Keeping animals cool at county shows:

K-State expert discusses the importance of monitoring livestock for signs of heat stress

By Bailee Farmer

State Research and Extension **News Service**

MANHATTAN-It's county fair season in Kansas, and while local

events are a great way to enjoy the sun and time with friends, heat can be an invisible bandit for livestock.

Kansas State University beef extension veterinarian A.J. Tarpoff said it's important for youth showing livestock to watch animals closely and know the symptoms of heat stress.

All animals - as well as people - can experience heat stress, which occurs when the body cannot get rid of excessive heat, either through sweating or other means.

Tarpoff said cattle handle heat differently than other animals. In particular they struggle with the ability to sweat, which makes them reliant on getting rid of heat through their respiratory system, such as breathing the heat out. To preserve energy, they usually dissipate the heat during

Their patience paid off

with not only an incredible

fireworks display, but also a

rare opportunity for Noah

to show off his photography

skills and make a new friend.

and the camera was adjust-

ed just right for the light, I

As the fireworks started

the night when it's cooler. "It takes four to six hours to return cattle to regular temperature," Tarpoff said.

He added that one way to tell if a show steer or heifer is affected by heat stress is to look for unusual behavior from that animal. Symptoms may include reduced feed intake, increased time standing and crowding around water. In the show barn, animals may also display an increase in breathing rate.

One way to keep animals cool is to make sure

had Noah hit the button to

help me with the fireworks

of the Nikon D7100 began

to light up with the images

Noah was taking, one by one.

and gasped, "You have to get

His family saw the screen

The screen on the back

pictures.

barns get plenty of ventilation. Tarpoff said that heat stress mitigation strategies should be planned with cattle comfort in mind, and each strategy will be unique to the housing situation. Other factors to consider include whether the animal has its winter or summer hair coat; hair color; and past health issues.

Tarpoff said youth should consider reducing animal handling during heat intervals.

"Weighing, processing, sampling and shipping

over here and see these pictures. Noah just took that picture. Noah hit the button

and took that picture." Noah, my 2-yearold helper from Ottawa, snapped about 40 pictures. He captured 15 spectacular fireworks pictures from

cattle are all necessary tasks but they should be strategically conducted during the very early morning hours to ensure cattle comfort," Tarpoff said.

Another way to avoid heat stress is to provide plenty of water to cattle. Tarpoff said the amount of water cattle need doubles as the heat increases from 70 to 90 degrees Fahrenheit.

Tarpoff also encourages youth to consider moisture levels from the washing areas. Some locations can

Lights on the Lake.

One of his pictures was printed in the Wednesday, July 2, issue of The Miami County Republic.

"We really enjoyed spending our evening with you," Robinson said. "Those pictures are fantastic.

artificially increase the humidity and cause unneeded stress on livestock.

"Monitoring conditions and preparing for heat stress is a must when caring for your animals," he said.

The Kansas Mesonet, a network of Kansas weather stations which has offices on the K-State campus in Manhattan, provides an Animal Comfort Index to help producers and youth monitor and care for livestock. The online service is free to the public.

"Thank you for taking the

Wilson used to work for

the Ottawa Herald. She

worked in advertising and

time and patience to allow

him to take pictures with you," she said. "He was so

happy."

circulation.

FIREWORKS

CONTINUED FROM A1

Lights on the Lake fireworks display that night, causing a delay.

Noah and his family didn't seem to mind.



WHEREAS, the Kansas Reinvestment Housing Incentive District Act, K.S.A. 12-5241 *et seq.*, as amended or supplemented (the "Act"), authorizes any city incorporated in accordance with the laws of the State of Kansas (the "State") to designate reinvestment housing incentive districts ("RHIDs") within such city; WHEREAS, prior to such designation the governing body of such city shall conduct a housing needs analysis to determine unbab if even backing needs avid within its emmunity.

determine what, if any, housing needs exist within its community; WHEREAS, after conducting such analysis, the governing body may adopt a resolution making certain findings

regarding the establishment of an RHID and containing a legal description of property to be contained therein, a map of the existing parcels of real estate in the proposed district, and a statement of findings and determinations set forth in K.S.A. 12-5244(a);

WHEREAS, after publishing such resolution at least once in the official newspaper of the city, the governing body of such city shall send a certified copy thereof to the Secretary of Commerce of the State (the "Secretary") requesting that the Secretary review the resolution and advise the governing body whether the Secretary agrees with the finding contained therein;

WHEREAS, if the Secretary agrees with such findings, the governing body may proceed with the establishment of an RHID within such city, and adopt a plan for the development or redevelopment of housing and public facilities in the proposed district:

WHEREAS, the City of Ottawa, Kansas (the "City"), constitutes a "city" as defined in the Act;

