Residents For Responsible Government, Inc. ©

RRG

Take Ownership in your Community

Know the Toxic Waste in your Neighborhood

RRG's Third Annual Environmental Meeting
Thursday, April 14, 2005 at 6:30 PM at Lew-Port H.S.

Purpose: To notify the community of the risks of Toxic and Radiological waste in our area.

Opening Comments — **April Fideli**
Accomplishments in the past year — **Vince Agnello**
Keynote Speaker — *"Taking Ownership in your Community"*
Ralph Nader, Nationally known Environmental and Consumer Advocate

Paulette Kline, Director of the Niagara County Health Department
"How the Niagara County Health Initiatives affect our Community"

Diane D'Arrigo, Director of Radioactive Waste Project for of Nuclear Information Resource Service, Washington D.C.
"Update on National Nuclear Policies that could affect your community"

Dr Janet Sherman, Expert on Toxic landfills and author of Life's Delicate Balance
"The Affects of Toxic and Radiological Waste in your Neighborhood"
To be read by **Tim Henderson**

Roger Cook, WNY Committee on Occupational Health
"The Affects of Toxic and Radiological Waste on Workers"

Question & Answer Session
Please place your name on a yellow card if you would like to ask a question during the Q& A. The cards will be drawn and that will determine who speaks and the order. When your name is called please stand by one of the two microphones at the front of the auditorium.

Closing — **April Fideli**

P. O. Box 262, Youngstown, NY 14174 (716) 791-4562 On the web: www.rrg-wny 200-1e

WHAT YOU NEED TO KNOW

"Army Corp. of Engineers finds Plutonium on CWM property"

U.S. Army Corps of Engineers • Buffalo District • June 2004

Vicinity Property G (VPG)

- One subsurface soil sample collected (i.e. removed from the site) during the September 2002 trenching activities containing a dime-size portion with elevated gamma radiation >1,000,000 CPM (in TBG03) exhibited radium-226 concentrations similar to K-65 residues according to laboratory results. Since historical information links VPG to K-65-related activities, it is likely that VPG was contaminated with the same K-65 residue currently stored in the interim waste containment structure at NFSS.

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Long-Term Surveillance and Maintenance Needs Assessment for the 25 DOE FUSRAP Sites March 2005

U.S. Department of Energy

For several sites, the information points to a condition allowing unrestricted use, but it is not yet complete. For example, at the Niagara Fall Storage Site Vicinity Properties, USACE will complete closeout of three properties where additional contamination was recently found; Certification Dockets for several sites (e.g., Associate Aircraft and University of Chicago Sites) are in draft form; some Certification Dockets do not include the Federal Register Certification Notification; and the Remedial Action Report is not posted for some sites, or researchers could not access all the information (the Certification Docket web page for the Chapman Valve Site would not open).

One of the outcomes of this assessment is a list of issues and follow-on activities. Missing or inaccessible data and documents should be obtained. Some technical questions remain, which also should be resolved.

RESIDENTS FOR RESPONSIBLE, INC. MEMBERSHIP INFORMATION FORM

Membership category: ____ Voting Member $10.00 annual fee; ____ Non-voting Associate Member

Amount Enclosed: ____ $10; ____ $25; ____ $50; ____ $100; ____ Other: $ _____

Name: _____ Phone: _____

Address: _____ Email (for RRG use only): _____

City, State, ZIP: _____

Volunteer Interests: ___ General Help; __ Phoning; __ Letter Writing; __ Legislative; __ Publicity

Please mail with check payable to: Residents for Responsible Government, Inc
Box 262, Youngstown, NY 14174

FOUND ON CWM PROPERTY SEPTEMBER 2002

WHAT YOU NEED TO KNOW

***Uranium** and various uranium compounds, used as fuel for plutonium-production reactors or as the explosive in atomic bombs, can affect the body in different ways, depending on how they are processed. If a uranium compound isn't soluble, it is likely to be inhaled as dust and collect in the lungs, where it eventually causes cancer. If the uranium compound is soluble, it is deposited in bone, where it can cause leukemia by damaging the blood-forming marrow. Uranium, and such compounds as uranium hexafluoride and uranium tetra fluoride, also can act as a chemical toxin, killing off cells in the liver and kidney.

Although about 80% of uranium is excreted from the body in the first day, the remainder can stay in the body for years.

