

OAK RIDGE CITY COUNCIL  
WORK SESSION

Municipal Building Courtroom

Tuesday, April 19, 2016  
6:00 pm

AGENDA

1. City Council discussion and review of DOE travel and hosting policy with DOE managers, and identifying possible assistance and solutions to DOE business visitors (Geoffrey Beausoleil, Dale Christenson, Johnny Moore, and Don Thress have confirmed their attendance.)
2. Presentation and City Council discussion of reservation and use policies for Jackson Square and City facilities
3. City Council discussion of the establishment of (encroachment) permits for use of city-owned property with permanent activity and fixtures
4. Informational update and City Council discussion on development of aspects of animal ordinance to include chickens
5. City Council discussion of tools for Police Department and Traffic Enforcement
6. Update on 8<sup>th</sup> Rowing Lane project on Melton Hill Lake
7. Legislative Updates

# CITY OF OAK RIDGE



## Office of the City Manager

POST OFFICE BOX 1 • OAK RIDGE, TENNESSEE 37831-0001

March 31, 2016

Mr. Johnny O. Moore  
Manager  
Oak Ridge National Laboratory Site Office  
U. S. Department of Energy  
P. O. Box 2008  
Oak Ridge, TN 37831

Mr. Geoffrey Beausoleil  
Manager  
National Nuclear Security Administration Production Office  
National Nuclear Security Administration  
U. S. Department of Energy  
P. O. Box 2050  
Oak Ridge, TN 37831

Ms. Susan M. Cange  
Manager, Oak Ridge Office of Environmental Management  
U. S. Department of Energy  
P. O. Box 2001  
Oak Ridge, TN 37831

Mr. Don F. Thress, Jr.  
Acting Manager  
Oak Ridge Office  
U. S. Department of Energy  
P. O. Box 2001  
Oak Ridge, TN 37831

Mr. Dale Christenson  
Acting Project Manager  
Uranium Processing Facility Project Office  
National Nuclear Security Administration  
U. S. Department of Energy  
P. O. Box 2050, Mail Stop 8042  
Oak Ridge, TN 37831

Dear Messrs. Moore, Thress, Beausoleil, Christenson and Ms. Cange:

### WORK SESSION TO DISCUSS DOE TRAVEL PRACTICES IN OAK RIDGE

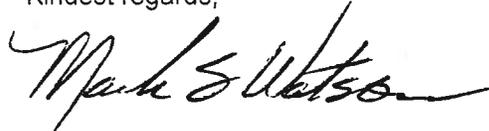
To finalize the City Council review of the Department of Energy (DOE) travel impacts on Oak Ridge, the Council would like to invite you to attend our upcoming work session. The purpose of the meeting will be to discuss your November 18, 2015 responses to our state delegation, and to discuss DOE assistance in procuring more official visitation to Oak Ridge. We will also be asking a GSA representative to join us at the meeting. The work session will be held on **Tuesday, April 19, 2016, at 6:00 p.m.** in the Oak Ridge Municipal Building Courtroom, located at 200 South Tulane Avenue.

On October 20, 2015, the Oak Ridge City Council supported, by Resolution No. 10-124-2015, the state delegation's inquiry, and directed a review once the findings were received. Given the lower costs identified by the City's current federal per diem rate and the frequency now seen with the use of non-Oak Ridge hotels, we need to know any problems with contracting with Oak Ridge hotels. Our current average occupancy rates in Oak Ridge vary from 55-65% occupancy, leaving many room nights available to serve your visitors and your contractors, including the anticipated continuous surge associated with the Uranium Processing Facility.

Johnny O. Moore, Don F. Thress, Jr., Geoffrey Beausoleil, Dale Christenson, Susan Cange  
Page 2  
March 31, 2016

The timing of this discussion is important as we prepare to set new criteria and benchmarks for our Convention and Visitors Bureau in our upcoming budget, and as we explore a new hotel venture as part of the Oak Ridge-Main Street Project. I have attached the above referenced resolution of the City Council, and appreciate your attendance at this meeting. Please contact my office at 425-3550 for any additional information.

Kindest regards,

A handwritten signature in black ink, appearing to read "Mark S. Watson". The signature is fluid and cursive, with a long horizontal stroke at the end.

Mark S. Watson  
City Manager

Attachment

Cc w/o attachment: Mayor and Members of the Oak Ridge City Council

**RESOLUTION**

A RESOLUTION INVITING OFFICIALS FROM FEDERAL GOVERNMENT AGENCIES TO A CITY COUNCIL MEETING TO ADDRESS TRAVEL PRACTICES IN OAK RIDGE SO AS TO PROVIDE A BETTER UNDERSTANDING OF THESE PRACTICES AND TO EXPRESS TO THESE AGENCIES THE BENEFIT OF HOSTING CONFERENCES, MEETINGS, AND SEMINARS IN OAK RIDGE.

WHEREAS, on October 7, 2015, State Senator Randy McNally, in conjunction with State Senator Ken Yager, State Representative Kent Calfee, and State Representative John Ragan, submitted a letter to four managers at Oak Ridge U.S. Department of Energy (DOE) facilities, specifically the Oak Ridge National Laboratory Site Office, the National Nuclear Security Administration Production Office, the Uranium Processing Facility Project Office, and the Oak Ridge Office of Environmental Management; and

WHEREAS, in the this letter the State Officials inquired about DOE's travel practices in Oak Ridge with respect to DOE placing conferences, meetings, and travelers outside of Oak Ridge rather than saving travel dollars by utilizing Oak Ridge hotels which are the closest to the DOE reservation; and

WHEREAS, further, the State Officials said utilizing Oak Ridge hotels would help boost local DOE residency which is essential for the support of future missions; and

WHEREAS, the State Officials requested DOE to provide greater detail on travel costs, per diem rates, and conferences/meetings for DOE and DOE contractors and subcontractors; and

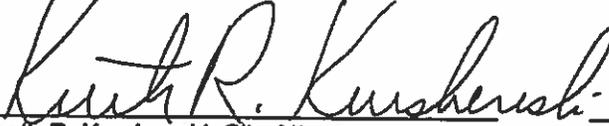
WHEREAS, the City of Oak Ridge would like to receive information at an upcoming City Council meeting regarding travel practices of federal government agencies, not just that of DOE, to address these practices in Oak Ridge, as well as to allow the Council to express the benefit of hosting conferences, meetings, and seminars in Oak Ridge.

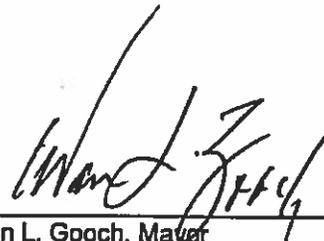
NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF OAK RIDGE, TENNESSEE:

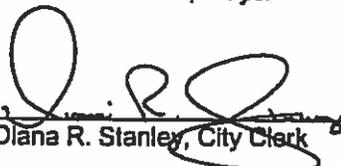
That the City of Oak Ridge, Tennessee, hereby invites officials from federal government agencies to an upcoming City Council meeting to address travel practices in Oak Ridge, as well as to allow the Council to express to these agencies the benefit of hosting conferences, meetings, and seminars in Oak Ridge.

This the 20th day of October 2015.

APPROVED AS TO FORM AND LEGALITY:

  
\_\_\_\_\_  
Kenneth R. Krushenski, City Attorney

  
\_\_\_\_\_  
Warren L. Gooch, Mayor

  
\_\_\_\_\_  
Diana R. Stanley, City Clerk



**Department of Energy  
National Nuclear Security Administration  
Production Office**

P.O. Box 2050  
Oak Ridge, Tennessee 37831

P.O. Box 30030  
Amarillo, Texas 79120



November 18, 2015

The Honorable Ken Yager  
12<sup>th</sup> Senatorial District  
10A Legislative Plaza  
Nashville, Tennessee 37243

The Honorable Randy McNally  
5<sup>th</sup> Senatorial District  
301 6<sup>th</sup> Avenue North  
Suite 307 War Memorial Building  
Nashville, Tennessee 37243

The Honorable Kent Calfee  
District 32 Representative  
301 6<sup>th</sup> Avenue North  
Suite 219 War Memorial Building  
Nashville, Tennessee 37243

The Honorable John Ragan  
District 33 Representative  
301 6<sup>th</sup> Avenue North  
Suite G-24 War Memorial Building  
Nashville, Tennessee 37243

Gentlemen:

**DOE TRAVEL PRACTICES IN OAK RIDGE**

This letter responds to your correspondence to us, dated October 7, 2015. As the Oak Ridge representatives of the Department of Energy (DOE)/National Nuclear Security Administration (NNSA), we appreciate the support our facilities and programs receive from the City of Oak Ridge and Anderson and Roane counties, and we are glad to report that the large majority of our visitors stay in Oak Ridge.

DOE and its contractor employees follow the Federal Travel Regulations issued by the General Services Administration, which set allowances for lodging, meals and incidental expenses. It is our expectation that federal and contractor business travelers use services available as close as possible to our facilities to promote efficiency and to reduce unnecessary travel and time related costs.

However, it should be noted that travelers visiting our Federal field offices and sites are authorized and approved by their assigned supervisors at their home office. Further, while we are all governed by the same federal regulations, their specific travel information is not readily available to the DOE/NNSA offices and sites.

The following data addresses your specific questions, reflecting the DOE/NNSA travel practices for Fiscal Year (FY) 2015 and includes FY 2016 projection information.

**1. The number of DOE and DOE contractor (and subcontractor) travelers that stayed in hotels outside of Oak Ridge.**

UT Battelle/Oak Ridge National Laboratory (ORNL)

Lodging outside of Oak Ridge: 178 visitors

Note: This figure represents 20 percent of the 910 non-employee trips processed by ORNL in FY 2015. There were also 637 visitors that used Oak Ridge lodging, including the ORNL Guest House. Of the remaining trips, no hotel was booked. This figure also excludes travelers working on subcontracts not handled through the ORNL Travel Office and excludes individuals whose travel was not paid by ORNL or the ORNL Site Office (OSO). Both ORNL and OSO encourage business travelers and temporary assignees to stay in Oak Ridge by providing only Oak Ridge hotel and ORNL Guest House information on the "Visiting ORNL" webpage.

NNSA Production Office (NPO), Consolidated Nuclear Services, LLC (CNS), Uranium Processing Facility (UPF), UPF Project Office (UPO)

Knoxville lodging: 139 – primarily long-term housing (CNS)

Note: This excludes UPO travelers, as this information is not tracked; however, it should be noted that UPF encourages business travelers and temporary assignees to stay in Oak Ridge by providing only Oak Ridge hotel information in the UPF orientation and welcome material. Additionally, data reviewed revealed that 100% of NPO-funded travelers stayed in Oak Ridge for FY 2015. Further, NPO employees have received specific training on the requirement to book lodging in Oak Ridge since this is their temporary duty station when visiting from Amarillo, Texas.

Oak Ridge Environmental Management (OREM)

OREM does not track this information; however, they maintain a list of Oak Ridge hotels and restaurants, and when lodging or restaurant options are requested, only Oak Ridge options are provided.

For comparison purposes, it should be noted that the number of DOE employees, DOE contractor employees, and visitors associated with the above entities who stayed in Oak Ridge in FY 2015 was approximately 1,650.

**Are their total travel costs capped at Oak Ridge reimbursement levels?**

Travel costs are reimbursed in accordance with the General Services Administration regulations.

See answer to question 2 below.

**2. How DOE applies the per diem requirement? Are DOE Contractors (and subcontractors) that use per diem required to follow this cost-saving rule?**

Yes, a traveler's location determines an employee's maximum per diem reimbursement rate. For example, if a traveler chooses to stay outside of Oak Ridge, while visiting our offices and sites, the traveler would only be reimbursed at the Oak Ridge per diem rates, unless

otherwise authorized, as the electronic Government Travel system automatically lists per diem rates for the location where the duty will be performed.

**If not, are they achieving the lowest lodging and meal costs – considering the large number of available low-per-diem Oak Ridge hotel rooms?**

Not applicable, see response above.

**3. The number and size of DOE and DOE contractor (and subcontractor) conferences and meetings that were held outside of Oak Ridge last year.**

UT Battelle/ORNL

There were 239 conference and meeting events planned through the ORNL Conference Planning Office during FY 2015. Of these 239 events, 144 were held in Oak Ridge and 95 were held in locations other than Oak Ridge. Reasons for holding events outside Oak Ridge include, but are not limited to: ORNL and Oak Ridge venues are not large enough to accommodate some events, venues are not available on the dates needed, the meeting location is not at ORNL's discretion (ORNL may be a sponsor of the event, not the originator), or the meeting place is unable to meet the needs of the meeting and/or attendees.

NPO, CNS, UPO

CNS sponsored one meeting outside of Oak Ridge in FY 2015 for 20 attendees. The meeting site was selected in an effort to provide a central meeting location for the proposed attendees.

OREM

Each fiscal year, UCOR (OREM's Contractor) holds two meetings with a large attendance of approximately 1,300 people in Knoxville due to facility size availability. However, OREM and its contractors understand the value in conducting business locally and close to its facilities, and utilize local space in all other instances.

**How many will be held outside Oak Ridge this year and next?**

UT Battelle/ORNL

The ORNL Conference Planning Office has currently identified 63 conferences and meetings occurring in FY 2016. Of these 63 events, 35 are planned for Oak Ridge, with the remaining 28 events being held in another location (ORNL and Oak Ridge venues are not large enough to accommodate some events, venues are not available on the dates needed, the meeting location is not at ORNL's discretion (ORNL may be a sponsor of the event, not the originator), or the meeting place is unable to meet the needs of the meeting and/or attendees).

NPO, CNS, UPO

During FY 2016, Y-12 has one meeting for about 30 attendees and approximately 39 specialized training classes with about 15-30 attendees each are planned to be held in Oak Ridge. UPF has not held nor plans to hold any conferences or meetings outside of Oak Ridge.

OREM

At this time, the Oak Ridge cleanup program does not have any meetings or events scheduled outside of Oak Ridge in FY 2016.

