



**INDIAN NATIONS COUNCIL OF GOVERNMENTS
AIR QUALITY COMMITTEE MEETING**

SPECIAL MEETING MINUTES

**3 p.m. Thursday, January 12, 2012
INCOG Large Conference Room
Williams Tower II, 2 West 2nd Street, Suite 800
Tulsa, OK 74103**

IN ATTENDANCE

Keith Sorrells, AVP Metro	Glen Travis, HollyFrontier	Bruce Heine, Magellan Midstream Partners
Gary Collins, Terra Nitrogen, LP	Robert Singeltary, ODEQ	Tom Byers, Magellan Midstream Partners
Bud Ground, AEP-PSO	Deborah Perry, Oneok	Rich Brierre, INCOG
Tom Mitchell, HollyFrontier	Ken Ruffin, AEP	John Selph, INCOG AQ Committee Chair
Beverly-Bochlet Smith, ODEQ	Mike Thornbrugh, QT	Michael Patton, M.e.t.
Rhonda Jeffries, ODEQ	Don Pugh, American Airlines	Montelle Clark, ODEQ AQ Advisory Council
Mike Henk, Environmental Citizen	Richard Smith, INCOG	Nancy Graham, INCOG

AGENDA

CONSIDER, DISCUSS AND/OR TAKE ACTION ON:

1. Call to Order
Chairman John Selph called the meeting to order and asked those present to introduce themselves.
2. Approval of minutes of February 17, 2010
3. 2011 Public Opinion Survey regarding Air Quality in the Tulsa Area and the Ozone Alert! Program
The data research and analysis firm of SoonerPoll.Com was recently contracted to assess public awareness and perception of air quality issues in the Tulsa area and the Ozone Alert! Program. Staff will present an overview of the project and results.
Nancy Graham presented and discussed the data from the most recent Public Opinion Survey. (Presentation attached)
4. Tulsa Area Ozone Status - EPA's Revised Ozone National Ambient Air Quality Standards (NAAQS)
Eddie Terrill, Director ODEQ Air Quality Division, will report on the EPA's designation process for the revised (.075 ppm) ozone standard in relation to the Tulsa region. Discussion regarding strategies for the upcoming ozone season will follow.
Eddie Terrill preceded the Public Opinion Survey Presentation. He began by updating the committee on the dismal 2011 ozone season both the Tulsa and Oklahoma City areas had. Although the areas have a 'current' design value which is in violation of the 2008 .075 ppm standard, he reported that both areas have been notified by EPA that an

attainment designation, based on 2009 – 2011 data, is imminent. He explained how and why EPA will not include the 2011 ozone data in the determination. He additionally identified a new voluntary flexible ozone action-type program EPA has preliminarily introduced. The Ozone Action Program is being developed by EPA, he stated, to help areas proactively reduce ozone levels to maintain attainment status. He expects guidance on this program to follow within the spring and that the Tulsa area should be eligible to participate due to our attainment designation in 2012. Eddie followed by stating that the EPA administration may initiate a reconsideration and tighter ozone standard as early as 2013 or 2014, however the likelihood of their timeline expanding farther is very high. He stated the extended timeline for a tighter standard should provide the Tulsa area with opportunity to remain in attainment while locally and nationally ozone levels are reduced, thus avoid being declared nonattainment.

5. Adjourn

There being no further items to discuss, the meeting adjourned.



Tulsa Area Air Quality and the Ozone Alert! Program Public Opinion Study

October – November 2011

Conducted by: **SoonerPoll.com**

TULSA AREA AIR QUALITY & OZONE ALERT! PROGRAM PUBLIC OPINION RESEARCH

Methodology

Six hundred (600) random households responded to this public opinion poll from a Universe of Tulsa Transportation residents.

Potential respondents were screened for age and residence.

The data collection was conducted by telephone **from October 24 to November 19, 2011.**

Eighteen focus group participants were recruited from the 600 completed survey respondents who indicated that they would take some form of action on an Ozone Alert! Day.

Purpose of the study was to identify attitudes and awareness of air quality in the Tulsa area and the Ozone Alert! Program.

