	2040	607	202
	AVG		5%			

Huxley WTP Expansion - Flow Scenarios									
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Year	Population	Residential Water Demand	Reserved Industrial Water Demand	Total Water Demand	Aerator + Detention Tank Size	Building Addition	No. Pressure Filters (With 1 on standby)	No. Reverse Osmosis Skids (With 1 on standby)	Estimated WTP Project Cost	No. Wells (With 1 on standby)	Estimated Well Project Cost
		GPD	GPD	GPD	MGD	SF					
2020	5,300	816,200	34,980	851,180			4	3	\$6,500,000	3	Cost Included in WTP Project Cost
2025	6,144	946,199	40,551	986,751			4	3		3	
2030	7,123	1,096,905	47,010	1,143,915			4*	3		3	
2035	8,257	1,271,613	54,498	1,326,111			5	3	\$345,000	3	
2040	9,600	1,478,400	63,360	1,541,760	1.93	3,900	5*	3		3	
AVG 3%		* 23 - hour runtime; additional filter needed soon									

* 23 - hour runtime; additional filter needed soon

Year	Population	Residential Water Demand	Reserved Industrial Water Demand	Total Water Demand	Aerator + Detention Tank Size	Building Addition	No. Pressure Filters (With 1 on standby)	No. Reverse Osmosis Skids (With 1 on standby)	Estimated WTP Project Cost	No. Wells (With 1 on standby)	Estimated Well Project Cost
		GPD	GPD	GPD	MGD	SF					
2020	5,300	816,200	58,300	874,500			4	3	\$7,480,000	3	Cost Included in WTP Project Cost \$530,000
2025	6,764	1,041,701	74,407	1,116,108			4	3		3	
2030	8,633	1,329,504	94,965	1,424,468			5	3		3	
2035	11,018	1,696,821	121,202	1,818,023			6	4	\$820,000	4	
2040	14,000	2,156,000	154,000	2,310,000	2.89	4,550	*7	4	\$345,000	4	
AVG 5%		* 23 - hour runtime; additional filter needed soon									

* 23 - hour runtime; additional filter needed soon

Recommended Alternative - R.O. Softening
2040 Peak Demand 1.54 MGD
Estimated Project Cost

General Conditions

Bond/Insurance	\$175,000
Sitework	\$35,000
Remove Existing I.E. Softeners	\$10,000

Water Treatment Plant Equipment

New Low Service Pump	\$50,000
Detention Tank Addition - 1.93 MGD	\$100,000
Aerator - 1.93 MGD	\$130,000
Pressure Filters - 2 New Filters	\$745,000
Reverse Osmosis Units - 1.54 MGD Output	\$1,425,000
Process Piping	\$100,000

Water Treatment Plant Building

Building Addition (65'x60')	\$1,500,000
Electrical/HVAC	\$200,000

Well Field Expansion

Well Field Expansion	\$530,000
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Construction Subtotal \$5,000,000

Contingency \$700,000

ESTIMATED BID PRICE **\$5,700,000**

Engineering, Legal, Admin. \$800,000

ESTIMATED PROJECT COST **\$6,500,000**

Recommended Alternative - R.O. Softening
2040 Peak Demand 2.31 MGD
Estimated Project Cost

General Conditions

Bond/Insurance	\$175,000
Sitework	\$35,000
Remove Existing I.E. Softeners	\$10,000

Water Treatment Plant Equipment

New Low Service Pump	\$50,000
Detention Tank Addition - 2.9MGD	\$125,000
Aerator - 2.9 MGD	\$185,000
Pressure Filters - 3 New Filters	\$1,035,000
Reverse Osmosis Units - 1.54 MGD Output	\$1,425,000
Process Piping	\$130,000

Water Treatment Plant Building

Building Addition (65'x70')	\$1,750,000
Electrical/HVAC	\$200,000

Well Field Expansion

Well Field Expansion	\$530,000
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Construction Subtotal \$5,650,000

Contingency \$850,000

ESTIMATED BID PRICE **\$6,500,000**

Engineering, Legal, Admin. \$980,000

ESTIMATED PROJECT COST **\$7,480,000**

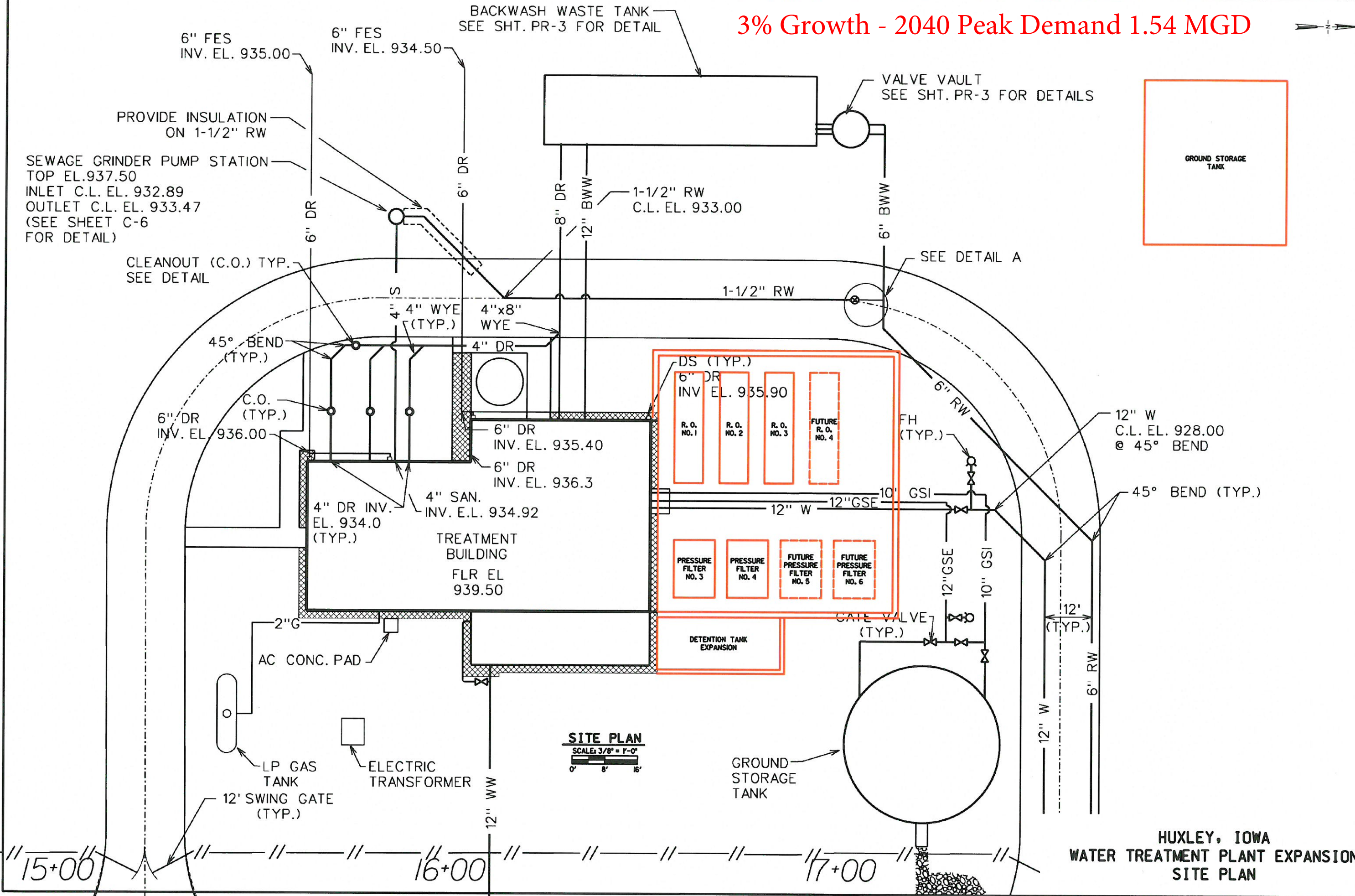
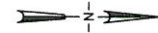
3% Growth
Ground Storage Expansion
Estimated Project Cost

General Conditions	
Mobilization	\$ 20,000
Bonds/Insurance	\$ 10,000
Equipment & Installation	
100,000 Gallon Tank	\$ 100,000
Excavation & Earthwork	\$ 25,000
Piping	\$ 50,000
Construction Subtotal	\$ 205,000
Contingency	\$ 45,000
Estimated Bid Price	\$ 250,000
Engineering, Legal, Admin.	\$ 80,000
Total Estimated Project Cost	\$ 330,000

5% Growth
Ground Storage Expansion
Estimated Project Cost

General Conditions	
Mobilization	\$ 20,000
Bonds/Insurance	\$ 10,000
Equipment & Installation	
500,000 Gallon Tank	\$ 400,000
Excavation & Earthwork	\$ 50,000
Piping	\$ 50,000
Construction Subtotal	\$ 530,000
Contingency	\$ 50,000
Estimated Bid Price	\$ 580,000
Engineering, Legal, Admin.	\$ 80,000
Total Estimated Project Cost	\$ 660,000

