



# WAYNE COUNTY GEM AND MINERAL CLUB NEWS

Volume 39 #11 November 2011



2010-2011  
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## Wayne County Gem & Mineral Club Open House

The Wayne County Gem & Mineral Club is hosting a free Open House for the public on Friday, 11/11/11 from 6:30 PM to 8:30 PM at Park Presbyterian Church, Maple Court, Newark, NY just off Rt. 88. Club Members will be on hand to share their experiences and specimens with you. Bill Owen, a local White's Metal Detector dealer, will be there to tell how detectors work and show you items he's found with his. An interactive Ultra-Violet display will bring some super-white smiles in addition to our member-collected display of fossils & minerals. Young folks can start their own collections free of charge courtesy of the club so we hope entire families can come and enjoy this evening out together. Refreshments will be provided and rock-related materials [cabochons, fossil & mineral specimens, member-crafted jewelry, books, etc.] will be available for the upcoming holiday season. For further info, check out our website at [www.wcgmc.org](http://www.wcgmc.org) or call Pat Chapman, President, at 607-868-4649.

\*\*\*\*\*  
Condolences to Jane Milem on the recent passing of her mother-in-law.  
\*\*\*\*\*

Glen Weiler could use some cheer as he recovers from a nasty fall resulting in a fractured vertebra and a couple of herniated discs. He says he'll be better in a couple of weeks. Let's give that body a little longer to heal superman.



## WCGMC Monthly Meeting

October, 14, 2011

Meeting was called to order at 7:35 after an interesting children's program on cleavage, fractures & crystal faces given by Bill Lesniak. Thanks Bill!

I read the Sept. minutes which Bill Lesniak moved to accept and Jerry Donahue seconded. All were in favor.

Bill Lesniak gave the treasurer's report. The submitted report is on file for audit. Bill Lesniak is checking on sales tax ... business verses hobby. Ken Rowe made the motion to approve the treasurers report, Terry Wilson seconded. All were in favor.

### Field Trips...

Bill Chapman said he is open to suggestions on some field trips this fall.

Ken Rowe would like to stop at Line Bluff. He got a report from the Buffalo Club that there are some fluorescent rocks in the quarry which is owned by Hanson. They got a phone # for Bill Chapman.

Wild Acres was good. Will discuss at a later date.

### Old Business

Discussion about the Newark show. Was it worth the time spent? Was cold in that building. Had an open door. Will discuss more about the show at the Jan/Feb meetings. Bill Lesniak made the motion to table further discussion until then, Jerry Donahue seconded. All were in favor.

### Elections

Two positions are open on the board of directors - Ken and Roxanne Rowe's. They were agreeable to do their positions again. No other nominations were made. The secretary was directed to cast one ballot to re-elect the Rowes. All were in favor. WELCOME back to the board.

November Meeting treats: Eva Jane will bring 4 gallons of cider. Bill L. asked for volunteers to bring cookies.

For the mineral giveaway,

Sue H will bring apatite from Tory Hill, Ontario

Terry Wilson is bringing Horn Coral from Lords Corners, NY

Bill Lesniak has Dolomite crystals from Walworth, selenite, Mica, Hematite, & Pink Granite

Bill Chapman will provide Blue calcite from Upstate and Sphalerite

Glenn Weiler has tumbled stones from Lake Ontario.

Bill Chapman will set up a Fluorescent display with the black light.

Pat suggested Bill Lesniak substitute Pumas instead of one of his other minerals.

Sue suggested we provide some different minerals for repeat children.

Suggestions on door prizes at kids' night next month. How best to do it. Will have a board meeting before the kids meeting to iron details out.

### New Business

Pat Chapman suggested a sign- up sheet for refreshments...instead of not knowing what we will have.. share the responsibility.

Steve Chamberlain made a DVD on his presentations at Wildacres in Sept. [He is from Syracuse Club.] which we could purchase for \$20. The presentations are on NYS minerals. Bill Lesniak made a motion to purchase the DVD. Terry Wilson second... All were in favor.

It was suggested to Pat that the club purchase a Karaoke machine. Sue said some are not worth the money. She would research them. We will hear about them at a later date from Suzie Hoch.

Don Schiltz made a motion to adjourn. Roxanne seconded the motion. All were in favor.

Respectfully submitted,  
Eva Jane Weiler

**Lead** is a common element but is rare in its original form. Most locations contain lead as a result of manufacturing processes. Many of the clean-up sites around Buffalo are due to lead. Its chemical formula is **Pb**. It's relatively soft at 1.5 on the Mohs scale. There's a metallic look and is light to bluish gray. You can't see through it and it doesn't cleave so why all the fuss?

