

Homeowners Perspective

Red Thunder Wind

The Office of Environmental Services (OES) recently added a service to help detect air passage ways throughout a house. This is done in a very simple manner of depressurizing the house through what's called a blower door and using an infrared gun to detect temperature changes. While the house is depressurized you can detect air movement around doors, windows, electrical outlet, and through other areas such as cracks. As we started developing this program we needed to perform test homes in which to refine our procedures.

Since this is a relatively new program I thought I would try this out on my house to review the the process. The house I currently reside in is a tribal home that was built around the early 1980's. As we proceeded with this test we calculated the volume of the house and the volume of the living area as well as the surface area of the house. All these calculations go into determining the amount of natural air exchange rate through the house. This gives us the rate at which the house should "breathe," or recycles its air. These calculations will allow us to figure out the air flow of the entire house at cubic feet per minute when gauged against a known air pressure on the house. Usually at about 20 mile per hour wind on the house.

Once the blower door was in place, the force of the air to the outside depressurizes the house allowing air to be pulled into the home from the outside. By doing this any open areas that allow air flow into the home can be detected. As this was done on my home the largest place I notice air movement was along the window sills, electrical outlets, and around doors. The

air movement can be detected by touch, a smoke puffer test (the smoke is harmless), or by infrared gun (IR). The IR gun allows us to see the change in temperature as the air flows in. I could actually see the direction of the air movement over my window sills and through electrical outlets.

Keeping the presence of air leaks to a minimum, the OES has put together a little kit that will help home owners weatherize or tighten their homes if needed. Not all homes will be "leaky" and need to be tightened. Natural air flow is needed to allow moisture to escape and for fresh air to circulate. The kits that are provided include:

- Caulk Gun w/ 2 tubes of silicon caulking
- 8 Compact Florescent Light Bulbs (CFL)
- Light Switch and electrical outlet insulators
- Weather stripping

The weatherization kit can help eliminate leaks around the windows, doors, and electrical outlets. The light bulbs are to help replace incandescent bulbs that use a little more energy than the CFL's.

Since my home audit I have started to seal up the areas around my windows and other areas where leaks were detected. Once I complete this we will retest the house to measure the air flow before and after weatherizing to get some measurable results. I will report the results of this back to you next month. If you are interested in having your home audited for leaks let us know. We will set up an appointment at your convenience.

If you have any questions let us know by calling Andrew Anderson at 918-968-0046 or you can email us at our departmental email address: oes@sacandfoxnation-nsn.gov.



USDA building gets new roof: The USDA building is approximately 30 years old, the warehouse has been extended once and the office complex was completed in 1996. Over the last few years several leaks have been detected, but with monies out of last year's budget, a brand new roof overlay by Firestone should keep facilities high and dry. The new roof is a .060 TPO Membrane with a 20 year warranty. In the roofing process seven new skylights have been installed giving better visabilty inside the warehouse. The work is being done by Standard Roofing out of Oklahoma City and should be completed soon.



A protective cover was recently installed on the new pool. (Staff Photo)

Yahweh's Storehouse Food Distribution

3RD Monday of Each Month 6pm-8pm

Family of Faith Church

3 Miles South of Meeker on Highway 18

Photo ID and Proof of Residency Required

Serving Needy Families in Meeker,

Sparks, & Prague

Delivery Available to Home Bound Individuals

(405) 273-5331

Security Positions Available

The Sac & Fox Nation Casino in Shawnee is seeking motivated individuals with a high degree of Integrity for a career in the Security Department.

Security Officer Qualifications

- GED or High School Diploma is required
- Prior Law enforcement, Military, or Security experience preferred
- Native American Preference preferred
- Able to pass background check
- Willingness to learn and help others

Benefits include

- Medical, Dental, Vision and life insurance
- Short Term Disability
- Long Term Disability
- Supplemental Insurance
- 401K Retirement Package

If you are interested in this field or any other position within the casino, please visit our website www.sandfcasino.com for an online application or view a complete list of job openings. Contact the HR Department at (405) 275-4700 Ext.164 for further details.

Earthquake Information

Red Thunder Wind

Whoa!!! That was pretty scary wasn't it? With the recent earthquakes within Oklahoma it was requested I pass along some contact information for those of you that have experienced some home damage.

Listed below are the key contact people with phone numbers that may be able to assist you and/or answer questions regarding the earthquake damage:

Steve Palladino - Oklahoma Emergency Management: 405-590-0109

Brad Craine - FEMA External Affairs: 202-465-6300

Norma Reyes - FEMA Region 6 Tribal Liaison: 940-898-5233

Richard Flores at FEMA HQ: 202-646-4663 office

Gary Robison - Chairman - Oklahoma Inter-Tribal Emergency Management Coalition (ITEMC) - 580-362-1232

There have also been several meetings in the area with FEMA and other agencies. I encourage anyone affected by these earthquakes to participate or even if you want more information or if you would like to help. You may also try contacting local emergency agencies such as the Red Cross or United Way to see if there are other ways to give assistance. This information was provided by a concerned tribal member. We would like to say thank you for passing along the information.

The Office of Environmental Services also wishes to inform you that we can inspect some wells for damage and also provide some information on well service assistance from I.H.S. OES can also test the water for total coliform, a bacteria that may indicate a compromised well and the presence of e.coli that is a serious threat for drinking water. If you are interested in a well inspection or need some other information please let us know by contacting Jeremy Fincher at 918-968-0046 or you can contact us via email at oes@sacandfoxnation-nsn.gov. For those of you that have experienced some damage our thoughts and prayers are with you.

SAC AND FOX NATION OFFICE OF ENVIRONMENTAL SERVICES IS LOOKING FOR 15 MORE CANDIDATES FOR

Private Well Water Testing

Please mail or return form to the address below.

You may also contact us via email, phone, or fax.



SAC AND FOX NATION OFFICE OF ENVIRONMENTAL SERVICES

920883 S. Hwy 99 Bldg. A Stroud, OK 74079

Phone: 918-968-0046

Fax: 918-968-0049

E-mail:

jeremy.fincher@sacandfoxnation-nsn.gov

E-mail:daniel.wind@sacandfoxnation-nsn.gov

NAME: _____

ADDRESS: _____

FINDING DIRECTIONS (IF RURAL): _____

PHONE: _____



*Testing is limited to Sac & Fox members only. Funding is available for 15 more households, so contact OES today to schedule sampling!