Map Scale: 1:1,080 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 15 30 60 90

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Jasper County, Iowa
Survey Area Data: Version 26, Jun 10, 2020

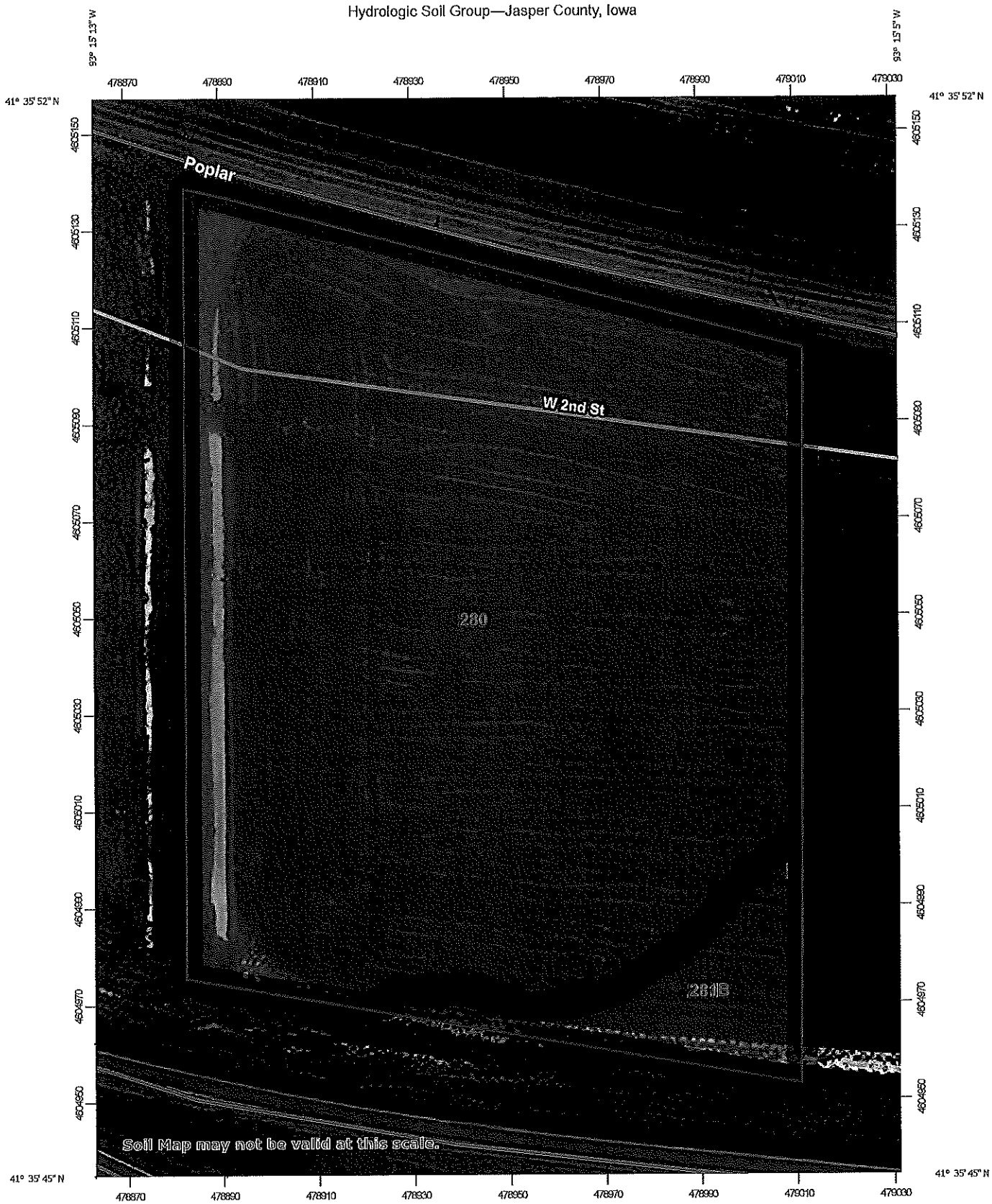
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 4, 2015—Feb 21, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
280	Mahaska silty clay loam, 0 to 2 percent slopes	4.7	92.3%
281B	Otley silty clay loam, 2 to 5 percent slopes	0.4	7.7%
Totals for Area of Interest		5.1	100.0%



Map Scale: 1:1,080 if printed on A portrait (8.5" x 11") sheet.

Meters: 0 15 30 60 90

Feet: 0 50 100 200 300

N

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

Soil Rating Polygons

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Lines

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Points

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Jasper County, Iowa
Survey Area Data: Version 26, Jun 10, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 4, 2015—Feb 21, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
280	Mahaska silty clay loam, 0 to 2 percent slopes	C/D	4.7	92.3%
281B	Otley silty clay loam, 2 to 5 percent slopes	C	0.4	7.7%
Totals for Area of Interest			5.1	100.0%

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

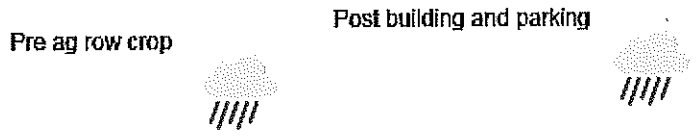
Tie-break Rule: Higher

Basin Model

Hydrology Studio v 3.0.0.20

Project Name:

10-22-2021



Hydrograph by Return Period

Project Name:

