

NOTICE IS HEREBY GIVEN THAT THE JESUP CITY COUNCIL WILL MEET IN REGULAR SESSION ON TUESDAY, AUGUST 16, 2016, AT 7:00 O'CLOCK P.M., JESUP CITY HALL, 791 6<sup>TH</sup> STREET, JESUP, IOWA

PLEASE NOTE: PLEASE SILENCE CELL PHONES, PDA'S, ETC.; THE COUNCIL WILL ADDRESS AGENDA ITEMS AND MAY TAKE ACTION

TENTATIVE AGENDA  
AUGUST 16, 2016

1. CALL MEETING TO ORDER
  2. PLEDGE OF ALLEGIANCE
  3. ROLL CALL OF COUNCIL
  4. APPROVAL OF AGENDA
  5. APPROVE CONSENT AGENDA: ALL ITEMS ON THE CONSENT AGENDA WILL BE ENACTED BY ONE MOTION, THERE WILL BE NO SEPARATE DISCUSSION OF THOSE ITEMS UNLESS A REQUEST IS MADE PRIOR TO THE TIME THE CITY COUNCIL VOTES ON THE MOTION  
ITEMS
    - A. ACCEPT THE MINUTES OF THE JULY 25, AND AUGUST 2, 2016 CITY COUNCIL MEETING
    - B. APPROVE THE CLAIMS AS PRESENTED AND GIVE DIRECTION TO PROCESS AND PAY
    - C. APPROVE DNR WASTEWATER CONSTRUCTION PERMIT CHRISTOPHER CIRCLE PROJECT
- 
6. CITIZEN'S INPUT – PLEASE LIMIT COMMENTS TO 3 MINUTES
  7. ECONOMIC DEVELOPMENT
    - A. ECONOMIC DEVELOPMENT UPDATE (GEORGE LAKE)
  8. CULTURE & RECREATION
  9. PUBLIC SAFETY (POLICE, FIRE, AMBULANCE, BUILDING)
    - A. DEPARTMENTAL REPORTS
    - B. APPROVE FIRE VOLUNTEER (MCHONE)
    - C. ACCEPT RESIGNATION OFFICER LYONS
    - D. SET PUBLIC HEARING DATE EMERGENCY SERVICES LEASE TO PURCHASE AGREEMENT PROCEDURES
  10. PUBLIC WORKS (STREETS, WATER, SEWER)
    - A. DEPARTMENTAL REPORTS
    - B. SANITARY SEWER SERVICE REPAIRS HAWLEY STREET
    - C. SANITARY SEWER EQUIPMENT PURCHASE
  11. ADMINISTRATION
    - A. SET PUBLIC HEARING DATE AMENDMENT TO CITY CODE LEGISLATIVE UPDATES
    - B. SET PUBLIC HEARING DATE AMENDMENT TO CITY CODE NO PARKING ZONE
  12. ADJOURN

# CITY COUNCIL

**JULY 25, 2016**

Jesup City Council met in special session on Monday, July 25, 2016, at 6:00 o'clock p.m. in the Jesup City Hall Council Chambers, 791 6<sup>th</sup> Street, Jesup, Iowa.

Mayor Larry Thompson called the meeting to order at 6:00 p.m.

Members present: Russ Solomon, Jill Chemin, Dawn Vogel, Richard Mott and Melissa Trumbauer.

Absent: None

Motion by Trumbauer, seconded by Mott to approve the agenda. Motion carried 5:0.

Motion by Vogel, seconded by Mott to accept the resignation of Officer Braxton Morrison. Motion carried 5:0.

Motion by Trumbauer, seconded by Vogel to approve **Resolution No. 2017-05** Resolution Authorizing Payroll for Police Officer. Roll call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0.

Motion by Trumbauer, seconded by Vogel to approve **Resolution No. 2017-06** Resolution Regarding Release and Satisfaction of Obligation. Roll call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0.

Motion by Vogel, seconded by Trumbauer, to adjourn the meeting. Motion carried 5:0. Meeting adjourned at 6:03 p.m.

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Larry Thompson  
Mayor

Attest:

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LeAnn M. Even, CMC, ICMC, CFO  
City Clerk/Treasurer

# CITY COUNCIL

## AUGUST 2, 2016

Jesup City Council met in regular session on Tuesday, August 2, 2016, at 7:00 o'clock p.m. in the Jesup City Hall Council Chambers, 791 6<sup>th</sup> Street, Jesup, Iowa.

Mayor Larry Thompson called the meeting to order at 7:00 p.m.

Members present: Russ Solomon, Jill Chemin, Dawn Vogel, Richard Mott and Melissa Trumbauer.

Absent: None.

Motion by Trumbauer, seconded by Mott to approve the agenda. Motion carried 5:0.

Motion by Mott, seconded by Trumbauer, to approve and adopt the following items on the consent agenda: 1. Approve the minutes of the July 19 and 21, 2016 City council meetings. 2. Accept the City Clerk/Treasurer reports, as of July 31, 2016 and place on file. 3. Approve the claims as presented and give direction to process and pay. 4. Approve **Resolution No. 2017-07** Resolution Approving Street Financial Report. Roll Call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0.

### CLAIMS PRESENTED TO THE CITY COUNCIL FOR AUGUST 2, 2016

#### WARRANTS WRITTEN SINCE THE JULY 19, 2016 MEETING:

Bankers Trust	Bond Registration - CH	250.00
Accounts Payable	Payroll ACH - 8-1-16	18,060.35
Bank Iowa	Payroll taxes - Federal, Medicare, Social Security	6,836.41

#### CLAIMS PRESENTED FOR AUGUST 2, 2016

ADVANCED SYSTEMS	COPIER CONTRACT - LIB	21.00
ADVANCE AUTO PARTS	FILTERS,FLUID,RAMP - ST	62.66
AUDIO EDITIONS	BOOK ON CD - LIB	154.05
BAKER & TAYLOR	LIBRARY BOOKS - LIB	146.93
BROWN SUPPLY	VALVE STEMS, O-RINGS - WA	357.38
CINTAS	MEDICAL SUPPLIES - ST	15.84
CITIZEN HERALD	RENEWAL,MINUTES,ORDINANCE - LIB, CH	484.54
CITY LAUNDERING	MATS,MOPS,UNIFORM EXP.-CH,WA,WW,ST	248.42
CITY OF HUDSON	UNIFORMS, LYONS - PD	213.99
CONSOLIDATED ENERGY	401.3 GAL DSL - ST	718.33
D.A. DAVIDSON	SERIES 2016 BOND FEES - 4TH,5TH,PURDY	14,000.00
D & S PORTABLES	FARMER'S DAY RENTAL/CLEANINGS-PARK	2,565.00
DEMCO	BOOK COVERS, BOOKMARKS - LIB	95.12
DON'S TRUCK SALES	BATTERY CABLES - WA	23.69
ELECTRONIC ENGINEERING	INSTALL RADIOS - PD	90.30
FARMERS MUTUAL TELEPHONE	BATTERY BACKUP - CH	435.21
GATEWAY HOTEL	HOTEL, ACADEMY - CH	497.28
HAWKINS	CHLORINE - WA	684.04
INDEPENDENCE PLUMBING HEATING	REPAIR TOILET - LIB	128.91
IOWA FIREFIGHTERS ASSN	DUES & MUTUAL AID - FD	806.00
JESUP COMMUNITY SCHOOL	COMMUNITY RECREATION PROGRAM - CH	2,500.00
JOHN FRATZKE	REIMB HEALTH INSURANCE DEDUCTIBLE	250.00
KIESLER POLICE SUPPLY	GUNS - PD	40.00
KIRKWOOD COMMUNITY COLLEGE	BEHAVIORAL HEATH CLASS - AMB	40.00
LEITURETIME GOLF CARTS	GOLF CART RENTAL - COMMUNITY CELEB.	1,750.00
LLOYD BROWN	TRANSPLANT TREES - PARKS	350.00
MARK BIRDNOW CHEVROLET	FRONT END ALIGNMENT - PD	87.95
MCCLURE ENGINEERING	FLOW MONITORING STUDY - WW	14,330.00
MICROMARKETING	BOOK ON CD - LIB	100.98
MID AMERICAN ENERGY	GAS, ELECTRIC - ALL	10,649.54
MIDWEST BREATHING AIR	QUARTERLY AIR TEST - FD	118.80
ORIENTAL TRADING COMPANY	STICKERS, GLITTER SET - LIB	55.13