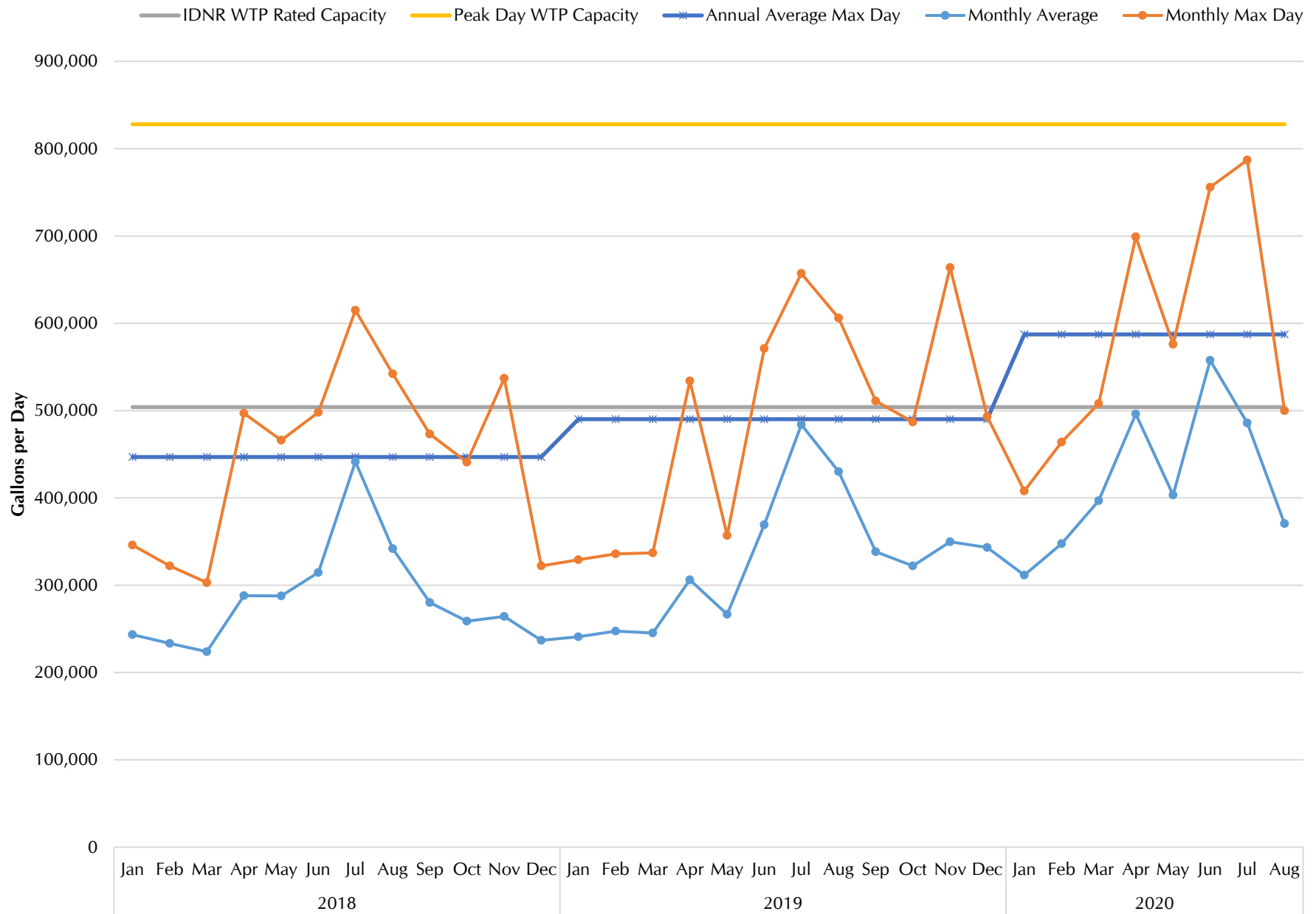
3% Growth - 2040 Peak Demand 1.54 MGD



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Huxley Water Treatment Plant Pumpage to System 2018 - 2020





City Of Huxley, Iowa

2020 Debt Book Update

Prepared by:

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Direct: 515-657-4684

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Direct: 515-822-1485



September 16, 2020

Huxley Debt Book
as of September 16, 2020

General Obligation Debt Summary - Current Outstanding Debt														
Total General Obligation Debt					Revenue Sources									
Fiscal Year	Principal	Interest	Annual Debt Payment	Fiscal Total	Sewer Utility	Water Utility	LOST	TIF	RUT	LMI	Other	Debt Service Levy		Taxable Valuation *
2017 - 2018	1,685,000	409,844	2,094,844	2,094,844	-	-	-	1,084,387	119,448	315,000	-	576,009	3.75004	153,600,539
2018 - 2019	1,892,500	373,971	2,266,471	2,266,471	-	-	-	1,202,493	110,864	313,440	-	639,674	3.75000	170,579,602
2019 - 2020	1,965,000	314,640	2,279,640	2,279,640	-	-	-	1,195,664	74,218	320,340	6,342	683,077	3.75000	182,153,659
2020 - 2021	2,313,000	347,443	2,660,443	2,660,443	244,075	-	-	1,238,706	91,643	324,000	-	762,018	3.75000	203,204,861
2021 - 2022	2,460,000	293,389	2,753,389	2,753,389	246,675	-	-	1,265,579	55,156	393,480	-	792,499	3.75000	211,333,055
2022 - 2023	2,003,000	227,408	2,230,408	2,230,408	248,875	-	-	725,238	106,345	469,035	-	680,915	3.09808	219,786,378
2023 - 2024	2,054,000	179,541	2,233,541	2,233,541	249,775	-	-	732,589	72,716	464,160	-	714,301	3.12498	228,577,833
2024 - 2025	1,696,000	128,390	1,824,390	1,824,390	245,575	-	-	733,742	-	221,610	-	623,463	2.62267	237,720,946
2025 - 2026	1,130,000	83,334	1,213,334	1,213,334	246,375	-	-	462,319	-	182,310	-	322,330	1.30377	247,229,784
2026 - 2027	550,000	54,834	604,834	604,834	247,075	-	-	155,569	-	-	-	202,190	0.78637	257,118,975
2027 - 2028	560,000	42,835	602,835	602,835	241,850	-	-	157,125	-	-	-	203,860	0.76237	267,403,734
2028 - 2029	570,000	30,628	600,628	600,628	246,625	-	-	153,563	-	-	-	200,440	0.72075	278,099,884
2029 - 2030	425,000	18,183	443,183	443,183	241,163	-	-	-	-	-	-	202,020	0.69849	289,223,879
2030 - 2031	435,000	9,210	444,210	444,210	245,700	-	-	-	-	-	-	198,510	0.65996	300,792,834
2031 - 2032	-	-	-	-	-	-	-	-	-	-	-	-	-	312,824,548
2032 - 2033	-	-	-	-	-	-	-	-	-	-	-	-	-	325,337,529
2033 - 2034	-	-	-	-	-	-	-	-	-	-	-	-	-	338,351,031
2034 - 2035	-	-	-	-	-	-	-	-	-	-	-	-	-	351,885,072
2035 - 2036	-	-	-	-	-	-	-	-	-	-	-	-	-	365,960,475
2036 - 2037	-	-	-	-	-	-	-	-	-	-	-	-	-	380,598,894
2037 - 2038	-	-	-	-	-	-	-	-	-	-	-	-	-	395,822,849
Total	19,738,500	2,513,649	22,252,149	22,252,149		-	-	9,106,973	630,390	3,003,375	6,342	6,801,306		

* Assumes an annual 4.00% growth taxable valuation based on average growth of 8.24% between fiscal 2007 to 2020

Huxley Debt Book
as of September 16, 2020

Debt Capacity Analysis																
Fiscal Year	Actual Valuation	Legal Debt Limit	Outstanding Debt Issues Subject to Debt Limit										Projected Debt	Debt Against Legal Debt Limit	Available Legal Capacity	Percent Debt is of Legal Debt Limit
			GO 2003	GO 2012A	Annual Approp. 2013A	Note 2015	GO 2016A	Note 2016	Annual Approp. 2017A	GO 2019A	GO 2020	*TIF Agree. Combined				
FY 2018	253,336,171	12,666,809	155,000	2,860,000	693,693	43,500	3,315,000	290,000	975,238					8,332,430	4,334,379	65.78%
FY 2019	287,586,104	14,379,305	126,000	2,685,000	604,743	29,500	3,315,000	258,000	988,938			1,320,870		9,328,050	5,051,255	64.87%
FY 2020	303,933,996	15,196,700	96,000		596,663	15,000	3,065,000	225,000	1,002,038	3,695,000	-	1,614,452		10,309,152	4,887,548	67.84%
FY 2021	345,656,844	17,282,842	65,000		606,813	-	2,810,000	191,000	1,009,538	3,490,000	2,265,000	1,540,370		11,977,720	5,305,122	69.30%
FY 2022	359,483,118	17,974,156	33,000		509,850	-	2,545,000	155,000	756,538	3,305,000	1,945,000	1,500,000		10,749,388	7,224,768	59.80%
FY 2023	373,862,442	18,693,122	-		-	-	1,915,000	118,000	881,575	2,980,000	1,670,000	1,500,000		9,064,575	9,628,547	48.49%
FY 2024	388,816,940	19,440,847	-		-	-	1,265,000	80,000	876,450	2,640,000	1,500,000	1,500,000		7,861,450	11,579,397	40.44%
FY 2025	404,369,618	20,218,481	-		-	-	590,000	41,000	868,900	2,295,000	1,325,000	1,500,000		6,619,900	13,598,581	32.74%
FY 2026	420,544,402	21,027,220	-		-	-	295,000	-	303,850	1,945,000	1,150,000	1,500,000		5,193,850	15,833,370	24.70%
FY 2027	437,366,179	21,868,309	-		-	-	-	-	-	1,585,000	970,000	1,500,000		4,055,000	17,813,309	18.54%
FY 2028	454,860,826	22,743,041	-		-	-	-	-	-	1,220,000	785,000	1,500,000		3,505,000	19,238,041	15.41%
FY 2029	473,055,259	23,652,763	-		-	-	-	-	-	850,000	595,000	1,500,000		2,945,000	20,707,763	12.45%
FY 2030	491,977,469	24,598,873	-		-	-	-	-	-	470,000	405,000	1,500,000		2,375,000	22,223,873	9.65%
FY 2031	511,656,568	25,582,828	-		-	-	-	-	-	240,000	210,000	1,500,000		1,950,000	23,632,828	7.62%
FY 2032	532,122,831	26,606,142	-	-	-	-	-	-	-	-	15,000			15,000	26,591,142	0.06%
FY 2033	553,407,744	27,670,387	-	-	-	-	-	-	-	-	15,000			15,000	27,655,387	0.05%
FY 2034	575,544,054	28,777,203	-	-	-	-	-	-	-	-	15,000			15,000	28,762,203	0.05%
FY 2035	598,565,816	29,928,291	-	-	-	-	-	-	-	-	15,000			15,000	29,913,291	0.05%
FY 2036	622,508,448	31,125,422	-	-	-	-	-	-	-	-	15,000			15,000	31,110,422	0.05%
FY 2037	647,408,786	32,370,439	-	-	-	-	-	-	-	-	15,000			15,000	32,355,439	0.05%
FY 2038	673,305,138	33,665,257	-	-	-	-	-	-	-	-	15,000	-		15,000	33,650,257	0.04%
Original Issue Par Amount			500,000	3,720,000	4,590,000	70,000	3,315,000	360,000	6,855,000	3,695,000	2,250,000					