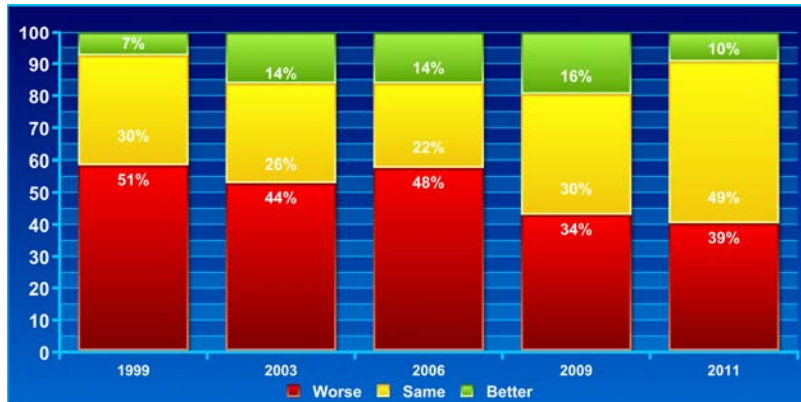
Additionally, study and analysis is a continuation of similar prior studies: 1999, 2003, 2006, & 2009.

Methodology meets the disclosure standard as prescribed by the Marketing Research Association (MRA).



PEOPLE FEEL AIR IS GOOD OR GETTING BETTER

"Do you think air pollution in the Tulsa area is getting worse or better?"

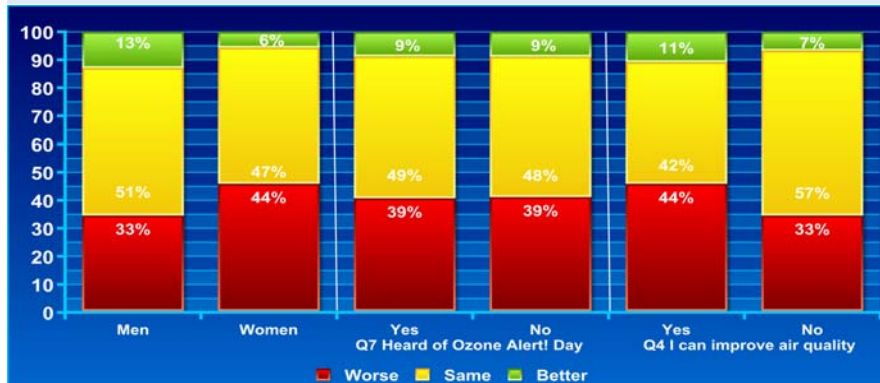


2011: INCOG Tulsa Area Air Quality & Ozone Alert! Study
Source: SoonerPoll.Com



"Do you think air pollution in the Tulsa area is getting worse or better?"

By Gender, Heard of Alert! Day?, and How They Felt About Personally Improving the Air

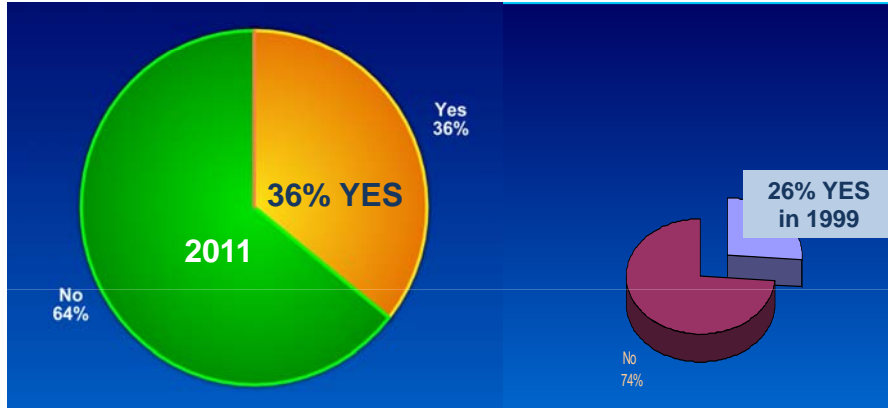


2011: INCOG Tulsa Area Air Quality & Ozone Alert! Study
Source: SoonerPoll.Com



MORE TULSANS HAVE BREATHING PROBLEMS

"Do you or anyone in your household have breathing or respiratory problems?"