PETERSON TRUSTWORTHY HARDWARE	KEYS,LIGHTS,INSULATION-AMB,FD,WA,ST	201.30
PETTY CASH	REPLENISH POSTAGE - LIB	60.08
POWER PLAN	O-RINGS - ST	11.60
PRESTO - X	PEST CONTROL - CH, PD	71.38
PRIMROSE HEATING & A/C	RELOCATE WATER - WA	252.98
PRODUCTIVITY PLUS	FILTERS, CASE - ST	130.50
RITE PRICE OFFICE SUPPLY	PAPER,CLIPS,TAPE,TALLY COUNTER - LIB	157.61
SERVPRO	CARPET CLEANING - CH	708.00
SPAHN & ROSE	REPAIR DOORS,LUMBER,POSTS - ST,AMB	348.32
THOMAS JAMES	GARBAGE - ALL	40.00
TIM DAVIS	PEST CONTROL, FARMERS DAY - PARKS	185.00
TREASURER, STATE OF IOWA	JULY SALES TAX	2,113.00
USA BLUEBOOK	DOOR TAGS - WA	128.66
US CELLULAR	CELL PHONES - AMB,WA,WW,PD,BLDG	272.51
WALMART COMMUNITY	PAPER TOWELS,CLEANER,BAGS - LIB	66.85
TOTAL		56,768.88

### **PUBLIC HEARING**

Motion by Trumbauer, seconded by Vogel to open the public hearing regarding a request to amend the zoning map by rezoning property from “R-1”, Single Family Residential District to “C-2”, Commercial District, for commercial retail purposes (Unity Point Clinic). Motion carried 5:0. The Clerk reported that no oral or written objections had been filed with her office. Mayor Thompson opened the floor for any objections or comments from the public. Noah Junge, 1334 1<sup>st</sup> Street addressed the Council with concerns regarding privacy for the residents behind the proposed facility. Luke Kroeger and Sarah Brown, Unity Point Clinic, provided renderings of the facility. Kroeger and Brown indicated the back of the building will look like a home rather than a commercial building, but that they weren’t opposed to landscaping or plantings for privacy. Hearing no further comments, Thompson requested a motion to close the public hearing. Motion by Vogel seconded by Mott to close the public hearing. Motion carried 5:0.

Motion by Mott, seconded by Vogel to approve the first reading of an ordinance as follows: An Ordinance Amending Ordinance No. 472 to Article II, Section 2.01 Rezoning Certain Property. Roll Call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0.

Motion by Trumbauer, seconded by Vogel to waive the second and third readings of an ordinance as follows: An Ordinance Amending Ordinance No. 472 to Article II, Section 2.01 Rezoning Certain Property. Roll Call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0.

Motion by Mott, seconded by Chemin to adopt an ordinance as follows: An Ordinance Amending Ordinance No. 472 to Article II, Section 2.01 Rezoning Certain Property. Roll Call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0.

### **CITIZEN’S INPUT**

Amanda Masteller, Zeb Masteller, Erin Schutte and Shelia Wenthold, 5<sup>th</sup> Street, addressed the council regarding sanitary sewer back-ups in their basements. All inquired what was being done, if anything and when would they see some relief from the City. The Mayor discussed recent slip lining procedures and progress of the flow monitoring study. Ms. Wenthold also requested the council consider filling in sidewalk gaps during construction projects, to complete the sidewalks rather than leaving them open.

### **COMMUNITY & ECONOMIC DEVELOPMENT**

Motion by Trumbauer, seconded by Vogel to approve a permanent easement for public right of way from George and Deloyce Steinbron. Roll Call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0.

Motion by Trumbauer, seconded by Vogel to approve **Resolution No. 2017-08** Resolution Approving Minor Subdivision Plat, George Steinbron. Roll Call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0.

Motion by Trumbauer, seconded by Vogel to approve **Resolution No. 2017-09** Resolution Approving Minor Subdivision Plat, D & J. Roll Call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0.

## **PUBLIC SAFETY**

Chief Evans reported Officer Jonikka Lyons has accepted a position with the University of Northern Iowa.

Motion by Trumbauer, seconded by Vogel to approve Chief Evans recommendation to change the City of Jesup Golf Cart Regulations to open all streets within the city limits of the City of Jesup, with the exception of South and North Streets, for golf cart travel. Roll Call: Ayes: Solomon, Vogel, Mott, Trumbauer. Nays: Chemin. Motion carried 4:1.

Motion by Trumbauer, seconded by Chemin to approve Chief Evans request to start the application process to fill the positions, vacated by Officers Morrison and Lyons. Motion carried 5:0. Trumbauer asked that all council members receive copies of all applications going forward in order to make an informed decision when approving hiring.

Discussion regarding StruXture Architecture Addendum to Emergency Services Building Contract. Attorney Carter Stevens recommended the Council accept the contract and direct Public Works Director Even to coordinate with StruXture to draw up plans. The Mayor requested the Council meet for a workshop to discuss purchase-to-lease information obtained from the City financial advisor and the bonding attorney. Motion by Trumbauer, seconded by Mott to approve contract as presented to move forward with the project. Roll Call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0. A work session was scheduled for August 4, 2016, 7:00 p.m.

## **CULTURE & RECREATION**

Library Director Lellig reported circulation numbers are up. Attorney Stevens shared he had visited the Library recently. Stevens commended the Director on the services, the reception he received as the staff was very warm and welcoming.

## **PUBLIC WORKS**

Motion by Trumbauer seconded by Vogel to approve **Resolution No. 2017-10** Resolution Approving the Hiring of the Water Superintendent/Facilities Maintenance Technician and Setting the Salary. Roll Call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0. James Masteller will start with the City August 15, 2016. Council member Trumbauer stated council members were again left out of the hiring process and requested all member of the council receive copies of applications for hiring.

Motion by Trumbauer, seconded by Vogel to approve Change Order #3, 5<sup>th</sup> and Church Street Water & Sewer Improvements Project. Net change in contract price \$29,798.20. Roll Call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Motion carried 5:0.

Motion by Vogel, seconded by Trumbauer to approve **Resolution No. 2017-11** Resolution Approving Payment for the 5<sup>th</sup> and Church Street Water & Sewer Improvements Phase II Project, Pay Request No. 1, in the amount of \$109,482.75. Roll Call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Motion carried 5:0.

Motion by Vogel, seconded by Mott to approve **Resolution No. 2017-12** Resolution Approving Payment for the 4<sup>th</sup>, 5<sup>th</sup> and Purdy Street Reconstruction Phase III Project, Pay Request No. 4, in the amount of \$119,211.92. Roll Call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Motion carried 5:0.

Motion by Trumbauer, seconded by Mott to approve the Fehr Graham Engineering Agreement for the Christopher Circle Sanitary Sewer Replacement. Roll Call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Motion carried 5:0.

Motion by Trumbauer, seconded by Chemin, to adjourn the meeting. Motion carried 5:0. Meeting adjourned at 7:50 p.m.

Attest:

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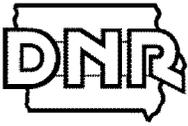
Larry Thompson  
Mayor

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LeAnn M. Even, CMC, ICMC, CFO  
City Clerk/Treasurer