Assumed Valuation Growth	4.00%	Refunded by 2019A Bonds
Debt Limit (as % of 100% valuation)	5.00%	

*TIF Agreements Estimated

Debt Service Schedule & Payment Source													
General Obligation Bonds, Series 2020A													
Date	Principal	Coupon	Interest	Total	Fiscal Total	Sewer Utility	Water Utility	LOST	TIF	RUT	Special Assmnt	Other	Debt Service Levy
12/01/20			20,467.75	20,467.75									
06/01/21	320,000	2.000%	21,545.00	341,545.00	362,012.75								362,013 1.78152
12/01/21			18,345.00	18,345.00									
06/01/22	275,000	2.000%	18,345.00	293,345.00	311,690.00								311,690 1.47488
12/01/22			15,595.00	15,595.00									
06/01/23	170,000	2.000%	15,595.00	185,595.00	201,190.00								201,190 0.91539
12/01/23			13,895.00	13,895.00									
06/01/24	175,000	2.000%	13,895.00	188,895.00	202,790.00								202,790 0.88718
12/01/24			12,145.00	12,145.00									
06/01/25	175,000	2.000%	12,145.00	187,145.00	199,290.00								199,290 0.83834
12/01/25			10,395.00	10,395.00									
06/01/26	180,000	2.000%	10,395.00	190,395.00	200,790.00								200,790 0.81216
12/01/26			8,595.00	8,595.00									
06/01/27	185,000	1.800%	8,595.00	193,595.00	202,190.00								202,190 0.78637
12/01/27			6,930.00	6,930.00									
06/01/28	190,000	1.800%	6,930.00	196,930.00	203,860.00								203,860 0.76237
12/01/28			5,220.00	5,220.00									-
06/01/29	190,000	1.800% *	5,220.00	195,220.00	200,440.00								200,440 0.72075
12/01/29			3,510.00	3,510.00									-
06/01/30	195,000	1.800%	3,510.00	198,510.00	202,020.00								202,020 0.69849
12/01/30			1,755.00	1,755.00									-
06/01/31	195,000	1.800%	1,755.00	196,755.00	198,510.00								198,510 0.65996
Total	2,250,000		234,783	2,484,783	2,484,783	-	-	-	-	-	-	-	2,484,783

Issue Size \$2,250,000

Purposes 560TH Street, HOI Trail and E 1st St project

Notes: [Final]

Call Date 6/1/2028

*Assumes an annual 4.00% growth taxable valuation based on average growth of 8.24% between fiscal 2007 to 2020

Huxley Debt Book
as of September 16, 2020

Debt Service Schedule & Payment Source													
General Obligation Corporate Purpose and Refunding Bonds, Series 2019A													
Date	Principal	Coupon	Interest	Total	Fiscal Total	Sewer Utility	Water Utility	LOST	TIF	RUT	Special Assmnt	Other	Debt Service Levy
12/01/19				-									-
06/01/20	205,000	4.000%	55,440.21	260,440.21	260,440.21	-			-			6,342.00	254,098 1.39497
12/01/20	-		42,971.88	42,971.88					-				-
06/01/21	185,000	4.000%	42,971.88	227,971.88	270,943.76	244,075.00			26,868.76				-
12/01/21			39,271.88	39,271.88					-				-
06/01/22	325,000	4.000%	39,271.88	364,271.88	403,543.76	246,675.00			156,868.76				-
12/01/22			32,771.88	32,771.88					-				-
06/01/23	340,000	2.000%	32,771.88	372,771.88	405,543.76	248,875.00			156,668.76				-
12/01/23			29,371.88	29,371.88					-				-
06/01/24	345,000	2.000%	29,371.88	374,371.88	403,743.76	249,775.00			153,968.76				-
12/01/24			25,921.88	25,921.88					-				-
06/01/25	350,000	2.000%	25,921.88	375,921.88	401,843.76	245,575.00			156,268.76				-
12/01/25			22,421.88	22,421.88					-				-
06/01/26	360,000	2.000%	22,421.88	382,421.88	404,843.76	246,375.00			158,468.76				-
12/01/26			18,821.88	18,821.88					-				-
06/01/27	365,000	2.375%	18,821.88	383,821.88	402,643.76	247,075.00			155,568.76				-
12/01/27			14,487.50	14,487.50					-				-
06/01/28	370,000	2.375% *	14,487.50	384,487.50	398,975.00	241,850.00			157,125.00				-
12/01/28			10,093.75	10,093.75					-				-
06/01/29	380,000	2.375% *	10,093.75	390,093.75	400,187.50	246,625.00			153,562.50				-
12/01/29			5,581.25	5,581.25					-				-
06/01/30	230,000	2.375% *	5,581.25	235,581.25	241,162.50	241,162.50							-
12/01/30			2,850.00	2,850.00									-
06/01/31	240,000	2.375% *	2,850.00	242,850.00	245,700.00	245,700.00							-
Total	3,695,000		544,572	4,239,572	4,239,572	2,703,763	-	-	1,275,369	-	-	6,342	254,098

Issue Size \$3,695,000

Purposes

Finance extensions and improvements to the municipal sanitary sewer system and the municipal waterworks system, current refund the City's General Obligation Refunding Bonds, Series 2012A on October 29, 2019

Notes:

Call Date 6/1/2027

*Assumes an annual 4.00% growth taxable valuation based on average growth of 8.24% between fiscal 2007 to 2020

Huxley Debt Book
as of September 16, 2020

Debt Service Schedule & Payment Source													
General Obligation Annual Appropriation Refunding, Series 2017													
Date	Principal	Coupon	Interest	Total	Fiscal Total	Sewer Utility	Water Utility	LOST	TIF	RUT	LMI	Other	Debt Service Levy
12/01/19			63,518.75	63,518.75									
06/01/20	875,000	2.000%	63,518.75	938,518.75	1,002,037.50				263,763.52	74,217.76	303,465.00		360,591.22 1.97960
12/01/20			54,768.75	54,768.75									
06/01/21	900,000	2.000%	54,768.75	954,768.75	1,009,537.50				264,507.62	91,643.40	307,125.00		346,261.48 1.70400
12/01/21			45,768.75	45,768.75									
06/01/22	665,000	2.250%	45,768.75	710,768.75	756,537.50				262,487.92	55,155.62	157,605.00		281,288.96 1.33102
12/01/22			38,287.50	38,287.50									
06/01/23	805,000	2.500% *	38,287.50	843,287.50	881,575.00				262,481.28	106,345.42	232,635.00		280,113.30 1.27448
12/01/23			28,225.00	28,225.00									
06/01/24	820,000	2.750% *	28,225.00	848,225.00	876,450.00				264,407.96	72,715.93	227,385.00		311,941.11 1.36470
12/01/24			16,950.00	16,950.00									
06/01/25	835,000	3.000% *	16,950.00	851,950.00	868,900.00				265,510.83	-	221,610.00		381,779.17 1.60600
12/01/25			4,425.00	4,425.00									
06/01/26	295,000	3.000% *	4,425.00	299,425.00	303,850.00					-	182,310.00		121,540.00 0.49161
12/01/26			-	-									
Total	6,855,000		808,063	7,663,063	7,663,063	-	-	-	2,135,474	630,390	2,243,700	-	2,653,498

Issue Size \$6,855,000
Call Date 6/1/2022

Purposes **Refunding** of Series 2009A [2018-2025] and Series 2010D [2018-2026]. Series 2009A original purpose - Ambulance, Police Vehicles, Vehicles for Street Department, street, water, sewer improvements and urban renewal projects consisting of Community Center and park improvements and the redemption of Anticipation Notes series 2008B - 2010D D Original Purpose street improvements, sanitary sewer improvements, storm sewer and drainage improvements and water system improvements; installation of street lights and street signalization improvements; acquisition and demolition of dangerous and dilapidated properties; and the funding of a program for the acquisition, demolition and restoration of housing as part of a municipal housing project

Notes: **Annual Appropriation**

*Assumes an annual 4.00% growth taxable valuation based on average growth of 8.24% between fiscal 2007 to 2020