10-22-2021

Hydrology Studio v 3.0.0.20

Hyd. No.	Hydrograph Type	Hydrograph Name	Peak Outflow (cfs)							
			1-yr	2-yr	3-yr	5-yr	10-yr	25-yr	50-yr	100-yr
1	NRCS Runoff	Pre ag row crop	5.236	7.329		9.997	12.17	15.14	17.45	19.84
2	NRCS Runoff	Post building and parking	3.455	5.320		7.784	9.845	12.73	15.01	17.42

IDF Report

IDF filename: PrairieCityIowa.idf

10-22-2021

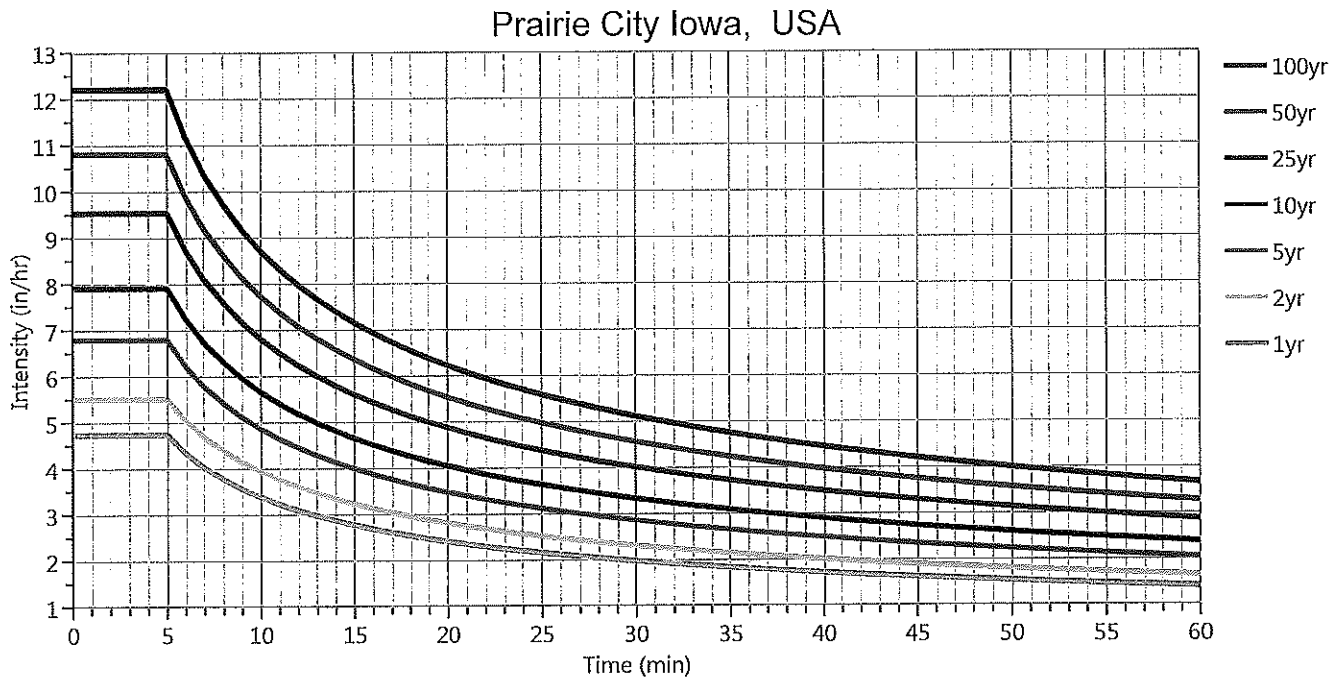
Hydrology Studio v 3.0.0.20

Equation Coefficients	Intensity = B / (Tc + D)^E (in/hr)								
	1-yr	2-yr	3-yr	5-yr	10-yr	25-yr	50-yr	100-yr	
B	10.3884	12.0356	0.0000	14.8092	17.2524	20.7855	23.4766	26.6589	
D	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
E	0.4888	0.4866	0.0000	0.4845	0.4845	0.4845	0.4824	0.4857	

Minimum Tc = 5 minutes

Tc (min)	Intensity Values (in/hr)								
	1-yr	2-yr	3-yr	5-yr	10-yr	25-yr	50-yr	100-yr	
Cf	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
5	4.73	5.50	0	6.79	7.91	9.53	10.80	12.20	
10	3.37	3.93	0	4.85	5.65	6.81	7.73	8.71	
15	2.76	3.22	0	3.99	4.65	5.60	6.36	7.16	
20	2.40	2.80	0	3.47	4.04	4.87	5.53	6.22	
25	2.15	2.51	0	3.11	3.63	4.37	4.97	5.58	
30	1.97	2.30	0	2.85	3.32	4.00	4.55	5.11	
35	1.83	2.13	0	2.64	3.08	3.71	4.22	4.74	
40	1.71	2.00	0	2.48	2.89	3.48	3.96	4.44	
45	1.62	1.89	0	2.34	2.73	3.29	3.74	4.20	
50	1.53	1.79	0	2.23	2.59	3.12	3.56	3.99	
55	1.46	1.71	0	2.12	2.48	2.98	3.40	3.81	
60	1.40	1.64	0	2.04	2.37	2.86	3.26	3.65	

Cf = Correction Factor applied to Rational Method runoff coefficient.