As reflected above, employee travel including attendance of events and conferences are primarily held within the Oak Ridge area whenever possible and practicable and is in compliance with the Federal Travel Regulations.

We appreciate the opportunity to share this information with you. The economic vitality of Oak Ridge has a direct bearing on the quality of our employees' lives, the business partners who provide supplies and services, and the area's appeal to new hires.

Should you have any questions, please contact Janice Brashears at [janice.brashears@npo.doe.gov](mailto:janice.brashears@npo.doe.gov).

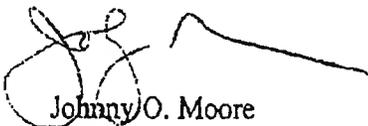
Sincerely,



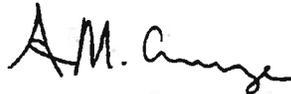
For Geoffrey L. Beausoleil  
Manager  
NNSA Production Office



Dale Christenson  
Acting Project Manager  
Uranium Processing Facility Project Office



Johnny O. Moore  
Manager  
Oak Ridge National Laboratory Site Office



Susan M. Cange  
Manager  
Oak Ridge Office of Environmental Management

cc's on Page 5

cc:

Congressman Chuck Fleischmann  
230 Cannon HOB  
Washington, DC 20515

Mayor Warren Gooch  
City of Oak Ridge  
P. O. Box 1  
Oak Ridge, Tennessee 37831

Mayor Terry Frank  
Anderson County  
100 N. Main Street  
Suite 208  
Clinton, Tennessee 37716

County Executive Ron Woody  
Roane County  
P. O. Box 643  
Kingston, Tennessee 37763

Teresa Robbins, NPO-01  
Steven Wyatt, NPO-01  
Terri Slack, NPO-01  
Lloyd DeSerisy, NPO-50  
Janice Brashears, NPO-50  
Phil Kirby, UPO  
Michele Branton, SC-OSO  
Claire Sinclair, SC-OSO  
Jay Mullis, OREM  
Mike Koentop, OREM



**RANDY MCNALLY**  
SENATOR  
5<sup>th</sup> SENATORIAL DISTRICT  
ANDERSON, LOUDON  
AND PART OF KNOX COUNTIES

307 WAR MEMORIAL BUILDING  
301 6TH AVENUE NORTH  
NASHVILLE, TENNESSEE 37243-0205  
(615) 741-6806  
1-800-449-8366 EXT. 16806  
FAX (615) 253-0285  
sen.randy.mcnally@capitol.tn.gov

**Senate Chamber**  
**State of Tennessee**  
NASHVILLE

October 7, 2015

CHAIRMAN  
FINANCE, WAYS AND MEANS COMMITTEE  
VICE CHAIR OF RULES  
VICE CHAIR OF COUNCIL ON PENSIONS AND INSURANCE

MEMBER OF COMMITTEES  
HEALTH & WELFARE  
FISCAL REVIEW  
TENNESSEE ADVISORY COMMISSION ON  
INTERGOVERNMENTAL RELATIONS

Johnny O. Moore  
Manager, Oak Ridge National Laboratory Site Office  
US Department of Energy  
PO Box 2008  
Oak Ridge, TN 37831

Geoffrey Beausoleil  
Manager, National Nuclear Security Administration Production Office  
National Nuclear Security Administration  
US Department of Energy  
PO Box 2050  
Oak Ridge, TN 37831

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Acting Project Manager  
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National Nuclear Security Administration  
US Department of Energy  
PO Box 2050  
Mail Stop 8042  
Oak Ridge, TN 37831

Susan M. Cange  
Manager, Oak Ridge Office of Environmental Management  
US Department of Energy  
PO Box 2001  
Oak Ridge, TN 37831

Dear DOE ORNL Site Manager, NNSA Production Manager, UPF Project Manager, and EM Manager:

Subject: **DOE TRAVEL PRACTICES IN OAK RIDGE**

October 7, 2015

Page 2

The City of Oak Ridge and its two counties are a valuable resource for the Department of Energy and the nation. The city, Anderson County, and Roane County have all actively supported DOE's nuclear programs since the beginning. As you know, Oak Ridge has some of the finest nuclear facilities in the world.

So it is with concern that we hear of DOE placing conferences, meetings, and travelers outside the city.

Our federal per diem rates are amongst the lowest in the area. Moreover, Oak Ridge hotels are the closest to the DOE reservation, saving fuel and transportation cost. And if personal (rather than rental) vehicles are used for official travel, Oak Ridge's cost advantage grows even larger.

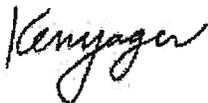
Beyond saving travel dollars, utilizing Oak Ridge hotels helps boost local DOE residency. Such residency is essential for the support of future nuclear missions.

With this in mind, we would appreciate understanding:

1. The number of DOE and DOE contractor (and subcontractor) travelers that stay in hotels outside of Oak Ridge. Are their total travel costs capped at Oak Ridge reimbursement levels?
2. How DOE applies the per diem rate requirement in footnote 1 of the attached General Services Administration table. Are DOE contractors (and subcontractors) that use per diem required to follow this cost-saving rule? If not, are they achieving the lowest lodging and meal costs--- considering the large number of available low-per-diem Oak Ridge hotel rooms?
3. The number and size of DOE and DOE contractor (and subcontractor) conferences and meetings that were held outside of Oak Ridge last year. How many will be held outside Oak Ridge this year and next?

Thank you.

Sincerely,



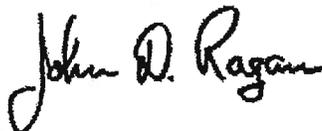
Ken Yager  
State Senator



Randy McNally  
State Senator



Kent Calfee  
State Representative



John Ragan  
State Representative

/dkm

October 7, 2015  
Page 3

Attachment: 2016 GSA per diem rates and footnotes

Cc: Congressman Chuck Fleischmann,  
230 Cannon HOB  
Washington, DC 20515

Mayor Warren Gooch  
City of Oak Ridge  
PO Box 1  
Oak Ridge, TN 37831

Mayor Terry Frank  
Anderson County  
100 N. Main St.  
Suite 208  
Clinton, TN 37716

County Executive Ron Woody  
Roane County  
PO Box 643  
Kingston, TN 37763

# Attachment 1. How is DOE Applying Footnote 1, Considering the Large Number of Vacant Low-Per-Diem Oak Ridge Hotel Rooms?

**GSA** U.S. General Services Administration Search

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[Home](#) > [Policy & Regulations](#) > [Travel and Reimbursement Rates](#) > [Per Diem](#) > [Per Diem Rates](#)

## FY 2016 Per Diem Rates for Tennessee

(October 2015 - September 2016)

SEARCH BY CITY, STATE OR ZIP CODE

Enter your City  OR Enter your ZIP Code

[Per Diem Map >](#)

### ADDITIONAL PER DIEM TOPICS

- Meats & Incidental Expenses Breakdown (M&IE)
- FAQs
- State Tax Exemption Forms
- Factors Influencing Lodging Rates
- FY 2014 Per Diem Highlights
- Fire Safe Hotels
- Have a Per Diem Question?
- Downloadable Per Diem Files

Cities not appearing below may be located within a county for which rates are listed. To determine what county a city is located in, visit the [National Association of Counties \(NACO\)](#) website (a non-federal website).

You searched for: **Tennessee**

Primary Destination (1, 2)	County (3, 4)	Max lodging by Month (excluding taxes)												M&IE (5)	
		2015			2016										
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
Standard Rate	Applies for all locations without specified rates	\$89	\$89	\$89	\$89	\$89	\$89	\$89	\$89	\$89	\$89	\$89	\$89	\$89	\$51
Brentwood / Franklin	Williamson	\$114	\$114	\$114	\$114	\$114	\$114	\$114	\$114	\$114	\$114	\$114	\$114	\$114	\$59
Chattanooga	Hamilton	\$95	\$95	\$95	\$95	\$95	\$95	\$95	\$95	\$95	\$95	\$95	\$95	\$95	\$64
Knoxville	Knox	\$92	\$92	\$92	\$92	\$92	\$92	\$92	\$92	\$92	\$92	\$92	\$92	\$92	\$59
Memphis	Shelby	\$106	\$106	\$106	\$106	\$106	\$106	\$106	\$106	\$106	\$106	\$106	\$106	\$106	\$59
Nashville	Davidson	\$145	\$145	\$145	\$145	\$145	\$145	\$145	\$145	\$145	\$145	\$145	\$145	\$145	\$59

### Footnotes

1. Traveler reimbursement is based on the location of the work activities and not the accommodations, unless lodging is not available at the work activity, then the agency may authorize the rate where lodging is obtained.
2. Unless otherwise specified, the per diem locality is defined as "all locations within, or entirely surrounded by, the corporate limits of the key city, including independent entities located within those boundaries."
3. Per diem localities with county definitions shall include "all locations within, or entirely surrounded by, the corporate limits of the key city as well as the boundaries of the listed counties, including independent entities located within the boundaries of the key city and the listed counties (unless otherwise listed separately)."
4. When a military installation or Government-related facility (whether or not specifically named) is located partially within more than one city or county boundary, the applicable per diem rate for the entire installation or facility is the higher of the rates which apply to the cities and/or counties, even though part(s) of such activities may be located outside the defined per diem locality.
5. *Meals and Incidental Expenses*, see [Breakdown of M&IE Expenses](#) for important information on first and last days of travel.

**CONTACTS**

Additional Contacts for  
Travel Management Policy

Last Reviewed 2015-02-14

- NEED MORE INFORMATION?**
- Rates for Alaska, Hawaii, U.S. Territories and Possessions (set by DoD)
  - Rates in Foreign Countries (Set by State Dept.)
  - Federal Travel Regulations (FTR)

- RELATED TOPICS**
- Travel Resources
  - E-Gov Travel
  - FedRooms
  - POV Mileage Reimbursement Rates

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# Event Guidelines

## Historic Jackson Square

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### 1. EXECUTIVE SUMMARY

The City of Oak Ridge has recently completed a \$1 million renovation of the Historic Jackson Square parking lot, transforming it into a professionally landscaped pedestrian plaza with parking, an interactive fountain, colored concrete paving, stone pavers, curbing, asphalt paving, utilities, lighting, benches, sidewalks and ADA-compliant upgrades.

Revitalization of the Historic Jackson Square parking lot has sparked interest among both public and private entities, and event organizers are requesting use of the redesigned pedestrian plaza for special events. In order to accommodate event organizers and existing businesses alike, the City has established a set of guidelines for events held in Jackson Square.

### 2. GUIDELINES FOR USAGE

#### 2.1 RESERVATIONS

- Reservations must be made at least 45 days prior to the requested event date for events that do not occupy the entire parking lot
- Reservations must be made at least 120 days prior to the requested event that occupies the entire parking lot and requires City services (i.e., parking lot closure, police, fire, etc.)
- Reservations are made on a first come first serve basis
- Reservations may not be made more than one (1) year in advance
- Cancellations must be made by the reserving party five (5) days in advance of the scheduled activity in order to avoid penalty

#### 2.2 FEES

- A non-refundable application fee of \$25.00 must be paid at the time the special event application is submitted to the Oak Ridge Recreation and Parks Department
- Payments for event-related fees should be made at the issuing office at least five (5) days in advance of the scheduled activity. If the exact total cannot be determined, the applicant shall be required to pay, in advance, up to 50 percent of the expected fee with the remaining balance to be paid on the date of the event.

#### 2.3 REQUIRED PAPERWORK

- All required permits, fees and proof of liability insurance, naming the City of Oak Ridge as the additional insured, must be submitted at least two weeks (2) prior to the event

- An alcohol/beer permit is required for the sale and consumption of alcoholic beverages. Permits to sell beer under 5% will require application and acceptance through the Oak Ridge Beer Board. Beer over 5%, wine, and/or liquor will require a permit from the State Alcoholic Beverage Commission as well as a permit from the local Oak Ridge Beer Board. Anytime alcoholic beverages are consumed, the applicant must secure insurance that provides liquor liability in the amount of \$1,000,000, with the City of Oak Ridge named as the additional insured party on the policy.

## 2.4 SITE PLAN REQUIREMENTS

- Events shall be planned in order to minimize the impact to surrounding businesses, including parking (the majority of events shall be organized south of the interactive fountain)
- Occupancy of the entire square requires special permission, which shall be granted no more than one (1) time each year, per organization
- All event plans are required to include the following:
  - Trash removal/recycling and off-site disposal
  - Grease removal and off-site disposal (under no circumstances is grease or any other contaminant allowed to enter the storm drain system)
  - Portable restroom facilities to accommodate anticipated audience, including persons with disabilities (8/1000 attendee's, with a minimum of 2)
  - Water appropriate for the event
- The use of cooking devices on asphalt in the parking lot, if approved, will require that the asphalt surface be protected from grease and other contaminants and that the area be cleaned to its pre-event condition immediately following the event
- The use of sidewalks is prohibited unless authorized by the City; permission must also be granted by the merchant impacted by the use of space outside of the relevant establishment

## 3. RESTRICTIONS

- The use of grills, smokers and other cooking devices on the pavers or turf in the central part of the square is prohibited.

## 4. APPROVAL PROCESS

- Applicants are required to submit a completed application to the Oak Ridge Recreation and Parks Department, along with a site plan and any applicable fees
- Applicants are required to meet with the Special Events Logistics Committee to review the event plan, discuss issues, concerns, etc., and answer questions from staff
  - Recommended composition of the committee includes: an event coordinator from the Recreation and Parks Department, representatives from the Fire Department, Police Department, Public Works Department, Electric Department, and a merchant from Jackson Square.