WHEREAS, the Governing Body of the City previously adopted the Residential Demand Analysis dated March 2025,

for Franklin County (the "Analysis"), as a housing needs analysis pursuant to K.S.A. 12-5244; WHEREAS, the Governing Body of the City adopted Resolution No. 1978-25 on April 23, 2025, which made

Melissa Reed, City Clerk

EXHIBIT A

LEGAL DESCRIPTION OF PROPOSED RHID BOUNDARIES FOR THE NORTHEAST VILLAGE REINVESTMENT HOUSING INCENTIVE DISTRICT

LOT 1, BLOCK ONE FAIRWAY VISTA, a subdivision of land in the City of Ottawa, Franklin County, Kansas, less a 1,092.70 S.F. (0.025 acres) tract in the Southeasterly part of said Lot 1 described as commencing at the Southeast corner of said Lot 1, thence North 90 degrees, 00 minutes, 00 seconds West along the South line of said Lot 1, 177.18 feet to the POINT OF BEGINNING; thence North 90 degrees, 00 minutes, 00 seconds West, along the South line of said Lot 1 to the Southwest corner of the Southeast portion of said Lot 1, 105.36 feet; thence North 00 degrees, 00 minutes, 00 seconds East along the West line of said Southeast portion of said Lot 1, 13.17 feet; thence South 86 degrees, 56 minutes, 42 seconds East, 105.86 feet; thence South 2 degrees, 37 minutes, 46 seconds West, 7.53 feet to the POINT OF BEGINNING

Containing 156,543.96 S.F. (3.594 Acres) more or less.

EXHIBIT B

MAP OF PROPOSED RHID BOUNDARIES FOR THE NORTHEAST VILLAGE REINVESTMENT HOUSING INCENTIVE DISTRICT

certain findings relating to the need for financial incentives for the construction of quality housing within the City, declared t advisable to establish an RHID pursuant to the Act, and authorized the submission of such Resolution and the Analysis to the Secretary in accordance with the provisions of the Act:

WHEREAS, the Secretary, pursuant to a letter dated May 1, 2025, authorized the City to proceed with the establishment of an RHID pursuant to the Act (as more particularly described herein, the "District");

WHEREAS, the City has caused to be prepared a plan for the development or redevelopment of housing and public facilities in the proposed District in accordance with the provisions of the Act (the "Plan");

WHEREAS, the Plan includes:

- The legal description and map required by subsection (a) of K.S.A. 12-5245, and amendments thereto;
- 2. The existing assessed valuation of the real estate in the proposed District listing the land and improvement values separately;
- 3.
- A list of the names and addresses of the owners of record of all real estate parcels within the proposed District; A description of the housing and public facilities project or projects that are proposed to be constructed or improved in the District, and the location thereof;
- A listing of the names, addresses and specific interests in real estate in the proposed District of the d responsible for development of the housing and public facilities in the proposed District; 5.
- The contractual assurances, if any, the Governing Body has received from such developer or developers, guaranteeing the financial feasibility of specific housing tax incentive projects in the proposed District; and 6.
- A comprehensive analysis of the feasibility of providing housing tax incentives in the proposed District as provided in the Act, which shows that the public benefits derived from such District will exceed the costs and 7. that the income therefrom, together with all public and private sources of funding, will be sufficient to pay for the public improvements that may be undertaken in such District which identifies any other sources of public or private funds are to be used to finance the improvements; and

WHEREAS, the Governing Body of the City proposes to continue proceedings necessary to create the District, in dance with the provisions of the Act, and adopt the Plan, by the calling of a public hearing on such matters. accordan

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY OF OTTAWA, KANSAS, AS FOLLOWS:

Section 1. Proposed Reinvestment Housing Incentive District. The Governing Body hereby declares its intent to establish within the City an RHID to be known as the "Northeast Village Reinvestment Housing Incentive District" (the "District"). The District is proposed to be formed within the boundaries of the real estate legally described in **Exhibit A** attached hereto, and shown on the map depicting the existing parcels of land attached hereto as **Exhibit B**. A list of the names and addresses of the owners of record of all real estate parcels within the proposed District and the existing assessed valuation of said real estate, listing the land and improvement values separately, is attached hereto as **Exhibit C**

Section 2. Proposed Plan. The Governing Body hereby further declares its intent to adopt the Plan in substantially the form presented to the Governing Body on this date. A copy of the Plan shall be filed in the office of the City Clerk and be available for public inspection during normal business hours. A description of the housing and public facilities projects that are proposed to be constructed or improved in the proposed District, and the location thereof, are described in **Exhibit D** attached hereto. A summary of the contractual assurances by the developer and the comprehensive feasibility analysis is contained in Exhibit E attached hereto.