NOAA Atlas 14, Volume 8, Version 2
Location name: Prairie City, Iowa, USA*
Latitude: 41.5984°, Longitude: -93.234°
Elevation: 925.46 ft**
* source: ESRI Maps
** source: USGS

POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Deborah Martin, Sandra Pavlovic, Ishani Roy, Michael St. Laurent, Carl Trypaluk, Dale Unruh, Michael Yekta, Geoffery Bonnin

NOAA, National Weather Service, Silver Spring, Maryland

PF_tabular | PF_graphical | Maps_&_aerials

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches/hour)[1]

Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	4.73 (3.89-5.78)	5.50 (4.51-6.72)	6.79 (5.56-8.32)	7.91 (6.44-9.73)	9.53 (7.54-12.0)	10.8 (8.36-13.8)	12.2 (9.08-15.8)	13.6 (9.74-18.0)	15.6 (10.7-20.9)	17.1 (11.5-23.2)
10-min	3.46 (2.85-4.24)	4.02 (3.30-4.92)	4.97 (4.07-6.09)	5.80 (4.72-7.12)	6.98 (5.51-8.82)	7.94 (6.12-10.1)	8.93 (6.65-11.6)	9.97 (7.13-13.1)	11.4 (7.85-15.3)	12.5 (8.40-17.0)
15-min	2.82 (2.32-3.44)	3.27 (2.68-4.00)	4.04 (3.31-4.95)	4.71 (3.83-5.79)	5.68 (4.48-7.17)	6.45 (4.98-8.22)	7.26 (5.41-9.40)	8.10 (5.80-10.7)	9.27 (6.38-12.5)	10.2 (6.83-13.8)
30-min	1.97 (1.62-2.41)	2.30 (1.89-2.81)	2.85 (2.33-3.49)	3.32 (2.70-4.09)	4.00 (3.16-5.06)	4.55 (3.51-5.79)	5.11 (3.81-6.62)	5.70 (4.08-7.52)	6.51 (4.48-8.75)	7.15 (4.79-9.68)
60-min	1.26 (1.04-1.55)	1.48 (1.22-1.81)	1.85 (1.52-2.27)	2.18 (1.77-2.68)	2.65 (2.09-3.35)	3.03 (2.33-3.86)	3.42 (2.55-4.43)	3.84 (2.75-5.06)	4.41 (3.04-5.93)	4.87 (3.26-6.59)
2-hr	0.772 (0.640-0.935)	0.908 (0.751-1.10)	1.14 (0.942-1.39)	1.35 (1.10-1.64)	1.65 (1.31-2.07)	1.89 (1.47-2.39)	2.14 (1.61-2.76)	2.41 (1.74-3.16)	2.79 (1.94-3.72)	3.08 (2.08-4.14)
3-hr	0.568 (0.473-0.685)	0.670 (0.557-0.809)	0.847 (0.702-1.02)	1.00 (0.827-1.22)	1.23 (0.989-1.54)	1.42 (1.11-1.79)	1.62 (1.23-2.07)	1.83 (1.33-2.39)	2.12 (1.49-2.82)	2.36 (1.60-3.15)
6-hr	0.334 (0.280-0.399)	0.393 (0.330-0.470)	0.497 (0.416-0.596)	0.590 (0.490-0.709)	0.727 (0.589-0.904)	0.840 (0.664-1.05)	0.960 (0.734-1.22)	1.09 (0.798-1.41)	1.27 (0.896-1.67)	1.41 (0.969-1.87)
12-hr	0.192 (0.163-0.227)	0.225 (0.190-0.266)	0.281 (0.237-0.334)	0.332 (0.278-0.395)	0.407 (0.333-0.501)	0.469 (0.374-0.581)	0.534 (0.412-0.674)	0.604 (0.448-0.776)	0.702 (0.501-0.920)	0.780 (0.541-1.03)
24-hr	0.111 (0.095-0.130)	0.128 (0.109-0.150)	0.158 (0.134-0.186)	0.185 (0.156-0.218)	0.224 (0.185-0.274)	0.257 (0.207-0.316)	0.291 (0.227-0.364)	0.328 (0.245-0.418)	0.380 (0.274-0.493)	0.421 (0.295-0.550)
2-day	0.064 (0.055-0.074)	0.073 (0.063-0.085)	0.089 (0.076-0.104)	0.103 (0.088-0.120)	0.124 (0.103-0.149)	0.141 (0.114-0.171)	0.159 (0.125-0.197)	0.178 (0.134-0.225)	0.205 (0.149-0.264)	0.226 (0.160-0.293)
3-day	0.047 (0.040-0.054)	0.053 (0.046-0.062)	0.065 (0.056-0.075)	0.075 (0.064-0.087)	0.090 (0.075-0.108)	0.102 (0.083-0.123)	0.114 (0.090-0.141)	0.128 (0.097-0.160)	0.146 (0.107-0.187)	0.161 (0.115-0.208)
4-day	0.038 (0.033-0.043)	0.043 (0.037-0.050)	0.052 (0.045-0.060)	0.060 (0.052-0.070)	0.072 (0.060-0.086)	0.082 (0.067-0.098)	0.092 (0.072-0.112)	0.102 (0.078-0.127)	0.116 (0.086-0.149)	0.128 (0.091-0.165)
7-day	0.026 (0.022-0.029)	0.029 (0.025-0.033)	0.035 (0.030-0.040)	0.040 (0.035-0.046)	0.048 (0.040-0.056)	0.054 (0.044-0.064)	0.060 (0.048-0.073)	0.067 (0.051-0.083)	0.076 (0.056-0.096)	0.083 (0.060-0.107)
10-day	0.021 (0.018-0.023)	0.023 (0.020-0.026)	0.028 (0.024-0.031)	0.032 (0.027-0.036)	0.037 (0.032-0.044)	0.042 (0.035-0.050)	0.047 (0.037-0.056)	0.052 (0.040-0.064)	0.059 (0.044-0.074)	0.064 (0.047-0.082)
20-day	0.014 (0.012-0.016)	0.016 (0.014-0.018)	0.019 (0.016-0.021)	0.021 (0.018-0.024)	0.024 (0.021-0.028)	0.027 (0.023-0.032)	0.030 (0.024-0.036)	0.033 (0.026-0.040)	0.037 (0.028-0.046)	0.040 (0.029-0.050)
30-day	0.012 (0.010-0.013)	0.013 (0.011-0.014)	0.015 (0.013-0.017)	0.017 (0.015-0.019)	0.020 (0.017-0.023)	0.022 (0.018-0.025)	0.024 (0.019-0.028)	0.026 (0.020-0.031)	0.029 (0.022-0.035)	0.031 (0.023-0.039)
45-day	0.009 (0.009-0.011)	0.011 (0.010-0.012)	0.012 (0.011-0.014)	0.014 (0.012-0.016)	0.016 (0.014-0.018)	0.018 (0.015-0.020)	0.019 (0.016-0.023)	0.021 (0.016-0.025)	0.023 (0.017-0.028)	0.024 (0.018-0.030)
60-day	0.008 (0.007-0.009)	0.009 (0.008-0.010)	0.011 (0.010-0.012)	0.012 (0.011-0.014)	0.014 (0.012-0.016)	0.015 (0.013-0.018)	0.017 (0.014-0.019)	0.018 (0.014-0.021)	0.019 (0.015-0.024)	0.020 (0.015-0.025)

