

Pen 1215 <sup>test</sup> Assessment

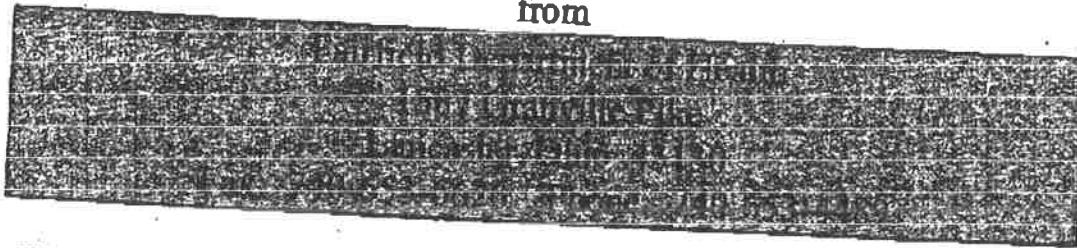
- One pound of mercury spilled - and was tracked by students in school
- No injuries to students or staff
- EPA is on site assessing the situation
- School will contact parents  
will establish pick-up points  
will move up bus delivery

### Mercury

Remove ~~them~~ All clothing - isolate it  
If contacted - wash skin & eyes with running water

681-4718 } Channel  
- 4 -

# Confidential Fax Containing Protected Health Information from



This transmission contains protected health information that you are required by law to maintain in a secure and confidential manner. Re-disclosure of this information without the client's written consent is prohibited. Failure to maintain confidentiality or disclosure without authorization could result in penalties as described in State and Federal Law.

Fax intended for:   TIC  

Phone: \_\_\_\_\_ Fax # \_\_\_\_\_

From:   Merrilee    
\_\_\_\_\_  
\_\_\_\_\_

Date of Fax: \_\_\_\_\_ Time: \_\_\_\_\_

Number of pages: \_\_\_\_\_

Urgent

Reply required

Other \_\_\_\_\_

Notes:

Warning: This message is intended only for the identified person or entity listed above. The attached information is confidential and considered privileged by law. If this fax is received by any one other than the identified person or entity, please contact this office immediately. Please shred these documents if you are not the intended recipient.



# Fairfield Union Local Schools

Proud of O  
Preparing for



*Falcons Strong*

### **October 5, 3:40 p.m.**

The majority of students have been released from the Junior/Senior High. Remaining students are still being checked, and special bus routes will be run to accommodate getting those students home. Students who drive are being released as they are checked.

### **October 5, 2:25 p.m.**

Parents who normally pick up their students at the Junior/Senior High will need to report to the practice football field at the west junior high end of the Junior/Senior High for staging. Students who normally ride the bus, will be put on buses for normal routes home this afternoon. If your child rides a bus, please do not come to the school to pick them up. All afternoon bus routes, grades K-12, will run an estimated 30 minutes later today.

### **October 5—Adjustments to Schedules**

All practices grades 7-12 have been cancelled for the day.

Varsity football game Fairfield Union vs. Bloom Carroll has been rescheduled for Saturday, October 6, at Bloom Carroll at 7:30 p.m. Players report at 4:45 p.m.

JV football game has been rescheduled for Monday, October 8, at 5 p.m. at Fairfield Union.

Freshman football game has been cancelled.

Soccer and volleyball games for Saturday, October 6, remain as originally scheduled.

The Marching Falcons will not be competing at the Mid Ohio Classic on October 6. They will be attending the varsity football game at Bloom Carroll on Saturday evening.

**October 5, 12:05 p.m.**

Details available at this time are that a staff member was transporting a barometer. The container used for transport was leaking. Approximately one pound of mercury was leaked into a hallway and later tracked to other areas. There are no injuries or symptoms with any students or staff. The Ohio EPA must check every individual prior to their leaving the premises. A pickup area will be established as soon as the EPA permits, and buses will transport students for normal bus routes when permission is granted. Further information should be obtained by calling the Fairfield County EMA Joint Information Center at 740-681-4720 or 740-681-4718.

**October 5, 11:55 a.m.**

Anyone seeking additional information may call the Fairfield County EMA Joint Information Center at 740-681-4720 or 740-681-4718.

There has been a chemical spill at Fairfield Union Junior/Senior High School. The local fire department, Fairfield County Health Department, and the Ohio EPA have been notified and have taken charge of the situation. Students have been placed in a lockdown. No students have been injured. We are awaiting further direction from the authorities at this time.