Huxley Debt Book
as of September 16, 2020

Debt Service Schedule & Payment Source													
General Obligation Refunding Series 2016													
Date	Principal	Coupon	Interest	Total	Fiscal Total	Sewer Utility	Water Utility	LOST	TIF	RUT	LMI	Other	Debt Service Levy
12/01/19			37,721.25	37,721.25									
06/01/20	255,000	2.000%	37,721.25	292,721.25	330,442.50				302,317.50		16,875.00		11,250 0.06176
12/01/20			35,171.25	35,171.25									
06/01/21	265,000	1.700%	35,171.25	300,171.25	335,342.50				307,217.50		16,875.00		11,250 0.05536
12/01/21			32,918.75	32,918.75									
06/01/22	630,000	2.500% *	32,918.75	662,918.75	695,837.50				302,712.50		235,875.00		157,250 0.74409
12/01/22			25,043.75	25,043.75									
06/01/23	650,000	2.500% *	25,043.75	675,043.75	700,087.50				306,087.50		236,400.00		157,600 0.71706
12/01/23			16,918.75	16,918.75									
06/01/24	675,000	2.500% *	16,918.75	691,918.75	708,837.50				314,212.50		236,775.00		157,850 0.69057
12/01/24			8,481.25	8,481.25									
06/01/25	295,000	2.750% *	8,481.25	303,481.25	311,962.50				311,962.50				- -
12/01/25			4,425.00	4,425.00									
06/01/26	295,000	3.000% *	4,425.00	299,425.00	303,850.00				303,850.00				- -
Total	3,315,000		482,245	3,797,245	3,797,245	-	-	-	2,519,870	-	759,675	-	517,700

Issue Size \$3,315,000

Call Date 6/1/2021

Purposes **Crossover Refund** of Series 2010C , 2019-2026 and a Portion of Series 2010D, 2022 for \$1,110,000 - 2010D D Original Purpose street improvements, sanitary sewer improvements, storm sewer and drainage improvements and water system improvements; installation of street lights and street signalization improvements; acquisition and demolition of dangerous and dilapidated properties; and the funding of a program for the acquisition, demolition and restoration of housing as part of a municipal housing project

Notes:

*Assumes an annual 4.00% growth taxable valuation based on average growth of 8.24% between fiscal 2007 to 2020

Huxley Debt Book
as of September 16, 2020

Debt Service Schedule & Payment Source															
Emergency Vehicle Note															
Date	Principal	Coupon	Interest	Total	Paying Agent	Fiscal Total	Sewer Utility	Water Utility	LOST	TIF	RUT	Special Assmnt	Other	Debt Service Levy	
12/01/17			4,930.00	4,930.00											
06/01/18	32,000	3.400% *	4,930.00	36,930.00		41,860.00								41,860	0.27253
12/01/18			4,386.00	4,386.00											
06/01/19	33,000	3.400% *	4,386.00	37,386.00		41,772.00								41,772	0.24488
12/01/19			3,825.00	3,825.00											
06/01/20	34,000	3.400% *	3,825.00	37,825.00		41,650.00								41,650	0.22865
12/01/20			3,247.00	3,247.00											
06/01/21	36,000	3.400% *	3,247.00	39,247.00		42,494.00								42,494	0.20912
12/01/21			2,635.00	2,635.00											
06/01/22	37,000	3.400% *	2,635.00	39,635.00		42,270.00								42,270	0.20002
12/01/22			2,006.00	2,006.00											
06/01/23	38,000	3.400% *	2,006.00	40,006.00		42,012.00								42,012	0.19115
12/01/23			1,360.00	1,360.00											
06/01/24	39,000	3.400% *	1,360.00	40,360.00		41,720.00								41,720	0.18252
12/01/24			697.00	697.00											
06/01/25	41,000	3.400% *	697.00	41,697.00		42,394.00								42,394	0.17834
12/01/25			-	-											
06/01/26			-	-		-								-	-
Total	290,000		46,172	336,172	-	336,172	-	-	-	-	-	-	-	336,172	

Issue Size \$360,000 **Purposes** Emergency Vehicle Acquisition Note

Call Date

Notes:

*Assumes an annual 4.00% growth taxable valuation based on average growth of 8.24% between fiscal 2007 to 2020

Huxley Debt Book
as of September 16, 2020

Debt Service Schedule & Payment Source Vehicle Acquisition Note													
Date	Principal	Coupon	Interest	Total	Fiscal Total	Sewer Utility	Water Utility	LOST	TIF	RUT	Special Assmnt	Other	Debt Service Levy
12/01/17			706.88	706.88									
06/01/18	14,000	3.250% *	706.88	14,706.88	15,413.76								15,414 0.10035
12/01/18			479.38	479.38								-	
06/01/19	14,500	3.250% *	479.38	14,979.38	15,458.76								15,459 0.09062
12/01/19			243.75	243.75								-	
06/01/20	15,000	3.250% *	243.75	15,243.75	15,487.50								15,488 0.08502
12/01/20			-	-								-	
Total	43,500		2,860	46,360	46,360	-	-	-	-	-	-	-	46,360

Issue Size \$70,000

Purposes Vehicle Acquisition

Notes:

Call Date

*Assumes an annual 4.00% growth taxable valuation based on average growth of 8.24% between fiscal 2007 to 2020

Huxley Debt Book
as of September 16, 2020

Debt Service Schedule & Payment Source														
General Obligation Annual Appropriation Refunding, Series 2013A														
Date	Principal	Coupon	Interest	Total	Paying Agent	Fiscal Total	Sewer Utility	Water Utility	LOST	TIF	RUT	Special Assmnt	Other	Debt Service Levy
12/01/17			36,846.25	36,846.25										
06/01/18	620,000	2.250%	36,846.25	656,846.25		693,692.50				693,692.50				- -
12/01/18			29,871.25	29,871.25						-				
06/01/19	545,000	2.400%	29,871.25	574,871.25		604,742.50				604,742.50				- -
12/01/19			23,331.25	23,331.25						-				
06/01/20	550,000	2.700% *	23,331.25	573,331.25		596,662.50				596,662.50				- -
12/01/20			15,906.25	15,906.25						-				
06/01/21	575,000	2.950% *	15,906.25	590,906.25		606,812.50				606,812.50				- -
12/01/21			7,425.00	7,425.00						-				
06/01/22	495,000	3.000% *	7,425.00	502,425.00		509,850.00				509,850.00				- -
Total	2,785,000		226,760	3,011,760	-	3,011,760	-	-	-	3,011,760	-	-	-	-

Issue Size \$4,590,000

Purposes

Crossover advance refund of the series 2006C with maturities from 2015-2022 - original purpose was for financing street, water, sanitary sewer, storm sewer and sidewalk improvements that are all within the city's urban renewal area. Projects include Southeast Annexation Project and First Street Project

Notes:

Annual Appropriation

Call Date 6/1/2019

*Assumes an annual 4.00% growth taxable valuation based on average growth of 8.24% between fiscal 2007 to 2020

Huxley Debt Book
as of September 16, 2020

Debt Service Schedule & Payment Source													
General Obligation Refunding Series 2012													
Date	Principal	Coupon	Interest	Total	Fiscal Total	Sewer Utility	Water Utility	LOST	TIF	RUT	Special Assmnt	Other	Debt Service Levy
12/01/17			40,548.75	40,548.75									
06/01/18	175,000	2.000%	40,548.75	215,548.75	256,097.50								256,098 1.66730
12/01/18			38,798.75	38,798.75		-							
06/01/19	175,000	2.000%	38,798.75	213,798.75	252,597.50								252,598 1.48082
12/01/19			-	-		-							
06/01/20			-	-	-								- -
12/01/20			-	-									
06/01/21			-	-	-								- -
12/01/21			-	-									
06/01/22			-	-	-								- -
12/01/22			-	-									
06/01/23			-	-	-								- -
12/01/23			-	-									
06/01/24			-	-	-								- -
12/01/24			-	-									
06/01/25			-	-	-								- -
12/01/25			-	-									
06/01/26			-	-	-								- -
12/01/26			-	-									
06/01/27			-	-	-								- -
12/01/27			-	-									
06/01/28			-	-	-								- -
12/01/28			-	-									
06/01/29			-	-	-								- -
12/01/29			-	-									
06/01/30			-	-	-								- -
12/01/30			-	-									
06/01/31			-	-	-								- -
12/01/31			-	-									
												-	
Total	350,000		158,695	508,695	508,695	-	-	-	-	-	-	-	508,695

Issue Size \$3,720,000

Purposes

Current refunding on a portion of SRF Series 2009 - Sewer - Refunded with the 2019A issue

Notes:

Refunded with the 2019A issue

*Assumes an annual 4.00% growth taxable valuation based on average growth of 8.24% between fiscal 2007 to 2020

Huxley Debt Book
as of September 16, 2020

Debt Service Schedule & Payment Source													
2003 GO SRF													
Date	Principal	Coupon	Interest	Total	Fiscal Total	Sewer Utility	Water Utility	LOST	TIF	RUT	Special Assmnt	Other	Debt Service Levy
12/01/17			1,550.00	1,550.00									
06/01/18	29,000	2.000% *	1,550.00	30,550.00	32,100.00				32,100.00				- -
12/01/18			1,260.00	1,260.00					-				
06/01/19	30,000	2.000% *	1,260.00	31,260.00	32,520.00				32,520.00				- -
12/01/19			960.00	960.00					-				
06/01/20	31,000	2.000% *	960.00	31,960.00	32,920.00				32,920.00				- -
12/01/20			650.00	650.00					-				
06/01/21	32,000	2.000% *	650.00	32,650.00	33,300.00				33,300.00				- -
12/01/21			330.00	330.00					-				
06/01/22	33,000	2.000% *	330.00	33,330.00	33,660.00				33,660.00				- -
12/01/22			-	-									
Total	155,000		9,500	164,500	164,500	-	-	-	164,500	-	-	-	-