[1] Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).

Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values.

Please refer to NOAA Atlas 14 document for more information.

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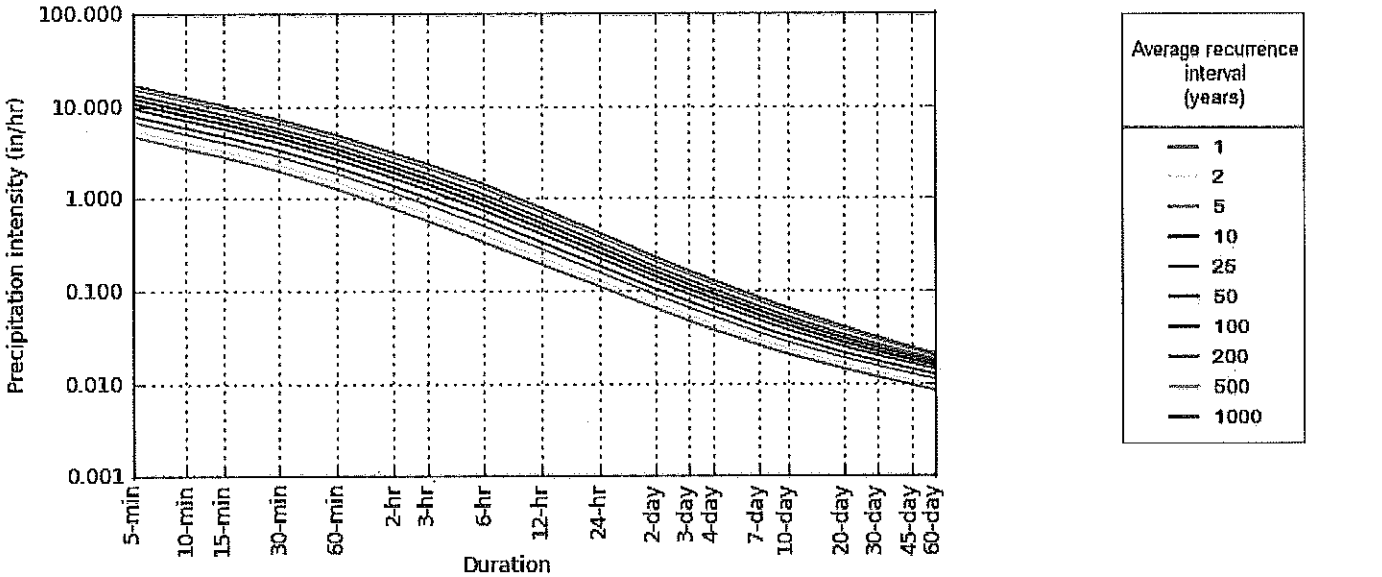
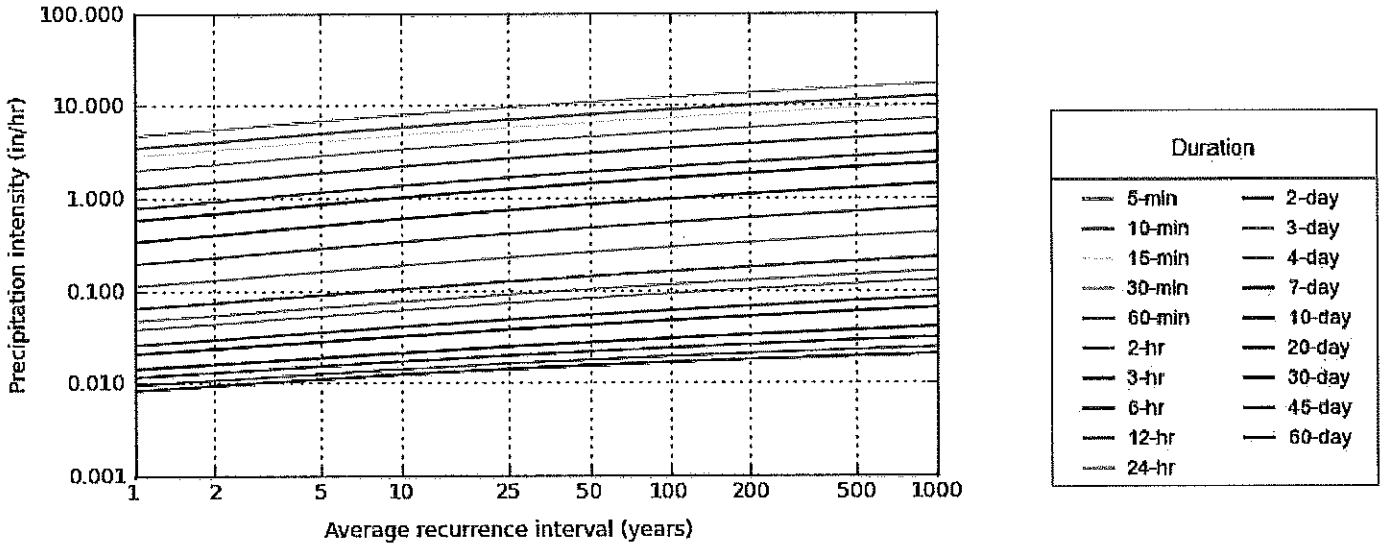
PF graphical