## 5. RECOMMENDATIONS

- Establish a Special Events Logistics Committee that meets regularly to review and approve special event applications
- Simplify the special event application and include Historic Jackson Square on the form
- Create an online, fillable form through JotForm and post the application on the Recreation and Parks Department website
- Reorganize the Recreation and Parks website so that all event applications are in a central location on the website
- Update Section E-210 of Administrative Policy and Procedure Manual to reflect the following:
  - Application fees for special events (2.20)
  - The number of days required to cancel an event (2.21)
  - Cancellation policy relative to the number of days required for fees (2.2.1)

Director Approved \_\_\_\_\_

Application Fee \_\_\_\_\_

**Oak Ridge Recreation and Parks Department**  
**Special Event Application**

---

Please review all forms in this application package and submit a completed application to:

Amanda Pope

Fax: 865-425-3418 or Email: [apope@oakridgetn.gov](mailto:apope@oakridgetn.gov)

Contact Number: (865) 425-3450

All persons making application must be at least 21 years of age and be on site for event.

*\*Note: Persons other than the contact listed will not be allowed to make event changes.*

\*Approval of an event will be granted upon receipt and review of the application and acquisition of necessary permits, licenses, certificates, inspections, and payment of appropriate fees. **It is the responsibility of the event sponsor or designee to obtain all necessary permits and pay all relevant charges and fees prior to the date of the event. Failure to comply will result in the event being cancelled. No make-up dates will be scheduled. Facilities will be returned to pre-event condition.**

If facilities are unavailable due to a previously scheduled event, the Recreation and Parks Department will help with the selection of other times or dates. **Note: Rain dates are prohibited.**

Name of Event: \_\_\_\_\_ Date(s) \_\_\_\_\_

Time(s) of Event: Start Time \_\_\_\_\_ End Time \_\_\_\_\_

Organization Name \_\_\_\_\_ Organization Contact Name \_\_\_\_\_

Address: \_\_\_\_\_ City/State: \_\_\_\_\_ Zip \_\_\_\_\_

Contact Phone # W: \_\_\_\_\_ H: \_\_\_\_\_ Cell \_\_\_\_\_

E-mail address: \_\_\_\_\_

**GENERAL INFORMATION:**

Profit/Non-Profit Status: \_\_\_\_\_ Estimated Number of Attendees: \_\_\_\_\_

Event Location: \_\_\_\_\_

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Director Approved \_\_\_\_\_

Application Fee \_\_\_\_\_

**Oak Ridge Recreation and Parks Department**  
**Special Event Application**

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**Brief Description of Event** (including individual event activities):

Refer to Room Rental Rules for plans to use candles, table decorations, etc.)  
LPG use is not allowed inside City property buildings.

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**SITE INFORMATION**

Please check **YES** or **NO** for each of the categories listed below. Failure to do this will slow the application process and require further explanation at a later date.

**Alcohol/Beer Availability**    Yes \_\_\_\_\_ No \_\_\_\_\_

A facility user may serve alcoholic beverages only when they are a part of the normal refreshment for an event or meeting. They must be incidental to the purpose of the event and only one phase of the total refreshments being served. In all cases, the groups using City facilities must secure permits from the State and/or City in order to serve alcoholic beverages. If beer is planned, the City, through its Legal Department, will be able to advise the applicant. If wine or liquor is planned, the State Alcoholic Beverage Commission must be consulted. These permits **must** be secured and **must** be presented to the Recreation and Parks Department **NO LATER THAN TWO WEEKS BEFORE THE EVENT**. Any time alcoholic beverages are being consumed, the applicant must secure insurance that provides liquor liability in the amount of \$1,000,000 with the City of Oak Ridge named as an **additional insured party on the policy**. **A Certificate of Insurance must be presented to the Recreation and Parks Department at least 48 hours in advance of the event**. When alcoholic beverages are being served/consumed at an event on City property, it is the responsibility of the user to furnish a commissioned security officer(s) at the sponsor's cost.

**SECURITY**    Yes \_\_\_\_\_ No \_\_\_\_\_

Large events of projected 100 or more people will require security.  
One security officer is required for every 100 people.  
Security officers must be bonded/licensed. **License proof must be presented to the Recreation and Parks Dept. one week prior to the event.**

Director Approved \_\_\_\_\_

Application Fee \_\_\_\_\_

**Oak Ridge Recreation and Parks Department**  
**Special Event Application**

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**Insurance Certificate** Yes \_\_\_\_\_ No \_\_\_\_\_

**Name of Carrier** \_\_\_\_\_

This insurance information must be provided for any event being held on property owned or leased by the City of Oak Ridge. **The City of Oak Ridge must be listed as an Additional Insured Party on the event liability policy (minimum amount \$1,000,000.00).** Certificate must be presented to the Recreation and Parks Dept. **One week prior to the event.**

**Trash Removal Plan** Yes \_\_\_\_\_ No \_\_\_\_\_

How will the trash generated by the event be handled? Will a dumpster be moved to the site? Will additional pickups of any existing dumpster be required? Trash boxes + 1 liner each may be provided by the Recreation and Parks Dept. at a cost of **\$3.50** each. **MUST DISPOSE GREASE OFF SITE!**

**Parking Plan** Yes \_\_\_\_\_ No \_\_\_\_\_

Sponsors of large events will be required to submit a detailed parking plan that includes proposed parking locations, traffic control measures, and staffing.

**Electrical Needs Plan Submitted** Yes \_\_\_\_\_ No \_\_\_\_\_

**Electrical Permit** Yes \_\_\_\_\_ No \_\_\_\_\_

Describe the type of equipment to be used and the plan for electrical outlets. If special electrical connections are necessary, an electrical permit and inspection may be required. **Event Specific Fees will be charged.**  
***On site meetings are recommended. Electricity needs = Electric Department***

**Banner Plan** Yes \_\_\_\_\_ No \_\_\_\_\_

**On-Site Signs** Yes \_\_\_\_\_ No \_\_\_\_\_

Will the applicant be posting or erecting temporary signs regarding the event at the site? If yes, inform the Recreation and Parks Department at time of Reservation. If yes, it is the applicant's responsibility to secure permits from the Community Development Department.

**Special Event (Vendor) Business License** Yes \_\_\_\_\_ No \_\_\_\_\_

Contact the City of Oak Ridge Business Office:

**CATERER** Yes \_\_\_\_\_ No \_\_\_\_\_ (Indoor Events)

Person/group hosting event will be responsible for caterer/kitchen.  
Caterer should be informed of policies and rental times prior to the event.

**Name of Caterer** \_\_\_\_\_

**Contact Person** \_\_\_\_\_

*Person/group hosting event will be responsible for informing Caterer of set up and break down times, trash removal and use of kitchen equipment.*

***Kitchen must be returned to pre-event condition this includes equipment used.***

*Trash must be removed to the dumpster at west end of the building.*

Director Approved \_\_\_\_\_

Application Fee \_\_\_\_\_

**Oak Ridge Recreation and Parks Department**  
**Special Event Application**

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**Additional time may result in Overtime Charges.**

**Police Support and Services** Yes \_\_\_\_\_ No \_\_\_\_\_ (See Page 6 for cost)

*Contact the Oak Ridge Police Department for police support and services.*

**Public Works Department Support and Services** Yes \_\_\_\_\_ No \_\_\_\_\_ (See Page 6 for cost)

**Fire Department Support Services** Yes \_\_\_\_\_ No \_\_\_\_\_

*Contact the Oak Ridge Fire Department for support and services.*

**Will Onsite Medical Personnel Be Required?** Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, please furnish name \_\_\_\_\_

**Outdoor Events**

(If your event is outside Civic Center building)

**Please check all that apply.**

**Street Barricades**

If barricades are needed to close streets, inform the Recreation and Parks Department. (Types of barricades available are cones and barrels) **Event Specific fees will be collected...**

**Street Closure**

If any part of a Public Street or thoroughfare will be closed, written permission from the Oak Ridge Police Department/City Manager must be obtained. A traffic control plan will be required.

**Entertainment/Music**

**\*Noise Ordinance Waiver Request**

The applicant will be required to submit in writing a request for a waiver of the City's noise ordinance if sound will be clearly audible on a property or in a dwelling unit other than that in which it is located. The request should include time, date, place, and nature of the request. Contact City Manager's office.

**EVENT SITE LAYOUT**

**ALL TENTS MUST BE FREE STANDING. NO STAKES ALLOWED**

\*Indicate on map location and size of tents.

\*Who is responsible for setting up/taking down tents? \_\_\_\_\_

\*When will tents be set up/removed? \_\_\_\_\_

Director Approved \_\_\_\_\_

Application Fee \_\_\_\_\_

**Oak Ridge Recreation and Parks Department**  
**Special Event Application**

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**Mark the attached site plan map (page 10) indicating the location of the following:**

- Activity areas/tents/kiosks/structures
- Food/cooking/hand washing facilities
- Area where alcohol will be served
- Music/bandstand area/speakers/sound booth
- Restrooms/portable toilets-**Must be handicapped accessible.**
- Street Barriers/traffic control plan will be required
- Parking areas/shuttle bus stops
- Sign Plan showing publicity, directional and day-of-event signs
- First Aid Station

**City Support and Services Needed? Yes \_\_\_ No \_\_\_**  
*(If yes please fill out order sheet page 6).*

**CITY SERVICES REQUESTED/REQUIRED**

**SERVICES MUST BE ARRANGED AT LEAST TWO WEEKS PRIOR TO EVENT!**

The following services are available from, or may be required by, the City of Oak Ridge. If additional support services are requested by the sponsor or required by the City, the applicant will be informed at the review session concerning contacts, fees and conditions for any additional services. The applicant should provide written confirmation of reservations/ arrangements with the appropriate department(s) two weeks before the event.

***NOTE: Facility user will be responsible for transporting items to event site. Some items may be included in facility rental. Fees and deposits may apply. Check with Recreation and Parks upon requests.***

Director Approved \_\_\_\_\_

Application Fee \_\_\_\_\_

**Oak Ridge Recreation and Parks Department  
Special Event Application**

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**City Services Request Items List**

**\*Items are reserved based on availability and is at the discretion of the City of Oak Ridge.**

<u>Item</u>	<u>Department</u>	<u>Cost</u>	<u>Deposit</u>	<u>Quantity</u>
Barrels	Public Works	\$5.00 each		
Cones	Public Works	\$1.00 Each Cone		
Chairs	Rec & Parks	Included with a Room Rental at Civic Center		
Cord Covers (Indoor)	Rec & Parks	No Cost- Civic Center only.		
Electric Spider Boxes	Electric	\$20.00 Each		
Electrician Services	Electric	\$50.00 Hour		
Extension Cords	Rec & Parks	Indoor at Civic Center only	\$5.00 held day of the event	
Facilities Key	Rec & Parks		\$50.00	
ORPD Officers (Races/Walks Only)	Police	\$45.00 per Officer per hour		
Podium/PA (Indoor)	Rec & Parks	\$10.00- at Civic Center only.		
Rugs (Indoor)	Rec & Parks	With rental if available- Civic Center only.		
Screen (Indoor)	Rec & Parks	Included with rental at Civic Center only.		
Security Vests	Rec & Parks	\$1.00 Each		
Trash Receptacles	Rec & Parks	\$3.50 Each		
TV with DVD Player (Indoor)	Rec & Parks	\$10 at Civic Center only.	\$20 due day of event	
Other				
Other				

Director Approved \_\_\_\_\_

Application Fee \_\_\_\_\_

**Oak Ridge Recreation and Parks Department**  
**Special Event Application**

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**HOLD HARMLESS AGREEMENT**

*The applicant covenants to save, defend, hold harmless and indemnify the City, and all of its officers, departments, agencies, agents and employees (Collectively the "City") from and against any and all claims, losses, damages, injuries, fines, penalties, costs (including court costs and attorney's fees), charges, liability, or exposure, however caused, resulting from, arising out of, or in any way connected with the applicant's event as herein described.*

The Special Event described above is approved subject to any conditions noted on this form or otherwise set forth by the City of Oak Ridge.

***I agree to abide by all City rules and policies established by the City for use of City Property.***

Signed \_\_\_\_\_

Print Name \_\_\_\_\_

Position \_\_\_\_\_

Date \_\_\_\_\_

**EVENT APPLICATION APPROVAL**

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Recreation and Parks Department  
Contact Person

Date

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Recreation and Parks Department  
Director

Date

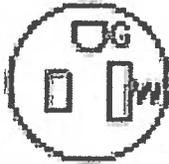
Director Approved \_\_\_\_\_

Application Fee \_\_\_\_\_

**Oak Ridge Recreation and Parks Department**  
**Special Event Application**

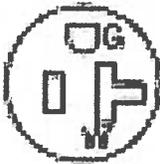
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Available power configurations  
Receptacle Type



