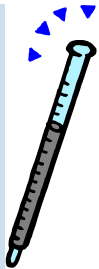


January, 2007



Mercury Facts

- It was commonly found in household latex paint prior to the early 90's
- In some cultures, mercury is used in rituals, love potions and medicines.
- Mercury placed on the world market mainly comes from cinnabar mines in Spain, China, Kyrgyzstan and Algeria.
- Five of the most commonly eaten fish that are low in mercury are shrimp, canned light tuna, salmon, pollock and catfish.
- Mercury was named after the Greek god whose name meant "Water and Silver"
- The main source of mercury emissions in the U.S. originates in coal burning.

MERCURY FLOORING CONCERNS

It appears that all of our school district clients have received a letter from the Michigan Department of Community Health regarding old (1950's - 1970's) "rubber" gymnasium floors and tracks. According to the letter, "...several manufacturers produced synthetic or 'rubber' flooring for gymnasiums, track surfaces, and other recreational applications that used a mercury compound in the formulation of these surfaces". The MDCH is concerned about the detectible release of mercury vapors in your school building, similar to those released from a broken thermometer. According to this correspondence, they are attempting to assist in the monitoring of these floors and where necessary, provide remediation options. For those interested, Mr. Brendan Boyle with the MDCH can be contacted at boyleb@michigan.gov or 1-800-648-6942.



Numerous healthAIR, inc. clients have NOT been interested in having the MDCH involved in the process and have elected to have healthAIR, inc. conduct the sampling activities. Please note that the MDCH has volunteered to conduct this activity at NO cost whereas healthAIR, inc. will have consultant costs and laboratory fees. For those with unclear historical records, healthAIR, inc. can collect a bulk sample of your flooring to determine if the material even contains mercury.

What does it all mean? The amount of mercury vapor that is considered safe in a home, school, or business is not regulated but health agencies, like the Agency for Toxic Substances and Disease Registry (ATSDR) have recommended levels that are considered protective of human health. The level of mercury vapor in the air that ATSDR recommends is 1 ug/m3. This level is also recommended by the MDCH.

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MORE MERCURY NOTICES

This past June the Department of Community Health (MDCH) issued another letter to school districts reminding them about Public Act 376 of 2000 that requires your school to be mercury free. This letter provided a inventory for each school to complete to ensure that no banned mercury or mercury devices remain in their buildings. This includes items typically found in chemistry rooms, physics rooms, biology rooms, home economics rooms, art rooms and clinics. This was used as reminder to highlight the expenses and liabilities of a mercury clean-up. Mercury and mercury-containing devices are relatively inexpensive to dispose while clean-up of contaminated waste can run in the thousands. Take another look around and call us for a pick-up.

Environmental Services



“We currently have contracts with the (State) agencies who regulate the (environment)”



phenyls) no longer occurs, PCB's still exist in much of our equipment and will be around for years to come. PCB's were used in transformers and capacitors throughout the world. PCB's are chemical compounds that persist, bioaccumulate and adversely affect human health and the environment.

Transformers are used to transfer an alternating current or voltage from one electric circuit to another by means of electromagnetic induction. PCB mixtures were widely used in electrical equipment because they do not conduct electricity easily and because they have low flammability.

According to the EPA, a PCB-containing transformer is a transformer that contains PCB's at concentrations greater than 500 ppm.

Do you own a PCB transformer? Generally a transformer will have

Project Profile - State of Michigan

Who do you trust to handle your hazardous waste and conduct your asbestos consulting services? The State of Michigan made their decision - healthAIR, inc. We currently have contracts with the agencies who regulate the activities we perform: the Michigan Department of Environmental Quality (MDEQ), the Michigan Department of Natural Resources (MDNR) and the Michigan Department of Labor and Economic Growth (MDLEG). All three regulatory agencies utilize healthAIR, inc. to handle various asbestos and hazardous waste services throughout the State of Michigan. Several examples of projects conducted for these agencies:

ABANDONED DRUMS - The State has thousands of acres of recreational properties. These sites are often illegally

Transformers - What is the Concern?