Issue Size \$500,000

Purposes Water Improvement - Urban Renewal Docs

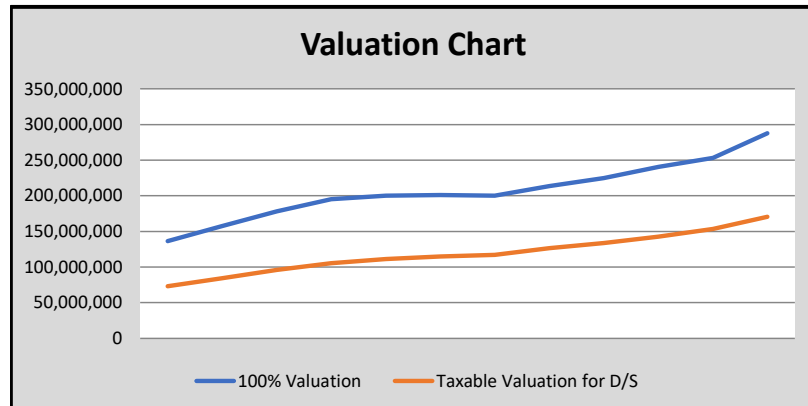
Notes: paid from TIF per Urban Renewal report

Call Date

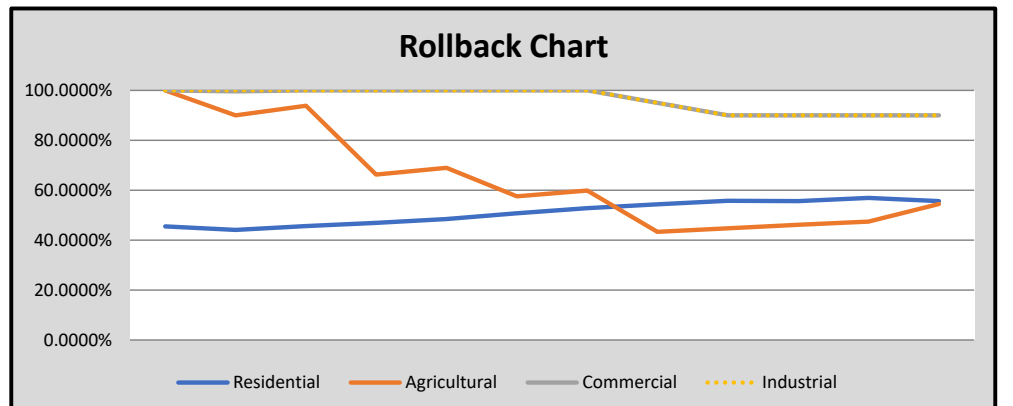
*Assumes an annual 4.00% growth taxable valuation based on average growth of 8.24% between fiscal 2007 to 2020

Huxley Debt Book
as of September 16, 2020

City Of Huxley, Iowa Valuation Data				
	100% Valuation	Growth in 100% Value	Taxable Value for Debt Service	Growth in Taxable Value
2007 - 2008	136,220,059		73,174,801	
2008 - 2009	157,452,063	15.59%	84,381,525	15.32%
2009 - 2010	178,273,309	13.22%	95,807,011	13.54%
2010 - 2011	195,062,809	9.42%	105,644,496	10.27%
2011 - 2012	200,033,057	2.55%	111,059,767	5.13%
2012 - 2013	200,963,408	0.47%	114,750,396	3.32%
2013 - 2014	200,086,662	-0.44%	117,035,645	1.99%
2014 - 2015	213,458,295	6.68%	126,356,095	7.96%
2015 - 2016	225,112,026	5.46%	133,637,367	5.76%
2016 - 2017	240,639,287	6.90%	142,512,786	6.64%
2017 - 2018	253,336,171	5.28%	153,600,539	7.78%
2018 - 2019	287,586,104	13.52%	170,579,602	11.05%
2019 - 2020	303,933,996	5.68%	182,153,659	6.79%
2020 - 2021	345,656,844	13.73%	203,204,861	11.56%
2021 - 2022				
2022 - 2023				
2023 - 2024				
2024 - 2025				
2025 - 2026				
2026 - 2027				
2027 - 2028				
2028 - 2029				
2029 - 2030				
2030 - 2031				
2031 - 2032				
2032 - 2033				
Average Growth		7.54%		8.24%



Historical Rollback Data							
Fiscal Year	Residential	Agricultural	Commercial	Industrial	Utilities	Multi-residential	Railroad
2007 - 2008	45.5596%	100.0000%	100.0000%	100.0000%	100.0000%	-	100.0000%
2008 - 2009	44.0803%	90.1023%	99.7312%	100.0000%	100.0000%	-	99.7312%
2009 - 2010	45.5893%	93.8568%	100.0000%	100.0000%	100.0000%	-	100.0000%
2010 - 2011	46.9094%	66.2715%	100.0000%	100.0000%	100.0000%	-	100.0000%
2011 - 2012	48.5299%	69.0152%	100.0000%	100.0000%	100.0000%	-	100.0000%
2012 - 2013	50.7518%	57.5411%	100.0000%	100.0000%	100.0000%	-	100.0000%
2013 - 2014	52.8166%	59.9334%	100.0000%	100.0000%	100.0000%	-	100.0000%
2014 - 2015	54.4002%	43.3997%	95.0000%	95.0000%	100.0000%	-	95.0000%
2015 - 2016	55.7335%	44.7021%	90.0000%	90.0000%	100.0000%	-	90.0000%
2016 - 2017	55.6259%	46.1068%	90.0000%	90.0000%	100.0000%	86.2500%	90.0000%
2017 - 2018	56.9391%	47.4996%	90.0000%	90.0000%	100.0000%	82.5000%	90.0000%
2018 - 2019	55.6209%	54.4480%	90.0000%	90.0000%	100.0000%	78.7500%	90.0000%
2019 - 2020	56.9180%	56.1324%	90.0000%	90.0000%	100.0000%	75.0000%	90.0000%
2020 - 2021	55.0743%	81.4832%	90.0000%	90.0000%	100.0000%	71.2500%	90.0000%
2021 - 2022							



Huxley Debt Book
as of September 16, 2020

**City of Huxley, Iowa
Revenue Debt Issues
Currently Outstanding**

Huxley Debt Book
as of September 16, 2020

Debt Service Schedule						
Water Revenue Refunding Bonds, Series 2013B						
Date	Principal	Coupon	Interest	Total	Pay ing	Fiscal Total
12/01/17			4,995.00	4,995		
06/01/18	110,000	1.450%	4,995.00	114,995.00		119,990.00
12/01/18			4,197.50	4,197.50		
06/01/19	110,000	1.450%	4,197.50	114,197.50		118,395.00
12/01/19			3,400.00	3,400.00		
06/01/20	110,000	2.000% *	3,400.00	113,400.00		116,800.00
12/01/20			2,300.00	2,300.00		
06/01/21	115,000	2.000% *	2,300.00	117,300.00		119,600.00
12/01/21			1,150.00	1,150.00		
06/01/22	115,000	2.000% *	1,150.00	116,150.00		117,300.00
12/01/22			-	-		
Total	560,000		32,085	592,085	-	592,085

Issue Size \$985,000

Call Date 6/1/2019

Purposes Refunding of Series 2002 Bonds with
maturities of 2014-2022

Huxley Debt Book
as of September 16, 2020

Debt Service Schedule					
Sewer Revenue Refunding Bonds, Series 2013C					
Date	Principal	Coupon	Interest	Total	Fiscal Total
12/01/17			6,805.00	6,805.00	
06/01/18	75,000	1.450%	6,805.00	81,805.00	88,610.00
12/01/18			6,261.25	6,261.25	
06/01/19	75,000	1.450%	6,261.25	81,261.25	87,522.50
12/01/19			5,717.50	5,717.50	
06/01/20	75,000	2.100% *	5,717.50	80,717.50	86,435.00
12/01/20			4,930.00	4,930.00	
06/01/21	80,000	2.100% *	4,930.00	84,930.00	89,860.00
12/01/21			4,090.00	4,090.00	
06/01/22	80,000	2.100% *	4,090.00	84,090.00	88,180.00
12/01/22			3,250.00	3,250.00	
06/01/23	80,000	2.600% *	3,250.00	83,250.00	86,500.00
12/01/23			2,210.00	2,210.00	
06/01/24	85,000	2.600% *	2,210.00	87,210.00	89,420.00
12/01/24			1,105.00	1,105.00	
06/01/25	85,000	2.600% *	1,105.00	86,105.00	87,210.00
12/01/25			-	-	
Total	635,000		68,738	703,738	703,738