CLAIMS PRESENTED TO THE CITY COUNCIL FOR AUGUST 16, 2016		
WARRANTS WRITTEN SINCE THE AUGUST 2, 2016 MEETING:		
Jesup Postmaster	August water bills - WA,WW	288.66
Accounts Payable	Payroll ACH - 8-15-16	14,766.27
IPERS	City & employees share, retirement	7,284.14
Treasurer, State of Iowa	State payroll withholding tax	2,022.00
AFLAC	Employee paid insurance	443.06
Teamsters Local 238	Police Union Dues	164.00
Wellmark	City and employee share - Blue Cross Blue Shield	10,433.88
Bank Iowa	Payroll taxes - Federal, Medicare, Social Security	5,408.90
Hartford Life Insurance	Life Insurance	159.76
CLAIMS PRESENTED FOR AUGUST 16, 2016		
ADVANCED SYSTEMS	COPIER CONTRACT - CH	231.37
AECOM	ENGINEERING FEES	16,018.68
AMY VANBROCKLIN	RETURN WATER DEPOSIT - WA	80.22
B & B FARM STORE	UNIFORM ALLOWANCE - WA,WW	132.39
BACKES REALTY	RETURN WATER DEPOSIT - WA	92.36
BCEDC	DONATION	7,434.00
BECKY BURKE	REIMB UNIFORM ALLOWANCE - LIB	316.15
BLACK HAWK WASTE DISPOSAL	JULY RECYCLING	802.00
CARD SERVICES	SHIRTS,MEALS,DVD'S - AMB,CH,LIB	653.61
D & D TIRE	ROTATE TIRES - PD	20.00
DON'S TRUCK SALES	SCREWS, NUTS, WASHERS - ST	38.24
DRAIN DOCTOR	TELEVISION - 5TH & CHURCH STREET	320.00
EAST CENTRAL IOWA COOP	ROUND UP - PARKS	103.30
ELECTRONIC ENGINEERING	RADIOS - PD	120.30
EMERGENCY MEDICAL PRODUCT	MEDICAL SUPPLIES - AMB	354.18
FARMERS MUTUAL TELEPHONE CO	TELEPHONE SERVICE - ALL	767.38
FEHR GRAHAM	ENGINEERING FEES	6,885.00
FERTILIZER DEALER SUPPLY	HOSE CLAMPS - WW	29.65
GARY WATSON	RETURN WATER DEPOSIT - WA	36.38
H & R ACCOUNTS	COLLECTION FEES - AMB	332.50
HOME DEPOT	CABINET, DRILL - ST	448.00
INTERSTATE BATTERY	BATTERIES - ST	32.10
INRCOG	DUES, FY 2017 - CH	1,184.40
IOWA CODIFICATION	PREP JULY SUPPLEMENT - CH	57.00
IOWA DEPT NATURAL RESOURCES	NPDES,CONSTRUCTION PERMIT - WW	1,375.00
IOWA ONE CALL	LOCATES - WA	23.40
IOWA PARK & REC ASSOC	FY 2017 MEMBERSHIP - PARKS	375.00
IOWA PRISON INDUSTRIES	STREET SIGNS - TRAFFIC SAFETY	483.56
JESUP FOOD CENTER	WATER,SNACKS - COMM CELEB.LIB	998.17
JESUP MOTOR SUPPLY	TOOLS,BOLTS,STARTING FLUID - ST	84.38
KEYSTONE LABORATORIES	WATER/WASTEWATER ANALYSIS - WA,WW	560.00
KWIK TRIP	121 GAL UNL, 633 GAL UNP, 171 GAL DSL	1,876.83
LYNCH DALLAS	LEGAL FEES - CH	1,006.50
PAUL NIEMANN CONSTRUCTION	ROCK - WA	82.72
PCC-PHYSICIANS CLAIMS COMPANY	ELECTRONIC CLAIMS FEES - AMB	777.20
PRIMROSE HEATING & A/C	PIPE - WA	110.50
PRINSCO	TILE - SW	210.40
REBECCA COLLINS	RETURN WATER DEPOSIT - WA	0.55

ROBERTS, STEVENS & PRENDERGAST	LEGAL FEES - CH, PD	2,650.00
RITE PRICE OFFICE SUPPLY	PAPERTOWELS - CH	23.39
SCHONSTEDT INSTRUMENT	PIPE & CABLE LOCATOR - WA	2,616.00
SUPERIOR WELDING	OXYGEN - AMB	43.77
TOTAL		49,786.58



Iowa Department of Natural Resources  
Wastewater Section  
Construction Permit Application  
**SCHEDULE A, Construction Permit Application**  
**Exhibit 11A**

APPLICANT	ENGINEER
Owner: <u>City of Jesup</u>	Firm: <u>Fehr Graham</u>
Address: <u>791 6th Street, PO Box 592, Jesup IA, 50648-0592</u>	Address: <u>1919 210th Street, Manchester IA, 52057</u>
Representative: <u>Larry Thompson, Mayor</u>	Project Officer: <u>Lucas J. Elsbernd, P.E.</u>
Phone Number: <u>319-827-1522</u>	Phone Number: <u>563-927-2060</u>
Email: <u>jesup@jtt.net</u>	Email: <u>l elsbernd@fehr-graham.com</u>
Project Identification: <u>Christopher Circle Sanitary Sewer Replacement</u>	
Estimated Start Date*: <u>October 2016</u> Estimated Completion Date: <u>October 2016</u>	

PLEASE RESPOND TO ALL QUESTIONS		Yes	No
1. Has an engineering report, facilities plan or other information previously been submitted for this project? <b>If Yes:</b> Project Identity: _____ Date Submitted: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Does the project and construction permit application, as submitted, follow the recommendations, design loadings, construction schedule, permit limits, and conclusions of the approved engineering report or facilities plan? <b>If No:</b> Provide the design basis and technical information justifying all changes.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Are there three complete sets of plans and specifications accompanying this application? For a minor gravity sewer extension within the meaning of 455B.183.3 Code of Iowa and Design Standard 11.1, two complete sets will be adequate for expeditious approval. For more complex projects, three sets of plans and specifications may be requested.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4. Are approved standard specifications a part of this application? <b>If Yes:</b> Approved Standard Specifications of _____ (municipality or firm): <u>Iowa SUDAS</u> Date Approved: <u>2016</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5. Does each set of plans and specifications or engineering report accompanying this application contain a "professional engineering seal" executed in conformance with 542B.16, Code of Iowa? <b>If No:</b> Processing will be delayed pending receipt of applicable design schedules and certified plans, specifications or engineering report.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6. Is this a joint wastewater and water supply project? <b>If Yes:</b> A construction permit application for the water supply project should be submitted separately to the Water Supply Section. A Water Supply permit fee may be required.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Is the applicant to provide treatment of effluent resulting from this construction? <b>If No:</b> A Sewage Treatment Agreement executed by the authority providing treatment must accompany this form.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8. Is a new or amended operation permit necessary to use the facilities described in this application? <b>If Yes:</b> A new or amended permit to operate may be requested prior to the receipt of a construction permit.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9. Is any waterline located within 10 feet; or any private or public well, lake, or public recreation area located within 400 feet of the proposed construction? <b>If Yes:</b> Identify and locate the facility(ies) relative to the proposed construction.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10. Will construction inspection be conducted by a licensed engineer employed by the applicant? <b>If No:</b> Name of Engineering Firm Conducting Inspection: <u>Fehr Graham</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11. Will this project utilize CWSRF loan funds?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

APPLICANT	ENGINEER
I certify that I am the authorized representative of the owner and state that the project identified above is approved by the owner.	I certify that all aspects of the design included in this application conform to applicable standards contained in Chapter 567 IAC 64, or that an explanation and justification for any proposed variations from such standards is attached. I am familiar with the information contained in this application and, to the best of my knowledge, such information is complete and accurate.
Signature _____ Date _____	Signature _____ Date _____

\*Estimated Construction Start Date: Complete applications must be submitted at least 120 days in advance of the date for starting construction in accordance with Rules 567 IAC 60.4 and 64.2

Please complete the Schedule Checklist on the following page of this form.

Ms. LeAnn Even  
City Clerk  
City of Jesup  
Jesup, IA 50648-0592

August 2, 2016

Dear LeAnn,

This is a follow-up from an email sent to you and the Mayor on Friday, July 22. So please excuse any redundancy in my letter:

As you know, I make an effort to appear before your city council 3-4 times a year to provide an update on economic development activities in Jesup and in the county. I would like to meet with your council at your meeting on Tuesday, August 16. Knowing that you usually have a full agenda, I will keep my presentation to under 10 minutes. Sometimes questions may make the presentation a little longer, but questions about activities in the county are a good thing!

Please note that I have included an invoice of \$7,434.00 to be considered, for Jesup's FY2017 annual investment in Buchanan County Economic Development. It is my understanding that this amount was included in your budget for this fiscal year. This amount is based upon your 2010 population of 2520 at a per capita rate of \$2.95. As was noted during your budgetary process, there is no increase in our requested funding.

Thank you for letting me know the specifics of meeting with your council.

As always, I look forward to seeing you and your council.