*"Why Do You Need to Be Concerned About Lead? From the E.P.A. - Nov. 2011*

*Lead is a toxic metal that was used for many years in paint and other products found in and around our homes. Lead also can be emitted into the air from industrial sources and leaded aviation gasoline, and lead can enter drinking water from plumbing materials. Lead may cause a range of health effects, from behavioral problems and learning disabilities, to seizures and death. Children six years old and under are most at risk."*

*<http://www.epa.gov/lead/>*

"Lead poisoning usually does not cause symptoms until the level of lead in your blood is very high. Most lead poisoning comes from low levels of exposure over a long period of time. The major organ systems affected are the central nervous system, digestive tract, and the urinary tract.

**General physical symptoms in children and adults (usually seen when lead poisoning levels are severe)**

Stomachaches, cramping, constipation, or diarrhea

Nausea, vomiting

Persistent, unexplained fatigue

Headache

Muscle weakness

Children with chronic low blood lead levels who may not have obvious symptoms of lead poisoning may have learning problems and be smaller in size than children their age who do not have low to moderate levels of lead poisoning. Studies have shown that declines in IQ can even be seen in children with blood lead concentrations below 10 micrograms of lead per deciliter of blood (10 mcg/dL), the level of concern defined by the U.S. Centers for Disease Control and Prevention and the World Health Organization.<sup>4</sup> Chronic exposure to lead may also cause behavioral problems in these children.

**Behavioral symptoms in children**

Irritability or aggressiveness

Hyperactivity, being easily distracted, impulsiveness

Learning problems

Lack of interest in play

Loss of appetite

**Behavioral symptoms in adults**

Irritability

Unexplained changes in mood or personality

Changes in sleep patterns

Inability to concentrate

Memory loss

**Neurological symptoms (caused by effects of lead on the nervous system)**

Poor coordination

Weakness in hands and feet

Headaches

Seizures

Paralysis

Coma

Diagnosing lead poisoning can be difficult, because many other conditions cause similar symptoms. Severe symptoms of acute lead poisoning can include seizures, unconsciousness, paralysis, or swelling in the brain. But exposure to such a high level of lead is not common. If you experience these symptoms, get emergency medical care."

**WebMD Medical Reference from Healthwise** Last Updated: June 21, 2010

# How to test for lead dust after a remodel

**The EPA recently decided not to require contractors to test for lead dust after home-renovation projects. If you want a 'clearance test,' here's what to do.**

By Dan Shapley of The Daily Green

10-13-11

<http://realestate.msn.com/how-to-test-for-lead-dust-after-a-remodel>

Over the past couple of years, the Environmental Protection Agency has been tightening the rules that contractors must follow to avoid spreading lead-tainted dust during home-renovation projects. The rules are also useful guidelines for home do-it-yourselfers, particularly if you're renovating a home built before 1978 that is likely to have lead paint on the walls, even if it's buried under wallpaper or layers of more recent paint. (**Bing:** [More on testing your home for lead](#))

If children or pregnant women are exposed to lead dust, it could cause permanent brain damage and lifelong deficiencies. That's why lead was ordered removed from paint, gas and, most recently, toys.

The new rules require things such as the use of plastic sheeting to avoid spreading dust outside the work area, spraying water mist to tamp down dust and thoroughly cleaning work areas each day. But in a turnaround, the EPA decided not to require contractors to test that their lead-safe techniques actually kept lead dust away.

If workers follow the rules, lead should not become a problem. That's the EPA's stated reasoning, anyway. Its decision could also have something to do with sustained attacks from some members of Congress and Republican presidential candidates, who have been accusing the agency of making health and environmental regulations that hurt business.

Watchdogs such as the National Center for Healthy Housing criticized the decision. (They have been criticizing the agency on this subject for decades; the EPA tightened the rules in 2008, 16 years after Congress passed a law mandating greater protection for children from lead dust during home renovations.) The center urges that homeowners and landlords should insist on clearance testing after work is completed. Here are some facts and tips from the EPA about ordering your own clearance testing:

**Require clearance testing** in your contract before work begins. Contractors are not required by law to perform lead-dust testing, so you must specify your preference ahead of time. Also indicate in the contract who is responsible for additional cleaning if the test results show the presence of lead.

**Hire a professional** to perform lead-dust testing. To locate a lead professional near you who will perform an evaluation, visit the [National Lead Information Center website](#) or call them at 1-800-424-5323.

**Lead-dust tests** are wipe samples that must be sent to a laboratory for analysis. The lab report will indicate if lead dust was present at the time of the tests.

**DIY kits are available** from some EPA-recognized labs for home lead-dust testing. For a list of EPA-approved labs, call the National Lead Information Center at 1-800-424-5323.