Issue Size \$925,000

Call Date 6/1/2019

Purposes Refunding of Series
2009 with Maturities

Huxley Debt Book
as of September 16, 2020

Debt Service Schedule SRF 2009 Sewer Revenue					
Date	Principal	Coupon	Interest	Total	Fiscal Total
12/01/17			22,945.00	22,945	
06/01/18	10,000	3.250% *	22,945.00	32,945.00	55,890.00
12/01/18			22,782.50	22,782.50	
06/01/19	10,000	3.250% *	22,782.50	32,782.50	55,565.00
12/01/19			22,620.00	22,620.00	
06/01/20	10,000	3.250% *	22,620.00	32,620.00	55,240.00
12/01/20			22,457.50	22,457.50	
06/01/21	10,000	3.250% *	22,457.50	32,457.50	54,915.00
12/01/21			22,295.00	22,295.00	
06/01/22	10,000	3.250% *	22,295.00	32,295.00	54,590.00
12/01/22			22,132.50	22,132.50	
06/01/23	10,000	3.250% *	22,132.50	32,132.50	54,265.00
12/01/23			21,970.00	21,970.00	
06/01/24	10,000	3.250% *	21,970.00	31,970.00	53,940.00
12/01/24			21,807.50	21,807.50	
06/01/25	10,000	3.250% *	21,807.50	31,807.50	53,615.00
12/01/25			21,645.00	21,645.00	
06/01/26	77,000	3.250% *	21,645.00	98,645.00	120,290.00
12/01/26			20,393.75	20,393.75	
06/01/27	79,000	3.250% *	20,393.75	99,393.75	119,787.50
12/01/27			19,110.00	19,110.00	
06/01/28	82,000	3.250% *	19,110.00	101,110.00	120,220.00
12/01/28			17,777.50	17,777.50	
06/01/29	84,000	3.250% *	17,777.50	101,777.50	119,555.00
12/01/29			16,412.50	16,412.50	
06/01/30	87,000	3.250% *	16,412.50	103,412.50	119,825.00
12/01/30			14,998.75	14,998.75	
06/01/31	90,000	3.250% *	14,998.75	104,998.75	119,997.50
12/01/31			13,536.25	13,536.25	
06/01/32	93,000	3.250% *	13,536.25	106,536.25	120,072.50
12/01/32			12,025.00	12,025.00	
06/01/33	96,000	3.250% *	12,025.00	108,025.00	120,050.00
12/01/33			10,465.00	10,465.00	
06/01/34	99,000	3.250% *	10,465.00	109,465.00	119,930.00
12/01/34			8,856.25	8,856.25	
06/01/35	102,000	3.250% *	8,856.25	110,856.25	119,712.50
12/01/35			7,198.75	7,198.75	
06/01/36	106,000	3.250% *	7,198.75	113,198.75	120,397.50
12/01/36			5,476.25	5,476.25	
06/01/37	109,000	3.250% *	5,476.25	114,476.25	119,952.50
12/01/37			3,705.00	3,705.00	
06/01/38	112,000	3.250% *	3,705.00	115,705.00	119,410.00
12/01/38			1,885.00	1,885.00	
06/01/39	116,000	3.250% *	1,885.00	117,885.00	119,770.00
12/01/39			-	-	
Total	1,296,000		701,220	1,997,220	1,997,220

Issue Size \$1,296,000

Purposes Sewer Debt - Plant

Call Date

COUNCIL COMMUNICATION

AGENDA HEADING:

Approving Contract for Professional Engineering Services with Veenstra & Kimm, Inc. for Design of the Water Treatment Facility Expansion Project

SYNOPSIS:

Veenstra & Kimm, Inc (Forrest Aldrich, P.E. 3000 Westown Parkway West Des Moines, Iowa 50266) has submitted an agreement for professional engineering services for the Huxley Water Treatment Facility Expansion Project

Services for the project include the design of a new well, expansion of the current water treatment facility including aeration, expansion of the detention tank for iron and manganese removal, membrane softening units, filters, and process pumps.

Additional information is below and in the attachments.

FISCAL IMPACT:

Amount: Not to exceed \$869,700

Funding Source: City of Huxley, fund, and account code to be established by the City Clerk/Finance Officer

ADDITIONAL INFORMATION: YES

- Work will include surveying, design conferences with staff, preparation of plans and specifications, obtaining permits and licenses, preparation of cost estimate, geotechnical investigation, notice to contractors, bidding services, bid opening and contract award.
- Construction services will include conducting the pre-construction conference, consultation, observation, and inspection of all work performed by the contractor, review of all pay applications, resident review services, final review, and record drawings.

PREVIOUS COUNCIL ACTION(S): YES

- Council review and discussion of data on May 8 & 12, July 14, August 18, August 25, and September 8

BOARD/COMMISSION ACTION(S): NONE

CITY ADMINISTRATOR RECOMMENDATION: APPROVAL

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

- Design of the project
- Preparation of bid materials for letting of the project
- Construction of the project

COUNCIL COMMUNICATION

- Final inspection of the improvements and Council acceptance of the project

For more information on this and other agenda items, please call the City Clerk's Office at 515-597-2561 or visit the Clerk's Office, City Administration Building at 515 N. Main Ave. Council agendas are available to the public at the City Clerk's Office on Friday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email.

RESOLUTION NO. 20-093

RESOLUTION

WHEREAS, the City of Huxley proposes to hire professional civil engineering services for the design and construction process for the Water Treatment Facility Expansion Project and;

WHEREAS, Veenstra and Kimm, Inc. have presented an agreement describing the services to be provided and the associated cost not to exceed \$869,700 and;

WHEREAS, and

WHEREAS, work on the project is estimated to be initiated in Spring 2021.

NOW, THEREFORE, IT IS RESOLVED by the City Council of the City of Huxley, Iowa, as follows:

The professional engineering services agreement from Veenstra and Kimm, Inc is hereby approved.

Roll Call	Aye	Nay	Absent
Nick Easter	___	___	___
David Kuhn	___	___	___
Greg Mulder	___	___	___
Rick Peterson	___	___	___
Tracey Roberts	___	___	___

PASSED, ADOPTED AND APPROVED this 22nd day of September, 2020.

APPROVAL BY MAYOR

I hereby approve the foregoing **Resolution No. 20-093** by affixing below my official signature as Mayor of the City of Huxley, Iowa, this 22nd day of September 2020.

Kevin Deaton, Mayor

ATTEST:

Jolene Lettow, City Clerk



VEENSTRA & KIMM, INC.

3000 Westown Parkway • West Des Moines, Iowa 50266-1320

515-225-8000 • 515-225-7848 (FAX) • 800-241-8000 (WATS)

September 15, 2020

Rita Conner
City Administrator
City of Huxley
515 N. Main Avenue
Huxley, Iowa 50124

CITY OF HUXLEY, IOWA
WATER TREATMENT PLANT EXPANSION
ENGINEERING AGREEMENT FOR PROFESSIONAL SERVICES

Enclosed are two copies of the proposed engineering services agreement for the Water Treatment Plant Expansion project. If the agreement is acceptable to the City of Huxley, please arrange for execution of each document. Return one executed document to our office.

If you have any questions or comments concerning the agreement, please contact us at 225-8000.

VEENSTRA & KIMM, INC.

A handwritten signature in blue ink that reads "Forrest S. Aldrich".

Forrest S. Aldrich

FSA:dml
0-03
Enclosures

ENGINEERING AGREEMENT FOR PROFESSIONAL SERVICES

CITY OF HUXLEY, IOWA WATER TREATMENT PLANT EXPANSION

THIS AGREEMENT, made this _____ day of _____ 2020, by and between the **CITY OF HUXLEY, IOWA**, hereinafter referred to as the **City**, party of the first part, and **VEENSTRA & KIMM, INC.** of West Des Moines, Iowa, a corporation organized and existing under the laws of the State of Iowa, hereinafter referred to as the **Engineers**,

WITNESSETH, THAT WHEREAS, the City currently owns and operates a municipal water system, and

WHEREAS, the City currently has two wells, each with a capacity of approximately 700 gallons per minute, and

WHEREAS, the Water Treatment Plant has a capacity of approximately 700 gallons per minute, and

WHEREAS, the City population and water usage has increased to such a point the expansion of the water treatment and well capacities are needed, and

WHEREAS, the ion exchange softening system is causing an excess amount of chlorides to be transported to the wastewater treatment facility, and

WHEREAS, the City has determined it appropriate to move forward with the design and construction of a new well and expansion of the Water Treatment Plant to increase the capacity of the Water Treatment and to replace the ion exchange water softening system, and

WHEREAS, the City desires to move forward with the engineering design, bidding and construction related services for the new well and Water Treatment Plant Expansion improvements.

NOW, THEREFORE, it is agreed by and between the parties hereto that the City retains the Engineers to provide professional engineering services for the Project subject to the following terms, conditions, and stipulations to wit:

1. **PROJECT SCOPE.** It is understood and agreed the Project shall consist of the expansion of the Water Treatment Plant building to allow for a treatment capacity of 2.3 million gallons per day. The Project shall consist of equipment to allow for a treatment capacity of 1.5 million gallons per day with an alternate to allow for a treatment capacity of 2.3 million gallons per day. The improvements are to include the following:
 - a. New well with the well to be located in the general vicinity of the existing wells.
 - b. Expansion of the existing Water Treatment Plant will be designed to include aeration, expansion of the detention tank for iron and manganese removal, membrane softening units, filters and process pumps.
 - c. Buried concrete clear well.
 - d. Additional high service pump and yard piping.
 - e. The water plant expansion is to be constructed on existing property owned by the Owner.

It is understood and agreed the scope of the services for the Project may be modified by mutual agreement during the course of performance of the services as the parties mutually determine necessary to meet the goals and objectives of the City.

2. **DESIGN SURVEYS.** The Engineers shall make all surveys necessary for design of the Project and preparation of plans and specifications. Such design surveys shall include the securing of topographic and cross-sectional data and other field information and measurements.
3. **DESIGN CONFERENCES AND REPORTS.** The Engineers shall attend such design conferences with the Owner as may be necessary to make decisions as to the details of design of the Project. The Engineers shall make periodic progress reports to the City Council, as necessary.
4. **PLANS AND SPECIFICATIONS.** The Engineers shall prepare such detailed plans and specifications as are reasonably necessary and desirable for construction of the Project. The specifications shall describe, in detail, the work to be done, materials to be used and the construction methods to be followed. Preliminary plans and specifications shall be submitted to the Owner for review prior to completion of preparation of final plans and specifications. Three (3) sets of final plans and specifications shall be submitted to the Owner.