Kind regards,



George K. Lake  
Executive Director

BCEDC (Buchanan County Economic Development Commission)

# Invoice

DATE	INVOICE #
7/24/2016	17001

BILL TO	SHIP TO
Jesup, City of PO Box 592 Jesup, IA 50648	BCEDC PO Box 109 Independence, IA 50644

DUE DATE	P.O. NUMBER
8/31/2016	

ITEM	DESCRIPTION	QTY	RATE	AMOUNT
Community - FY17 Investment	Per Cap funding \$2.95 x Population	1		7,434.00
On behalf of the Buchanan County Economic Development Commission and the people of Buchanan County, thank you for your continued support.		Subtotal		7,434.00
		0% Tax		
		<b>Total</b>		<b>7,434.00</b>

Chief Josh Evans,

Let me begin by saying thank you for giving me the opportunity to work in Jesup. It is with a heavy heart that I am giving my notice of resignation. I have enjoyed working with you and Officer Roquet these few months that I have been here. I loved interacting with the community and will miss Jesup greatly. I have enjoyed working with you as a chief and wish you and this department all my best. This community is very blessed to have you as their new chief! I am saddened that I am also not able to remain on even in a part time capacity but know that if I was able to I would. Sorry for any inconvenience this may cause you and the community I served.

Officer Jonikka Lyons



## Jesup Ambulance Service

Chief's Report

July 2016

The Jesup Ambulance crew members meeting was held July 27, 2016. Meeting was attended by 6 members.

Class was held 07/26/2016 at fairbank pool for water rescue and treatment of drown victim.

There were 18 calls from June 29, 2016 thru July 27, 2016 . Of these calls, 8 were Medical, 10 were trauma. 2 were to cover for Area Ambulance in Independence, 0 perry township, 2 barclay township, 2 in Westburg township, 1 in Fox township, 9 in town. From these calls, 2 were refusals, Both rigs were out at same time on July 26<sup>th</sup>. Were were Not notified of Jesup Ambulance placed on standby for Independence during the month of July.

Shirts have arrived for Volunteers. These are Dark blue polo's with white Jesup EMS logo. These shirts will be appropriate to wear to Meetings and classes.

Ambulance Board meeting was held 07/28/2016.

Next meeting will be August 31<sup>th</sup> , 2016 at Ambulance Building.

Prepared and submitted by Kandis Ciesielski  
Jesup Ambulance Service

# Public Works Director's Report

Prepared by Chris Even on August 10, 2016

## Water Operational Report (July 1 to July 31)

<u>Water Usage</u>	<u>July 2016</u>	<u>July 2015</u>	<u>% Change</u>
Monthly Average	0.170 MGD	0.173 MGD	-1.7 %
12 Month Average	0.156 MGD	0.153 MGD	2.0 %

<u>Testing</u>	<u>July 2016</u>	<u>Limit</u>
Total Coliforms, 7/06/16	Absent	Absent
Total Coliforms, 7/13/16	Absent	Absent
Total Coliforms, 7/20/16	Absent	Absent

## Wastewater Operational Report (July 1 to July 31)

<u>Testing</u>	<u>July 2016</u>	<u>Limit</u>
Flow, average	0.384 MGD	1.210 MGD
Flow, daily max	1.238 MGD	3.024 MGD
CBOD5, 7 day avg	7.5 mg/l	40.0 mg/l
CBOD5, 30 day avg	6.9 mg/l	25.0 mg/l
TSS, 7 day avg	21.0 mg/l	120.0 mg/l
TSS, 30 day avg	18.3 mg/l	80.0 mg/l
Ammonia Nitrogen, 30 day avg	0.1 mg/l	13.0 mg/l
Ammonia Nitrogen, daily max	0.3 mg/l	13.0 mg/l
pH, min	8.0 s.u.	6.0 s.u.
pH, max	8.7 s.u.	9.0 s.u.

## Projects (Thru August 10)

### 4<sup>th</sup>, 5<sup>th</sup>, and Purdy Street Reconstruction Phase III (2016)

- Jesup Land Improvement has completed installation of all the water main and sanitary sewer improvements on both 4<sup>th</sup> Street and 5<sup>th</sup> Street. They are currently working on placing the recycled asphalt on 4<sup>th</sup> Street and installing storm sewer on 5<sup>th</sup> Street.
- The project must be completed by September 15, 2016.

### 5<sup>th</sup> & Church Street Water and Sewer Improvements Phase II (2016)

- Ray's Excavating has completed installation of most of the water main and storm sewer. They have one block of water main and one block of storm sewer yet to install as well as several water and sewer services. B&B Builders will begin replacing curb and gutter and sidewalks soon.
- Water main and sidewalk work on Prospect Street must be completed by August 19, 2016. The remainder of the project must be substantially completed by October 28, 2016.

### 1<sup>st</sup> Street Railroad Crossing Improvements (2016)

- Top Grade Excavating has been hired to install the culverts in the railroad ditch for an amount not to exceed \$54,925. Top Grade will be installing the culverts at the same time as the other crossing work.

# Utility Billing Report

## August 2016

### Accounts Receivable

	Beginning Balance	Billed	Balance Adjustment	Penalties	7/01/2016 thru 7/31/2016	
					Applied/ Payments	Ending Balance
Grand Total	\$13,058.94					
Billed - Service Charges		\$61,842.66				
Billed - Misc Charges		\$385.00				
Billed - Taxes		\$2,124.68				
Deposit Applied					-\$98.01	
Penalties				\$1,110.00		
Adjustments - Charges			-\$12.14			
Adjustments - Taxes			-\$0.45			
Adjustments - Penalties						
Adjustments - Misc Charges						
Payments					-\$62,608.99	
	\$13,058.94	\$64,352.34	-\$12.59	\$1,110.00	-\$62,707.00	\$15,801.69

### Billing Summary

	Charges	# of Meters	7/01/2016 thru 7/31/2016	
				Consumption
County Fees	\$1,000.00	1000		
Sewer Service Fee	\$16,996.87	1000		
Sewer Rental Fee	\$14,574.29	993		3,986,350
Sewer Only	\$58.20	2		
Water Usage Fee	\$18,027.84	1050		4,882,950
Water Service Fee	\$11,173.32	1015		
Penalty	\$1,110.00			
Miscellaneous Charges	\$385.00			
Tax	\$2,124.23			
Deposit Applied	-\$98.01			
<b>Total</b>	<b>\$65,351.74</b>			

### Nonbilled Meters

	ID #	Previous	Present	July 6th Bill Consumption
Jesup Ambulance Building	9501428	658	658	0
Buchanan County Shop	71288616	1151	1153	200
Jesup Fire Station	12601713	2718	2721	300
Jesup City Hall	83347965	1520	1571	5100
Jesup Public Library	5104848	5793	5851	5800
Jesup Public Works Dept	9572107	372	385	1300
Soccer Irrigation	80818875	6172	6389	217000
Soccer Complex	82964061	99980	99981	100

### Total Nonbilled Construction Usage Bulk Water

				229800
				400
Gallons Pumped	5,427,000			
Gallons Metered	5,113,150			
<b>Unaccounted Water</b>	<b>313,850</b>	<b>5.8%</b>		



# STATE OF IOWA

TERRY E. BRANSTAD, GOVERNOR  
KIM REYNOLDS, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES  
CHUCK GIPP, DIRECTOR

August 2, 2016

City of Jesup  
P.O. Box 592  
Jesup, Iowa 50648

SUBJECT: Compliance Evaluation Inspection  
**Jesup Wastewater Treatment Plant (South)**  
Permit # 1044002

Honorable Mayor and Council:

Enclosed is the report of the recent inspection of the above facility conducted by Brett Meyers of the Field Office #1 staff.

We believe you will find the report self-explanatory and encourage you to take action on the recommendations listed at the end of the report.

**Requirements:**

- 1) Make sure pH meter is properly calibrated. City needs to determine why pH exceedances have occurred.
- 2) Monitoring monthly CBOD5 removal to insure 85% removal rate is met.
- 3) Fix effluent flow meter.
- 4) Remove tree growth and maintain unfinished cell. Contact Iowa DNR Wastewater Engineering Dept. and NPDES permitting section prior to use of this cell.
- 5) A treatment agreement needs to be developed with Hawkeye Tool and Die. This business has been determined to be a significant industrial user and will need to complete baseline monitoring report and submit a Toxic Organic Management Plan to this Department as well as work to develop a treatment agreement with the City of Jesup.

Please review the above requirements and provide a written response with timelines, where applicable, outlining how these requirements will be met. The response should be submitted to this office by **September 2, 2016**.

If you have any comments or questions about the inspection or report, please contact Brett Meyers or myself at (563) 927-2640.

The cooperation and assistance provided by Chris Even during the inspection is appreciated.

Sincerely,

A handwritten signature in black ink that reads "Amber Sauser".

