

TURN-KEY'S ENVIRONMENTAL NEWS

Grant Writing: Connecting with Community Resources

A workshop sponsored by **Turn-Key Environmental Consultants**, the Environmental Education Council of Ohio Region 4, and the Ohio EPA Office of Environmental Education

This full-day grant writing workshop, to be held on **October 4, 2006 from 9 am - 4 pm at the Troy-Hayner Cultural Center**, will be useful to anyone who may use or apply for grant funds, particularly federal grant monies. The following topics will be covered:

- * Thinking like a Funder
- * Finding Funders
- * Writing a Successful Proposal
- * Developing a Project Idea
- * Common Mistakes
- * Developing a Budget

Cost for attending is \$10 and will cover a box lunch and food/drinks throughout the day. For more information please contact Martha Harris at TKEC: 937.335.8807.

This quarterly newsletter has been developed to share information about environment, health and safety issues.



5 Steps to Healthy Air Year Around By Bill Treasure

Turn-Key Environmental helps many businesses and homeowners insure healthy indoor environments throughout the year. Here are five easy steps to get started:

Five Steps for Healthy Air

1. Keep all crawl spaces covered with a vapor

barrier. The thickness of the vapor barrier is important. Be sure to purchase 10 mil or thicker.

2. Check the insulation in all crawl spaces. Insure that the paper vapor barrier is toward the living space.
3. Adjust downspouts. They must discharge

at least 5 to 6 feet from all foundations (including: crawl spaces, basements and slabs).

4. Do not store porous materials (cardboard, paper, etc.) in crawl spaces or on concrete flooring in basement.
5. Maintain relative humidity below 50%.

INTRODUCING THE NEWEST MEMBER OF TURN-KEY MARTHA HARRIS, ENVIRONMENTAL PLANNER & GRANT WRITER



The newest member of our Turn-Key staff is Martha Harris. Martha comes to us with an undergraduate degree in Biology and a Masters in Environmental Studies. Her work experience stems from over 4 years in the environmental consulting business where she specialized in helping clients navi-

gate the range of state and federal environmental laws.

Martha specializes in environmental and community planning and grant-writing. This can include a range of activities from neighborhood plans, comprehensive plans, park and recreational plans, and urban redevelopment

plans. Her grant writing work focuses on environmental and planning projects.

Martha hopes to add these skills to Turn-Key's wide range of existing services. With our newest member, Turn-Key will continue to meet any of your environmental, health, and safety needs.

MOST FREQUENTLY VIOLATED OSHA RULE

SOURCE: COMPLIANCE MAGAZINE JULY/AUGUST 2006

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Check Out Our New Website!

We have recently changed
our website to be more in-
teractive and dynamic.
Please take a look!

www.turn-keyenvironmental.com

OSHA Hazard Communi- cation Standard

Most recently, Federal OSHA cited employers for 7,174 violations with initial assessed penalties totaling over a quarter million dollars during 2005.

OSHA's Performance- Oriented Approach

OSHA provides standard outlines of what needs to be done, but the details are left up to the employer. These guidelines cover four areas:

1. Written hazard communication program.
2. Labels and other forms of warning.
3. Material safety data sheets (MSDS's).

4. Employee information and training.

Written Program — Compliance officers expect the written program to indicate who, whether by job title or name, follows which procedures to address these responsibilities.

Labels and Other Forms of Warning — When chemicals are in their original containers, employers can rely on existing warning labels. However, when chemicals are transferred to other containers, in-house labels must be completed.

Materials Safety Data Sheets (MSDS) - Employers can set up a computerized database to help organize the constant influx

of MSDSs. The record for each MSDS can link to its preparation date, manufacturer and the location where it is used in the facility. This information will help employers make sure the most current MSDS is available to the employees who use the chemical.

Employee Information & Training — Employees need clear, easy to understand information about chemical hazards to insure their safety and compliance.

The Impact of High Humidity Turn-Key Information Bulletin

Air Cooling

Moisture is a key factor in the growth & amplification of mold, fungi and other microbes. Problems with these organisms can be severe in air-conditioned buildings located in humid environments.

The accumulation of moisture on or in the envelope of buildings during the summer is strongly influenced by indoor temperature and outdoor humidity. Mold growth typically occurs on internal surfaces of the external walls or floors, since these surfaces are cooled by the air conditioning system to below or near

the dew point temperature of humid air infiltrating into the building envelope.

Moisture enters the building because of:

1. Leakage of rain into the wall cavities
2. Movement of humid air into the interior because of poor building construction
3. Water vapor diffusion from the humid exterior to the dry interior
4. Entry through the HVAC system when the supply air fan is operated while cooling coil is cycled off.

Overcooling of indoor spaces results in moisture & mold problems in buildings in climates where the outdoor dew point temperature is at or above 77 degrees.

Air Heating

In tightly constructed buildings that do not have a good fresh air return, humidity levels can rise inside during the heating cycle of winter. Sources of water vapor can build-up in tightly confined spaces. Amplifying the problem is that windows are kept shut and sealed allowing little fresh air into the building.