## Lead Poisoning - Treatment Overview



<http://children.webmd.com/tc/lead-poisoning-treatment-overview> Last Updated: June 21, 2010

Treatment for [lead poisoning](#) begins with removing the sources of lead. Getting balanced nutrition may also help. These measures are usually sufficient to limit exposure to lead and reduce lead levels in the body.

Old paint chips and dirt are the most common sources of lead in the home. Lead-based paint and the dust and dirt that come from its decomposition should be removed by professionals. In the workplace, removal of sources usually involves removing lead dust that is in the air and making sure adults don't bring contaminated dust or dirt into the home on clothes worn for work.

Balanced nutrition includes adequate amounts of vitamins and minerals such as iron, calcium, and vitamin C. A person who eats a balanced, nutritious diet may absorb less lead than a person whose diet is inadequate.

If removing the source of lead and balancing nutrition do not reduce lead levels, or if the blood lead level is very high, [chelation therapy](#) may be used. Chelation therapy is a process that lowers the amount of lead stored in the body. Drugs called chelating agents cause metals like lead to bind to them, and then they are eliminated from the body through urine. Because chelating agents may increase the absorption of lead and other metals, it is essential that sources of lead exposure be removed before a person is treated. If you have this treatment, your doctor will closely watch you for side effects.

If blood lead levels do not come down with treatment, the home and work areas need to be rechecked for other sources of lead. Contact your local health department to see what inspection services are in your area.

Prevention, primarily through screening of both children and adults, is the most effective means of reducing or eliminating the effects of lead poisoning. Damage from lead poisoning, especially to the central nervous system, is often incurable and may not improve with treatment.



WebMD Medical Reference from Healthwise for every health decision

Last Updated: June 21, 2010

*This information is not intended to replace the advice of a doctor. Healthwise disclaims any liability for the decisions you make based on this information.*

*Let's Give Thanks for Our Health and Families.  
An Extra Special Thanks to Those in Uniform  
Who Make Our Way of Life Possible!*



# Wayne County Gem & Mineral Club, Inc.

Meetings held 2<sup>nd</sup> Friday of each month  
Mini-Miner Program at 6:30 P.M.  
Regular Program & meeting at 7:00 P.M. at  
Park Presbyterian Church  
Maple Court, Newark, NY 14513  
WEBSITE: [www.wcgm.org](http://www.wcgm.org)

Organized: 1973 Incorporated: 1976  
Objective: To stimulate interest in earth sciences,  
collecting, classification of minerals, & in the art of  
gem cutting.

Fiscal Year: Oct. 1<sup>st</sup> to Sept. 30<sup>th</sup>

Dues: Due Oct. 1<sup>st</sup>.

Juniors or students [18 yr.> w/o parent in club] \$10.00

Single Adult [over 18 years old] \$15.00

Family Membership [includes 2 adult votes & kids] \$20.00

Send dues to WCGMC

PO Box 4, Newark, NY 14513

Affiliated with the American Federation of  
Mineralogical Societies [A.F.M.S.] [www.amfed.org](http://www.amfed.org)  
The Eastern Federation of Mineralogical  
& Lapidary Societies [EFMLS] [www.amfed.org/efmls](http://www.amfed.org/efmls)  
The Eastern Field Trip Alliance [E.F.T.A.] [www.efcta.biz](http://www.efcta.biz)



**WCGMC -  
Always looking For  
New Places to Dig!**

## Upcoming Events

### November

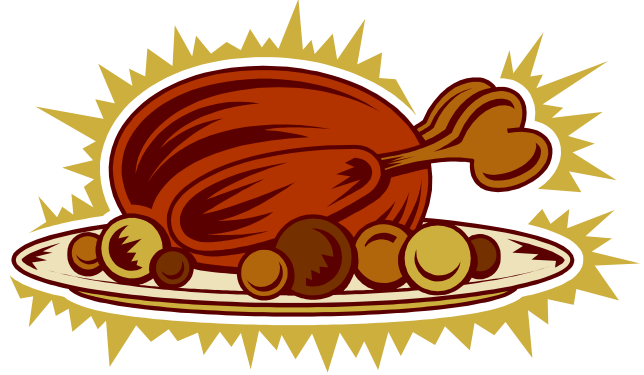
11<sup>th</sup> WCGMC Monthly Meeting Open House :

Note Time ⇨ 6:30 PM!!

Set up is 5:30. All help is appreciated. Please bring cookies!

22<sup>nd</sup> WCGMC-Cub Scout Event: Volunteers Needed:

Contact Bill Lesniak at 315-483-8061



# Happy Thanksgiving!



First Class, Dated, Meetings & Time Valued

The Public is always welcome



Wayne County Gem and Mineral Club  
P.O. Box 4  
Newark, New York 14513