



**Nebraska Department of Environmental Quality  
2013 Environmental Update Workshop**

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**Welcome and Opening Remarks**

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## A few housekeeping details...

- Refreshments
- Restrooms and Exits
- Cellular Phones
- WiFi Password – **jankreifels**
- Keeping things on time will get you out of here on time...
- Evaluations



## The goals or purpose of today's workshop...

- 1) To answer **your** questions – ask away!
- 2) To provide you with useful information
- 3) To help your business stay in compliance with environmental regulations

# What is Risk?

Well, besides the theme of today's workshop...

**Business risk** is influenced by a number of factors, including costs, competition, the economic climate, and government regulations – just to name a few.

**Environmental risk** is the threat of adverse effects on living organisms and the environment by effluents, emissions, wastes, etc...\*

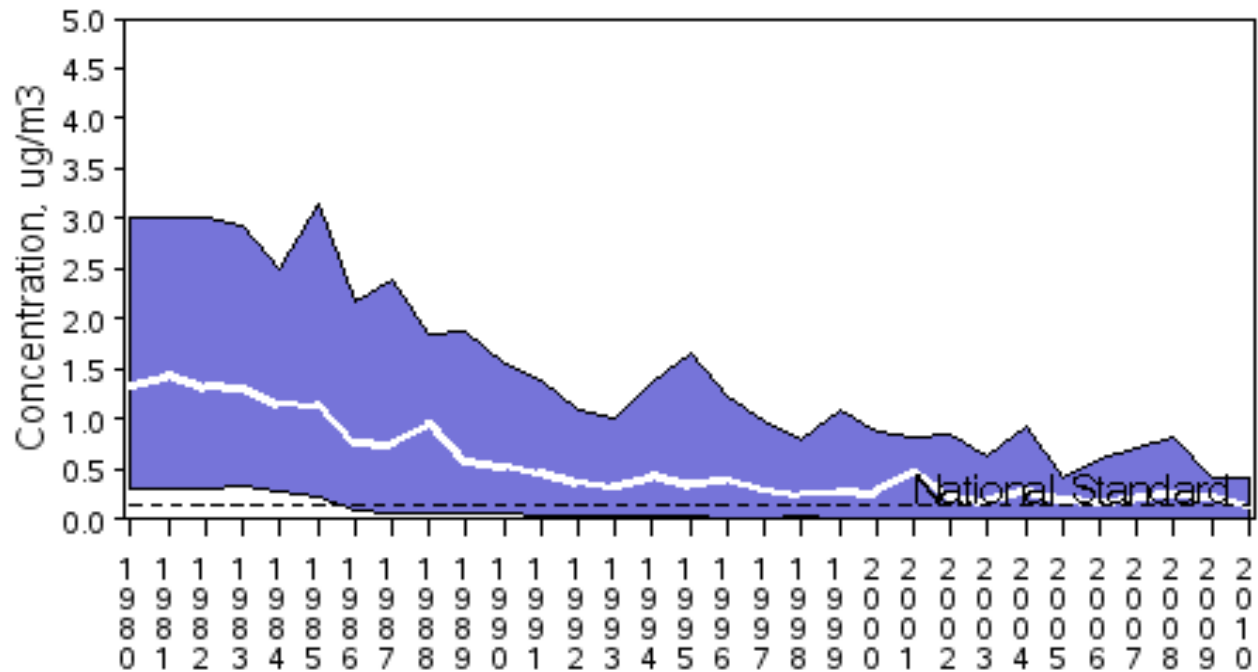
\*[www.businessdirectory.com](http://www.businessdirectory.com)

We want to help businesses reduce the latter, which in turn helps lessen the former.

# Progress is Being Made

Some  
pollutant  
risks have  
decreased  
over time...

**Lead Air Quality, 1980 - 2010**  
(Based on Annual Maximum 3-Month Average)  
National Trend based on 31 Sites



1980 to 2010 : 89% decrease in National Average

# Exposure Is Not Just From The Air

## National Drinking Water Standards - MCLs

- Many have parts per billion ( ppb) thresholds
  - Arsenic – 10 ppb
  - Atrazine – 3 ppb
  - Carbon Tetrachloride – 5 ppb
  - Mercury – 2 ppb.....

## National Priority List Sites

- Sites of national priority for cleanup due to releases of hazardous substances, pollutants, or contaminants.
- Nationally, 1313 sites as of December 24, 2012
- Nebraska has 13, from Ogallala to Omaha

Do you have  
a good feel  
for what a

“ppm”

or a

“ppb”

is?

One ppm is like:

- 1 inch in 16 miles?
- 1 minute in 2 years?
- 1 mg/kg?
- 1 mg/L?
- all of the above?



One ppb is like:

- adding a pinch of salt to a 1 ton bag of potato chips?
- adding a pinch of salt to a 10 ton bag of potato chips?

We have a Question Box for this afternoon's session, and everyone has a question slip.

Questions can also be submitted electronically!

E-mail questions to: [NDEQ.moreinfo@nebraska.gov](mailto:NDEQ.moreinfo@nebraska.gov)



In the title of your question , please place an “EU” first.

# The Morning's Networking Break

Media-specific tables will be set up around the room.



NDEQ staff will be available to answer questions you may have.

Take advantage of the opportunity!



NDEQ staff  
are wearing  
**colored  
name tags**  
to help you  
spot them  
easier.

# Ask Questions!