**October 5, 9:45 a.m.**

There has been a chemical spill at Fairfield Union Junior/Senior High School. The local fire department, Fairfield County Health Department, and the Ohio EPA have been notified and have taken charge of the situation. Students have been placed in a lockdown. No students have been injured. We are awaiting further direction from the authorities at this time.

**In Memory of David Thrush**

**Community Meeting Scheduled for October 16, 2007**

**Groundbreaking Ceremony Held September 7**

**District Newsletters**

**District Update**

**Job Opportunities**

**Safety and Security**

**Contact Us**



"WEB SITE UPDATES" available via E-mail

Name:

E-mail:

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Central Office and District Personnel Directory / School Calendar  
Schedule of Activities / Board of Education / School Location Maps  
District History  
7698 Main Street, P.O. Box 63067  
West Rushville, OH 43163-3067  
Phone: 740-536-7384  
Fax: 740-536-9132

Name	Agency	ID/Badge Number	Date In	Time In	Date Out	Time Out	Visitors	Escort's Name
BOB CLARK			10/5	11:45	10/5	1:22		
D. HENRY		JIC/CEPT	10/5	12:10	10/5	2:50		
Bob Henry		JIC/CEPT	10/5	12:30			RT 404368 ON DRIVERS LIE	
Miss Manning		JIC/CEPT	10/5	12:30				
Billy Metcalf	FDH		10/5	12:35	PIO	2:15		in Henry Dept.
Levi Seid	JIC	JIC	10/5	12:35	10/5	4:35		
Debra	EMA		10/5	12:42				
PAT NAVIN	FDH	SH446930	10/5	12:45	PIO	3:05		Answered Dept. of Health.
Meghan Taylor	FDH		10/5	2:00		3:10		
FRANK HIRSCH	FDH		10/5	3:00	10/5	4:25		

Name of Person(s) Maintaining Log

Levi Seid

# Media Calls

## Action

Channel 4  
Tom Brochman  
614 202 5120

Bob returned  
call at 1318

United Press - 1:28  
out of Conn. off.  
asked for update Bob Ung provided

10/5/07

Parent calls

681 - 4718

||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

K-12 - 30 min. Delay

3:05  
Dismissal

Snacks & Drinks } Provided

Football - Sat. -

FA - Field Union web page  
has information in detail related  
to situation



calls.

681-4720

### ### ### ###

### ### ### |||

~~K-12~~<sup>3:20</sup>  
Delayed.  
30 minutes

pick up  
- Sr. High Practice  
field

Drivers behind

- snacks given
- drinks

### Significant Events Log

NUMBER	DATE	TIME	EVENT
	10/5/07	12:15pm	1lb mercury spilled @ Fairfield Union school -was tracked through the building -no injuries -HAZMAT - OEPD on the scene
	10/5/07	12:30	Students release 30 minutes later -snack & drinks provided -Pick students up @ Jr. High -White field -Special bus runs for all students who missed their bus.

### Message Log

DATE/TIME	MESSAGE TO/FROM	MESSAGE CONTROL NR	DESCRIPTION OF MESSAGE	RECEIVED OR SENT BY:	REMARKS
12:20			F.D. JR. HIGH - LOER HERB - ED. - B.M. SUSAN CARDIG		

Note: For use by Message Center and Media Center

Page 1

Health Dept  
FMC  
FCSO  
Ohio EPA  
EMA

\* Unknown Source of Mercury \*

640 - attempted clean-up w/ spill kit, cleaned up 1#  
- large spill, contained in hallway, tracked through build  
Ohio EPA - Mike Dalton on scene -

Using mercury monitor to assess contaminated areas  
Students shelter in place  
Cap 641 brought truck to scene

established groups:

Haz Mat Command: Rick Hoffman

Operations: Jeremy Kraner

EMS: Brian Lowin

Safety: Andy Sivka

IC: Kevin Dailey E581  
Mini 581  
Medic 581  
FCSO: Control Perimeter

Additional

Don Simpson

Wes Whitley

Stade Schultz - Scribe

Craig Spiller

J. Murphy

A. Smith

- School staff advised there was 2 diabetic students, would need to eat soon.