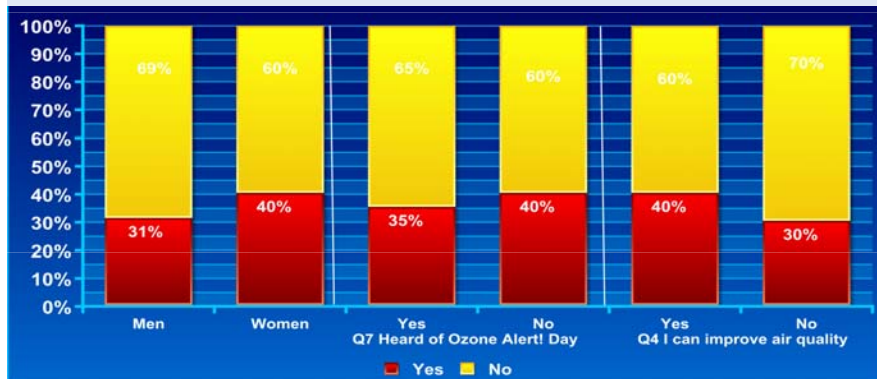


2011: INCOG Tulsa Area Air Quality & Ozone Alert! Study
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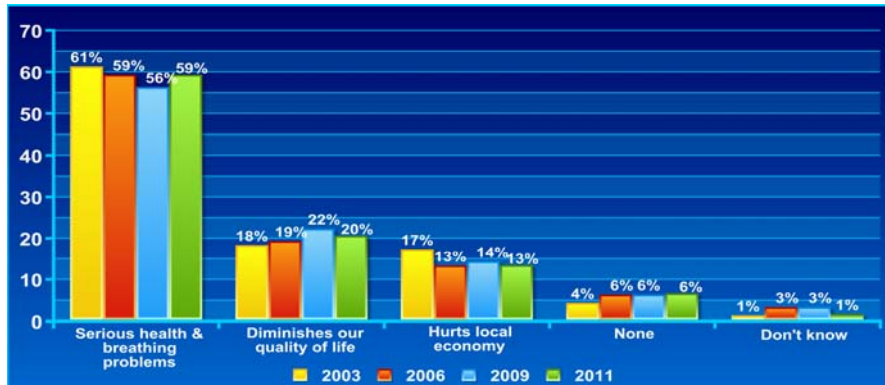


2011: INCOG Tulsa Area Air Quality & Ozone Alert! Study
Source: SoonerPoll.Com



HEALTH CONSEQUENCES OF POOR AIR QUALITY IS CONSISTENTLY OF GREATEST CONCERN

"As you may know, poor air quality in the Tulsa area can have different types of consequences. Which of the following consequences of poor air quality is most concerning to you?"

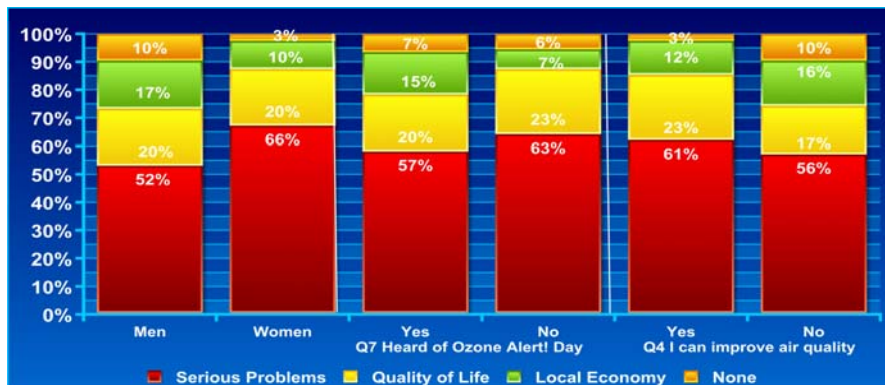


2011: INCOG Tulsa Area Air Quality & Ozone Alert! Study
Source: SoonerPoll.Com



CONSEQUENCES OF POOR AIR QUALITY

By Gender, Heard of Alert! Day?, and How They Felt About Personally Improving the Air