Section 3. Public Hearing. Notice is hereby given that a public hearing will be held by the Governing Body of the City to consider the establishment of the District and adoption of the Plan on Wednesday, July 23, 2025, at City Hall, 101 S. Hickory, Ottawa, Kansas 66067; the public hearing to commence at 4:00 p.m. or as soon thereafter as the Governing Body can hear the matter. At the public hearing, the Governing Body will receive public comment on such matters, and may, after the conclusion of such public hearing, consider the establishment of the District and adoption of the Plan, all pursuant to the Act.

Section 4. Notice of Public Hearing. The City Clerk is hereby authorized and directed to provide for notice of the public hearing by taking the following actions.

- A certified copy of this resolution shall be delivered to: A.
- The Board of Commissioners of Franklin County, Kansas; i.
- ii. The Board of Education of U.S.D. 290; and
- iii. The Planning Commission of the City.
- This Resolution, specifically including Exhibits A thru E attached hereto, shall be published at least once in the B. official newspaper of the City not less than one week or more than two weeks preceding the date of the public hearing.
- This Resolution, including Exhibits A thru E attached hereto, are available for inspection at the office of the City C. Clerk during normal business hours.

Members of the public are invited to review this Resolution and the Plan and attend the public hearing on the date nnounced in this Resolution

Section 5. Further Action. The Mayor, City Manager, City Clerk, and other officials and employees of the City, including the City Attorney, are hereby further authorized and directed to take such other actions as may be appropriate or desirable to accomplish the purposes of this Resolution.

Section 6. Effective Date. This Resolution shall take effect upon its adoption by the Governing Body.

ADOPTED by the Governing Body of the City of Ottawa, Kansas, on June 18, 2025

CITY OF OTTAWA, KANSAS

/s/ Emily Aller Mayor

(Seal) ATTEST:



The proposed District contains tax parcel ID number: 030-087-25-0-40-13-001.00-0.

EXHIBIT C

LIST OF NAMES AND ADDRESSES OF THE OWNERS OF RECORD OF ALL REAL ESTATE PARCELS WITHIN THE PROPOSED DISTRICT AND THE ASSESSED VALUATION OF THOSE PARCELS

Owners of Record

Richmond Circle Partnership 1227 E 119th Street, Suite 100 Grandview, MO 64030 Attn: Randall Willbanks

Assessed Valuation

| Land: | \$ 24,660 |
|---------------|--------------|
| Improvements: | \$ 0 |
| TOTAL: | \$ 24,660 |

EXHIBIT D

DESCRIPTION OF THE HOUSING AND PUBLIC FACILITIES PROJECT OR PROJECTS THAT ARE PROPOSED TO BE CONSTRUCTED OR IMPROVED IN THE PROPOSED REINVESTMENT HOUSING INCENTIVE DISTRICT

Housing Facilities

The housing facilities include the development of forty (40) total residential two-bedroom, two- bath units (comprised of three 4-plex units, three 5-plex units, one 6-plex, and one 7-plex), on one existing lot.

Public Facilities

The public improvements will include construction of infrastructure improvements located within the boundaries of the District, including water, sanitary sewer, electric, sidewalks, grading, and stormwater facilities

EXHIBIT E

SUMMARY OF THE CONTRACTUAL ASSURANCES BY THE DEVELOPER AND OF THE COMPREHENSIVE FEASIBILITY ANALYSIS

Contractual Assurances

The Governing Body of the City is in the process of entering into a Development Agreement (the "Development Agreement") with Complete Acquisition of Gardner LLC, a Kansas limited liability company (the "Developer"). The Development Agreement, as supplemented and amended from time to time, is expected to include the project construction schedule, a description of the project to be constructed, financial obligations of the Developer, and financial and administrative support from the City. The Development Agreement will specify the obligations the Developer must meet in order to be eligible for reimbursement from District revenues for a portion of the costs of the improvements; provided, however, there will be no contractual assurances guaranteeing the financial feasibility of the project.

Feasibility Study

Ehlers, Inc. has conducted a study to determine whether the public benefits derived from the District will exceed the costs and whether the income from the District, together with other sources of funds, will be sufficient to pay for the public improvements to be undertaken in the District. The analysis estimates the property tax revenues that will be generated from the District, less existing property taxes, to determine the revenue stream available to reimburse the Developer for a portion of the costs of the improvements advanced by the Developer. The estimates indicate that the revenue realized from the District, together with other available sources of funds, will be adequate to pay the costs of the improvements described in Exhibit D above. No special obligation bonds of the City will be issued to finance the improvements described in the Plan instead, the improvements will be financed on a pay-as-you-go basis as described in the Development Agreement

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