

City of Oak Ridge, Tennessee

CITY COUNCIL WORK SESSION AGENDA

November 1, 2010

6:30 P.M. - CALL TO ORDER IN THE MULTIPURPOSE ROOM OF THE CENTRAL SERVICES COMPLEX

- I. Review of the November 15, 2010 City Council meeting agenda
 - a. Secret City Festival Funding Request
 - b. Reconsideration of Turnpike Speed Limit Ordinance
 - c. Zoning Ordinance Text Amendments
 - d. Zoning Ordinance Amendment to Create a new Zone District—IND-2 Industrial Manhattan District Overlay
 - e. Dissolution of the Budget and Finance Special Committee and the Intergovernmental Relations Special Committee
 - f. Water Treatment Plant Dehumidification System Refurbishment
- II. Briefing and demonstration of new iPads for City Council members use and primarily Council agendas
- III. Briefing, demonstration and requested Council feedback on redesigned website
- IV. Briefing on *External Stakeholders Survey* being conducted by the Oak Ridge Fire Department
- V. Continuation of discussion from the October 25, 2010 Work Session on the *Climate Action Plan for Oak Ridge, Tennessee*, prepared by the Oak Ridge Environmental Quality Advisory Board, September 21, 2010
- VI. Review of requested information by Council Member Garland on REDFLEX camera reports, accident reporting in camera vicinities, identified impacts on parallel roadways, and follow-up on speed limits for Highway 95

UPDATES:

City Manager

- ADA reports/response on City facilities
-

City Attorney

[Exit this survey](#)



DISCUSSION COPY

External Stakeholders Survey (A)

1. External Stakeholders Input

The Oak Ridge Fire Department serves our community in many capacities. As an integral part of our Strategic Planning Process, we need to know the expectations and concerns of our external customers. We are asking that the following survey questions be answered, and, if you have further concerns or feedback that you wish to share with us, that you take this opportunity to gift us with that information. And, if you are willing to be interviewed by one of our committee members so that we might gain a more in depth perspective of your viewpoints, please provide the appropriate contact information in the space provided.

Please take a look at the following list of services, briefly explained. This list is not all inclusive, but does highlight many of the services we provide. At the end of the list we will ask for your help in assessing our delivery of these services.

Emergency Services:

Emergency response to fires, hazardous conditions that might lead to fires, and hazardous materials incidents.

Emergency response to automatic fire alarms in commercial and residential structures.

Emergency response to medical calls, as the city's first responder.

Emergency response to injured persons. ORFD provides first responder medical care to those injured in auto crashes, industrial accidents, and other accidents, as well as extrication when needed. ORFD has the capability to perform rescues and collapse response.

Emergency response to assist persons who have fallen or gotten into a position where they are unable to assist themselves back into a chair or bed, even if medical transport isn't needed.

Emergency response to non-injury vehicle accidents to assist with stabilizing the scene.

Welfare checks on persons suspected of being ill or injured inside a locked residence.

Assistance in locating lost persons.

Code Enforcement and Fire Prevention Services:

Plan review and site inspections for new and renovated construction.

Working as a Partnering Jurisdiction in performing annual school inspections, and affecting corrections.

Annual survey of multi-family dwellings to assure proper operation of smoke alarms or detection systems, fire sprinkler systems, and emergency egress components.

Annual or bi-annual safety surveys of all commercial properties in Oak Ridge. Follow up inspections are performed if warranted.

Follow up of inspection reports received from private companies that inspect and test fixed fire protection systems in commercial buildings.

Installation or assistance in installing home smoke alarms in residences. Tracking the lack of smoke alarms in residences when the power is turned on for new occupants, and assuring that alarms are installed.

Investigating the cause and origin of all fires. Completing reports, working to reduce the number of similar type fires. Working with police and private investigators in civil or criminal arson cases.

Public Fire and Injury Prevention Services:

Providing speakers to engage in public education.

Providing a presence at city functions such as Secret City Festival in support of the educational mission component.

Working with the schools to provide injury prevention education in curriculums and special events settings.

Emergency Medical Support Services:

Providing ambulance response and transport at the East Tennessee Technological Park as part of our contract with DOE for providing fire protection to the ETPP site.

Providing emergency medical support at city functions such as Secret City Festival.

Non-emergency response services:

Response to vehicle or house lockouts if an animal or person is locked inside.

Assistance in resetting or restoring accidental alarm conditions.

Investigation of illegal outdoor burning.

Next

[Exit this survey](#)



External Stakeholders Survey (A)

2. Survey Questions

1. Please rate the following EMERGENCY RESPONSE SERVICES, indicating how important the provision of the service by Oak Ridge Fire Department is to you.