Standard 15a  
125v  
GFCI Rated

Number requested \_\_\_\_\_



Standard 20a  
125v  
GFCI Rated

Number requested \_\_\_\_\_



14-50R  
50 amp 4 wire  
125/250v  
NON-GFCI

Limited availability please contact



L6-30  
30a 125v  
NON GFCI

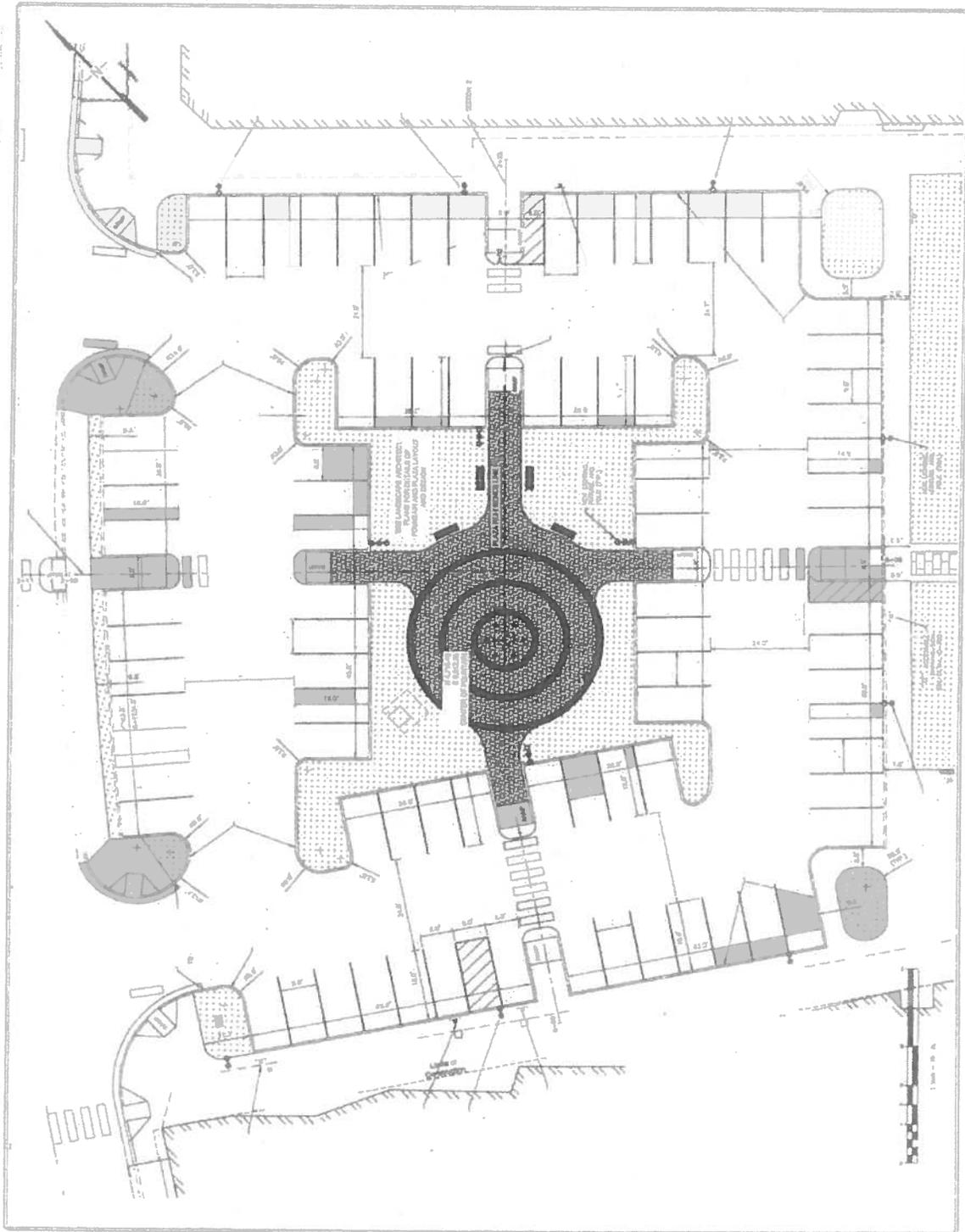
Limited number available  
Please contact for availability



Director Approved \_\_\_\_\_

Application Fee \_\_\_\_\_

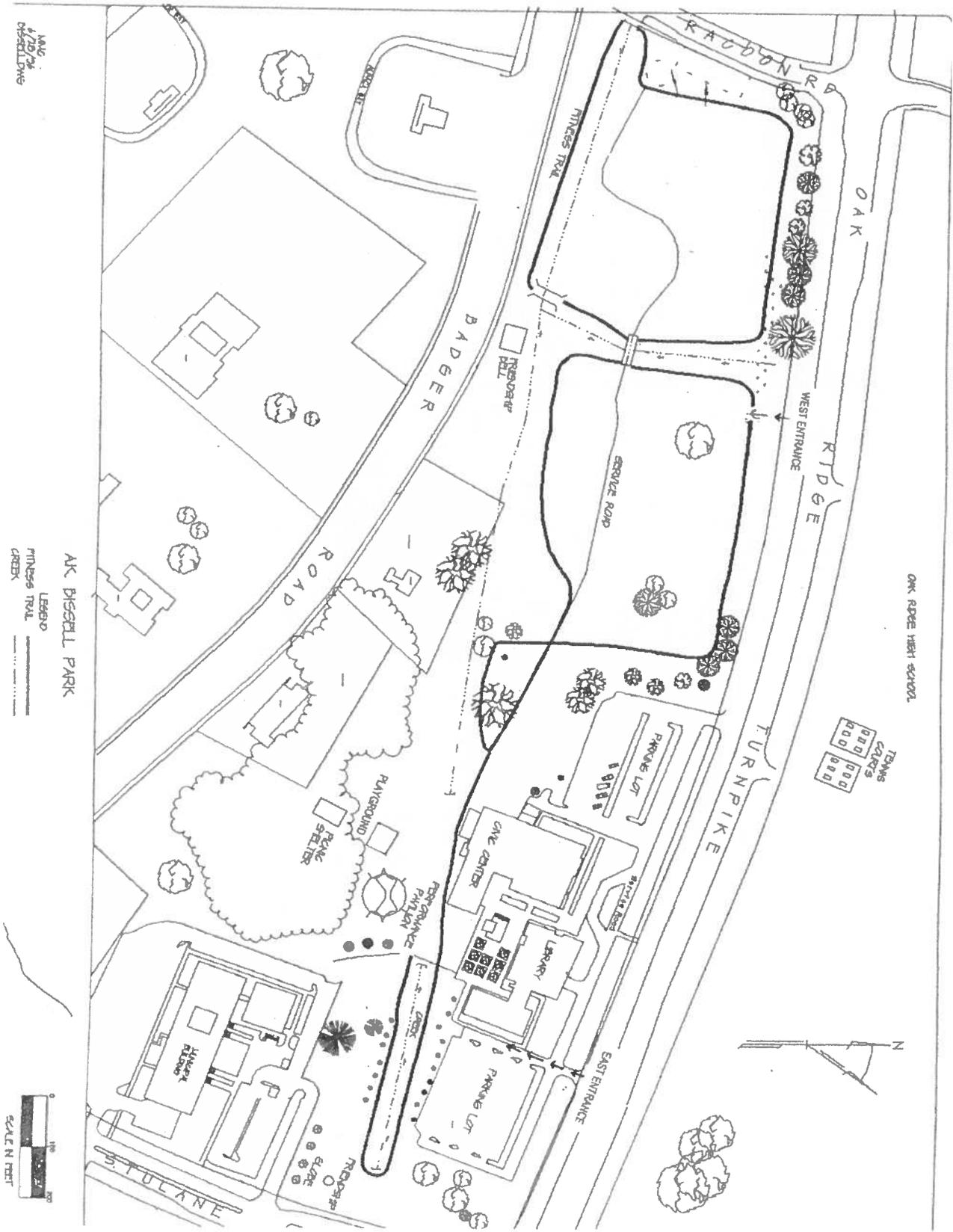
# Oak Ridge Recreation and Parks Department Special Event Application



Director Approved \_\_\_\_\_

Application Fee \_\_\_\_\_

# Oak Ridge Recreation and Parks Department Special Event Application





SIDEWALK ENCROACHMENT AGREEMENT  
JACKSON SQUARE MERCHANTS

This Sidewalk Encroachment Agreement, dated this the \_\_\_\_\_ day of \_\_\_\_\_, 2015, by and between the City of Oak Ridge, Tennessee, hereinafter referred to as the "City," and

Business Name \_\_\_\_\_

Owner(s) Name(s) \_\_\_\_\_

Physical Address: \_\_\_\_\_

Mailing Address (if different): \_\_\_\_\_

a merchant at Jackson Square, hereinafter referred to as the "Permittee."

WITNESSETH:

WHEREAS, the City is the real property owner of the parking lot and sidewalk in the horseshoe area of Jackson Square; and

WHEREAS, the Permittee is a merchant in the horseshoe area of Jackson Square and desires to encroach upon the sidewalk area immediately fronting the Permittee's establishment; and

WHEREAS, the City hereby agrees to allow the encroachment specified below under the conditions set forth in this Sidewalk Encroachment Agreement.

1. ENCROACHMENT

The Permittee desires to encroach upon the City-owned sidewalk immediately fronting the Permittee's establishment. The encroachment consists of the following (initial all that apply):

Outside dining area (tables and chairs):                      Permittee \_\_\_\_\_ City \_\_\_\_\_

Merchandise display (including tables for display):                      Permittee \_\_\_\_\_ City \_\_\_\_\_

Freestanding (A-frame) signage:                      Permittee \_\_\_\_\_ City \_\_\_\_\_

Physical, temporary barrier:  
(Describe below)                      Permittee \_\_\_\_\_ City \_\_\_\_\_

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For outside dining, if approved above, the Permittee may have seating and tables but not outside cooking, food storage, refrigeration, or food preparation. Further, if outside dining is approved above, the Permittee may serve alcoholic beverages with the proper permits/licenses from local and state authorities. In the event alcoholic beverages are served, the Permittee must provide additional insurance as set forth in Section 4.

## 2. CONDITIONS FOR ENCROACHMENT

The encroachments approved above are subject to the following conditions:

- A. All encroachments must be in compliance with all other applicable city ordinances and regulations. For example, freestanding signage must still comply with sign requirements set forth in the Zoning Ordinance or other city codes.
- B. Encroachments must not prevent pedestrian travel along the sidewalk. For accessibility purposes, there must be an unobstructed minimum six-foot-wide pathway under the covered portion of the sidewalk for pedestrian access.
- C. Encroachments must not obstruct the sidewalk frontage of any other business located in Jackson Square and must not obstruct the view of said businesses from the parking spaces.
- D. If any encroachment falls into a state of disrepair or otherwise is determined to present a dangerous condition, then the Permittee shall immediately remove the encroachment at the Permittee's sole expense and repair any damage to the sidewalk. If the Permittee fails to remove the encroachment after notice from the City and/or fails to make the necessary repairs to bring the sidewalk back into its prior condition, the City has the right to remove the encroachment and repair the sidewalk at the Permittee's expense.
- E. No encroachment may be permanently installed or attached to the sidewalk or other City-owned property.
- F. Encroachments are further subject to City approval at any time. Specifically, the City has the right to rescind approval of any encroachments for any reason (such as unsafe condition or explicit language on merchandise) or for no reason at all.

## 3. INDEMNIFICATION

To the fullest extent permitted by law, the Permittee agrees to be solely responsible for any and all injuries, damages, and claims to persons or property arising out of its encroachment, except such injuries, damages, and claims arising out of the willful misconduct of the City or its employees. The Permittee agrees to defend, hold harmless, and indemnify the City, its officers, employees, agents, and authorized volunteers against any and all such injuries, damages, and claims. This indemnification provision shall not be limited or restricted to any insurance proceeds.

## 4. INSURANCE

For the lifetime of this Sidewalk Encroachment Agreement, the Permittee shall maintain liability insurance on the property including the encroachment area in the minimum amount of \$1,000,000.00 and shall name the City of Oak Ridge, Tennessee, as an additional insured. The Permittee shall also maintain liquor liability insurance in the minimum amount of \$1,000,000.00 naming the City as an additional insured if alcoholic beverages are served/consumed on the sidewalk as part of an outside dining area. The Permittee shall provide certificates of insurance indicating such coverage and shall provide the City with updated certificates when current

certificates are set to expire. Failure to provide the City with updated certificates shall automatically rescind the City's authorization for the encroachment(s).

5. TERM

This Sidewalk Encroachment Agreement shall commence on the date first written above and shall terminate on December 31, 2016, unless terminated earlier in accordance with this agreement.

6. TEMPORARY REMOVAL

The City may require temporary removal of any and all encroachments by the Permittee for necessary maintenance of or access to the sidewalk or any utilities overhead or underneath.

7. TERMINATION

The City may terminate this Sidewalk Encroachment Agreement at any time upon written notice to the Permittee giving ten (10) days for the Permittee to remove any and all encroachments, except for unsafe conditions or inappropriate merchandise which shall be removed immediately upon verbal notice by the City. Termination will occur automatically should the Permittee no longer occupy the premises or should the Permittee's occupation of the premises materially change since execution of this document.

The Permittee may terminate this Sidewalk Encroachment Agreement at any time by giving written notice to the City and removing any and all encroachments.

8. PERMITTEE'S RESPONSIBILITIES UPON TERMINATION

Upon termination, the Permittee shall remove any and all encroachments and shall, at the Permittee's sole expense, repair the sidewalk for any damage caused as a result of the encroachment and/or removal of the encroachment.

9. ASSIGNMENT

This Sidewalk Encroachment Agreement may not be assigned by either party.

10. ENTIRE AGREEMENT

This Sidewalk Encroachment Agreement represents the entire agreement between the parties relating to the issue of sidewalk encroachments. Any prior negotiations, agreements, promises, understandings, or representations not expressly set forth herein are of no force and effect. Any amendment to this Sidewalk Encroachment Agreement shall be in writing signed by both parties.

11. GOVERNING LAW

This Sidewalk Encroachment Agreement, the rights and obligations of the parties, and any claims or disputes relating thereto shall be governed and construed in accordance with the laws of the State of Tennessee.

IN WITNESS WHEREOF, the parties have caused this Sidewalk Encroachment Agreement to be duly executed on their behalf, as of the day and year first written above.

APPROVED AS TO FORM AND LEGALITY:

CITY OF OAK RIDGE, TENNESSEE

\_\_\_\_\_  
Kenneth R. Krushenski, City Attorney

\_\_\_\_\_  
Mark S. Watson, City Manager

PERMITTEE(S):

\_\_\_\_\_  
Signature of Owner

\_\_\_\_\_  
Printed Name

PERMITTEE(S):

\_\_\_\_\_  
Signature of Owner

\_\_\_\_\_  
Printed Name

Attachments: None

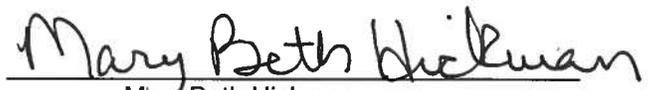


**CITY CLERK MEMORANDUM**  
**16-11**

DATE: April 15, 2016  
TO: Honorable Mayor and Members of City Council  
THROUGH: Mark S. Watson, City Manager  
FROM: Mary Beth Hickman, City Clerk  
SUBJECT: ANIMAL ORDINANCE INFORMATION FOR WORK SESSION AGENDA

The following information is provided for City Council's review and discussion at the April 19<sup>th</sup> Work Session pertaining to animal ordinances:

- 1) Memorandum dated March 31, 2016 from City Manager Mark S. Watson regarding the keeping of Chickens within the city limits of Oak Ridge
- 2) Copy of the City of Knoxville's ordinance on domesticated chickens
- 3) Copy of the City of Murfreesboro's ordinance pertaining to animals and fowl
- 4) Oak Ridge City Code and Zoning Ordinance sections pertaining to fowl and livestock
- 5) Oak Ridge Property Maintenance Code sections pertaining to pest elimination and infestation as well as dogs
- 6) Emails and comments from citizens regarding the keeping of chickens in the city limits of Oak Ridge

  
Mary Beth Hickman  
Mary Beth Hickman

Attachments

**CITY COUNCIL MEMORANDUM**  
**16-06**

DATE: March 31, 2016  
TO: Honorable Mayor and Members of City Council  
FROM: Mark S. Watson, City Manager   
SUBJECT: KEEPING OF CHICKENS WITHIN CITY LIMITS OF OAK RIDGE

Introduction

During the Citizen Comment section of the March 14, 2016, City Council meeting a resident asked if Council would reconsider permitting chickens in residential areas of the city.