Amber Sauser  
Environmental Specialist Senior

Encl: Baseline Monitoring Report, Toxic Organic Management Plan

cc: DNR Records (w/encl.)  
File WW/Jesup  
10 WW Jesup 1044001 City of Jesup (south) 062916 ins bcm

**Iowa Department of Natural Resources  
Wastewater Treatment Facility Inspection Form**

NPDES Permit #: 1044002

Page 1

**FACILITY INFORMATION**

<b>Facility:</b>	Name: <u>Jesup Wastewater Treatment Plant (South)</u> Plant Grade: <u>WW1L</u>
	Responsible Authority/Owner: <u>City of Jesup</u>
<b>Responsible Operator:</b>	Address: <u>P.O. Box 592</u> Phone: <u>(319) 827-1522</u>
	City: <u>Jesup</u> State: <u>Iowa</u> Zip: <u>50648</u>
	Name: <u>Chris Even</u> Grade: <u>WW III</u> Certification Number: <u>2394</u>
<b>General Description:</b>	Collection system consists of a combination of gravity flow and one lift station. There are two collectors in town that direct flow to lagoons. Wastewater is treated by a continuous discharge aerated four cell lagoon. The cells consist of two primary aerated cells, one secondary aerated cell, and a quiescent cell.
<b>Design Capacity:</b>	Average MGD: <u>1.21 (AWW)</u> Maximum MGD: <u>3.024 (MWW)</u> Pounds BOD/Day: <u>520</u> PE (BOD): <u>3114</u>
<b>Now Treating:</b>	Average MGD: <u>0.2197</u> Maximum MGD: <u>2.07 (12/2015)</u> Pounds PE CBOD5/Day: <u>205 (May 2016)</u> (CBOD5): <u>1228</u>
<b>Receiving Stream:</b>	Period Reviewed: <u>7/1/2014-5/31/2016</u> Population Served: <u>2700 (approx.)</u> <u>Unnamed Tributary to Spring Creek B(LR)</u>

**INSPECTION INFORMATION**

<b>Inspection:</b>	Date and Time of Inspection: <u>6/29/2016 9:00am</u> Purpose: <u>General Compliance inspection</u>
<b>Persons Interviewed:</b>	Date of Last Inspection: <u>7/29/2014</u> Name: <u>Chris Even</u> Title: <u>Operator in Charge</u>

**NPDES PERMIT COMPLIANCE SUMMARY**

<b>Self-Monitoring Effluent Limitations Samples this Inspection:</b>	Operation Reports Submitted: <input checked="" type="checkbox"/> Sat. <input type="checkbox"/> Marg.* <input type="checkbox"/> Unsat.*	Required Data on Reports: <input checked="" type="checkbox"/> Sat. <input type="checkbox"/> Marg.* <input type="checkbox"/> Unsat.*	Testing Adequacy: <input checked="" type="checkbox"/> Sat. <input type="checkbox"/> Marg.* <input type="checkbox"/> Unsat.*
	Self-Monitoring Results: <input checked="" type="checkbox"/> Compliance <input type="checkbox"/> Infrequent Non-Compliance* <input type="checkbox"/> Significant Non Compliance*		
	Type: <u>None</u>	Lab Data Attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	Results: <input type="checkbox"/> Sat. <input type="checkbox"/> Marg.* <input type="checkbox"/> Unsat.*
	Visual Appearance of Effluent: <u>Clear</u>		
<b>Compliance Schedule:</b>	Visual Appearance of Receiving Stream: <u>Clear</u>		
	Compliance w/Schedule: <input type="checkbox"/> Sat. <input type="checkbox"/> Marg.* <input type="checkbox"/> Unsat.* <input checked="" type="checkbox"/> NA		
	Next Item Due: _____ Date Due: _____		

\* Additional details in the narrative report

**AUTHENTICATION**

<b>Inspector:</b>	Name & Title: <u>Brett Meyers</u>	Date: <u>8/2/16</u>
<b>Reviewer:</b>	Name & Title: <u>Amber Sauer, ESS</u>	Date: <u>8/2/16</u>

**Iowa Department of Natural Resources  
Wastewater Treatment Facility Inspection Form**

**NPDES Permit #: 1044002**

**Page 2**

**FACILITY EVALUATION**

Were deficiencies noted or significant observations made during the inspection?

Yes = See Comments Section for details

No = No deficiencies or significant observations were noted

Lack of Entry = Item not applicable or not observed.

Item	Yes	No	Item	Yes	No
<b>1. Collection System</b>			<b>9. Sludge Handling and Disposal</b>		
a. Operation and Maintenance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	a. Operation and Maintenance	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Physical Condition	<input type="checkbox"/>	<input checked="" type="checkbox"/>	b. Physical Condition	<input type="checkbox"/>	<input type="checkbox"/>
c. Dry Weather Capacity	<input type="checkbox"/>	<input checked="" type="checkbox"/>	c. Capacity	<input type="checkbox"/>	<input type="checkbox"/>
d. Infiltration/Inflow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	d. Effectiveness	<input type="checkbox"/>	<input type="checkbox"/>
e. Bypass(es)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	e. Final Disposal, Solids	<input type="checkbox"/>	<input type="checkbox"/>
<b>2. Lift Station(s) (Collection System)</b>			f. Final Disposal, Liquids	<input type="checkbox"/>	<input type="checkbox"/>
a. Operation and Maintenance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>10. Lagoon Structures</b>		
b. Physical Condition	<input type="checkbox"/>	<input checked="" type="checkbox"/>	a. Maintenance	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Capacity	<input type="checkbox"/>	<input checked="" type="checkbox"/>	b. Physical Condition	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Reliability/Emergency Operation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	c. Capacity	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>3. Industrial Waste Pre-Treatment</b>			d. Cell Configuration	<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. Significant Industrial Users	<input checked="" type="checkbox"/>	<input type="checkbox"/>	e. Storage/Drawdown Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Waste Toxicity/ Compatibility	<input type="checkbox"/>	<input type="checkbox"/>	<b>11. Flow Measurement</b>		
c. Strength Reduction	<input type="checkbox"/>	<input type="checkbox"/>	a. Operation and Maintenance	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. Effect on Treatment Plant	<input type="checkbox"/>	<input type="checkbox"/>	b. Capacity	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>4. Preliminary Treatment</b>			c. Continuity	<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. Operation and Maintenance	<input type="checkbox"/>	<input type="checkbox"/>	d. Location, Method/ Effectiveness	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Physical Condition	<input type="checkbox"/>	<input type="checkbox"/>	<b>12. Pumping</b>		
c. Capacity	<input type="checkbox"/>	<input type="checkbox"/>	a. Operation and Maintenance	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Effectiveness	<input type="checkbox"/>	<input type="checkbox"/>	b. Physical Condition	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>5. Primary Treatment</b>			c. Capacity	<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. Operation and Maintenance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	d. Reliability/ Emergency Operation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Physical Condition	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>13. Miscellaneous</b>		
c. Capacity	<input type="checkbox"/>	<input checked="" type="checkbox"/>	a. Location <b>250' From HWY 20</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Sludge/Scum Removal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	b. Odors	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Effectiveness	<input type="checkbox"/>	<input checked="" type="checkbox"/>	c. Emergency Operation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>6. Secondary Treatment</b>			d. Bypass(es)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. Operation and Maintenance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	e. Equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Physical Condition	<input type="checkbox"/>	<input checked="" type="checkbox"/>	f. Buildings & Grounds	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Capacity	<input type="checkbox"/>	<input checked="" type="checkbox"/>	g. Lab Certification	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Recirculation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	h. Other	<input type="checkbox"/>	<input type="checkbox"/>
e. Freezing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>14. Staffing, Operator Certification</b>		
f. Effectiveness	<input type="checkbox"/>	<input checked="" type="checkbox"/>	a. Operator, Direct Responsibility	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>7. Final Settling</b>			b. Shift Operator(s)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. Operation and Maintenance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	c. General Staffing	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Physical Condition	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>15. Supplementary</b>		
c. Capacity	<input type="checkbox"/>	<input checked="" type="checkbox"/>	a. Permit Availability	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Effectiveness	<input type="checkbox"/>	<input checked="" type="checkbox"/>	b. Operation Reports Availability	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>8. Supplementary Treatment</b>			c. Equipment Records Maintenance	<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. Operation and Maintenance	<input type="checkbox"/>	<input type="checkbox"/>	d. Previously Noted Deficiencies	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Physical Condition	<input type="checkbox"/>	<input type="checkbox"/>	e. Improvements	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Capacity	<input type="checkbox"/>	<input type="checkbox"/>	f. Domestic/Industrial Growth	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Effectiveness	<input type="checkbox"/>	<input type="checkbox"/>	g. Recommendations	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			h. Required Actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Iowa Department of Natural Resources  
Wastewater Treatment Facility Inspection Form**

NPDES Permit #: 1044002

Page 3

**INTRODUCTION**

Wastewater from the City of Jesup is treated by aerated, continuous discharge, four cell lagoons. The collection system consists mainly of gravity flow and one lift station. There are two collectors that direct flow to the plant. One collector is located where the old mechanical plant was located (Southeast) NPDES permit #1044001. This plant has been removed and is not longer in operation. All waste water flows through the influent structure where an ISCO 4210 Flow meter and composite sampler are located.