	Extremely Important	Very Important	Slightly Important	Not Important
Fires, hazardous conditions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hazardous materials incidents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Commercial or residential fire alarms	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Emergency medical calls	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Injury accidents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vehicle accidents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Regional response to surrounding counties for rescue and hazardous materials incidents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Welfare checks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lost persons	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please comment if desired.

4. Please rate the following EMERGENCY MEDICAL SUPPORT SERVICES, indicating how important the provision of these services by Oak Ridge Fire Department is to you.

	Extremely Important	Very Important	Slightly Important	Not Important
Provision of emergency medical support at public events, city events	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Provision of ambulance response and transport at the ETPP site	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please comment if desired.

5. Please rate the following NON_EMERGENCY RESPONSE SERVICES, indicating how important the provision of these services by Oak Ridge Fire Department is to you.

	Extremely Important	Very Important	Slightly Important	Not Important
Vehicle or house lockouts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Assisting in resetting/restoring accidental alarms	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Investigation of outside burning complaints	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please comment if desired.

6. Have you personally had an experience with Oak Ridge Fire Department's provision of any of the services listed below?

	Yes
Fire or hazardous condition	<input type="checkbox"/>
Hazardous materials	<input type="checkbox"/>
Emergency medical call	<input type="checkbox"/>
Injury call	<input type="checkbox"/>
Auto accident	

2. Please rate the following CODE ENFORCEMENT AND FIRE PREVENTION SERVICES, indicating how important the provision of these services by Oak Ridge Fire Department is to you.

	Extremely Important	Very Important	Slightly Important	Not Important
Plan review, site inspections, new construction and renovations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Annual school inspections	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Annual surveys of multi-family dwellings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Annual safety surveys of commercial properties	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Follow up on fire protection system inspection reports	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Installation of residential smoke alarms	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Investigating fires	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please comment if desired.

3. Please rate the following PUBLIC FIRE AND INJURY EDUCATION SERVICES, indicating how important the provision of these services by Oak Ridge Fire Department is to you.

	Extremely Important	Very Important	Slightly Important	Not Important
Providing speakers for public education	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participating in public events, city events	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please comment if desired.

	Excellent	Good	Average	Fair	Poor
counties for rescue and hazardous materials incidents	<input type="radio"/>				
Assistance with lifting or moving someone	<input type="radio"/>				
Welfare check on someone	<input type="radio"/>				
Lost person	<input type="radio"/>				
Code Inspection or Safety Survey	<input type="radio"/>				
Home smoke alarm installation	<input type="radio"/>				
Fire investigation	<input type="radio"/>				
Public fire or injury prevention education	<input type="radio"/>				
Emergency medical service at a city event	<input type="radio"/>				
House or vehicle lockout	<input type="radio"/>				
Fire alarm system assistance	<input type="radio"/>				
Outdoor burning	<input type="radio"/>				

Please explain your answer to help us.

8. Overall, in your experience with Oak Ridge Fire Department, how would you rate the professionalism of its members?

- Excellent
- Good
- Average
- Fair
- Poor

Please comment if desired.

9. Overall, in your experience with Oak Ridge Fire Department, how would you rate the efficiency of the operation?

- Excellent
- Good
- Average
- Fair
- Poor

Please comment if desired.

10. Overall, in your experience with Oak Ridge Fire Department, how well would you say that your personal expectations are being met?

- Excellent
- Good
- Average
- Fair
- Poor

Please comment if desired.

11. Do you feel that Oak Ridge Fire Department should train in and offer a higher level of response in any of the following areas? At this time we are trained to stabilize the situation, but not to perform highly technical rescues in these situations.

	Yes	No
High angle rescue (rope rescue)	<input type="radio"/>	<input type="radio"/>
Water and dive rescue	<input type="radio"/>	<input type="radio"/>

If there are other services you feel that the fire department should provide, please indicate below.

12. If you are willing to be interviewed by a Strategic Planning Committee member, please provide contact information below:

Name:

Address:

Email Address:

Phone Number:

Thank you for helping us assess our performance. Your help is invaluable!