Review

Currently, the RG-1 Zone District allows "Stock, Dairy and Poultry Farms" as a Conditional Use requiring Board of Zoning Appeals (BZA) review. Article III, Section 3.29, identifies the conditional criteria which the BZA considers in review of the request to raise animals or livestock. Animals of this nature are not allowed in other residential zone districts. Several attributes of the Oak Ridge community do require additional thought when reviewing this issue including average Oak Ridge city lot size of approximately .35 acres, a large number of multi-residential units, and a number of unique housing parcel configurations with varying backyard sizes. The city's wealth of greenbelts that permeate Oak Ridge neighborhoods also provide increased access for wildlife corridors among domestically kept animals.

Several cities have adopted this recent trend, including the neighboring City of Knoxville. Knoxville's current ordinance for citizens keeping domesticated chickens has several facets which govern its administration. The Knoxville ordinance designates Animal Control as the sole authority for permitting and inspecting residential chicken coops and fencing requirements. Annual permits for domestic chickens are required at a cost of \$25.00, with an additional \$50.00 building permit fee for the required chicken coop. Residents can have no more than six (6) hens per lot regardless of how many dwelling units there are, and roosters are expressly prohibited. The keeping of hens is for noncommercial use only, eggs may not be sold, and slaughter of hens is not allowed. Hens must be kept in a fenced, predator-resistant enclosure at all times, with a minimum of two (2) square feet per hen, per fenced enclosure. Henhouses are not allowed in front yards and neither the henhouse nor the fenced enclosure can be within ten (10) feet of abutting property lines. Strict codes of care include: keeping chicken feed indoors or in waterproof outdoor containers, provisions for the storage and removal of waste, and the henhouse and surrounding area must be kept free from trash and accumulated droppings. The final aspect of the Knoxville ordinance is that it is expressly stated that upon signed agreement with the City to house domestic chickens, the citizen waives their fourth amendment right as provided by the United States Constitution with regard to hens allowed by the permit. Volunteer groups supplement the City's efforts by providing educational resources and training opportunities for individuals interested in rearing domestic chickens.

Should Council decide to pursue an Oak Ridge domestic chicken ordinance, the focus should be on guaranteeing the safety of the animals, deciding the acceptable number of hens per resident in the 4-6 range, assuring a resident's demonstrated knowledge on domestic chicken care, and a tracking mechanism for the eggs produced. Ordinance requirements that also aid in reducing vermin, guaranteeing safe storage of food for the animals, sick hen identification, egg-handling safety, and planning for the disposition of manure should be considered when adopting an ordinance. This will have the effect of limiting the impact on neighbors, and preventing momentary decisions to house chickens.

As a benchmark, other cities that Oak Ridge is frequently compared to and their approaches to the keeping of domestic chickens are as follows:

- Maryville, and Alcoa do not allow chickens to be kept within non-designated zoning areas within the city limits.
- Farragut does allow residents to keep chickens in zones deemed Agricultural (with a minimum acreage of 5 acres), Rural Single-Family Residential (minimum of 1 acre), and Rural Single-Family Acre Residential (minimum of 1 acre). The two rural residential zones in Farragut are areas on the periphery of the central city, and have little in common with their central residential parcels or the central residential parcels of Oak Ridge.
- The City of Oak Ridge also has zoned properties available for mini-farms.

#### Funding

An annual estimated cost of visiting the chicken coop once per month by an Animal Control officer would be roughly \$240.00 per participating citizen. The monetary figure is derived from the cost of the vehicle and the animal officer's time for 30 minutes. This number does not include any additional costs that could be incurred through neighbor complaints, abandoned hens, pursuance of community training to guarantee increased safety for the animals, or violations of the above ordinance. Furthermore, the estimated cost does not take into account other obligations the officer would be omitting to carry out that duty or the extra time that would be required to meet the current level of activity.

More information will continue to be researched.

City of Knoxville  
Ordinance on  
Domesticated Chickens

Sec. 5-107. - Domesticated chickens.

- (a) *Purpose.* The purpose of this section is to provide standards for the keeping of domesticated chickens. It is intended to enable residents to keep a small number of female chickens on a noncommercial basis while limiting the potential adverse impacts on the surrounding neighborhood. The city recognizes that adverse neighborhood impacts may result from the keeping of domesticated chickens as a result of noise, odor, unsanitary animal living conditions, unsanitary waste storage and removal, the attraction of predators, rodents, insects, or parasites, and non-confined animals leaving the owner's property. This section is intended to create licensing standards and requirements that ensure that domesticated chickens do not adversely impact the neighborhood surrounding the property on which the chickens are kept.
- (b) *Permit required.* An annual permit is required for the keeping of any domesticated chickens. Additionally, a building permit is required for the construction of a henhouse and chicken pen.
  - (1) The annual permit to keep chickens is personal to the permittee and may not be assigned. In addition, the permit authorizes the keeping of chickens only upon the property described in the permit. The permittee must occupy the residence on the property where the chickens are kept as the permittee's personal, primary residence. An applicant for a permit must either own the property or have permission from the property owner to be eligible for a permit. Only one (1) permit is allowed per permittee. In the event the permittee is absent from the property for longer than thirty (30) days, the permit automatically shall terminate and become void. The issuance of a permit does not create a vested right to renewal of the permit beyond the stated term thereof.
  - (2) The first permit year shall extend from the date of issuance through December 31, 2010. Thereafter the permit year shall be January 1 through December 31.
- (c) *Fees.* The fee for an annual permit to keep chickens is twenty-five dollars (\$25.00). In addition, a fifty dollar (\$50.00) fee shall be required for the building permit for the construction of a henhouse and fenced enclosure.
- (d) *Number and type of chickens allowed.*
  - (1) Up to six (6) chickens may be allowed. The provisions of this section apply to all lots regardless of how many dwelling units are on the lot. In the case of multifamily residential complexes without individually owned back yards, the maximum number of chickens allowed is six (6) per complex.
  - (2) Only female chickens (hereinafter "hens") are allowed. There is no restriction on domestic chicken breeds. However, fowl and poultry other than chickens are not allowed.
- (e) *Noncommercial use only.* Hens shall be kept for personal use only; no person shall sell eggs or engage in chicken breeding or fertilizer production for commercial purposes. The slaughtering of chickens is prohibited.
- (f) *Fenced enclosures and henhouses.*
  - (1) Hens must be kept in a fenced enclosure at all times. The fenced enclosure must be either: (i) covered, or (ii) at least forty-two (42) inches high, in which case, all hens must be wing-clipped to prevent escape. Hens shall be secured within the henhouse during non-daylight hours.
  - (2) In addition to the fenced enclosure, hens shall be provided with a covered, predator-resistant

henhouse.

- (3) A minimum of two (2) square feet per hen shall be provided for henhouses and six (6) square feet per bird for fenced enclosures.
  - (4) Fenced enclosures and henhouses must be properly ventilated, clean, dry, and odor-free, kept in a neat and sanitary condition at all times, in a manner that will not disturb the use or enjoyment of neighboring lots due to noise, odor or other adverse impact.
  - (5) The henhouse and fenced enclosure must provide adequate ventilation and adequate sun, shade and must be constructed in a manner to resist access by rodents, wild birds, and predators, including dogs and cats.
  - (6) Henhouses shall be enclosed on all sides and shall have a roof and doors. Access doors must be able to be shut and locked at night. Opening windows and vents must be covered with predator- and bird-resistant wire of less than one (1) inch openings.
  - (7) The materials used in making the henhouse and fence shall be uniform for each element of the structure such that the walls are made of the same material, the roof has the same shingles or other covering, and any windows or openings are constructed using the same materials. The henhouse shall be well-maintained.
  - (8) Henhouses shall be located in compliance with the City of Knoxville Code of Ordinances, appendix B, zoning regulations.
  - (9) Neither the henhouse nor the fenced enclosure may be located less than ten (10) feet from any abutting property line.
  - (10) Henhouses and enclosures shall not be permitted in front yards.
- (g) *Food storage and removal.* All stored food for the hens must be kept either indoors or in a weather-resistant container designed to prevent access by animals. Uneaten food shall be removed daily.
  - (h) *Waste storage and removal.* Provision must be made for the storage and removal of chicken manure. All manure for composting or fertilizing shall be contained in a well-aerated garden compost pile. All other manure not used for composting or fertilizing shall be removed. In addition, the henhouse and surrounding area must be kept free from trash and accumulated droppings.
  - (i) *[All other rules of this code apply.]* In addition to the standards set forth in this ordinance, the permittee must follow all other applicable rules for the keeping of animals included in this code.
  - (j) *Application for permit.* Every applicant for a permit to keep domesticated hens shall:
    - (1) Complete and file an application on a form prescribed by the animal control unit;
    - (2) Deposit the prescribed permit fee with the animal control office at the time the application is filed. Any material misstatement or omission shall be grounds for denial, suspension or revocation of the permit.
  - (k) *Approval of permit.* The animal control board shall issue a permit if the applicant has demonstrated compliance with the criteria and standards in this section.
  - (l) *Denial, suspension or revocation of permit.* The animal control board shall deny a permit if the applicant has not demonstrated compliance with all provisions of this section. A permit to keep domesticated hens may be suspended or revoked by the animal control board where there is a risk to public health or safety or for any violation of or failure to comply with any of the provisions of this section or with the provisions of any other applicable ordinance or law. Any denial, revocation or suspension of a permit shall be in writing and shall include notification of the right to and procedure for appeal.

- (m) *Penalty.* In addition to any other enforcement action which the city may take, violation of any provision of this section shall be a civil violation and a fine not exceeding fifty dollars (\$50.00) may be imposed. Each day that a violation continues will be treated as a separate offense.
- (n) *Separability.* In the event that any portion of this section shall be declared by any competent court to be invalid for any reason, such decision shall not be deemed to affect the validity of any other portion of this section.

(Ord. No. O-116-2010, § 2, 8-24-10)

## **City of Murfreesboro ordinances pertaining to animals, including fowl**

Provided by Melanie Po'e, Legal Assistant, City of Murfreesboro

### **Section 5-1 Fowl.**

It shall be unlawful for any person owning or having control of any chickens, ducks, geese, turkeys, or other domestic fowl of any kind to negligently, willfully, or knowingly permit the same to run at large in the City or to trespass upon the property of another in the City, whether or not such property is enclosed, or to fail to keep same enclosed or confined so as to prevent the same from so running at large or from so trespassing upon the property or premises of another.

It shall be unlawful for any person to own, house, or maintain a rooster within the City limits. Notwithstanding the foregoing, a citizen may own, house, or maintain a rooster within the City limits when the rooster is penned or housed a minimum of two thousand feet from the nearest residence, measured by the most direct route from the pen or building where the rooster is located to the nearest residence.

[Charter §4(37), regulation of animals running at large; Ord. of 04-08-43 §1; Ord. No. 95-O-28 §§1-3, 06-01-95]

### **Section 14-120 Refuse from dogs, cats, and domestic fowl.**

(A) It shall be unlawful for the owners of dogs, cats, domestic fowl, and other domestic animals to fail to dispose of the excrement, waste, or refuse matter, resulting in odor to the occupants of adjacent property or any health hazard to the public or inhabitants of the subject premises. This same requirement applies to persons who maintain or board animals for others.

(B) It shall be unlawful for any person to maintain more than four dogs on a lot of record containing less than two acres unless same is (1) a licensed kennel, (2) veterinary office or (3) granted a special use permit by the Board of Zoning Appeals and the premises pass unannounced inspections by the Building and Codes Department. However, this paragraph shall not apply to puppies under four months of age.

(C) It shall be unlawful for any person to maintain more than six cats outdoors on a lot of record containing less than two acres unless same is a licensed kennel or veterinary office. However, this paragraph shall not apply to kittens under two months of age.

(D) It shall be unlawful for any person to maintain more than eight chickens, ducks, turkeys, geese, or other domestic fowl, rabbits, or any combination thereof on a lot of record containing less than two acres.

(E) It shall be unlawful for any person to permit their dog or cat to defecate on the sidewalk, public street, public property, or the private property of another and fail to promptly remove same.

(F) The procedure for special permits under Code §14-120(B)(3) shall be the same as that provided in sections 8 and 9 of the City of Murfreesboro Zoning Ordinance, as amended, which is incorporated herein by reference as if set forth verbatim. The fee shall be the same as that established for variance requests. The Board of Zoning Appeals may grant special permit under Code §14-120(B)(3) provided the evidence presented at the public hearing establishes the following:

(1) the requested use will not have a substantial or undue adverse effect upon the use

and enjoyment of contiguous property and the character of the neighborhood;

(2) the facilities for keeping dogs will be constructed, arranged, and operated so as to be compatible with property in the immediate vicinity and not interfere with the use and enjoyment of adjacent property; and,

(3) the keeping of dogs will not cause offensive odors, dust, flies, insects, excessive noise, or other conditions which are detrimental to the health, safety, welfare, and enjoyment of the owners and occupants of the subject property, contiguous property, or the community as a whole.