The lagoons consist of two primary cells, one secondary cell, and a quiescent cell that were constructed in 1998. The two primary cells and one secondary cell are 12' deep and cover approximately 2.64 acres. The quiescent cell is 1.09 acres. There exists another secondary cell which was never fully constructed. This cell was constructed with valves and piping in place that is connected to the manhole structures that direct flow between cells. The piping has been capped off as required by previous inspection. The primary cell has 8 aerators. The second primary cell has 6 aerators and the secondary cell also has 6 aerators and all aerators are operated year round. There is an effluent discharge pit with a v notched weir near the quiescent cell. The building next to this has an ISCO 4210 Flow meter (that was not working at time of inspection) and a composite sampler. Effluent pipe extends to stream to the south of the quiescent cell.

**NPDES PERMIT COMPLIANCE SUMMARY**

The monthly operational reports (MOR's) were reviewed for the reporting period from 7/1/2014-5/31/2016.

**Self Monitoring-** The operational reports were submitted regularly and on time.

**Design Capacity-** Submitted flow records indicate the treatment plant did not exceed design standards during review period. There were no reported back ups or bypasses either.

\*The operator is reminded to report all sewage bypasses and basement backups to this department within 24 hours. A written report is due within 5 days of occurrence.

**Effluent Exceedances-** The following effluent violations occurred during review period:

**JESUP, CITY OF STP (SOUTH) - 1044002**

JESUP EPA #:1A0075302	AVERAGE - MG/L		MAXIMUM - STD UNITS		Parameter Monthly Total
	Limit	DMR	Limit	DMR	
<b>Outfall: 001</b>					
			9	9.16	1
			9	9.07	1
			9	9.42	1
	18	20.6666667			1
			9	9.12	1
			9	9.05	1
			9	9.24	1
			9	9.32	1
			9	9.4	1
<b>Total: 9</b>					

The operator has indicated the pH exceedance issues have been an ongoing issue since previous inspection. The city is in the process of contracting an engineering firm to help evaluate the wastewater system and work on future compliance issues.

Iowa Department of Natural Resources  
Wastewater Treatment Facility Inspection Form

NPDES Permit #:1044002

Page 4

**85% CBOD5 Removal-** The following months indicate when this facility did not meet monthly 85% CBOD5 removal requirements:

4/30/2016-84%  
3/31/2016-82%  
12/31/2015-84%  
4/30/2014-79%

The operator is reminded to calculate CBOD5 removal rates to insure compliance with NPDES operational permit.

**FACILITY EVALUATION**

**1) Collection system**

The operator estimated they have replaced 50% of the collection system piping over the past 10 years. Previous reports indicate infiltration and inflow (I/I) remain problematic within the collection system. The operator indicated they are continuing to work on evaluation of I/I problems.

**Lift Station-** The lift station is located on the northwest side of town. It is equipped with an auto dialer and a warning light on the outside of the lift station building. It serves approximately 30 homes. The City has a portable generator and trash pump to use for emergency purposes. There is a bypass valve to the force main that is listed on permit as outfall 002. Previous inspection indicated this was a bypass valve used only in the event of lift station failure. Operator indicated he thought it was actually a connection to pump from the lift station to the force main using a portable generator and a trash pump in the event of power failure. Regardless of its intended use, any direct discharge from this outfall would be considered a bypass.

**Infiltration and Inflow (I/I)**

The operator indicated the city has been working to evaluate infiltration and inflow throughout the collection system. Review of the raw waste flow records do not indicate any design capacity exceedances and no bypasses or basement backups have been reported since previous inspection.

**Industrial Users-**The operator indicated there is one potential significant industrial user in town that he is aware of and that is Hawkeye Tool and Die. After reviewing a survey conducted by Mr. Even, it has been determined that Hawkeye Tool and Die will need to complete baseline monitoring report and submit a Toxic Organic Management Plan to this Department as well as work to develop a treatment agreement with the City of Jesup.

There exists a small industrial park to the west of town but within city limits. There are currently 5 businesses that have private wells and wastewater systems. This department will be requesting information from these users on what type of wastewater they discharge.

**2) Treatment Plant-**

**Lagoon Structures-** The cells do not have composite liners but they are ripped. They appeared in good condition and no damage from burrowing animals or issues with maintenance was observed. The unfinished secondary cell has a lot of established tree growth and weeds along inside and outside berms. It is recommended to control the vegetation in this area to prevent burrowing animals from inhabiting area. Plus the city may need to maintain this for future expansion purposes. Prior to use of this cell, the City is required to obtain construction and operational permits through Wastewater Engineering section and NPDES permitting section.

**Aeration System-** The aeration system is operated year round and the city has a maintenance program.

**Flow Measurement-** The effluent sampler was not functioning at time of inspection. This was noted during previous inspection and needs repaired.

Iowa Department of Natural Resources  
Wastewater Treatment Facility Inspection Form

NPDES Permit #: 1044002

Page 5

**Final Effluent-** Final effluent appeared clear and no visible impact to receiving stream was noted at time of inspection.

**Sludge Disposal-** The operator indicated they have never removed sludge from the lagoons. It is recommended to evaluate sludge depth to determine frequency of sludge removal requirements. A sludge disposal plan has been developed and is on file at City Hall. Sludge disposal plans shall be developed in accordance with of IAC567-chp. 67 *Standards for Application of Sewage Sludge.*

**SUMMARY**

- 1) pH exceedances are ongoing.
- 2) Pipes to unfinished cell capped off as required from previous inspection.
- 3) Effluent flow meter not working.
- 4) Sludge never removed from lagoons.
- 5) Unfinished cell has a lot of overgrowth and needs maintained.
- 6) Hawkeye Tool and Die Company has been determined to be a Significant Industrial User.

**REQUIREMENTS**

- 1) Make sure pH meter is properly calibrated. City needs to determine why pH exceedances have occurred.
- 2) Monitoring monthly CBOD5 removal to insure 85% removal rate is met.
- 3) Fix effluent flow meter.
- 4) Maintain unfinished cell. Contact Iowa DNR Wastewater Engineering Dept. and NPDES permitting section prior to use of this cell.
- 5) A treatment agreement needs to be developed with Hawkeye Tool and Die. This business has been determined to be a significant industrial user and will need to complete baseline monitoring report and submit a Toxic Organic Management Plan to this Department as well as work to develop a treatment agreement with the City of Jesup.

Please provide a written response by **September 2, 2016** for the above requirements and how they will be met including a timeline.

**RECOMMENDATIONS**

- 1) Continue to evaluate collection system for infiltration and inflow.
- 2) This system may be required to meet future nutrient reduction and disinfection requirements.
- 3) Evaluate sludge depth in lagoons.

# Memo

**To:** Jesup City Council  
**From:** Chris Even  
**CC:**  
**Date:** August 12, 2016  
**Re:** Sanitary Sewer Service Rehabilitation

---

The estimated investment required to line a sanitary sewer service is \$3,100 plus \$100/foot. The sanitary sewer service for 535 Hawley Street is approximately 85 feet in length so the estimated cost to line this sanitary sewer service is \$11,600. The sanitary sewer service for 644 6<sup>th</sup> Street is approximately 143 feet in length so the estimated investment to line this sanitary sewer service is \$17,400. The estimated total investment required to line both sanitary sewer services is \$29,000.