SECTION 2: GREENHOUSE GAS REDUCTION GOALS

2.1: Determining the Oak Ridge Baseline

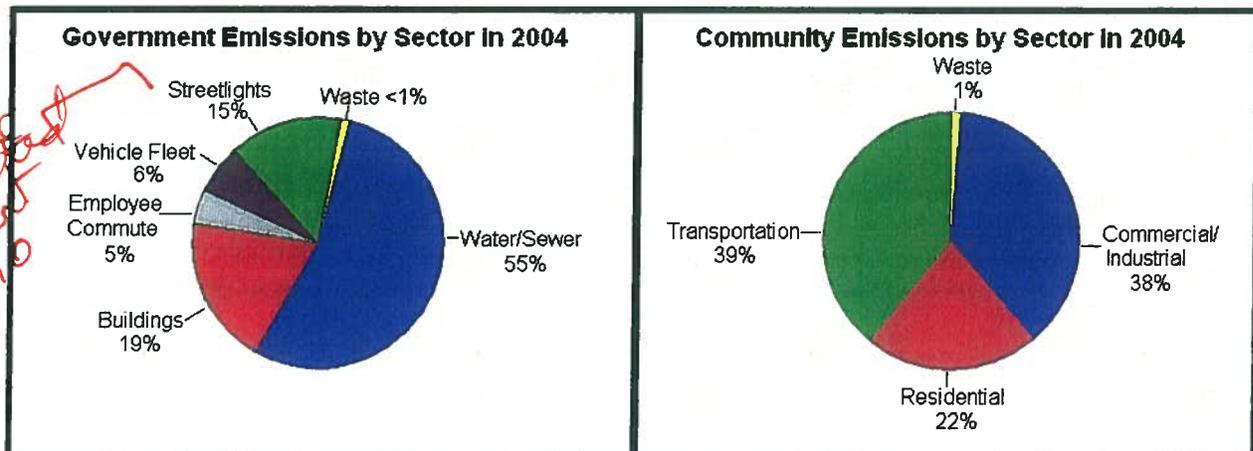
Why determine a baseline?

Because it is good to know where the bulk of emissions are coming from, so we can target projects and programs that reduce GHG emissions and then determine their effect by comparison to the baseline value.

The Clean Air and Climate Protection (CACP) software, version 1.1, provided by ICLEI, was used to conduct a baseline inventory of GHG emissions associated with both government and community operations in Oak Ridge. Using a baseline year of 2004, raw data were entered into the program and converted into tons of carbon dioxide [equivalent carbon dioxide (eCO₂) units]³. The guidance provided by ICLEI for developing a baseline year suggests that it is best to select a base year by finding the earliest year for which there is complete, comprehensive and reliable data. The year 2004 was chosen as the baseline year for Oak Ridge

because the greatest quantity of verifiable data (much of it in the form of electronic records) was available for this year.

The eCO₂ unit is a universally accepted standard of measure used for normalizing and evaluating GHG emissions such as carbon dioxide, methane, nitrous oxide, halocarbons, and sulfur hexafluoride.⁴ The input data used to perform the baseline inventory was collected from a variety of sources including the City of Oak Ridge Finance Department, the Oak Ridge Utility District (ORUD), the City's municipal waste contractor (Waste Connections), and the Knoxville Regional Transportation Planning Organization (TPO). The pie charts below illustrate the percentage of eCO₂ in Oak Ridge by each of the primary sectors evaluated using the CACP software.





Additional input was provided by graduate students from the University of Tennessee Knoxville during the fall 2009 semester. Under the tutelage of Professor Bruce Tonn, an Environmental Planning class prepared an academic paper based on the sustainability initiative being developed in Oak Ridge. These graduate students, whose majors are in diverse fields including architecture, planning, public administration and forestry, were all involved in research related to sustainability. The students also explored education and outreach options for advancing sustainability initiatives, principles of New Urbanism, local economic development, transportation planning, water conservation, municipal codes, seeking grants, and future perspectives. This collaborative effort resulted in an informative paper that compliments this CAP. Further, the ideas and suggestions presented in this paper are intended to serve as a resource for future sustainability planning. A summary of comments can also be found in **Appendix B** of this report, and an abstract of The University of Tennessee paper is included in **Appendix C**.

1.3: Mission Statement

EQAB developed and adopted a mission statement for the sustainability initiative during a work session on February 12, 2009. The mission statement was developed primarily as a basis for evaluating and ranking ideas and input provided by citizens at the *Greening Oak Ridge* forum. EQAB's sustainability mission statement is to: *"Create a sustainable community by reducing greenhouse gas emissions and consumption of resources while delivering critical public services, enhancing our quality of life and encouraging economic opportunities for residents and businesses."* A detailed discussion of the derivation and use of the mission statement is described in **Appendix D** of this CAP.

1.4: Climate Action Plan Objectives

The primary objective of this CAP is to identify and describe a series of measures EQAB believes the City could potentially implement to reduce GHG emissions from local government and community activities and operations. The first part of this plan provides a brief overview of the City's baseline GHG emissions, which were established using software and guidelines established by ICLEI. This was an important component of the development process because it provided the baseline for the City's emissions as well as insights regarding which of the many categories within the energy consumption spectrum were the largest components of Oak Ridge's "carbon footprint." The latter portion of this plan provides an overview of each measure recommended by EQAB to reduce GHG emissions. It is not the intent of this plan to present final "shovel-ready" projects for the City to implement but rather to provide rationale and criteria for evaluating suggestions and to identify additional areas to investigate further to optimize the City's resources to accomplish these objectives.