(G) The Board of Zoning Appeals may impose such conditions upon the premises granted a special permit as may be necessary to prevent or minimize any adverse effects of such use and to ensure the compatibility of the use with contiguous property and property in the vicinity. Such conditions shall be set forth in the motion authorizing the permit and in the special permit. A violation of such condition shall be a violation of this chapter. The Board of Zoning Appeals is authorized to revoke a permit granted under this section if the conditions imposed upon the premises benefited by such a permit have been violated or have not been met. The holder of a special permit shall be entitled to a due process hearing prior to revocation.

[Ord. No. 90-41 §1, 09-20-90; Ord. No. 91-1 §1, 01-17-91]  
[Cross reference: Ch. 5, animals and fowl.]

## **CITY CODE**

### City Code §10-101. Definitions.

The following definitions shall apply in the interpretation and enforcement of this chapter unless it is apparent from the context that a different meaning is intended:

(10) "Fowl." The term "fowl" means any wild or domesticated bird.

(13) "Livestock." The term "livestock" means all farm animals, including but not limited to cattle, horses, pigs, fowl, sheep, goats and mules.

### City Code §10-114. Keeping or possessing livestock.

It is unlawful for any person to keep or possess livestock, including pigs and goats, within the city. This section is inapplicable to areas zoned for livestock, provided the owner complies with the conditions set forth in the zoning ordinance. (Ord. #15-99, Aug. 1999)

## **ZONING ORDINANCE**

### Section 3.02 General Land Use Provisions

- (a) No animals, livestock, or poultry of any kind shall be raised, bred or kept in any residential zoning district except RG-1 except that, subject to the provisions herein, dogs, cats or other customary pets may be kept provided that they are not kept, bred or maintained for any commercial purpose or in a manner constituting a public or private nuisance. In all cases, the Board of Zoning Appeals shall determine what is a customary pet in the event of dispute. The provision shall in no way be construed to abrogate any person's responsibility or liability under this or any other city ordinance dealing with noise or nuisance.

## GENERAL REQUIREMENTS

### SECTION 309 PEST ELIMINATION

**309.1 Infestation.** All structures shall be kept free from insect and rodent *infestation*. All structures in which insects or rodents are found shall be promptly exterminated by *approved* processes that will not be injurious to human health. After pest elimination, proper precautions shall be taken to prevent reinfestation.

**309.2 Owner.** The *owner* of any structure shall be responsible for pest elimination within the structure prior to renting or leasing the structure.

**309.3 Single occupant.** The *occupant* of a one-family dwelling or of a *single-tenant* nonresidential structure shall be responsible for pest elimination on the *premises*.

**309.4 Multiple occupancy.** The *owner* of a structure containing two or more *dwelling units*, a *multiple occupancy*, a *rooming house* or a nonresidential structure shall be responsible for pest elimination in the public or shared areas of the structure and *exterior property*. If *infestation* is caused by failure of an *occupant* to prevent such *infestation* in the area occupied, the *occupant* and *owner* shall be responsible for pest elimination.

**309.5 Occupant.** The *occupant* of any structure shall be responsible for the continued rodent and pest free condition of the structure.

**Exception:** Where the *infestations* are caused by defects in the structure, the *owner* shall be responsible for pest elimination.

## Chapter 3 General Requirements, Exterior Property Areas & Exterior/Interior Structure - ORPMC / IPMC Amendments

Exception: Parking in a front yard off of an approved parking surface will be allowed under these special circumstances:

1. Temporary loading or unloading.
2. When construction, remodeling, maintenance, or repairs are being performed on the property, provided a Temporary Use Permit is obtained and all applicable requirements of Section 3.18(h) of the Zoning Ordinance are met prior to issuance of the Temporary Use Permit.
3. Parking for isolated, non-recurring gatherings or parties or for visitors. This exception is not intended and shall not be used to provide permanent or semi-permanent parking for extra vehicles."

Insert new sub-section: "302.8.5 Side & Rear yard parking. For single-family detached dwellings and duplexes, residential off-street parking is permitted outside of an approved parking surface only in the side and rear yard provided side and rear yard setbacks are met and remain clear of all vehicles."

Insert new sub-section: "302.8.6 Attached or multifamily dwellings parking. For single-family attached dwellings with three (3) or more contiguous units and multiple-family dwellings, all off-street parking shall be on a paved approved parking surface."

Insert new section. "Section 302.10 Dog to be controlled so as to not commit nuisances. It shall be unlawful for any person owning or having control or custody of any dog to permit the animal to defecate upon the public property of this City or upon the private property of another unless the person immediately remove the feces and properly dispose of it; provided, however, that nothing herein contained authorizes such person to enter upon the private property of another without permission."

Insert new sub-section. "Section 302.10.1 Suitable container or instrument for removal. It shall be unlawful for any person to walk a dog on public property of this City or upon the private property of another without carrying at all times a suitable container or other suitable instrument for the removal and disposal of dog feces."

Insert new sub-section. "Section 302.10.2 Seeing Eye Dog. Visually handicapped persons who use Seeing Eye Guide Dogs are exempt from this law."

Section 304.14 Insect Screens. Insert dates in two brackets respectively: "April 1"... "November 1"

Section 304.10 Stairways, decks, porches and balconies. Insert new language to continue sentence: "and shall not be used for outdoor storage of excessive trash, junk, debris or items with intended purpose for indoor use."

Section 308.1 Accumulation of rubbish or garbage. Insert after "...property and premises," new language to sentence: "including decks, porches, and open carports..."

## The 7 False Myths About Urban Chickens

by Patricia Foreman

The local foods movement is not only gaining ground, it is here to stay; and that includes family flocks of chickens. Chickens are the mascots of local foods because of the many talents and skill sets they innately bring to small scale food production. These skill sets include being pestidicers (eating mosquitoes, ticks and fleas), herbiciders (by eating and clearing unwanted vegetation), and organic fertilizer generators (that can help create and enhance garden soil). The trend for backyard flocks is so strong, that in the past 2 years, over 500 towns and cities have revised their laws to allow urban folks to keep their own chickens.

With the reemergence of backyard chickens across the country, there have been tremendous amounts of misconceptions, false beliefs and downright prejudice surrounding the keeping of micro-flocks of chickens. As the co-host of the Chicken Whisperer Backyard Poultry and Sustainable Lifestyles Talk Show, we have heard it all.

*There are seven main concerns that routinely surface when the topic of city chicks is discussed. These are: 1. disease, 2. noise, 3. waste, odor and flies, 4. predators & rodents, 5. property values, 6. appearances, and 7. what will neighbors think? Let's look at the facts behind each of these concerns.*

**Myth 1. Chickens Carry Diseases Communicable to Humans.** Fact: the truth is that small flocks have literally no risk of avian flu transmission to humans. The 2006 Grain Report states: "When it comes to bird flu, diverse small-scale poultry is the solution, not the problem."

Centers for Disease Control (CDC) states on their website: "There is no need at present to remove a (family) flock of chickens because of concerns regarding avian flu."

Avian flu has been in the press as concern to commercial poultry production where birds are raised in monster-size flocks that are confined in over-crowded environments. This causes high stress and compromised immune systems in the birds. Any sign of disease, including a sneeze, could result in a huge number of birds getting sick; and this puts at risk a large amount of profit. As many experts have stated publicly, the solution to avian flu is in small-scale poultry.

**Myth 2. Chickens are too Noisy.** Fact: laying hens – at their loudest – have about the same decibel level as human conversation (60 to 70 decibels). Hens are so quiet that there have been cases of family flocks being kept for years without the next door neighbors knowing it.

To some, noise is a concern with roosters and their pre-dawn heralding of sunrises. Many urban codes ban roosters, or only allow them to be kept with special permits. The noise level of a rooster's crow is about the same as a barking dog; 90 decibels. But there are ways to keep roosters quiet throughout the night. Many folks regard crowing as a pleasant sound.

**Myth 3. Waste and Odor.** Fact: a forty pound dog generates more solid waste then ten chickens. To be more specific, one 40 pound dogs generates about ¾ (.75 pounds) of poo every day. Ten chickens generate about two-thirds (.66 pounds) daily poop.

The advantage to chicken manure is that it can be used as valuable, high-nitrogen fertilizer. Unlike dog or cat poop, chicken poo can be combined with yard and leaf waste to create compost. Just as valuable, about 40% of the chicken manure is organic matter which is necessary for building fertile, healthy top soil.

Chicken manure is so valuable that there is a product called Cockadoodle Doo®. What Cockadoodle Doo is made of? You guessed it; dried chicken manure. A 20 pound bag sells for \$15.00. That's 76 cents a pound for chicken manure! Lets take the stakes even higher. Where

NOTES: PROVIDED BY CORY SHARROCK, 111 MOHAWK ROAD

At the April 11<sup>th</sup> Council meeting, the Mayor requested that written copies of the attached citizen comments be distributed to members of Council and filed in the City Clerk's office.

does most commercial fertilizer come from? Think oil. Can chickens' services and products help us decrease our dependence on oil? Yes, in many ways and on many levels.

**Myth 4. Chickens Attract Predators, Pests & Rodents. Fact:** Predators and rodents are already living in urban areas. Wild bird feeders, pet food, gardens, fish ponds, bird baths, trash waiting to be collected all attract raccoons, foxes, rodents and flies. Modern micro-flock coops, such as chicken tractors arks, and other pens are ways of keeping, and managing, family flocks that eliminate concerns about predators, rodents and other pests.

Indeed, chickens are part of the solution to pesky problems. Chickens are voracious carnivores and will seek and eat just about anything that moves including ticks (think Lyme disease), fleas, mosquitoes, grasshoppers, stink bugs, slugs, and even mice, baby rats and small snakes.

**Myth 5. Property Values Will Decrease. Fact:** there is not one single documented case that we know of about a next door family flock that has decreased the value of real estate. On the contrary, local foods and living green is so fashionable, that some Realtors and home sellers are offering a free chicken coop with every sale. An example of this at [www.GreenWayNews.com](http://www.GreenWayNews.com).

**Myth 6. Coops are Ugly. Fact:** micro-flock coop designs can be totally charming, upscale and even whimsical. Some of them are architect designed and cost thousands of dollars. Common design features include blending in with the local architectural style, matching the slope of the roof and complementing color schemes. For examples go to [www.MyPetChicken.com](http://www.MyPetChicken.com).

**Myth 7. What Will Neighbors Think? Fact:** you can't control what anyone thinks, much less your neighbor. Once folks gain more experience with the advantages and charms of chickens, most prejudice and fear evaporates; especially when you share some of those fresh, heart-healthy, good-for-you eggs from your family flock.

There is one huge advantage to family flocks that is often overlooked during chicken debates. That is their role and value in solid waste management systems. Chickens, as clucking civic workers, are biomass recyclers and can divert tons of organic matter from the trash collection and landfills.

Chickens will eat just about all kitchen "waste". They love people food, even those "gone-by" leftovers that have seasoned in the refrigerator. Combine their manure with grass clippings, fallen leaves and garden waste, and you create compost. Composting with chicken helpers keeps tons of biomass out of municipal trash collection systems.

All this can save BIG TIME taxpayer dollars, which is especially valuable in these times of stressed municipal budgets.

There is precedence for employing family flocks as part of trash management. It is being done very successfully in some European towns. One example is the town of Deist in Flanders, Belgian. The city buys laying hens to give to residents who want them. The chickens' job is to divert food waste from the trash stream and not having to be pickup by workers, transported, and then disposed. The savings are significant.

You can learn more about employing family flocks as both civic and garden workers in *City Chicks: Keeping Micro-flocks of Chickens as Garden Helpers, Compost Creators, Biomass Recyclers and Local Food Suppliers*.

May the flock be with you!

...and to quoth the Chicken: "evermore".

Patricia Foreman

## Hickman, Beth

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**From:** Ken Littrell <littrellkc@yahoo.com>  
**Sent:** Monday, April 11, 2016 10:56 AM  
**To:** Hope, Chuck; Hensley, Charles; Chinn, Rick; Callison, Kelly; Baughn, Trina; Smith, Ellen; Gooch, Warren L.; City Council  
**Subject:** In favor of allowing small backyard flocks

Ladies and Gentlemen of the Council,

A fair and reasonable ordinance permitting the keeping of a small, non-commercial flock of chickens or other small birds as pets in residential areas is long overdue.

The sensible question is not why should chickens be permitted, but how can the existing de facto ban be justified and how can it be construed as serving the interests of the City of Oak Ridge.

People have been living in close proximity to chickens in urban and suburban areas pretty much for as long as towns have existed; bans on household chickens are very much a recent historical anomaly, starting in the post World War 2 era. Prior to that time, the federal government actively encouraged backyard flocks.

A small flock of chickens is no more onerous than any other traditional pet, and less so than the most common ones. Six chickens generate less waste and less noxious waste than one medium sized dog or a couple of cats. If they are all hens, they also will generate less noise than one dog. Furthermore, A quick comparison of the sizes of runs and coops with their ratings for number of birds with the sizes of backyard kennels will show that the space requirements for six chickens are less than those for one medium dog—and the dog, unlike the chickens will be reasonably expected to spend much of its time outside the kennel. Any property that can humanely accommodate one retriever can easily and comfortably accommodate six hens.

The only compelling interests the city has in banning any animal group are human safety and preventing environmental or property damage. Chickens, unlike dogs, pose a negligible risk to safety. When contained as is needed for their own safety, they pose no risk of property damage. Unlike cats and dogs that are destructive to native wildlife when they stray or exotic animals that do not thrive in captivity or pose unknown risks to wildlife through parasites and disease. Concerns about nuisance, vermin and hygiene are no different from those of any other pet and are reasonably adequately addressed by existing nuisance ordinances. They pose less of a risk of disease than cats, dogs, or wild birds. While inspections of facilities at the time of initial licensing are arguably reasonable due to the relative unfamiliarity with pet chickens locally, there is no need or value in an inspection regiment that is more frequent or invasive than that presently required of cat, dog, and rabbit owners.