- Students brought out two students, removed shoes, gave them booties

- called for food

Channel 10 on scene

- 10:14 - Dalton, EPA, still assessing scene  
Hazmat command ordered setup of Decon tents
- FMC staff setup ⑤ Jr. high school exit
  - FCSOT setup tent ④ at High School Exit
- \* after Decon all students to assemble in football  
club already advised EV school personnel to have  
buses prepared to take students home
- 11:35 FMC tent operational
- 11:40 FCSOT tent operational > not began decon however
- 11:50 School official advised C641  
- Dalton of EPA is checking students with his  
monitor. Clearing students to a "safe area"  
Having contaminated students remove their shoes
- 12:05 Red Cross on scene, setup in front of R641
- 12:10 EPA still checking students, Report from EMA  
Teacher ~~leaked~~ leaked approx. 1<sup>st</sup> of mercury during  
transport  
Students will be bused home
- Pick-up area for students / Parents will be established  
~~Release~~ Release of students time still not known
- 12:40 Another Ohio EPA Rep on scene
- 12:50 Sheriff Draker left the scene. Thanked crews for  
~~their~~ their work TRAINING

Page 3

- 1302 - 4581 back on scene
- 1310 - Hm UNIT #12 LEFT SCENE.
- 1310 - GATOR 581 ON THE SCENE.
- 1320 - Mc Shull IS ASSIGNED TO SUPER?
- 1330 - <sup>MRS.</sup> ENGELMAN LEAVE BUILDING TO CATCH A PLANE.
- 1335 - Boobus on scene FROM FINE (1200) PALES.
- 1345 - ALL FOOD ON HOLD !! PER SCHOOL ADMIN.
- 1355 - BUSES START TO ARR. @ BAND FIELD.
- 1356 - I.C. REQUEST A MEETING TO EPA FOR  
A PLAN / GAME PLAN TO MOVE STUDENTS  
OUT.
- 1405 - @ THIS POINT ONLY (8) STUDENT WERE "DIRTY".
- 1405 - MEETING TOOK PLACE W/ ADMIN. HAZ-MAT  
EPA - Mc Shull / Spiller / EMA.
- 1407 - Shull CALLS PRIVATE MEETING TO SPEED  
UP THE SHOW.
- 1409 - CHANGED ROUTE FOR CLEAN STUDENTS.
- 1410 - School Admin. ADVISED TO HAVE ALL STUDENTS  
ACCOUNTED FOR.

Page 4

1422 - UST ~~AND~~ <sup>MONITOR</sup> A. SILVKA TO MODULARS

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Lowell 654-4092

Daughter Has Clothes.

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1440 - Hoffman, SARA, Kristina  
IN TO SECOND STUDENTS  
THAT NEED IT.

---

1442 - MODS ARE NOTED TO BE OK -  
UST - TESTER TO MAIN LINE

---

1445 EMA SAYS WE WILL NOT BE  
DONE WITHIN 1 1/2 hr,

---

1445 - ALL BUSES ARE IN-LINE  
STUDENTS ARE TO SIGN

---

1452 JH HIGH BUS KIDS OUT.

1500 All JH Kids released

---

1507 HS Students Release started.

# Accountability

## FMC

Dan White  
Brad Lettler  
Mike Leach

## Richland

FFE J. Rosencrance s&l  
J. Skull  
B. Skull  
J. Kwin  
K. Krile

## EMA

Kochis

## FMC PD

C. Mitchell  
Curt Anderson

## FCSO

Lt. Voris - with Sverrill Phalen  
Sgt. Joe Fuller - SO IC  
Dep. Steve Whiley } traffic  
Dep. Mark Radcliff }  
Dep. David Maple School Resource Officer

## Red Cross

Ron Nixon  
Dick Waibel

## School

Super. Jim Herd  
Dale Ferbrush  
George Shri<sup>eyer</sup> Asst. Principal  
Matt McFale  
Mike Destadio  
Mike King - Maintenance person



# Research

~~AAZ~~ Association of American Railroads (AAZ)

STCC:  
4930336

Hazard Class  
Class 8

corrosive material

UN # 2809

Mercury is odorless, silvery liquid. Toxic by ingestion, absorption and inhalation of the fumes. It is corrosive to aluminium. Used as a catalyst in instruments, boilers, mirror coatings and other uses.

In case of contact, flush with water for at least 15 minutes. Remove and isolate contaminated clothing and shoes at site.