Digging and replacing the sanitary sewer services will likely be considerably cheaper than lining the sanitary sewer services. I have requested estimates to dig and replace both sanitary sewer services and expect to have those estimates before the city council meeting. Another challenge is the sanitary sewer service for 644 6<sup>th</sup> Street cuts across the abutting lot to the south. This sanitary sewer should be rerouted around the buildable area of the abutting lot to the south. For these reasons, I will likely be recommending digging and replacing the sanitary sewer services rather than lining them.

The first task that needs to be completed is to visually inspect the sanitary sewer services to determine how inflow and infiltration are getting into the sanitary sewer services. After the visual inspection is performed, we will be able to determine the most effective method(s) to remove the majority of the inflow and infiltration entering the sanitary sewer services.

Before requesting permission to inspect these two homeowner's sanitary sewer services, I am asking for some reassurance from the city council that City intends to perform any repairs that are found to be needed. Because I will not know what specific repairs will be required until after the inspection is performed, **I request the city council authorize any needed repairs up to a maximum amount.**

0531281018

0531281021

0531281020

70 FT

144 FT



# Memo

**To:** Jesup City Council  
**From:** Chris Even  
**CC:**  
**Date:** August 12, 2016  
**Re:** Sanitary Sewer Rehabilitation Equipment

---

The City can purchase a sewer camera for \$6,661.04. This camera is capable of inspecting 1 ½" to 6" diameter sewer pipes and has 100' of cable. This camera will also record video on a USB drive.

The City can purchase a smoke blower for \$2,320.00. We will also need three sewer plugs which can be purchased for \$514.00 each. The total investment for the equipment needed to perform our own smoke testing is \$3,862.00. The city's contract price with Visu-Sewer is \$0.50/foot. The City could hire Visu-Sewer to smoke test about twenty blocks for the same cost as purchasing the equipment ourselves. Another advantage to owning our own equipment is that we can smoke test on our own schedule when conditions are best suited for smoke testing.

## Compact2 CAMERA REEL

### Small Footprint, Big Performance

Big performance in a compact, durable package. Designed to inspect lines from 1.5" to 6" (3.8 cm to 15.2 cm), the Compact2 includes a 100' (30 m) push cable, 1" (2.5 cm) self-leveling camera head and sonde.

### Designed for the CS6Pak

Snap the CS6Pak digital recording monitor into the Compact2's docking system and you're ready for the ultra-fast set-up. Simply power the system on, tilt the monitor to the desired viewing angle and you're ready to capture high quality images and video clips to a USB drive.



### BENEFITS

- **Quick-release CCU docking system** for fast, efficient job set-up
- **Flexible push cable** for pushing ease through multiple tight turns
- **Self-leveling camera** for a crisp, clear, in-pipe image that is always upright
- **Built-in sonde** to locate a point of interest during the pipe inspection

### SPECIFICATIONS

- Weight (without Batteries) ... 16.6 lb (7.5 kg)
- Length.....25" (63.5 cm)
- Width.....14" (35.6 cm)
- Height.....17" (43.2 cm)
- Camera Type .....1" (2.5 cm) Self-Leveling
- Resolution.....648 x 488 (NTSC), 768 X 576 (PAL)
- Light Source .....6 LEDs
- Sonde .....512 Hz
- Push Cable Length.....100' (30 m)
- Push Cable Diameter.....0.26" (0.6 cm)
- Push Cable Core .....0.14" (0.3 cm) Fiberglass
- Push Cable Bend  
Minimum Radius .....2.5" (6.3 cm)
- Line Capacity .....1.5" to 6" (3.8 cm to 15.2 cm)
- Operating Temperature .....32°F to 104°F (0°C to 40°C)
- Storage Temperature.....14°F to 158°F (-10°C to 70°C)
- Ingress Protection  
without Monitor .....IPx5



### ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	WEIGHT (lb.) (kg)	
48093	SeeSnake Compact2 (Reel Only)	16.6	7.5
48113	SeeSnake Compact2 System w/1 Battery and 1 Charger	25.1	11.4
48103	SeeSnake Compact2 System (Battery and AC Adapter NOT included)	22.3	10.1



[RIDGID.COM/seesnake](http://RIDGID.COM/seesnake)

## COMPONENT ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	WEIGHT	
		(lb.)	(kg)
45158	CS6Pak Digital Recording Monitor (Battery and AC Adapter NOT included)	5.7	2.6
45163	CS6Pak w/2 Batteries and 1 Charger	9.5	4.3
45363	AC Battery Adapter	1	0.5
44693	18V Advanced Lithium 2 Battery	1	0.5
44698	18V Advanced Lithium 4 Battery	1.5	0.7
43458	18V Advanced Lithium Battery Charger	2	0.9



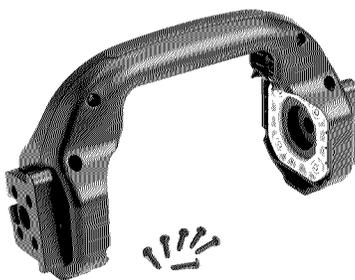
CS6Pak Digital Recording Monitor  
Catalog No. 45158



AC Battery Adapter  
Catalog No. 45363

## SPARE PARTS ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	WEIGHT	
		(lb.)	(kg)
48143	Compact2/CS6Pak Monitor Handle	0.7	0.3
48148	Compact2 Monitor Side Plate Spare Kit	1.3	0.6
48153	SeeSnake Monitor Side Plate Upgrade Kit	1.3	0.6



Compact2/CS6Pak Monitor Handle  
Catalog No. 48143



Compact2 Monitor Side Plate Spare Kit  
Catalog No. 48148



SeeSnake Monitor Side Plate Upgrade Kit  
Catalog No. 48153

1 Item(s) In Cart

CHECKOUT

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WISHLIST (WISHLIST.ASPX)

ORDER STATUS  
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**MANUFACTURERS** ▾ (MANUFACTURERS.ASPX) | **CATEGORIES** ▾ (CATEGORIES.ASPX) |  
**PARTS/ REPAIRS** (T-REPAIRS.ASPX) | **RENTALS** (T-RENTALS.ASPX)

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Now in: Plumbing & Utility Equipment (/c-4-plumbing-utility-equipment.aspx) > Pipe Inspection Equipment (/c-345-pipe-inspection-equipment.aspx) > RIDGID

Compact2 & CS6Pak SeeSnake 100' Video Inspection System w/ Battery 48113



MANUFACTURER: RIDGID SEESNAKE VIDEO  
INSPECTION SYSTEMS  
(HTTPS://WWW.OHIPOWERTOOL.COM/M-136-  
RIDGID-SEESNAKE-VIDEO-INSPECTION-  
SYSTEMS.ASPX)

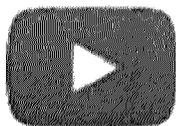
**RIDGID COMPACT2 & CS6PAK  
SEESNAKE 100' VIDEO INSPECTION  
SYSTEM W/ BATTERY 48113**

*RD48103 RD44848*

REGULAR PRICE: \$7,565.85

ON SALE FOR: \$6,661.04

SHIPPING WEIGHT:168.00 LBS



<https://youtube.com/embed/vw4N876ynel>

Quantity: 1

**ADD TO CART**

Add to Wishlist

PRODUCT

INFORMATION

- **RIDGID**
- Financing is available. Click here for details.  
(<http://www.ohiopowertool.com/t-payment.aspx>)

Shipping Estimator

**Country:**

United States



**State/Province:**

AA (Armed Forces Americas)

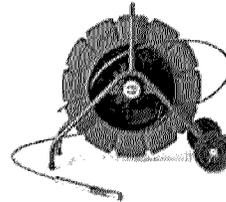


**Zip:**

- Lithium-Ion Battery Power allows you to run on one RIDGID® 2.2A 18V Li-Ion Battery for up to 5 hours.
- Optional AC adaptor part number #45363 is required to run of 110 power.
- Does not include battery or charger
- Built in Sonde: 512Hz
- Quick Release CS6Pak Docking
- Reel frame: 25"x14"x17"
- Camera Head: 1" diameter, Self Leveling
- Camera Light: 6 LED
- Push cable diameter: .26" (.6cm)
- Push Cable Length: 100'
- 1-1/2" to 4" diameter lines
- Includes: 1 Batteries & Charger (44848)

Shipping Estimate:

### RELATED PRODUCTS



#### RIDGID SeeSnake Plus Color Camera with 200 Ft. Reel 14053

Regular Price: \$7,282.90

On Sale For: \$6,409.68

(/p-247-ridgid-seesnake-plus-color-camera-with-200-ft-reel-14053.aspx)

### CUSTOMER INFORMATION

- |  |                                      |
|--|--------------------------------------|
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| Payment Options (t-payment.aspx)                 | My Account (account.aspx)            |
| Brands (manufacturers.aspx)                      | Jobs (t-jobs.aspx)                   |
| Terms and Conditions (t-termsandconditions.aspx) | Privacy Policy (t-privacy.aspx)      |



GNUP

(//www.bizrate.com/ratings\_guide/merchant\_detail\_mid-130876.html?rf=sur)

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Ohio Power Tool has been in business since 1983 providing premier customer service specializing in sales and factory authorized service for all major brands of pneumatic tools, electric tools and hydraulic equipment. Our experienced staff can help you find the right tool for the job!