***Polonium,** a radioactive decay product of radon that is used to trigger chain reactions in nuclear weapons, behaves differently than uranium. Although polonium exposure is likely to occur by inhaling dust particles in the air, polonium doesn't settle in the lungs, as uranium does. It filters into the blood and is carried throughout the body.

"Polonium's hazards may well be higher than uranium because a larger dose of energy would be retained in the body longer," Eckerman says. Because it travels throughout the body, polonium has been linked to more soft-tissue cancers than bone cancers. Typical sites: the liver, spleen, and kidney.

***Thorium**, used in nuclear reactors that produce enriched uranium and plutonium, concentrates in the lungs and in the focal points in bone. "It can localize in the skeleton, irradiating critical blood-forming tissues," Eckerman says. The short -term danger is radiation sickness; the long-term dangers are lung cancer, leukemia, lymphoma and bone cancer.

***Radium**, a common byproduct of uranium refining, gives off radon gas. Radon gas is highly carcinogenic: Most radioactive substances will increase the risk of cancer in a population by one case per 1,000 people; but radon increases the lifetime risk of lung cancer to one in 100. Experts note that 30% of lung cancers among non-smokers in the general population are thought to result from radon exposure.

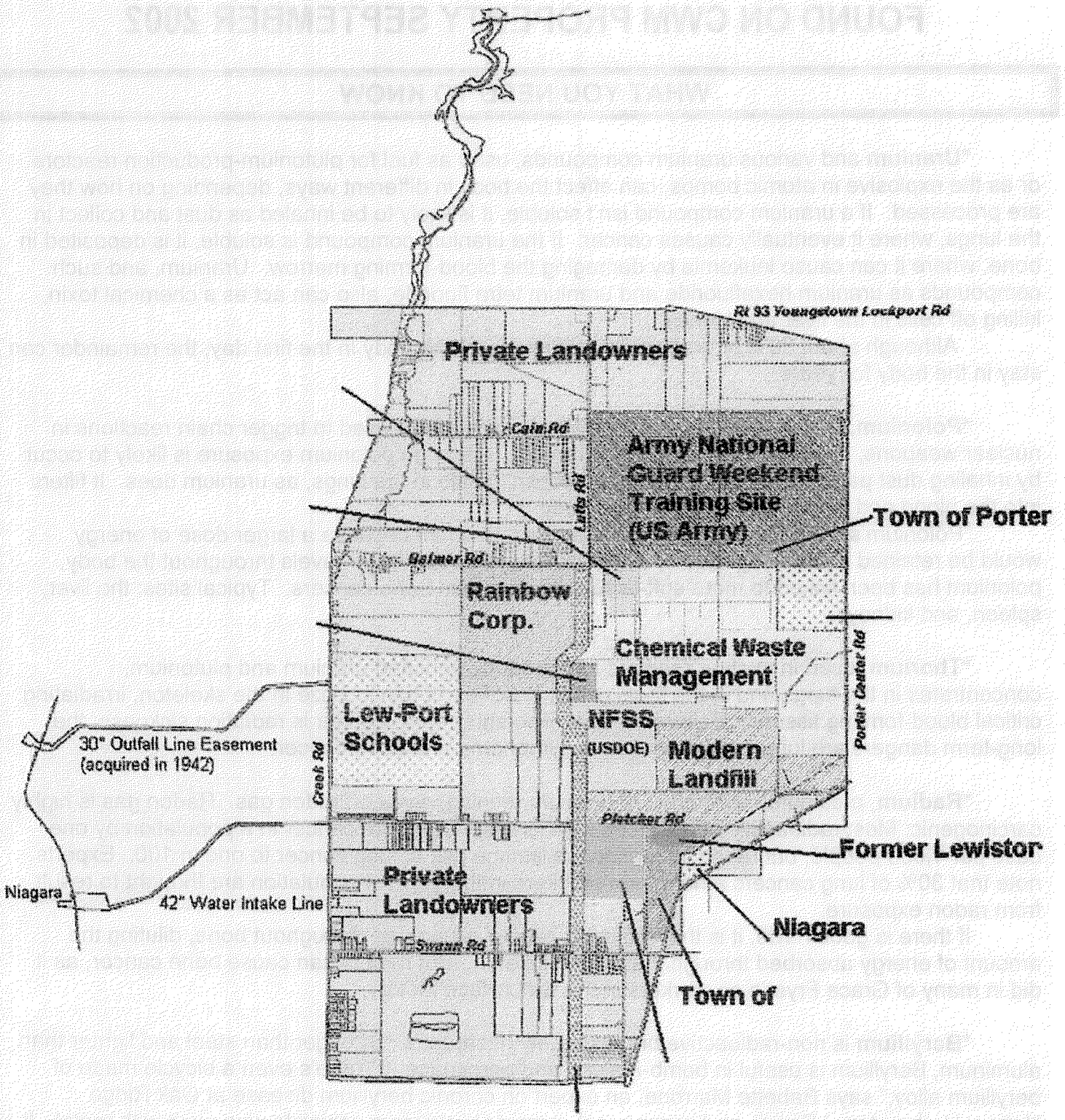
If there is good news, it is that radium is readily distributed throughout bone, diluting the amount of energy absorbed through the entire skeleton. But radium can cause bone cancer, as it did in many of Grace Fryer's co-workers in the watch-face factory.