Symptoms following exposure:

NO immediate symptoms. As poisoning is established slight muscle tremors, loss of appetite, nausea, diarrhea, psychic, kidney, and cardiovascular disturbances may occur.

1. **EVACUATE THE SPILL AREA:** Before people leave, be sure that their shoes, clothing, and other articles have not been splashed with mercury. Secure the scene (use barrier tape if necessary) and restrict admission to only those persons necessary to clean up the spill. Children and pets should be kept clear of the spill area.
2. **LOWER the TEMPERATURE** by turning down the thermostat. The cooler the temperature, the less mercury vapors that will be released into the air. [For example, a temperature increase from 64.4°F to 78.8°F will double mercury's vapor pressure.] Remember that mercury vapors are odorless and colorless.
3. **TURN OFF VENTILATING OR AIR CONDITIONING SYSTEMS** that could circulate air from the spill area to other parts of the building.
4. **CLOSE INTERIOR DOORS** leading to other inside areas and open exterior doors and windows.  
**CAUTION:** Mercury vapors are readily absorbed through the lungs into the bloodstream and are, therefore, particularly hazardous. In extreme situations, even very small amounts of metallic mercury (several drops) may raise air concentrations to levels that may be harmful to human health. Mercury vapors are also heavier than air and may linger in higher concentrations close to the floor. Children that crawl or play in these areas are at highest risk to exposure.
5. **DETERMINE IF THE SPILL MUST BE REPORTED** under federal, state, or local reporting requirements. NOTE: It is recommended that any mercury spill equal to or greater than 1 pound (more than two tablespoons) impacting the environment, i.e., groundwater and surface water, or that threatens public health, be reported immediately.
6. **CONTAIN THE SPILL:** Surround or block off the mercury to keep it from spreading onto sloped or porous surfaces. Divert all mercury away from floor drains, cracks, or crevices that may impact groundwater, surface water, and soils.
7. **VENTILATE THE ROOM** to the outdoors. (Use fans to force air circulation for a minimum of one hour after clean up). In an office building, increase the air exchange rate for one day. *The danger of mercury exposure is greatest in small, confined, poorly ventilated areas.* Avoid breathing any dust, vapors, mist, or gas. Avoid contact with eyes, skin, and clothing.

**NEVER USE A HOUSEHOLD VACUUM CLEANER OR SHOP VAC TO CLEAN UP MERCURY! (THESE DEVICES ARE NOT ADEQUATELY FILTERED AND WILL SPREAD MERCURY VAPORS.)**

Special mercury vacuums are commercially available for larger spills but require advanced training to operate properly. When necessary, they may be obtained by contacting local universities or environmental health departments or provided for a fee by professional spill remediation contractors.

8. **ASSEMBLE CLEAN UP SUPPLIES** or obtain a mercury spill kit. Mercury spill kits are commercially available and convenient, but not absolutely necessary to clean up a small mercury spill.

The following are some common household articles that could be used to construct an in-home mercury cleanup kit:

- |                                |                         |
|--------------------------------|-------------------------|
| ○ eye dropper                  | ○ flashlight            |
| ○ goggles                      | ○ napkins               |
|                                | ○ plastic               |
| ○ paper towel                  | ○ bags with zipper seal |
| ○ plastic container with lid   | ○ plastic dust pan      |
| ○ plastic sheeting             | ○ powdered sulfur *1    |
| ○ powdered zinc *2             | ○ rubber gloves         |
| ○ rubber squeegee              |                         |
| ○ tape; wide, duct, or masking | ○ syringe without       |
|                                | needle                  |

- o tray or box
- o trash bags
- o wide mouth container

\*1- visualizes mercury by turning from yellow to brown and forms mercuric sulfide. Dusting the area with this powder also reduces mercury vapors.

\*2- amalgamates (bonds with) mercury.

**Note:** Used items are to be double-bagged and disposed of in accordance with state and local requirements.

9.

10.

11. **DRESS APPROPRIATELY:** Remove all jewelry from hands and wrists so the mercury does not combine (amalgamate) with the precious metals. Change into old clothes and shoes that can be safely discarded should they happen to become contaminated. Put on rubber gloves and goggles or safety glasses.