PDS-based intensity-duration-frequency (IDF) curves
Latitude: 41.5984°, Longitude: -93.2340°





NOAA Atlas 14, Volume 8, Version 2

Created (GMT): Thu Sep 9 21:14:15 2021

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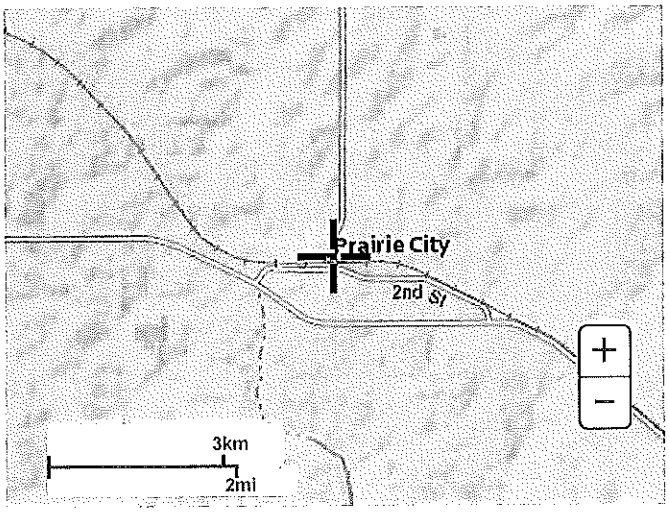
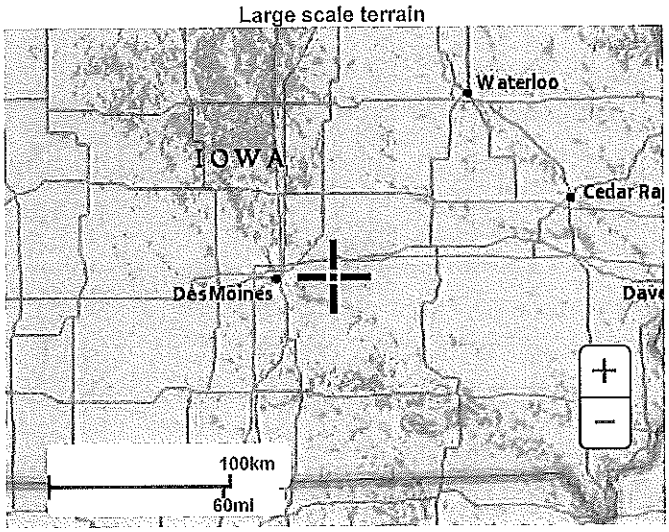
Maps & aerials