***Beryllium** is non-radioactive but extremely hazardous. Stronger than steel and lighter than aluminum, Beryllium is useful in bomb-making and aerospace. ("There's even a bicycle made of beryllium alloy," says Babette Marrone, an expert on chronic beryllium disease at Oak Ridge National Laboratory.) Beryllium disease most commonly strikes machinists who work with metal. It collects in the lungs.

In some people, beryllium deposition is harmless; others have a genetic susceptibility that makes beryllium exposure life-threatening. In those cases, immune cells in the lungs encase beryllium particles in nodules of scar tissue, which impair breathing.

How severe the illness is depends on the individual's sensitivity to beryllium. Effects can emerge 10 to 40 years after exposure, with an average latency of about 12 years. People who are highly sensitive to beryllium can deteriorate in a matter of months, suffocating because their lungs no longer function: others might experience mild illness or not get sick at all.

*From article in USA Today, September 6, 2000 page 17A by Steve Sternberg, "Type of radiation doesn't matter: 'The devil is in the dosage'


Rt 93 Youngstown Lockport Rd
Private Landowners
Cain Rd
Army National Guard Weekend Training Site (US Army)
Town of Porter
Lutts Rd
Balmer Rd
Rainbow Corp.
Chemical Waste Management
Porter Center Rd
Lew-Port Schools
NFSS (USDOE)
Modern Landfill
30" Outfall Line Easement (acquired in 1942)
Creek Rd
Fletcher Rd
Former Lewistor
Private Landowners
Niagara
42" Water Intake Line
Swann Rd
Niagara
Town of

If you care, be there.

One mile away from our school...

Plutonium Found!!!

The Dept. of Health's web site map shows in our area...

50 to 100% higher cancer rates

Informational Environmental Meeting

Ralph Nader to speak

as well as a knowledgeable panel of speakers.

April 14, 2005 at 6:30 pm
Lewiston Porter High School Auditorium
4135 Creek Rd., Youngstown
Admission is free! Bring a friend!

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YOU MUST KNOW THE FACTS!

PCBs hot issue again at CWM

By Aaron Besecker, Niagara Gazette
Saturday, March 26, 2005

PORTER — As officials at CWM Chemical Services laud their own efforts to clean up PCB-contaminated substances flowing into local waterways around their Model City site, concerns remain over **multiple violations in state environmental law regarding the hazardous chemicals** and the current threat level, local watchdogs said.

In three consecutive months in early 2001, the Department of Environmental Conservation found the company in violation of laws covering PCB discharges. After issuing an order that the company comply with discharge regulations, the DEC monitored the situation and continued to find PCB-contaminated soil and storm water.

Unlawful levels of PCBs were found again as recently as 2003 and 2004.

The contaminated water was discharged from the site and **into local tributaries of Four Mile and Twelve Mile creeks, and eventually out to Lake Ontario.....**

A memo produced by CWM acknowledged three instances, two in 2003 and one in 2004, of exceedences found in tests for PCBs on site. All three readings were close to the stated goal of 65 ppt.

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A fourth reading, which measured 5,400 ppt that was taken in on April 31, 2003, was not mentioned in the memo released by CWM.....

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