Although the manufacturing of PCB's (PolyChlorinated Bi-

phenyls) no longer occurs, PCB's still exist in much of our equipment and will be around for years to come. PCB's were used in transformers and capacitors throughout the world. PCB's are chemical compounds that persist, bioaccumulate and adversely affect human health and the environment.

ASBESTOS SAMPLING & MONITORING - Various new buildings are acquired by the State and old buildings are torn down where necessary. healthAIR, inc. is often called upon to conduct required asbestos inspections and conduct all associated project management and air monitoring on asbestos removal projects prior to demolition and/or renovation activities.

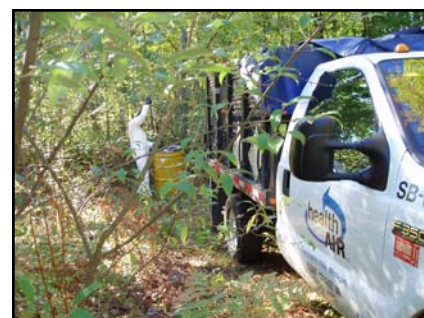
ENVIRONMENTAL SITE ASSESSMENTS - Recent State acquisitions of old railroad tracks to be converted to trails require Phase I Environmental Site Assessments. In order to limit the State's liability, it is necessary for healthAIR,

inc. to conduct a records search and environmental review of the property to ensure no environmental concerns are found.

healthAIR, inc. is proud of the work it provides to the State of Michigan and these regulatory agencies. Don't just trust anyone with your environmental projects, trust who the agencies trust.



Asbestos Air Sampling



Abandoned Drum Sampling

a nameplate attached to one side of the unit indicating the trade name of the dielectric fluid, the approximately weight in pounds, and the amount of fluid. Since PCB's were marketed under different names, the nameplate may not say PCB's but could say one of the following trade names:

- Abestol, Aroclor, Askarel, Chlophen, Chlorphen, DK, EEC-18, Fenclor, Inerdeen, Kennechlor, No-Flamol, Phenoclor, Pyralene, Pyranol, Saf-T-Kuhl, Solvol and Non-Flammable Liquid.

If you currently use or plan to dispose of a PCB-containing transformer you need to be aware that the EPA regulates their use, storage and disposal. Also, some regulations do apply to those PCB contaminated transformers containing PCB's between 50 and 499 ppm. Users must:

- Certain PCB transformers must be equipped with enhanced electrical protection or removed from service.
- All PCB transformers must be registered with fire response personnel

Environmental Services

Article from "IN THE AIR" by the Indoor Air Quality Association

New Research Suggests IAQ Boosts Student Performance

Along with pencils and paper, increased ventilation is a fundamental necessity for students returning to the classroom this fall, according to research from the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE). The research shows that kids learn better in schools with better air quality. An article describing the research is featured in the October issue of the ASHRAE Journal. The research was funded by ASHRAE and conducted in Denmark. A final report is due soon.

The research indicates that lowering the temperature and increasing ventilation in classrooms increases student performance by 10 to 20 percent. The students' performance improved mainly in terms of how quickly they worked and also how many errors were made. "ASHRAE looked at whether 'is it possible that Johnny can't read because Johnny can't breathe' so to speak," Terry Townsend, P.E., ASHRAE President, said. "The preliminary results seem to indicate the answer is yes. The study confirms earlier ASHRAE research that increased ventilation rates positively impact productivity in buildings."

Results from the research, once finalized, will be incorporated into ASHRAE technical guidance, used by engineers around the world in designing heating, ventilation, air conditioning and refrigeration systems in all types of buildings.