5. **PERMITS AND LICENSES.** The Engineers shall provide copies of the plans and specifications for review by the Iowa Department of Natural Resources, and shall assist in obtaining the necessary construction permits for the Project. Any fees for the construction permits shall be paid by the Owner and said costs shall not be charged against the Engineers' fees.
6. **ESTIMATE OF COST.** The Engineers shall prepare an estimate of cost for the construction contract. The estimate of cost shall be based on the Engineers' best knowledge at the time of preparation of the estimate of cost. The Engineers shall not be responsible if the construction contract awarded for the Project varies from the Engineers' estimate of cost. The Engineers shall advise and assist the City, if necessary, in adjusting the scope and extent of the Project to allow the Project to be constructed within available budget limitations.
7. **GEOTECHNICAL INVESTIGATION.** The Engineers shall prepare a scope of work for geotechnical investigation, including soil borings, required during the design phase of the Project. The Engineers shall coordinate the services of the geotechnical consultant including review of the findings of the geotechnical work and incorporation of the findings in the design of the expansion Water Treatment Plant. The actual cost for the geotechnical consultant shall be paid directly by the Owner. The cost of the Engineers relating to coordinating and managing the geotechnical services are included as a part of the scope of work under this Agreement.
8. **PROPERTY ACQUISITION.** It is understood and agreed property acquisition services including easements and right-of-way shall not be a part of the services under this Agreement.
9. **ADVERTISEMENT FOR BIDS.** The Engineers shall assist in the preparation of the notice to contractors and shall provide plans and specifications to prospective bidders. Publication costs shall be borne by the Owner.
10. **COSTS OF PLANS AND SPECIFICATIONS.** The Owner shall compensate the Engineers for the actual costs of the plans and specifications provided contractors, plan rooms and suppliers during Project bidding. The costs of plans shall be separate from the fee provisions under "**17. COMPENSATION**".
11. **BIDDING SERVICES.** The Engineers shall provide services during the bidding phase of the Project that will include the following:
 - a. Notification of potential bidders of the upcoming Project and availability of plans and specifications.
 - b. Distribute bidding documents and maintain bidders list.

- c. Respond to questions raised during the bidding period and prepare and issue addendum as appropriate to clarify, correct or change the bidding documents.
- d. Assist the City in evaluating alternate equipment submittals during and following the bidding phase of the Project.

12. BID OPENING AND AWARD OF CONTRACT. The construction work included in the Project shall be bid at no more than two lettings. One bid letting will be for the construction of the drinking water well. One bid letting will be for the construction for the expansion of the Water Treatment Plant. The Engineers shall have a representative present when the bids and proposals are opened and shall prepare a tabulation of bids for the Owner and shall advise as to the responsiveness of the bidders, and assist in making the award of contract. After the award is made, the Engineers shall prepare the necessary contract documents. During the bidding phase, the Engineers shall advise the Owner of the responsiveness of each proposal submitted. The Engineers shall not be responsible for advising the Owner as to the responsiveness of any bidder.

13. GENERAL SERVICES DURING CONSTRUCTION. The Engineers shall provide general services during construction including:

- a. The Engineer shall conduct a preconstruction conference attended by representatives of the Owner, Engineer, and contractor to discuss details of the Project.
- b. Consult with and advise Owner.
- c. Provide periodic visits to the site during construction by representatives of the various design disciplines. Such visits will be as necessary to observe the progress and quality of the various aspects of the contractor's work. Based on information obtained during visits and observations, the Engineers will endeavor to determine in general if the contractor's work is in accordance with the contract documents. The Engineers' visits are for the purpose of observing the contractor's work in progress and the Engineers will not supervise, direct or have control over the contractor's work, or have the authority over, or the responsibility for, the means, methods, techniques or procedures of construction selected by the contractor. The Engineers shall not be responsible for safety precautions and programs or for the failure of the contractor to comply with any applicable laws, rules, regulations or local codes and ordinances.
- d. Attend periodic Project meetings with construction contractor.

- e. During and following periodic site visits the Engineers shall have the authority to reject contractor's work, or disapprove such work while in progress, if the Engineers believe such work will not produce a completed Project that generally conforms to the contract documents.
- f. The Engineers will assist in interpretation of the plans and specifications and will issue necessary clarifications and interpretations to the contract documents as appropriate. Such clarifications and interpretations will be consistent with the intent of, and will be reasonably inferable from, the contract documents.
- g. In consultation with the Owner, the Engineers may issue field orders offering minor variations from the requirements of the contract documents.
- h. The Engineers shall review shop drawings, samples and other data the contractors are required to submit for conformance with the information given in the contract documents and compatibility with the design concept. Such review and review comments will not extend to means, methods, techniques, procedures or sequences of construction or to safety precautions and programs thereto. The Engineers shall not be responsible for determining the completeness of the submittal of shop drawings and the contractors shall remain wholly responsible for any omissions in submittals.
- i. The Engineers, in consultation with the Owner, will evaluate and determine the acceptability of substitute or "or equal" materials and equipment as proposed by contractors. Such review will be for conformance with the contract document requirements.
- j. The Engineers shall review the results of tests and inspections for the purpose of determining the results certified therein to indicate compliance with the contract documents. The Engineers review will not constitute an independent evaluation that the contents or procedures of such inspections, tests or approvals comply with the requirements of the contract documents. The Engineers shall be entitled to rely on the results of the tests completed and submitted by or on behalf of the contractor.
- k. Process and certify payment estimates of the contractor to the Owner.
- l. In consultation with Owner, the Engineers shall prepare amendments to the contract documents as necessary to show major changes made during construction.

- m. The Engineers shall receive, review and transmit to the City documents submitted by the contractor as required under the contract documents to obtain final payment. The Engineers review of such documents will be only to determine generally that the content complies with the requirements of the contract documents.
 - n. Provide construction staking information as necessary to include the establishment of required benchmarks and baselines for locations, elevations and grades of construction. Detailed construction staking for the Project shall be performed by the Contractor.
- 14. FINAL REVIEW SERVICES.** The Engineers shall make a final review after construction is complete to determine that the construction is substantially in compliance with the plans and specifications. The Engineers shall certify to the Owner that construction is substantially in compliance with the plans and specifications.
- 15. RECORD DRAWINGS.** The Engineers will prepare Project record drawings showing record information. The basis of the record information will be field record drawings furnished by contractors on which the contractors have annotated changes during construction and information provided by the City from its observation of construction whether on a periodic or regular basis. The Project record drawings will be prepared on the basis of the Engineers own knowledge and information provided by the contractors and City. The Engineers shall not be responsible for the accuracy of information provided by others.
- 16. RESIDENT REVIEW SERVICES.** The Engineers shall provide Resident Review services during construction of the Project.

The Engineers shall assign a qualified and experienced engineering technician to provide on-site observation of construction activities and maintain a record of construction activities. Resident observation services will be provided on an as required basis, with the anticipation nearly continuous observation will be provided during key periods of construction.

Resident Review services shall be provided for a period not to exceed 18 months, with said period being established as the projected construction contract schedule. In the event the Contractor fails to complete the Project within the 18 month period provided in the construction contract Resident Review services beyond the construction contract period may be provided if requested by the City. The Engineers may notify the City such additional Resident Review services beyond the contract period shall be Extra Work as provided in the Agreement.

17. COMPENSATION.

- a. The fee for engineering design and construction services enumerated for the Project as set forth in "**1. PROJECT SCOPE**" encompassing the work set forth from "**2. DESIGN SURVEYS**" through "**16. RESIDENT REVIEW SERVICES**" of this Agreement shall be a maximum not to exceed amount of Eight Hundred Sixty-nine Thousand Seven Hundred Dollars (\$869,700). This represents the sum of the design services and construction services fees. This fee includes approximate breakdown of Three Hundred Ninety-five Thousand Two Hundred Dollars (\$395,200) for design and Four Hundred Seventy-four Thousand Five Hundred Dollars (\$474,500) for construction services.
- b. The Owner shall compensate the Engineers for the cost of plans and distribution of plans as set forth in "**4. PLANS AND SPECIFICATIONS**" above as provided in Iowa Code Section 26.3(2). The reimbursement of the cost plans and distribution of plans as required under Iowa Code Section 26.3(2) is not included in the fees for services set forth under this Agreement.

18. PAYMENT. The fees shall be due and payable as follows:

- a. For design, preparation of plans and specifications and general services during construction, the fee shall be due and payable monthly based on that proportion of the fee which the Engineers have completed as of the time of the applicable billing.

19. LEGAL SERVICES. The Owner shall provide the services of the City Attorney in matters pertaining to this Project. The Engineers shall cooperate with the Owner's attorney and shall comply with her requirements as to form of contract documents and procedures relative to them.

20. SERVICES NOT INCLUDED. Services not included under this Agreement are as follows:

- a. Material testing and inspections other than those completed as a part of the resident review on the site of the Project, environmental impact statements, archaeological investigation, contaminated soil and groundwater investigations, geotechnical investigation.
- b. Wetlands studies and archaeological studies.
- c. Geotechnical services except as described hereinbefore.