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SUBMIT



Now In: Collection Systems / Tracing Agents / Superior® High-Output Smoke Blower for Liquid Smoke, 4000 CFM, 25-L



[View larger image](#)



Page 254

**Superior® High-Output Smoke Blower for Liquid Smoke, 4000 CFM, 25-L**

E-mail this product to a friend

- 3-hp Briggs & Stratton engine
- 4,000 cfm air output

Item: 46879  
Weight: 140.0 lbs

**Catalog Price: \$2,320.00**

Quantity:

Engineered specifically for smoke testing sanitary sewers, these blowers feature a 3-hp Briggs & Stratton engine and rustproof fiberglass base. Blowers weigh 65 lbs, and feature twin elevated handles for easy carrying. All blowers offer a 1-year warranty.

Smoke fluid blowers feature a double-insulated custom smoke chamber and precision stainless steel injector to produce more dry smoke and less wet mess. Smoke fluid blowers work with any brand of smoke fluid, and can also be used with smoke candles. Units feature high output blowers that provide 4,000 cfm @ static pressure of 4" water, ideal for challenging jobs requiring more volume and pressure.

An 8" auxiliary outlet lets you blow smoke into openings other than a manhole with just the flip of a lever.

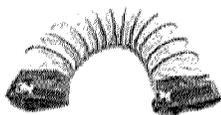
Shipping: Ships motor freight.

**Related Accessories**



Duct, 8" x 6' Hose w/cuffs Vinyl Polyester

\$98.95



Duct, 8" x 10' Hose w/ cuffs Vinyl Polyester

\$102.95



USABlueBook Smoke Fluid, 1 Gallon

\$54.95

**Related Products**



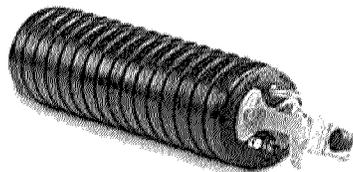
Superior® Smoke Blower for Liquid Smoke w/ 8" Auxiliary Outlet, 1800 CFM, 20-L

**Recently Viewed Products**

Now In: Plugs / Inflatable Plugs / Cherne Remote Plug, 8"-12" 40' Head

### Cherne Remote Plug, 8"-12" 40' Head

E-mail this product to a friend



- Eliminates confined space entry
- Safer than standard plugging processes
- Speeds up plugging process

Item: 26792  
Weight: 11.5 lbs

**Catalog Price: \$514.00**

Quantity:

[View larger image](#)



Page 1137 [Specs](#)

The Remo Remote Plug provides two advantages—it eliminates the need to enter confined spaces and speeds up the pipe plugging process.

This system is safer and less expensive to use than conventional plugging methods because it requires no confined space equipment to simply block sewer flow.

The plug can be inflated and deflated by using a previously attached poly-lift or dual poly-lift line. An aluminum pole system or standard 1" iron pipe is used for placement of the Remo Remote plug into the sewer line.

The Remo system allows easy positioning, inflation, and removal of the plug from the surface. The plug has a hinged elbow which can be fixed, allowing the plug to be locked at a 90° angle to the pole. With the fixed position, you can slip the plug into a lateral line with ease. With the hinged elbow, you can ease the plug into a sewer line with little effort.

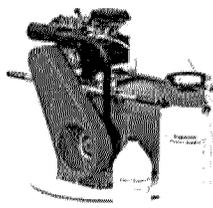
#### Recently Viewed Products



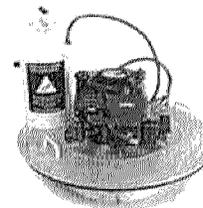
Superior® High-Output Smoke Blower for Liquid Smoke, 4000 CFM, 25-L



Superior® High-Output Smoke Blower for Liquid Smoke, 4000 CFM, 15-L



Superior® Smoke Blower for Liquid Smoke, 1800 CFM, 10-L



Cherne Liquid Smoke Blower with Briggs & Stratton Engine

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# Iowa Codification, Inc.

Ordinance Codification Services

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## 2016 LEGISLATIVE SUMMARY

Enclosed is the 2016 edition of the summary of bills passed by the Iowa General Assembly that affect city codes. This legislation will result in sections of your code being inconsistent with certain State laws.

You will be able to keep your city code consistent with these legislative changes simply by adopting ordinances which appropriately amend your city code. The impact of these changes may differ depending on the language in your city code. Therefore, please review your code carefully to determine which amendments you may need.

If you choose to amend your code to make it consistent with this legislation, we will provide you with each necessary amending ordinance, and, after it is adopted and returned to us, we will codify each ordinance and send the amended pages for insertion into your code books. The fees for these amendments are as listed on the order form.

If you wish to prepare your own amending ordinances, we would be happy to codify them for you after their adoption at the standard supplement rate.

You may also want to send us any ordinances you have adopted and that have not yet been incorporated into your code. By regularly sending in ordinances as they are adopted, your city code can be amended to reflect the changes made by the ordinances. These ordinances will be codified at the standard supplement rate.

This summary is not intended to be an inclusive list of all legislative changes that have an impact on your city; rather, it is a summary of legislative changes that affect your code of ordinances.

If you have any questions, feel free to contact Steve at (641) 355-4074 or at [steve.johnson@iowacodification.com](mailto:steve.johnson@iowacodification.com).

610 Buddy Holly Place • P.O. Box 141 • Clear Lake, Iowa 50428

Phone: 641-357-7596 • Fax: 641-357-7561

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## 2016 LEGISLATIVE CHANGES AFFECTING CITY CODES

**HF 2385 — Litter.** The definition of litter, in Section 455B.361 of the Code of Iowa, has been amended.

City Code 105.02(6)

**HF 2459 — Lien for Nonpayment.** Section 384.84 of the Code of Iowa has been amended to include a lien exemption for nonpayment of utility bills for mobile homes, modular homes, and manufactured homes owned by a tenant of and located in a mobile home park or manufactured home community when the owner or manager of the mobile home park or manufactured home community is the account holder.

City Code 92.10

**SF 2115 — Interference with Official Acts.** Section 719.1 of the Code of Iowa has been amended to include jailer.

City Code 41.06

### FOR YOUR INFORMATION ONLY:

**HF 2414 — Transportation Network Companies and Taxicabs** — This bill establishes new law regulating transportation network companies (e.g., Uber-type services). It provides that the DOT is the exclusive regulator of transportation network companies and their drivers but allows an exception for commercial service airports. Regulation by political subdivisions is prohibited.

Section 4 of this bill also establishes limits on the regulation of taxicabs by local authorities. If your city has an ordinance regulating taxicabs, we recommend you consult your City Attorney for any changes that might be needed.

Chief Evans would like to amend the City Ordinance

No Parking Zones 69.08 to add #22

Third Street, West Side, from Douglas St. to South Street.

**\*\* ORDER FORM \*\***

**2016 LEGISLATIVE CHANGES**

City \_\_\_\_\_

Address \_\_\_\_\_

Place a check in the space provided for each amendment that you want prepared for you.

Bill	Subject	Price	✓
HF 2385	Litter	\$200.00	
HF 2459	Lien Exemption	\$200.00	
SF 2115	Interference with Official Acts	\$200.00	

*No parking*

*\$200.00*

Signature \_\_\_\_\_

Title \_\_\_\_\_

I understand that for each of the above amendments ordered, I will be charged a fee and will receive one amending ordinance and, after it is adopted and returned to Iowa Codification, Inc., the amended pages for insertion into the city's code books. The bill for these amendments will be sent when the ordinances are shipped.

**PLEASE DO NOT SEND PAYMENT WITH THE ORDER FORM.**