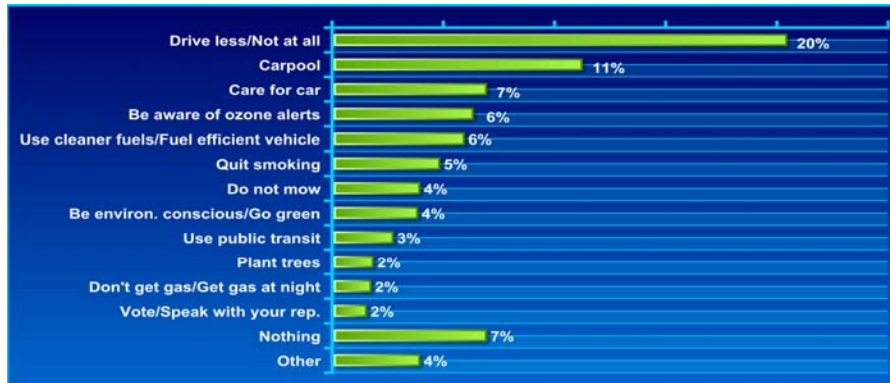


2011: INCOG Tulsa Area Air Quality & Ozone Alert! Study
Source: SoonerPoll.Com



LIMITING DRIVING REMAINS TOP OF MIND TO IMPROVE AIR QUALITY

"What do you think is the most important action an individual like yourself can do to improve air quality in the Tulsa area? "

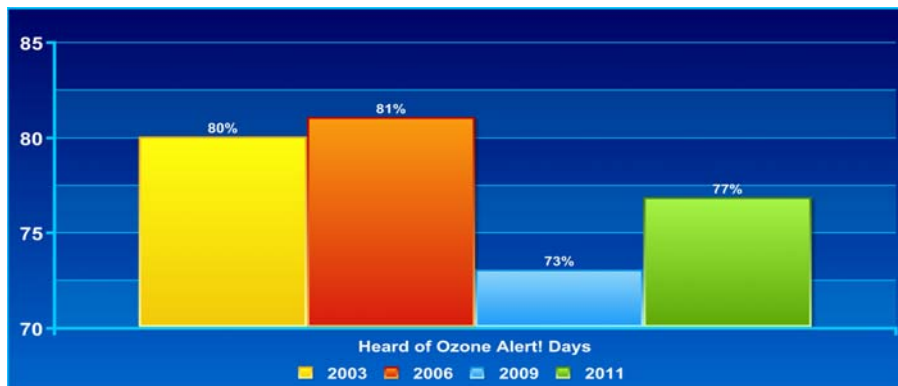


2011: INCOG Tulsa Area Air Quality & Ozone Alert! Study
Source: SoonerPoll.Com



OZONE ALERT! PROGRAM AWARENESS REMAINS HIGH

"An Ozone Alert! Day is an indication that weather conditions may lead to poor air quality in the Tulsa area. It is a summer program where the community is asked to help reduce excess pollution. Have you ever heard of this program? "