- d. Services related to or regarding arbitration or litigation of a construction contract between a construction contractor and the Owner regarding any of the Projects included in this Agreement.
- e. Services required for the evaluation of and determination to accept defective work by Contractor including required re-design services.
- f. Services required for re-design as a result of substitute products during the construction phase.
- g. Services required as a result of Owner providing incomplete or incorrect Project information.
- h. Assistance in connection with bid protests, rebidding or renegotiating contracts for construction, materials, equipment, or services, only so long as the original work is reasonably consistent with the Owner's program or other instruction.
- i. Construction staking.
- j. Providing assistance in resolving any Hazardous Environmental Condition in compliance with current Laws and Regulations.
- k. Services for the acquisition of easements and property.
- l. It is understood the Project financing will not use the State Revolving Fund (SRF) program. Services, including review of payrolls, American Iron and Steel requirements, and additional related services are therefore not included.

21. SUSPENSION.

- a. The Owner agrees that the Engineer is not responsible for damages arising directly or indirectly from any delays for causes beyond the Engineer's control. For purposes of this Agreement, such causes include, but are not limited to, strikes or other labor disputes; severe weather disruptions or other natural disasters or acts of God; fires, riots, war or other emergencies; failure of any government agency to act in a timely manner; failure of performance by the Owner; or discovery of any hazardous substances or differing site conditions. In addition, if the delays resulting from any such causes increase the cost or time required by the Engineer to perform its services in an orderly and efficient manner, the Engineer shall be entitled to a reasonable adjustment in schedule and compensation.

- b. If Engineer's services are extended by Contractor's actions or inactions for more than the scheduled final construction completion, as defined in the Contract Documents, through no fault of the Engineer, the Engineer will be entitled to equitable and agreeable adjustment of rates and amounts of compensation provided in this Agreement.

22. TERMINATION.

- a. In the event of termination of this Agreement by either party, the Owner shall, within fifteen (15) calendar days of termination, pay the Engineer for all services rendered and all reimbursable costs incurred by the Engineer up to the date of termination, in accordance with the payment provisions of this Agreement.
- b. The Owner may terminate this Agreement for the Owner's convenience and without cause upon giving the Engineer not less than seven (7) calendar days written notice.
- c. Either party may terminate this Agreement for cause upon giving the other party not less than seven (7) calendar days written notice for any of the following reasons.
 - 1) Substantial failure by the other party to perform in accordance with the terms of this Agreement and through no fault of the terminating party.
 - 2) Assignment of this Agreement or transfer of the Project by either party to any other entity without the prior written consent of the other party.
 - 3) Suspension of the Project or the Engineer's services by the Owner for more than ninety (90) calendar days, consecutive or in the aggregate.
 - 4) Material changes in the conditions under which this Agreement was entered into, the Scope of Services or the nature of the Project, and the failure of the parties to reach agreement on the compensation and schedule adjustments necessitated by such changes.
- d. In the event of any termination that is not the fault of the Engineer, the Owner shall pay the Engineer, in addition to payment for services rendered and reimbursable costs incurred, for all expenses reasonably incurred by the Engineer in connection with the orderly termination of this Agreement, including but not limited to demobilization, reassignment of personnel, associated overhead costs and all other expenses directly resulting from the termination.

23. DISPUTE RESOLUTION.

- a. Owner and Engineer agree to negotiate all disputes between them in good faith for a period of thirty (30) days from the date of notice prior to other provisions of this Agreement, or under law.

- b. Owner and Engineer agree to use mediation for dispute resolution if the previously described negotiation process is not successful.
 - c. In the event of any litigation arising from or related to this Agreement or the services provided under this Agreement, each party shall pay their own legal expenses, including staff time, court costs, attorney's fees and all other related expenses in such litigation.
- 24. BETTERMENT.** When a Change Order is necessitated by an act or omission of Engineer or an error in the design of the Project, responsibility for such act, omission, or error shall be determined in good faith by Owner and Engineer. To the extent that such act, omission, or error arose out of the lack of quality professional services provided by Engineer or of the lack of professional quality deliverables prepared by Engineer, Owner shall be entitled to an amount equal to the difference between the actual cost of the change work and the estimated cost of the change work (less added value to the Owner) if there had been no such act, omission, or error. Engineer shall pay such sum to Owner.
- 25. CHANGED CONDITIONS.** If, during the term of this Agreement, circumstances or conditions that were not originally contemplated by or known to the Engineer are revealed, to the extent that they affect the scope of services, compensation, schedule, allocation of risks or other material terms of this Agreement, the Engineer may call of renegotiation of appropriate portions of this Agreement. The Engineer shall notify the Owner of the changed conditions necessitating renegotiation, and the Engineer and the Owner shall promptly and in good faith enter into renegotiation of this Agreement to address the changed conditions. If terms cannot be agreed to, the parties agree that either party has the absolute right to terminate this Agreement, in accordance with the termination provision hereof.
- 26. CHANGES.** If, after the plans and specifications are completed and approved by the Owner, the Engineers are required to change the plans and specifications because of changes made by the Owner, the Engineers shall receive additional compensation for making such changes. The compensation for such changes shall be based upon the standard hourly fees plus expenses for personnel of the Engineers actually engaged in making the changes.
- 27. EXTRA WORK.** Fees stated in this Agreement cover the specific services outlined in this Agreement for the Project. If the Owner requires additional services of the Engineers in connection with the Project, or changes or modifications in the Project, the Engineers shall receive additional compensation for said services. Such additional compensation shall be at the standard hourly fees for personnel of the Engineers, plus expenses for personnel engaged in the authorized extra work.

28. INDEMNIFICATION. The Engineers shall and hereby agree to hold and save the Owner harmless from any and all claims, settlements, and judgments, to include all reasonable investigative fees, attorneys' fees, suit and court costs for personal injury, property damage, and/or death arising out of the Engineers' or any of its agents', servants', and employees' errors, omissions or negligent acts for services under this Agreement, and for all injury and/or death to any and all of the Engineers' personnel, agents, servants, and employees occurring under the Workers' Compensation Act of the State of Iowa.

29. INSURANCE. The Engineers shall furnish the Owner with certificates of insurance by insurance companies licensed to do business in the State of Iowa, upon which the Owner is endorsed as an additional named insured, in the following limits. It must be clearly disclosed on the face of the certificates that the coverage is on an occurrence basis.

General Liability*	\$1,000,000/2,000,000
Automobile Liability	\$1,000,000
Excess Liability (Umbrella)*	\$8,000,000/8,000,000
Workers' Compensation, Statutory Benefits Coverage B	\$1,000,000
Professional Liability**, ***	\$2,000,000/2,000,000

*Occurrence/Aggregate

** The Owner is not to be named as an additional insured.

***Claims made basis

30. ASSISTANTS AND CONSULTANTS. It is understood and agreed that the employment of the Engineers by the Owner for the purposes aforesaid shall be exclusive, but the Engineers shall have the right to employ such assistants and consultants as they deem proper in the performance of the work.

31. ASSIGNMENT. This Agreement and each and every portion thereof shall be binding upon the successors and assigns of the parties hereto.

The undersigned do hereby covenant and state that this Agreement is executed in duplicate as though each were an original and that there are no oral agreements that have not been reduced to writing in this instrument.

It is further covenanted and stated that there are no other considerations or monies contingent upon or resulting from the execution of this Agreement nor have any of the above been implied by or for any party to this Agreement.

IN WITNESS WHEREOF, the parties hereto have hereunto subscribed their names on the date first written above.

CITY OF HUXLEY, IOWA

ATTEST:

By _____
Mayor

By _____
City Clerk

VEENSTRA & KIMM, INC.

ATTEST:

By Forest H. Kimm
President

By Deb Luke

VEENSTRA & KIMM, INC.
HOURLY RATES BY EMPLOYEE CLASSIFICATION
(Effective July 2020)

Management I	\$181.00
Management II	175.00
Process Engineer I	199.00
Client Services I	175.00
Client Services V	66.00
Engineer I-A	181.00
Engineer I-B.....	172.00
Engineer I-C	163.00
Engineer I-D	156.00
Engineer II-A	147.00
Engineer II-B.....	138.00
Engineer III-A	130.00
Engineer III-B.....	124.00
Engineer III-C	121.00
Engineer IV	117.00
Engineer V	109.00
Engineer VI	102.00
Engineer VII	98.00
Engineer VIII	95.00
Engineer IX.....	88.00
Engineer X.....	78.00
Engineer XI.....	72.00
Engineer XII.....	63.00
Design Technician I.....	104.00
Design Technician II.....	92.00
Architect	110.00
Planner I	113.00
Planner II	75.00
Planner III	69.00
Drafter IA.....	103.00
Drafter IB	96.00
Drafter II	90.00
Drafter III	84.00
Drafter IV	75.00
Drafter V	65.00
Drafter VI.....	60.00
Drafter VII	47.00
Clerical I	93.00
Clerical II	66.00
Clerical III	57.00
Clerical IV	50.00
Clerical V.....	42.00
Construction Manager	175.00
Surveyor I.....	123.00
Surveyor II.....	105.00

Technician I	90.00
Technician II	83.00
Technician III	76.00
Technician IV	74.00
Technician V	67.00
Technician VI	62.00
Technician VII	51.00
Technician VIII	45.00
Technician IX	37.00
Building Inspector I	172.00
Building Inspector I-A	115.00
Building Inspector II	90.00
Building Inspector III	68.00
Robotics	30.00/Hour
GPS	30.00/Hour
Leica Total Station	20.00/Hour
Total Station Robotics	15.00/Hour
Tablet	45.00/Hour
Fluoroscope	50.00/Hour
4-Wheeler	45.00/Hour
Drone	75.00/Hour
Mileage	IRS Rate