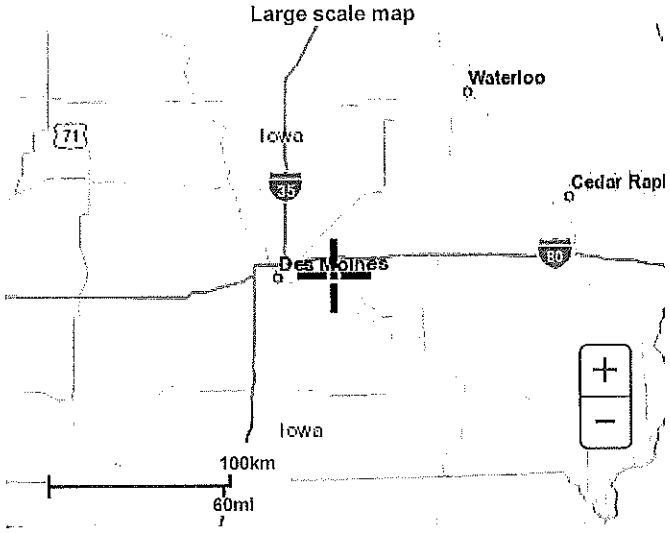
Small scale terrain



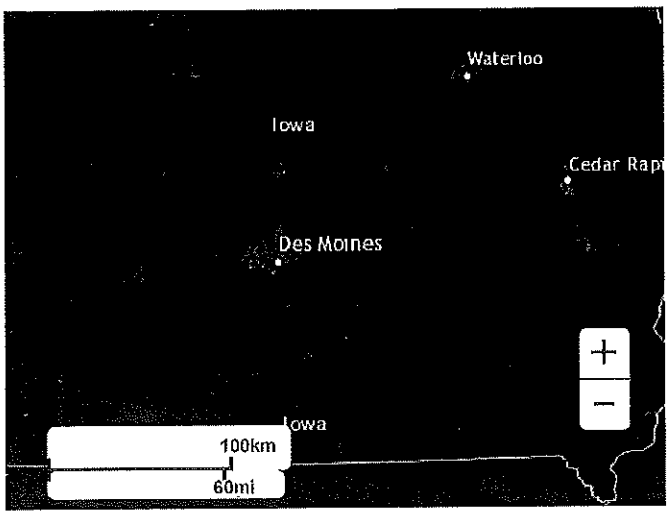
Large scale terrain



Large scale map



Large scale aerial



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US Department of Commerce
National Oceanic and Atmospheric Administration
National Weather Service
National Water Center
1325 East West Highway
Silver Spring, MD 20910
Questions?: HDSC.Questions@noaa.gov

Disclaimer

RESOLUTION NO. 12-08-21-5

RESOLUTION SETTING A PUBLIC HEARING

BE IT RESOLVED by the Council of the City of Prairie City, Iowa:

The Council of the City of Prairie City, Iowa, hereby approves setting a public hearing for January 12, 2022. This public hearing is required by Iowa Code to allow the public to voice their opinions on the Budget Amendment which will be discussed at the regular council meeting January 12, 2021 at 6:00 p.m. at Prairie City, City Hall and via zoom video meeting.

Approved and adopted this 8th day of December, 2021.

_____
Chad Alleger, MAYOR

ATTEST:

_____
Jodie Wyman, City Administrator/City Clerk

NOTICE

TO THE CITIZENS OF PRAIRIE CITY, JASPER COUNTY, IOWA:

Notice is hereby given that on the 8th day of December, 2021 at six o'clock, a public hearing will be held before the City Council of Prairie City, Iowa, in the Council Chambers of City Hall of Prairie City, Iowa, with reference to amending the Prairie City Code of Ordinances as it pertains to Use of Public Sewers.

If you are unable to attend, written notice may be sent to Prairie City, City Hall, at 203 E Jefferson St, Prairie City, IA 50228 no later than 4:30 P.M. on December 8th, 2021 or you can contact City Hall for the Zoom Link.

This Notice is given in accordance with the requirements of Sections 364.7 and 362.3 of the 2019 Code of Iowa and amendments thereto.

ORDINANCE NO. 388

AN ORDINANCE AMENDING THE CODE OF ORDINANCES OF THE CITY OF PRAIRIE CITY, IOWA, TO UPDATE USE OF PUBLIC SEWERS

WHEREAS, the City of Prairie City, Iowa, has property regulations, which provide guidance on the standards for, among other things, the uses of public sewers; and

WHEREAS, these regulations recognize that certain uses have characteristics that require additional controls in order to protect public health, safety, and welfare, and the City of Prairie City also provides for staff to inspect complaints; and

WHEREAS, the City of Prairie City's requirements are designed, among other things, to enhance public safety, improve the appearance of the community, and conserve the value of properties within the City and its extra-territorial jurisdiction; and

WHEREAS, the language of the Code of Ordinances is intended to provide predictable, uniform standards—which are subject to updating by the City Council from time to time.

NOW THEREFORE BE IT RESOLVED by the City Council of Prairie City, Iowa, that it hereby amends City Code Chapter 97 to update Use of Public Sewer Regulations. The Council further authorizes City staff to take all action necessary to effectuate these changes, as follows:

SECTION 1. SECTION MODIFIED. Section 97.03, Chapter 97 of the Code of Ordinances of the City of Prairie City, Iowa, is amended to state:

97.03 Prohibited Discharges. ***No person shall discharge or cause to be discharged any storm water runoff, ground water, roof runoff, subsurface drainage, cooling water or unpolluted industrial process water into any sanitary sewer.***

SECTION 2. SECTION MODIFIED. Section 97.04, Chapter 97 of the Code of Ordinances of the City of Prairie City, Iowa, is amended to state:

97.04 Prohibited Wastes. Unless otherwise agreed to in writing by the City, no person shall discharge or cause to be discharged in the following described substances, materials, waters, or wastes if it appears likely in the opinion of the Water/Wastewater Superintendent that such waters or wastes can harm either the sewers, sewage treatment process, or equipment, have an adverse effect on the receiving stream or can otherwise endanger life, limb, public property, or constitute a nuisance. In forming an opinion as to the acceptability of these waters and/or wastes, the Superintendent will give consideration to such factors as the quantities of subject waters or wastes in relation to the flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, capacity of the sewage treatment plant, degree of treatability of waters or wastes in the sewage treatment plant and other pertinent factors.

The prohibited substances include:

A. Any solid, liquid, or gas having a temperature higher than one hundred fifty degrees Fahrenheit (150°F) (65°C).

B. Any gasoline, benzene, naphtha, fuel oil, petroleum products or derivatives, mineral oil or other flammable or explosive liquid, solid or gas.