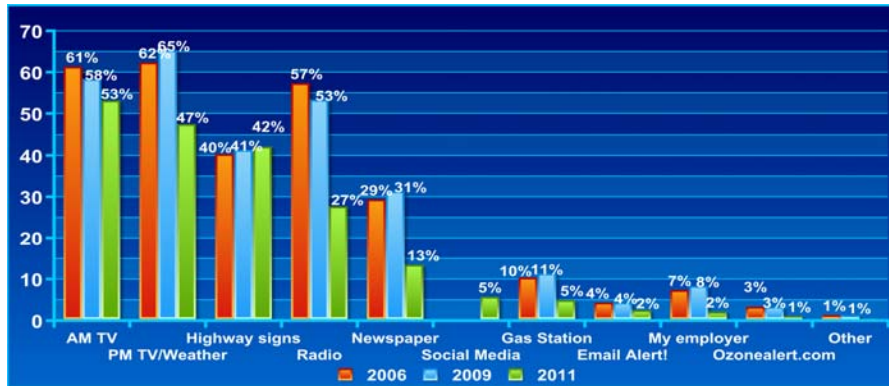


2011: INCOG Tulsa Area Air Quality & Ozone Alert! Study
Source: SoonerPoll.Com



TELEVISION REMAINS GREATEST SOURCE OF OZONE ALERT! DAY NOTIFICATION AWARENESS

Now, I'm going to read you a list of some sources of information. Please tell me which of these have informed you that a specific day had been designated as an Ozone Alert! Day."



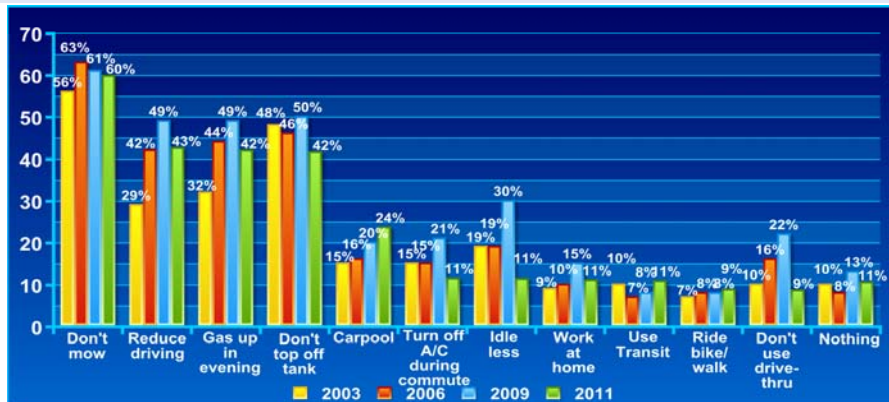
2011: INCOG Tulsa Area Air Quality & Ozone Alert! Study
Source: SoonerPoll.Com



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MOST CONTINUE NOT MOWING REDUCED DRIVING AND GASOLINE ACTIONS ALSO HIGH

"Which of the following actions do you generally or occasionally take on an Ozone Alert! Day?"



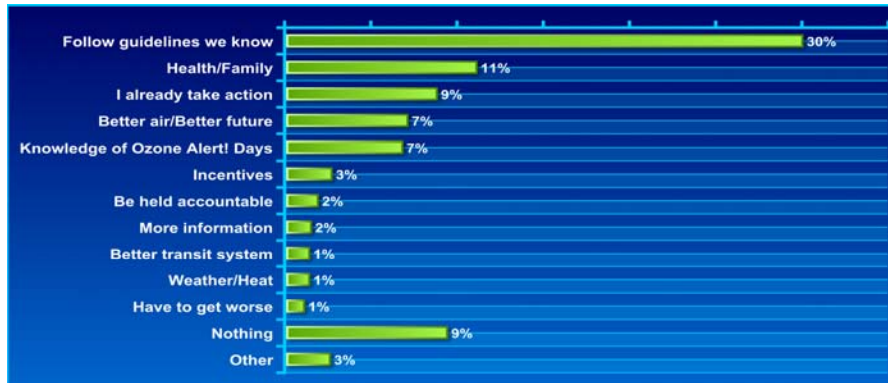
2011: INCOG Tulsa Area Air Quality & Ozone Alert! Study
Source: SoonerPoll.Com



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MOST SAY THEY SHOULD FOLLOW GUIDELINES THEY ALREADY KNOW

"Which of the following actions do you generally or occasionally take on an Ozone Alert! Day?" [Recorded Verbatim]



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2011: INCOG Tulsa Area Air Quality & Ozone Alert! Study
Source: SoonerPoll.Com

KEY TAKE AWAYS

1. The educational message of 'WHAT' to do has clearly reached Tulsa area residents.

- Most people can list an action they've been asked to do on an Ozone Alert! Day.
- The majority that hear about Ozone Alerts! do so from either the morning or evening news/weathercasts.