**NEVER USE A BROOM ON A MERCURY SPILL BECAUSE IT WILL ONLY SCATTER THE MERCURY DROPLETS, MAKING THEM HARDER TO FIND AND PICK UP.**

12. **PICK UP ALL VISIBLE MERCURY DROPLETS:** Inspect the spill zone with a bright light to help illuminate any hidden droplets. Clean up any metallic beads of mercury by using a plastic squeegee or index card and plastic dust pan. With the index or plastic card, sweep the mercury toward the center of the spilled area away from any carpet, fabric, or porous surfaces. Carefully combine and consolidate the mercury droplets. Next, slide droplets onto a sheet of rigid paper like an index card.
13. **NEXT, GENTLY TRANSFER MERCURY INTO AN UNBREAKABLE PLASTIC CONTAINER** like a 35mm film canister with a locking or air tight lid (avoid using glass). If necessary, suction off the droplets using an eye dropper or syringe. Adhesive tape strips may also be used to clean up any tiny remaining mercury droplets. Place the plastic container inside a second plastic container to provide additional containment protection. Tighten each lid securely so that liquid and vapors will be contained.
14. **PLACE THE MERCURY WASTE CONTAINER(S) INTO A ZIP-TOP PLASTIC BAG:** This should ensure that in the event of any leakage, all mercury will be safely contained within the packaging. Label the package "Elemental Mercury Waste, [Hazardous]," and store in a secure place away from children. Contact your local health department or the Michigan Department of Environmental Quality (DEQ) to obtain a list of disposal locations.

**NEVER POUR LIQUID MERCURY OR MERCURY COMPOUNDS DOWN THE DRAIN. SINCE MERCURY IS HEAVIER THAN WATER, IT WILL ACCUMULATE IN THE S-TRAP OF YOUR DRAIN AND MAY CONTINUE TO EMIT HARMFUL VAPORS.**

15. **REMOVE and DISPOSE OF CONTAMINATED CARPETING** or other articles that have directly contacted mercury. It may be necessary to remove contaminated carpet from the room where the spill incident occurred. Double or triple wrap these remnants in plastic trash bags and contact your local waste department for proper disposal. (Do NOT expose to heat or incinerate.)

Special precautions should be taken if mercury was spilled in a high traffic area or a confined area where children or infants play. Young children playing on the floor are particularly at risk to mercury's effects on the central nervous system. If this sounds like your situation, discuss the incident with your family doctor to determine whether additional mercury testing should be conducted for your family. In extreme instances, additional measures may be recommended.

16. **SPRINKLE FINE POWDER SULFUR OR ZINC ON THE SPILL SITE** to bind any remaining mercury. This may be supplied in mercury spill kits as mercury vapor absorbent or purchased separately from garden supply stores or chemical supply houses. Apply over hard to reach areas such as cracks and crevices to minimize the release of mercury vapors. In instances where furniture has been exposed to mercury, wash fabric thoroughly and allow all items to air out completely. Mercury may lodge in porous areas like carpet backing or cracks and crevices.
17. **CHECK CAREFULLY FOR MISSED MERCURY:** To aid in detection, a high intensity lamp may be used to better illuminate the spill area. The presence of scattered mercury droplets may also be detected by a sodium sulfide solution, which can be obtained from most chemical supply houses. This solution may also be sprayed on an affected person (but NOT the eyes, mucous membranes, or the mouth). Any mercury present will show up as dark, reddish brown stains. Residual mercury may then be uplifted using a variety of techniques including vinegar wash followed by hydrogen peroxide. To combat any hydrogen sulfide odors generated from mixing the two chemicals, an alternate method would be to wipe the area with a vinegar-soaked swab, followed by a peroxide wipe.
18. **SET ASIDE EVERYTHING YOU THINK MIGHT BE CONTAMINATED WITH MERCURY:** Package materials securely and label as "Elemental Mercury: Hazardous Waste." Specific labeling and disposal requirements may differ depending on whether the spill occurred at a household or at a 'regulated business.' See: DEQ Waste Management Division (WMD) Internet site or contact WMD district staff for details. Then contact your local health department or DEQ to obtain a list of possible disposal locations.

**NEVER PLACE HEAVILY MERCURY-LADEN FABRICS IN A WASHING MACHINE.**

19. **DO NOT PLACE MERCURY-CONTAMINATED SUBSTANCES IN THE TRASH** unless otherwise instructed to do so by proper authorities. This is especially important if your trash goes to an incinerator (municipal waste combustor). Contact the DEQ, your local county health department, or household hazardous waste collection program for proper disposal suggestions