I spent over \$300K for my property, and chose to live in Oak ridge for its school district. If I had known how the ordinances were interpreted, it very well may have influenced my decision to move here. It certainly reduces the value of the property for me and the likelihood that I would recommend Oak Ridge as a place to live to colleagues moving into the area. The present anachronistic interpretation of the rules for pets in Oak Ridge holds the general population of the city hostage to the prejudices of a few; it makes Oak Ridge a less enjoyable place to live by denying property owners the fair use and enjoyment of their residences, creates friction between neighbors, and causes citizens of Oak Ridge to regard their city government as a hostile force, not a partner, especially when people are singled

out for harassment at taxpayer's expense while real issues of neighborhood maintenance and quality of life go unaddressed.

Dr. Kenneth C. Littrell  
Senior Research Staff, ORNL  
47 Palisades Parkway, Oak Ridge, TN

## Hickman, Beth

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**From:** Kerri Bennett <kbennett410@hotmail.com>  
**Sent:** Thursday, March 31, 2016 9:38 PM  
**To:** City Council  
**Subject:** consideration

Oak Ridge City Council,

I am emailing you to ask for your careful consideration in support of being able to have hens in Oak Ridge. I believe this will bring enjoyment to many residents of the city and is such a learning experience for children. Many surrounding cities allow hens in city limits and it does not appear to hinder the city or its residents. I believe that registration should be a requirement for being allowed to keep hens and this can give the city some insight on how many people have hens. Having the freedom to keep hens will greatly enhance the lives of Oak Ridge residents and will not adversely affect those who do not wish to have hens.

Thank you for your consideration,

Kerri and Matthew Thompson  
Oak Ridge, TN

## Hickman, Beth

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**From:** Sexton, Sandy  
**Sent:** Tuesday, March 29, 2016 11:06 AM  
**To:** City Council  
**Subject:** Backyard Chickens

All,

I am being a messenger here...

I received a phone call this morning from a citizen and she would like to encourage you all to NOT consider Oak Ridge having backyard chickens. She stated if they want chickens, let them move to the country, because they (chickens) stink!!

She is an elderly lady and did not want to give her name because she was afraid that someone would retaliate against her.

Have a great day,  
Sandy

## Hickman, Beth

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**From:** Barbara McCord <barbarajmccord@gmail.com>  
**Sent:** Tuesday, March 29, 2016 10:31 PM  
**To:** City Council  
**Subject:** Oak Ridge residents seek permission to raise chickens in our backyard

Dear esteemed council members,

My husband and I believe that it would be in the best interests of the Oak Ridge that the City approve the means for residents to raise a limited and reasonable number of hens (4-6 per yard) within the City limits. This limited number would not create a noise nuisance, and would provide healthy food as well as create compost for those who also have gardens. We would be most pleased if this were possible.

Thank you for your consideration.

Sincerely,  
Mr and Mrs Kevin McCord  
113 E Magnolia Ln  
865-803-7914

## Hickman, Beth

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**From:** Edwin Ham Jr. <edhamjr@bellsouth.net>  
**Sent:** Monday, March 28, 2016 4:16 PM  
**To:** City Council

Back Yard Chickens.

Please Vote No to chickens in the city. We could end up with Roosters crowing in the morning or worse yet Fighting Chickens!

**Hickman, Beth**

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**From:** Kirk Beckendorf <kirkbeckendorf@gmail.com>  
**Sent:** Monday, March 28, 2016 10:31 PM  
**To:** City Council  
**Subject:** Chickens

Dear Council Members,

I want you to know that I would appreciate your considering, and then supporting an appropriate and quality regulation allowing the keeping of chickens in the city limits.

Thank you.  
Kirk Beckendorf

## Hickman, Beth

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**From:** Norine Moss <norine.moss@icloud.com>  
**Sent:** Sunday, March 27, 2016 7:21 PM  
**To:** City Council  
**Subject:** Backyard chickens  
**Attachments:** image1.PNG; ATT00001.txt

I am one of the hundreds of Oak Ridge citizens who want the right to have a few (3-6) backyard hens. (No roosters). We are not alone in this. Knoxville, Sevierville and several surrounding cities have successfully implemented backyard flocks, and it has benefited both the city and the residents. Chickens bring many benefits, not limited to decreased dependence upon government funds to survive. Raising chickens can be beneficial, teaching residents to become more self sufficient, and responsible.

I was personally, raised on a farm. I know what it takes to raise chickens. I would love the opportunity to teach my children about caring for chickens, and raising them for eggs and food. This would be a tremendous benefit to the city, and it's many families. At the extreme, permits could be granted, although I don't believe them to be necessary. Chickens provide great natural, pesticide free, pest control. They also provide wonderful organic fertilizer for flower and food gardens. They also provide eggs and meat. The mess is extremely minimal, especially compared to dogs and cats, whose waste cannot be used as fertilizer. Canine and feline waste carries disease and parasites, where chicken waste does not.

I am including a copy of a letter that has previously been sent to you regarding this issue. Thank you for your time and attention.

## Hickman, Beth

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**From:** Lois Addington <laddington2@hotmail.com>  
**Sent:** Tuesday, March 22, 2016 1:16 PM  
**To:** City Council  
**Subject:** Chickens

I read that Council was being asked to consider allowing chickens within the city. I personally think this is totally disgusting. We could use our time cleaning up our city by requiring the clean up by our slum landlords, without adding to the problem. If a resident must have chickens there is always Knoxville.

Lois Addington  
106 Bradley Avenue  
483-4275

## Hickman, Beth

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**From:** Gooch, Warren L.  
**Sent:** Monday, March 21, 2016 5:55 AM  
**To:** Kayla Cain  
**Cc:** Hickman, Beth; Watson, Mark  
**Subject:** Re: Oak Ridge Backyard Chickens

Ms. Wyatt,

Thank you for your thoughtful comments at last week's Council meeting and for providing a written copy of your full statement. I will request the City Clerk to distribute your statement to the members of Council for their information.

Sincerely,

Warren Gooch

Sent from my iPad

> On Mar 18, 2016, at 11:44 PM, Kayla Cain <kmcain90@gmail.com> wrote:

>

> Mayor Gooch,

>

> Thank you for allowing me to speak on a subject that is exceedingly important to not only myself, but to many of the citizens of Oak Ridge. I grew up here and hope to raise my family here, however it was difficult to move back to a town that would hinder me from teaching my children the importance of emergency preparedness, connection to the food we eat, and a love for all creatures. I have been unable to find past reasonings for hens being outlawed, however I hope that our city will be able to move forward and embrace the advantages of allowing citizens to be more independent when it comes to their food and usage of owned property. Again, thank you for your time and kind consideration towards the citizens of Oak Ridge.

> Yours,

> Kayla Cain Wyatt

> Oak Ridge Backyard Chickens

> <OakRidgeBackyardChickensProposal.doc.pdf>

Oak Ridge Backyard Chickens

March 14, 2016

Dear City Council Members of Oak Ridge,

As people grow more concerned about the economy, the environment, food safety, emergency preparedness, and animal welfare, they are returning to the basic skills their grandparents understood well: vegetable gardening, canning food, and raising chickens. In response to citizens' requests, many municipalities across the country have adopted ordinances allowing residents to keep a limited number of egg laying hens as pets. We would like to propose that the City of Oak Ridge amend Chapter 10 Section 114 of the municipal code in order for our city to be contemporary and keep up with the needs of our time.

Our request is not unreasonable or unusual to our area. On August 24, 2010, the City of Knoxville passed The Backyard Hen Ordinance in a city council vote 5 to 3. The Backyard Hen Ordinance of Oak Ridge could look to the success this ordinance in Knoxville, for procedures and bylaws to implement.

In the past, concerns have been raised about keeping hens within neighborhoods such as noise, smell, disease, and pest control. All these concerns are addressed in the City of Knoxville's amended ordinance on back yard chickens. (See Appendix A) But here are a few facts on keeping chickens within the city:

**Fact:** Chickens are not noisy. Most city ordinances outlaws roosters. Hens make a little 'cluck-cluck' noise when laying an egg. They are also in their coop and fast asleep by sundown.

**Fact:** The Manager of the Environmental Health Division of the Knox County Health Department and Chair of the Animal Control Board (Ronnie Nease) independently sought the advice of Dr John New of the University of Tennessee's Vet school, who is an expert on human-animal pathogens. Dr New went on record saying that a small number of backyard hens pose absolutely no additional threat to human health.

*Dr John New phone number: 974-5570*

*Ronnie Nease phone number: 215-5200*

**Fact:** Knoxville Urban Hen Coalition sought the experiences of Animal Control Supervisors in other cities where backyard hens have be legal for some time. This is what they said:

Bill Porter, Director of Animal Control, Fort Collins, CO: He says that since legalization of hens, he's received two complaints regarding smell and location of the coop, **and both cases were unfounded**. He said that the ordinance was written well, and because of that, there has been no problems.

*Bill Porter Phone Number: 970-226-3647*

Patrick Comfort, Animal Control Supervisor, Madison, WI: He said, "there have been almost zero calls in 8 years to complain about chickens". In his estimation, legalization has been "a very positive experience". He added that he has seen that the ordinance has "opened up neighborhoods" by getting neighbors interacting. "People are looking over the fence and talking about the chickens, asking neighbors if they want some eggs, or if they will watch the chickens".

*Patrick Comfort Phone Number: 608-243-0309*

**Fact:** Hens do not smell, feces DO smell. A 4-pound laying hen produces 0.0035 cu ft of manure per day. According to FDA, an average dog generates 0.75 pounds of manure a day that cannot be composted because of the harmful bacteria and parasites (hookworms, roundworms and tapeworms) that can infect humans.

Most people's experience with hens is on a farm or industrial facility where 100's, if not 1,000's, of chickens are confined. The ordinance would limit the number of hens to a small number so that smell will not be an issue.

One concern over having chickens in the city is that they might attract pests. The ability to provide food for ourselves is a basic human right, which is why in the city of Oak Ridge, many residents have backyard vegetable gardens, which as we know can attract all kinds of pests such as deer, skunks, rabbits, groundhogs, and mice. A backyard chicken will attract fewer pests than a vegetable garden and actually serve as natural insect control.

Some are concerned about the noise that might be created from having chickens in the city. Most cities that allow chickens do not allow roosters for this very reason. Only female hens are permitted in most cities because the most noise they make is a relatively quiet clucking sound, which causes a lot less noise pollution than a neighbor's barking dog.

Many people view hens as pets with benefits. If it is legal to keep parrots from the Amazon and potbellied pigs from Vietnam in our homes, then keeping a chicken is an extension of this practice that anyone who owns property should be afforded.

Every city that allows chickens has strict guidelines for the practice, which maintains order and makes the practice beneficial. For example:

Cities limit the number of hens a person may have. It is usually 3-6.

Only female hens are allowed.

A permit must be obtained from the city for an individual residence to house backyard chickens. This process includes:

- a) Obtaining a building permit for a chicken coop.
- b) Having the coop approved by Animal Control.
- c) Paying an annual fee to the city, typically \$25.00 per year

4. Hens are to be used for eggs only, not for slaughter.

The desire for residents to be able to keep hens is very real and is a growing demand in Oak Ridge. For further proof, we have collected well over three-hundred signatures on a petition to have the Chapter 10 Section 114 of the municipal code amended to allow for backyard hens within the city limits.

We thank you for your careful consideration on this matter and look forward to hearing your thoughts and concerns.

Sincerely,

Oak Ridge Backyard Chickens

## Hickman, Beth

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**From:** Bill <williamtduncan@gmail.com>  
**Sent:** Monday, March 14, 2016 5:15 PM  
**To:** City Council  
**Subject:** Chickens

I just wanted to show my support of chickens inside the city limits. Could not make the meeting tonight.

Bill Duncan

Sent from my iPad

## Hickman, Beth

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**From:** danelong1981 <danelong1981@gmail.com>  
**Sent:** Monday, March 14, 2016 3:39 PM  
**To:** City Council  
**Subject:** Consideration of Backyard Chickens

I am not able to attend the City Council meeting tonight but want to show my support. I hope you urge the Planning and Zoning Commission to reconsider allowing city residents to have a small number of hens in yards. As proposed, there would be a limit of 6 hens, no roosters, no butchering, owners must protect them from predators and the area kept be clean and sanitary. This is becoming a widespread policy in many cities across the U.S. I strongly recommend you support the reconsideration.

I'd like to add there were chickens in a yard at the intersection of South Purdue and Parsons Road in Woodland right behind J.C. Penney about 10 years ago. I lived a few houses away and never knew they were there for a long time until they got a rooster. I sat in my yard much of the time so I would have noticed any problems with noise or smell. I know from personal experience they can work which is why I hope this can be approved.

Thank you for your time and listening to Oak Ridgers.

Sent via the Samsung GALAXY S® 5, an AT&T 4G LTE smartphone

## Hickman, Beth

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**From:** Ken Littrell <littrellkc@yahoo.com>  
**Sent:** Monday, March 14, 2016 11:48 AM  
**To:** City Council  
**Subject:** Support for allowing chickens as pets in single-family residential areas

Ladies and Gentlemen of the Council:

I regret that I am unable to attend the meeting tonight to advocate in person, but ***I strongly request that you consider the passage of an improved Ordinance*** covering the keeping of pets in residential areas ***that will clearly permit the keeping of a small number of chickens as pets at single-family dwellings.***

Chickens are intelligent, social, and entertaining, friendly, gentle, and of a size to be convenient to hold and cuddle, long-lived enough to form an attachment and relationship with, quiet, easy to care for, and well-adapted to the limited space of the backyard of a single-family home. They are significantly quieter than the neighborhood dogs (and even some cats!) , wild and other domestic birds (like owls, crows and mockingbirds, parakeets , parrots, cockatiels, and peacocks), and nothing compared to the sounds of the trains to Bull Run, the traffic on the turnpike, the bars along Warehouse, and especially the coyotes frequenting vacant properties.