2. During the focus groups, some had difficult time identifying 'ozone' as it relates to 'Ozone Alert! Days.'

- Something to consider: Does not identifying correctly with the ozone have any impact on the impact of the education campaigns?

3. The challenge remains to get people motivated to take personal action.

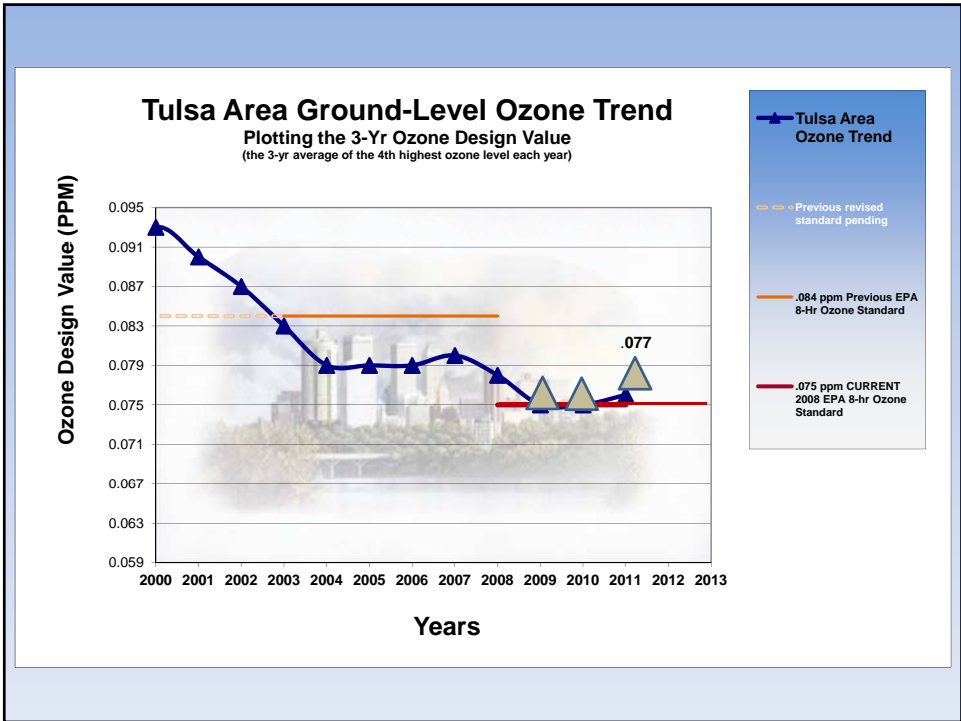
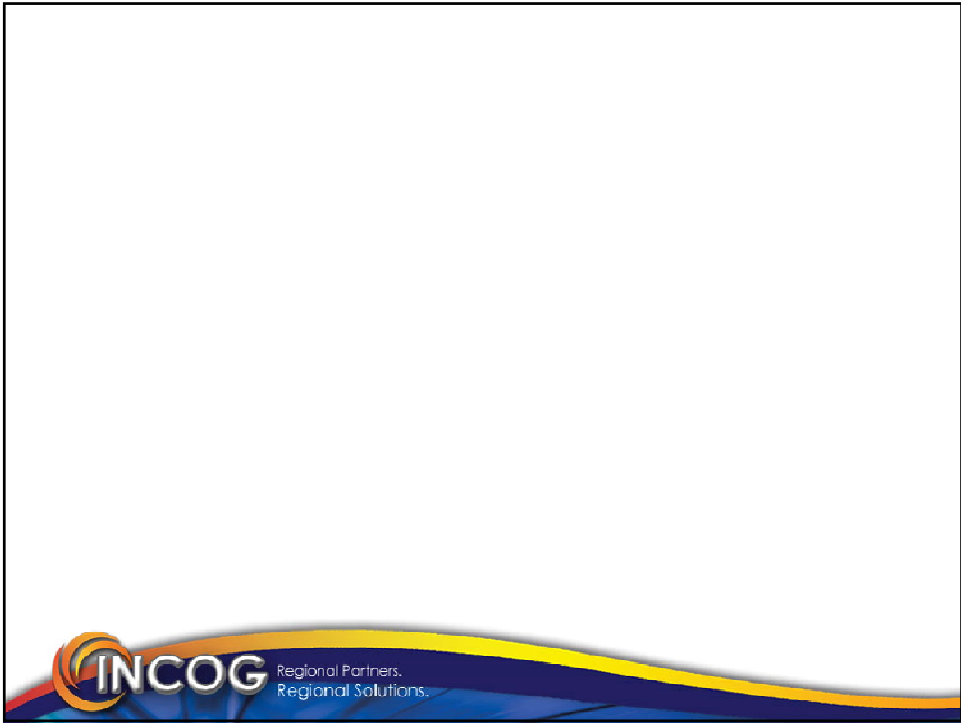
- Informational ads that they could personally relate to were favored in the ad testing done with the focus groups.
- Finding something people can relate to, possibly the health of themselves or a loved is a good possible direction for future education campaigns.