C. Any water or wastes containing fats, wax, grease, or oils, whether emulsified or not, in excess of one hundred milligrams per liter (100 mg/l) or six hundred milligrams per liter of dispersed or other soluble matter, or containing substances that will solidify or become discernibly viscous at temperatures between thirty two degrees (32°) and one hundred fifty degrees Fahrenheit (150°F) (0° and 65°C).

D. Any garbage that has not been properly shredded, that is, to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than one-half (1/2) inch in any dimension.

E. Any ashes, bones, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, underground garbage, paunch manure, blood, hair and fleshings, entrails, beer or distillery slops, chemical resides, paint, or ink residues, paper dishes, cups, milk containers, cannery wastes, tannery wastes, bulk solids, or any other solid or viscous substance capable of causing obstruction to the flow in sewers or interference with the proper operation of the wastewater facilities.

F. Any waters or wastes having a pH lower than five and five-tenths (5.5) or greater than nine and five-tenths (9.5), or having any other corrosive property capable of causing damage or hazard to wastewater facilities, equipment or personnel, or create any hazard in the receiving stream, including, but not limited to, cyanides in excess of 0.025 milligrams per liter as cyanides or in excess of 1.0 milligrams per liter of hydrogen sulfide in the wastewater discharged to the public sewers, which is subject to change to come into compliance with applicable state and federal regulations.

G. Any waters or wastes containing strong acid iron pickling wastes, or concentrated plating solution whether neutralized or not.

H. Any waters or wastes containing iron, chromium, copper, zinc and similar objectionable or toxic or poisonous substances, either singly or by interaction with other wastes, to such degree that any such material received in the composite wastewater exceeds the limits established by the Water/Wastewater Superintendent in compliance with applicable state or federal regulations.

I. Any radioactive wastes or isotopes of such half-life or concentrations may exceed limits established by the Water/Wastewater Superintendent in compliance with applicable state or federal regulations.

J. Any water or wastes containing phenols or other taste or odor producing substances, in such concentrations exceeding limits established by the Water/Wastewater Superintendent in compliance with regulations of state or federal agencies having jurisdiction over discharge to the receiving streams.

K. Any water, wastes, materials, or substances which either singly or by interaction with other water or wastes in the sewerage system, release

obnoxious or malodorous gases, form suspended solids in unusual concentration or create any other condition deleterious to structures and treatment processes or which is capable of creating a public nuisance or hazard to public health.

L. Materials which exert or cause:

1. Unusual concentrations of inert suspended solids (such as, but not limited to, Fuller's earth, lime slurries and lime residues) or of dissolved solids (such as, but not limited to, sodium chloride and sodium sulfate).

2. Excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions).

3. Any waters or wastes having a five-day biochemical oxygen demand greater than three hundred (300) parts per million by weight, or containing more than three hundred fifty (350) parts per million by weight of suspended solids, or having an average daily flow greater than two percent (2%) of the average sewage flow of the City, shall be subject to the review of the Water/Wastewater Superintendent. Where necessary in the opinion of the Superintendent, the owner shall provide, a the owner's expense, such preliminary treatment as may be necessary to reduce the biochemical oxygen demand to three hundred (300) parts per million by weight, or reduce the suspended solids to three hundred fifty (350) parts per million by weight, or control the quantities and rates of discharge of such waters or wastes. Plans specifications, and any other pertinent information relating to proposed preliminary treatment facilities shall be submitted for the approval of the Superintendent and no construction of such facilities shall be commenced until said approvals are obtained in writing.

4. Volume of flow or concentration of wastes constituting a slug. A "slug" is defined as the intermittent release or discharge of industrial waste.

M. Waters or wastes containing substances which are not amenable to treatment or reduction by the wastewater treatment processes employed, or are amendable to treatment only to such degree that the wastewater treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving stream.

SECTION 3. SECTION MODIFIED. Section 97.05, Chapter 97 of the Code of Ordinances of the City of Prairie City, Iowa, is amended to state:

97.05 Grease, Oil or Sand Traps. Grease, oil, or sand traps shall be provided when they are necessary for the proper handling of liquid wastes containing grease in excessive amounts or any flammable wastes, and/or other harmful ingredients. All traps or similar devices shall be of a type and capacity to prevent discharge of grease, oil, or sand into the public sewer, and shall be readily and easily accessible for cleaning and inspection. All grease, oil, or sand traps shall be provided and maintained in continuously efficient operation at all times by the person at his own expense. Owners shall maintain records of maintenance and cleaning of grease, oil, and sand

interceptors. The sewer department shall inspect the grease, oil, or sand traps at six (6) month intervals and provide a report with any needed maintenance issues.

SECTION 4. SECTION MODIFIED. Section 97.06, Chapter 97 of the Code of Ordinances of the City of Prairie City, Iowa, is amended to state:

97.06 Remedial Action. If any water or wastes are discharged, or are proposed to be discharged to the public sewer, which waters or wastes contain the substances or possess the characteristics enumerated in section 97.04 of this chapter, and which in the judgement of the Water/Wastewater Superintendent may have deleterious effect unto wastewater facilities or treatment process, or upon the receiving stream, or which otherwise create a hazard to the public health or constitute a public nuisance, the Water/Wastewater Superintendent may:

A. Refuse to accept the wastes into the pubic sewer;

B. Require pretreatment by the person at his own expense, to an acceptable condition for discharge to the public sewer;

C. Require control over the quantities and rates of discharge;

D. Require payment to cover the added cost of handling and treating the wastes not covered by existing taxes or sewer charges under the provisions of Chapter 99.