The Oak Ridge Municipal Code and Zoning Ordinance contains no clear rules about the keeping of pet chickens other than that the sale of dyed chicks and bunnies is banned. However, the zoning board has been interpreting Zoning Ordinance section 3.02 (a) as a blanket ban on the keeping of chickens. As writte , the Ordinance bans ANY creatures as pets other than cats or dogs "and other customary pets". It clarifies intent with by specifying that the animals are "***not kept, bred, or maintained for commercial purposes or in a manner constituting a public or private nuisance.***" This is important because it emphasizes that the ordinance is about use: residential –zoned properties are not to be used for commercial animal husbandry activities including the breeding or housing of pet animals, and the animals must be properly housed, trained, and cared-for. The problem is that it grants the zoning board the right to determine what is a "customary pet" without any standards or recourse to appeal or even maintenance of an accessible list of prior decisions. This clause allows the shifting members board to inflict their own ***personal biases*** onto the citizens of Oak Ridge, and is this arbitrary and capricious. In the last case the board decided, the reason given for banning chickens was that Oak Ridge is a city, and chickens don't belong in the city. This argument is clearly irrational as chickens are permitted on RG1 zoned land, and the opinion that chickens don't belong in cities is a personal opinion that is out of step with the span of human history and with modern trends. That argument is based on the morality of suburban sprawl and Stepford neighborhoods where everything is ornamental, identical and useless. In recent years, progressive cities and communities have been lifting and modifying these backward rules and interpretations.

In Webster's dictionary, the standard for American English, the primary definition of both livestock and poultry is that of a domesticated animal or bird kept for commercial purposes. A pet is a domesticated animal kept primarily for companionship and entertainment. Commonly available lists of pet birds list chickens, and lists of livestock list cats and dogs. These are functional, not species, definitions.

The ordinances do not explicitly ban any animals as pets, but are phrased so that the appropriateness of the animals for the comfort and safety of the homeowners, community,

environment, and animals themselves in the residential environment is the issue. This can be seen from contrasting examples in the code and ordinances. On one hand, no recognized breeds of dogs are explicitly banned as they are in many other municipalities and some countries—vicious (and nuisance) dogs are defined based on their behavior and control by their owner. On the other, pigs and goats—though often kept as pets especially in the miniature varieties—are explicitly listed in the definition of “livestock, and there are careful distinctions between cage birds raised in captivity and standard breeds of cat and dog versus the wild caught birds and hybrids of cats and dogs with their wild relatives in the definition of “wild animals”. The term “poultry” is never defined, and the word “chicken” only appears in the Code in reference to the sale or gift of baby animals (putting them in the same category under the same rules as baby rabbits) and in the Ordinance in terms of requirements for commercial poultry enterprises. The term “fowl” used in the Code definition of “livestock” is explicitly defined to include all birds. Rabbits and many kinds of birds—including parakeets, cockatiels, and lovebirds—are openly kept as pets in residential area, and we have heard of a peacock at large in the city. Oak Ridge is, after all, a bird sanctuary!

Chickens are customary pets. Small backyard flocks of pet chickens have been a part of urban life in the US for as long as our nation has existed, and are explicitly permitted—sometimes with specific limitations and sometimes under blanket pet regulations—in such places as Knoxville, Los Angeles, Seattle, Honolulu, New York, and St. Louis. Some breeds of chickens—such as Bantams, fancy show varieties, and Easter Eggers—are kept **only** as pets.

The legitimate interests of the City and of those who would object because of fears of odor, mess, or noise are already more than adequately served by the nuisance laws. A rule specifying reasonable limits on number or total weight of animals per quarter acre and a standard for housing would go a long way toward avoiding problems—something equally true for cats and dogs. As for containment, the leash laws will cover that. As for those that fear chickens will attract vermin like coyotes, the free-range cats and the dogs—and especially their food—that are kept outside already do more than an adequate job of that. So do the wild turkeys, which are protected rather than banned.

Allowing Oak Ridge single-family residence owners or, with the owners' permission, renters to keep a small number of chickens or similar birds as pets for non-commercial purposes will boost diversity and livability in our City and will allow residents a reasonable right to the enjoyment of the property that they are paying taxes on without an undue arbitrary burden. Allowing reasonable diversity in pets will allow those with allergies or other constraints the flexibility to have a healthy connection with animals and help Oak Ridge be a pleasant place to live and to better honor its designation as a “playful city”. It is also only fair and the right thing to do.

Respectfully yours,

Dr. Kenneth C. Littrell  
Senior Scientist, Oak Ridge National Laboratory  
47 Palisades Parkway  
Oak Ridge, TN 37830



Dear Manager Watson, Mayor Gooch, and Honorable Council Members,

Redflex Traffic Systems is looking forward to discussing the latest advancements in public safety technology with the City of Oak Ridge.

We are especially pleased to demonstrate the effectiveness of our new officer operated, laser speed detection equipment – Redflex TruCam. The TruCam is particularly useful as a speeding countermeasure in school zones and special roadway segments that are prone to speed related crashes and pedestrian incidents.

The TruCam will allow the officer to enforce speed laws utilizing laser speed detection, high definition imaging, and Redflex's industry leading back office processing of potential violation incidents. This will allow the officer to personally observe and ticket the speeding vehicle without having to intercept each vehicle. However, if the officer deems the violation to be serious enough to warrant a traffic stop he has the discretion to make the intercept.

If the City so chooses the Redflex TruCam could be operated throughout the City in either "photo enforcement mode" or in a regular criminal LIDAR speed detail pursuant to Tenn. Code Ann. § 55-8-198.

As we know the Tennessee Code (55) that enables photo speed enforcement was amended as follows:

"(1) Notwithstanding any provision of law to the contrary, an unmanned traffic enforcement camera that monitors speed shall not be used to issue a citation to any driver for violating the speed limit on any public road or highway; provided, that this subsection (1) shall not apply to an unmanned traffic enforcement camera:

- (A) Within the designated distance of a marked school zone; or
- (B) On any S-curve of a public road or highway.

(2) For purposes of this subsection (1), "S-curve" means a bend in a public road or highway in the shape of an "S" that inhibits a driver's full vision through the bend.

SECTION 2. This act shall take effect July 1, 2015, the public welfare requiring it and shall apply to contracts entered into or renewed on or after such date."

Since the Redflex TruCam is a "manned" photo enforcement unit The City could chose to deploy the TruCam at non-school zone or "S" curve locations in photo enforcement mode. We recognize that the City may only deploy in school zone and S-Curves.

Redflex continually leads the industry in developing and deploying new public safety technology that ensures the highest levels of efficiencies and enforcement. Please see the attached list of industry firsts that were pioneered by Redflex Traffic Systems Inc.

Hope Ball and I are planning to attend the Council Meeting on April 19<sup>th</sup> to answer any question the Council Members may have.

Thank you for your consideration.

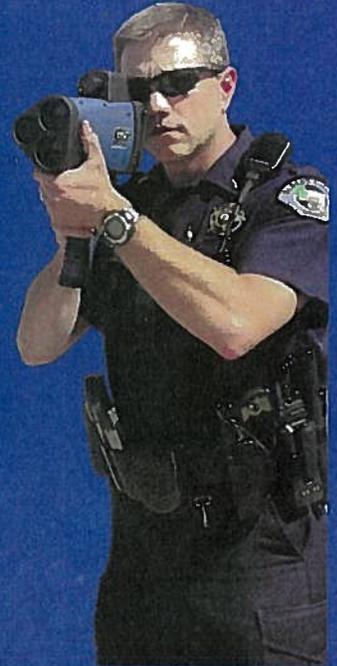
Respectfully,

Charlie Buckels  
Southeast Regional Sales Manager  
Redflex Traffic Systems  
850 Kaliste Saloom Rd. Ste 104  
Lafayette, LA 70508  
M 337-780-1901  
[clbuckels@redflex.com](mailto:clbuckels@redflex.com)

# Redflex Traffic Systems Inc.

## Pioneer of the Photo Enforcement Industry

- **1996: World's first digital image ticket processing facility**
- **1998: First digital radar speed camera contract in the US**
- **1999: First digital red light camera contract in the US**
- **2001: First in the US to combine digital red light and speed cameras into one system**
- **2002: First use of OCR to capture bus lane violators**
- **2003: First to offer 12-second video clips of violations**
- **2003: First multiple station, long distance point-to-point speed detection system**
- **2003: First weigh-in-motion enforcement system: REDFLEX WIM™**
- **2004: Our first rail crossing enforcement contract: REDFLEXrail®**
- **2004: Our first vehicle pollution enforcement systems**
- **2005: First-in-industry secure payment portal (photonotice.com)**
- **2006: First US freeway fixed speed program (Scottsdale, AZ)**
- **2007: First school bus stop arm photo enforcement system: REDFLEX Student Guardian®**
- **2008: Introduce Redflex Digital Loop Card, the fastest processing loop card in the world**
- **2009: Install its first vehicle noise enforcement camera system**
- **2009: First speed dual radar system**
- **2011: First intelligent collision prevention system: REDFLEXred Halo®**
- **2011: First over-height photo enforcement: REDFLEX No Thru Truck®**
- **2013: Introduce REDFLEX Grid Free® (anti-grid lock), REDFLEX Pedestrian Guardian® (pedestrian safety), REDFLEX Bus Lane® and REDFLEX Worker Guardian® (road construction worker safety)**
- **2015: Introduced Redflex Locator, the first vendor-created photo enforcement application**
- **2016: Introduced a hand-held speed detection system allows for violations (data, video) to be processed post-incident**



## Making Streets Safer with Easily Deployable Speed Enforcement

According to the National Highway Traffic Safety Administration, speed is one of the most prevalent factors contributing to traffic crashes and that 30% of fatalities are speeding-related. You can curb this dangerous driving behavior, protect your citizens and help prevent crashes with REDFLEXspeed®, a highly customizable photo enforcement solution proven effective at reducing speeding incidents over time. We offer an unrivaled, holistic approach that encompasses all aspects of the photo enforcement process, from violator detection, data capture, and violation verification to on-going maintenance and comprehensive customer support.

### The REDFLEXspeed® Advantage

- Partnership with Laser Technology, Inc. the manufacturer of 20/20 TruCam® handheld unit
- Handheld LIDAR unit is light, portable, accurate and easy to use
- Unit provides violation tracking history prior to and during speed detection session and outputs high resolution license plate image to maximize evidence defensibility
- Zero upfront cost
- Unit is easy to configure using drop-down menus with dynamic deployment location and operator management interfaces to ensure consistent data for reporting and productivity purposes
- Seamlessly integrate with Redflex violation processing back office for adjudication of resulting infractions
- Court interface with comprehensive online reporting

## LTI 20/20 TruCAM® Product Specifications:

**Weight:** 3.3 lb (1.50 kg)

**Size:** 8.27 x 3.86 x 12.47 in (21.0 x 9.8 x 31.7 cm)

**Construction:** Composite polycarbonate outer shell; aluminum internal chassis

**Maximum Range:** 4,000 ft (1,200 m); Typical 4,900 ft (1,500 m); Optional Extended Range

**Minimum Range:**

**Speed Mode:** 50 ft (15 m)

**Weather Mode:** 200 ft (60 m)

**Continuous Mode:** 50 ft (15 m)

**Range Accuracy:** ± 6 in (±15 cm) absolute accuracy

**Display Resolution:**

**Speed:** + 1 mph (+ 1 km/h)

**Range:** ± 0.1 unit of measure

**Speed Range:** ± 200 mph (± 320 km/h)

**Speed Accuracy:** ± 1 mph (± 2 km/h)

**Measurement Type:** Automode and single shot

**Power:**

**Battery Pack:** Lithium-ion polymer rechargeable battery pack (up to 15 hours of cordless operation)

**Battery Charger:** AC and DC

**Communication:** RS232, serial communications port  
RS485, nighttime flash signal, USB 2.0, image data transfer, touch-panel input

**Measurement Time:** 0.33 sec

**Environment:** NEMA 4/IP 55 water and dust resistant

**Temperature Range:** 14° to 140° F (-10° to +60° C)

**Eye Safety:** FDA Class 1 (CFR 21) IEC 60825-1

**Laser Wavelength:** 905 nanometers nominal

**Beam Divergence:** 2.5 milliradians nominal hardware

**Capture Data Storage:** Removable SD card (supports SD and SDHC formats)

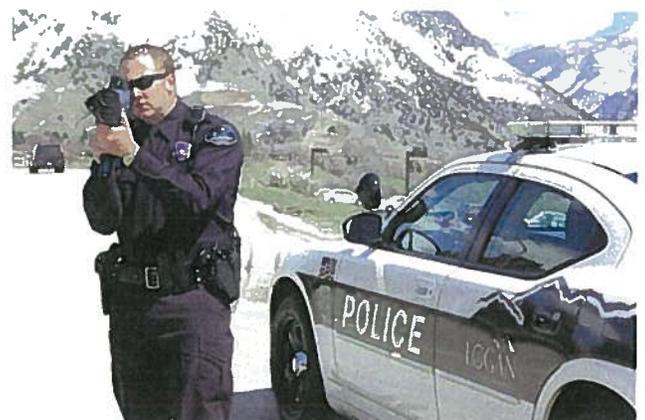
**Display:** 2.7 in (6.9 cm), 240 x 320 pixel, color, 18 bits per pixel (bpp)

**Camera Lens:** 3.1 megapixel (2048 x 1536) 75 mm

**GPS Receiver:** 20 channels firmware

**Operating System:** Linux based

**Anti-jam:** Automatic laser jammer avoidance



**Contact Us Today!** (866) 703-8097 | [sales@redflex.com](mailto:sales@redflex.com) | [Redflex.com](http://Redflex.com)

Redflex Traffic Systems Inc. introduces the latest version of mobile speed enforcement. The easily deployable unmanned unit is especially suited for school zone enforcement and locations where a small footprint is required.

The picture below shows the Redflex SpeedTrailer in full deployment mode utilizing internal battery power as well as solar panel backup.

When deployed using driver awareness signage, the system provides an effective countermeasure to excessive speed in areas such as school zones and roadway segments where pedestrians are at a higher risk due to speeding vehicles.

The high definition images and video records vehicles detected as exceeding the posted speed limit. The images and detection data are reviewed by a local police officer who then would either issue the violation notice or reject the incident based on the evidence package.