4. Making sure people consistently hear about Ozone Alerts! on alert days is important.

- Focus group participants recommended including ozone alert information on as many time/temperature points as possible in the local area.



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2011 SEASON OZONE SCORECARD

(25) **Exceedance Days:** Apr 12; Apr 13; Apr 17; Jun 23; Jul 5; Jul 6; Jul 7; Jul 14; Jul 15; Jul 25; Aug 3; Aug 4; Aug 6; Aug 9; Aug 15; Aug 19; Aug 20; Aug 21; Aug 26; Aug 27; Aug 28; Aug 30; Aug 31; Sept 1; Sept 13

Monitor Site			2011 Highest 8-Hr Ozone Averages (ppm) (1 st through 4 th highest readings)				DESIGN VALUE 3-Year Average of the 4 th highest readings				
			2008 4 th High	2009 4 th High	2010 4 th High	1st Highest date	2nd Highest date	3 rd Highest date	4 th Highest date	08-10 Avg	CURRENT 2009-2011 3-Yr Avg
West (#144 Mannford)						0.091	0.084	0.083	0.083	0.070	0.075
0.69	0.074	0.069	26-Aug	23-Jun	4-Aug	9-Aug					
East (#178 Lynn Lane)						0.095	0.089	0.082	0.082	0.070	0.075
0.069	0.072	0.071	3-Aug	20-Aug	7-Jul	13-Sept					
Central (#1127 Tulsa)						0.090	0.088	0.088	0.085	0.070	0.075
0.069	0.072	0.070	27-Aug	5-Jul	13-Sept	6-Aug					
North (#137 Skiatook)						0.079	0.073	0.073	0.085	0.075	0.077
0.079	0.073	0.073	13-Sept	5-Jul	27-Aug	19-Aug					
South (#174 Glenpool)						0.083	0.082	0.080	0.080	0.067	0.072
0.066	0.067	0.069	13-Sept	23-Jun	4-Aug	9-Aug					

An ozone exceedance = .076 ppm or greater
Is our 2009-2011 Design Value meeting the ozone standard? **NO**

Tulsa's 2012 Ozone Outlook

	4 th highest monitor reading (actual)				2011 3-Year Avg.	2012 4 th highest TARGET to regain compliance
	2008	2009	2010	2011		
					2009+ 2010+ 2011 /3	2010+ 2011+ 2012 /3
West (#144 Mannford)	.069	.074	.068	0.083 9-Aug	0.075	.076
East (#178 Lynn Lane)	.069	.072	.071	0.082 13-Sept	0.075	.071
Central (#1127 Tulsa)	.069	.072	.070	0.085 26-Aug	0.075	.072
North (#137 Skiatook)	.079	.073	.073	0.085 19-Aug	0.077	.069
South (#174 Glenpool)	.066	.067	.069	0.080 9-Aug	0.072	.078