School officials are being urged to take the following actions in response to this research to optimize learning conditions for students:

- Visit each classroom on a regular basis, particularly on warmer days, to make sure the air conditioning system is providing adequate conditions in the room, including acoustical considerations (eliminate a noisy fan). If a unit does not appear to be operating properly, get it inspected by an HVAC professional.
- Develop and adhere to a preventative maintenance program for all HVAC equipment on site. This will improve the uptime and performance of all units while also helping to extend their service life.
- Allow and encourage teachers to lower the temperature in the classrooms on warmer days if they wish.
- Investigate and implement methods to reduce the heat build-up in classrooms in ways other than HVAC, such as window shading devices, building envelope sealing and insulation, or just turning lights off or down when not needed.
- Allow and encourage teachers, if appropriate, to open operable windows in the classroom on milder days so that more outside air can be introduced into the room. Set up procedures for then securing windows at end of day.
- Encourage maintenance staff to replace supply air filters more frequently, particularly during pollen season.
- Investigate the feasibility of introducing more outside air into the classrooms than codes require in an energy efficient manner with a mechanical engineer.



"The research shows that kids learn better in schools with better air quality?"

healthAIR, inc. is a member of the IAQA. This article was part of the December, 2006 IAQA Newsletter "In The Air". We felt this article would be beneficial to our educational clientele.

Transformers Continued

- PCB transformers in use or near commercial buildings must be registered with the building owners.
 - Combustible materials must never be stored within a PCB enclosure or within 5 ft. of the transformer/enclosure.
 - Visual inspections of each PCB transformer must be conducted quarterly.
 - Visual inspections must be conducted daily if the transformer is leaking and corrective actions must be taken immediately.
- The EPA also has specific requirements for labeling, record keeping, storage and disposal. Additionally, all PCB transformer spill must be reported to the EPA within 24 hours.

PCBs had many other uses, such as light ballasts, paints, pesticides, dielectric fluid and carbonless copy paper, to name a few.

If you need any assistance with your transformers and associated regulatory compliance and emergency response please contact healthAIR, inc.

Contact Mr. Mike Daul or Mr. John McDonald at (248) 426-0165

"..EPA has specific requirements for labeling, record keeping, storage and disposal (of PCB transformers)."



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WE'RE STILL GROWING - MOVE DETAILS

Thanks to all of you, we need to expand again. Are current move is simple – we are just moving two doors down in the same building. This new location is larger, has better access and will make it easier for us to serve you. The ONLY change will be our address...our phone numbers, fax numbers WILL NOT change.

Our OLD Address:

23941 Research Drive

Our NEW Address:

23937 Research Drive

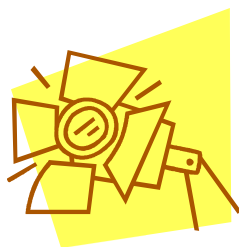
This new address was effective beginning January 8, 2007. Hope to see you here in 2007.



Look for our OPEN HOUSE to be scheduled in March, 2007



*Matt Brinsden,
Marketing and Sales
Coordinator*



Employee Spotlight

Matt Brinsden has been healthAIR, inc.'s "utility player" on and off for five years. Matt was hired as a summer intern in 2002 as an air monitoring technician for seasonal work and stayed with us for the next two summers while attending Central Michigan University during the school year. Matt hired on at healthAIR, inc. full time in June of 2005 and for the last year has been healthAIR, inc.'s Health & Safety Consultant working full time on the Birmingham Public School's bond issue program. Matt has also assisted with various hazardous waste management jobs, asbestos project management activities and indoor air quality projects - truly making

Matt our utility player.

In January, 2007, Matt will be leading the way into our newest department - Marketing and Sales. This is Matt's true interest following his bachelor's degree in Marketing from CMU. Matt's many hands-on experiences at healthAIR, inc. will make him a great asset to our new sales program.

Matt's interests are body-building and his girlfriend Michelle. He currently resides in Farmington Hills and is not only looking forward to expanding healthAIR, inc.'s clientele but also working on enhancing current client relation-



ships. If you have any concerns, comments or otherwise, please feel free to give Matt a call.

Matt can be reached at (248) 426-0165 or (734) 578-4308 [cell] and looks forward to visiting your location to keep you up-to-date on all of healthAIR, inc.'s services.