SECTION 5. SECTION MODIFIED. Section 97.07, Chapter 97 of the Code of Ordinances of the City of Prairie City, Iowa, is amended to state:

97.07 Special Facilities. If the Water/Wastewater Superintendent permits the pretreatment for equalization of waste flows, the design and installation of the plants and equipment shall be subject to the review and approval of the Superintendent and subject to the requirements of all applicable codes, ordinances, and laws. Where preliminary treatment or flow-equalizing facilities are provided for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner at the owner's expense.

SECTION 6. SECTION MODIFIED. Section 97.08, Chapter 97 of the Code of Ordinances of the City of Prairie City, Iowa, is amended to state:

97.08 Right of Entry.

A. The Water/Wastewater Superintendent shall have the right, during reasonable hours and upon the consent of the occupant, to enter any building or premises of any person who discharges or whom the Water/Wastewater Superintendent has reasonable grounds to believe is discharging industrial waste into the public sanitary sewer, for the purpose of inspection, observation, measurement, sampling and testing and to such extent as may be necessary to carry out the provisions of this chapter.

B. Where the building or premises is occupied, the consent of the owner shall be obtained. If the Water/Wastewater Superintendent has reasonable cause to believe that the discharge of industrial waste on the premises constitutes an extreme hazard to persons or property, he shall have the right to immediately enter for such purposes of inspection, and may use any reasonable means required to effect such

entry and make such inspection, whether such property be occupied or unoccupied and whether or not permission to inspect has been obtained.

SECTION 7. SECTION MODIFIED. Section 97.09, Chapter 97 of the Code of Ordinances of the City of Prairie City, Iowa, is amended to state:

97.09 Collection Point for Sampling. Any person or entity who discharges industrial, commercial, or any wastewater identified as having a strength in excess of domestic wastewater into the public sanitary sewer shall, upon request by the Water/Wastewater Superintendent, provide a central collection point with adequate flow measurement devices to record flow and to facilitate observation and sampling of the water or wastes. Such collection points shall be located to provide easy access to the Water/Wastewater Superintendent, without knowledge of the person. The collection points and flow measurement devices shall be constructed in accordance with plans approved by the Water/Wastewater Superintendent, installed and maintained by the person at his own expense.

SECTION 8. SECTION MODIFIED. Section 97.10, Chapter 97 of the Code of Ordinances of the City of Prairie City, Iowa, is amended to state:

97.10 Measurements, Tests and Analyses. All measurements, tests, and analyses of the characteristics of water and wastes shall be determined in accordance with the procedures set forth in the most recent edition of "Standard Methods for the Examination of Water and Wastewater", published by the American Public Health Association. Scheduled testing and analyzing that may be required of the City on certain industrial customers shall be charged to the customer at rates set by the Council. (The particular analyses involved will determine whether a twenty-four hour (24-hour) composite of all outfalls of a premises is appropriate or whether a grab sample or samples should be taken. Normally, but not always, BOD and suspended solids analyses are obtained from twenty-four hour (24-hour) composites of all outfalls whereas pHs are determined from periodic grab samples).

SECTION 9. SECTION MODIFIED. Section 97.11, Chapter 97 of the Code of Ordinances of the City of Prairie City, Iowa, is amended to state:

97.11 Malicious Damage. No person shall maliciously or willfully break, damage, destroy, uncover, deface, or tamper with any structures, appurtenances, or equipment, which is part of the public wastewater system.

SECTION 10. REPEALER. All Ordinances or parts thereof in conflict with the provisions of this Ordinance are hereby repealed.

SECTION 11. SEVERABILITY CLAUSE. If any section, provision, or part of this Ordinance shall be adjudged invalid or unconstitutional, such adjudication shall not affect the

validity of the Ordinance as a whole or any section, provision, or part thereof not adjudged invalid or unconstitutional.

SECTION 12. WHEN EFFECTIVE. This Ordinance shall be in effect from and after its final passage, approval, and publication as provided by law.

Passed First Reading by the City Council of Prairie City, Iowa, ___ day of _____, 2021.

Passed Second Reading by the City Council of Prairie City, Iowa, the ____day of _____, 2021.

PASSED AND ENACTED by the City Council of Prairie City, Iowa, the ____ day of _____, 2021.

_____
Chad Alleger, Mayor

Attest:

_____
Jodie Wyman, City Administrator/City Clerk

CERTIFICATE

I, Jodie Wyman, City Administrator/City Clerk of the City of Prairie City, Iowa, hereby certify that the foregoing Ordinance No. 388 was published in a Prairie City newspaper published at least once weekly and having general circulation in the City of Prairie City, Iowa, on the _____ day of _____ 2021.

_____
Jodie Wyman, City Administrator/City Clerk

RESOLUTION NO. 12-08-21-4

RESOLUTION WAIVING THE SECOND AND THIRD READINGS OF ORIDINANCE NO. 388

WHEREAS, IOWA CODE 380.3 requires two considerations before final passage, unless this requirement is suspended by a recorded vote of not less than three-fourths of all of the members of the council, and

WHEREAS, The Council of the City of Prairie City, Iowa, has the ability to suspend the two considerations to approve Ordinance 388,

THEREFORE BE IT RESOLVED that the Council of the City of Prairie City, Iowa is suspending the requirement of Iowa Code 380.3 by approving a resolution waiving the second and third readings of Ordinance 388

This resolution has been approved and adopted this 8th Day of December, 2021.

_____

Chad Alleger,
Mayor

ATTEST:

_____

Jodie Wyman,
City Administrator/City Clerk