



January 20, 2011

Mr. Randy Nattis  
On-Scene Coordinator  
U.S. Environmental Protection Agency (EPA), Region 4  
61 Forsyth Street SW, 11th Floor  
Atlanta, GA 30303

**Subject:       Emergency Response Letter Report  
                  Oglethorpe County Mercury Release  
                  Lexington, Oglethorpe County, Georgia  
                  EPA Contract No. EP-W-05-054  
                  TDD No. TTEMI-05-001-0117**

Dear Mr. Nattis:

The Tetra Tech EM Inc. Superfund Technical Assessment and Response Team (START) responded to a Mercury Spill at the Oglethorpe High School in Lexington, Georgia at the request of EPA on December 11<sup>th</sup>, 2009. Enclosure 1 contains Figure 1 showing the site location and Figure 2 showing the site layout. Enclosure 2 contains the photographic log of emergency response and removal activities and Enclosure 3 contains Tetra Tech's field logbook notes.

Initial screening of the school property showed mercury vapor levels above the EPA's action level in a portion of the gymnasium, a vocational education classroom (Rm #613), a science classroom (Rm #510) and a computer lab classroom (Rm #419). The Oglethorpe County School Board contracted United States Environmental Services (USES) to perform cleanup activities of the affected areas. EPA and START were asked, by the school, to act as technical advisors during the cleanup.

After the areas of concern were cleaned of any free mercury using mercury vacuums, HgCS-102 (Hg Cleaning Solution – 102) was used to further treat the areas. Some areas were sealed with epoxy coating. Once remediation was completed, EPA and START performed 6 to 8 hour clearance monitoring using a Lumex RA-915+ mercury vapor analyzer in the gymnasium, and the three classrooms affected by the release. The clearance monitoring showed all areas were under the 1000 ng/m<sup>3</sup> cleanup goal.

Some students' personal items and homes were screened by START, under the direction of EPA, after concerns that they may have contacted the elemental mercury. All screened items were either returned to the students, if they were under 4000 ng/m<sup>3</sup> or disposed of if they were over 4000 ng/m<sup>3</sup>. Two homes required some level of remediation. All disposed items were inventoried and students were reimbursed through EPA. EPA and Tetra Tech completed the activities at the Oglethorpe High School on December 19, 2009.

Mr. R. Nattis  
January 20, 2011  
Page 2

Sincerely,



Randy Mayer  
START III Project Manager



Andy Johnson  
START III Program Manager

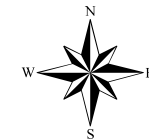
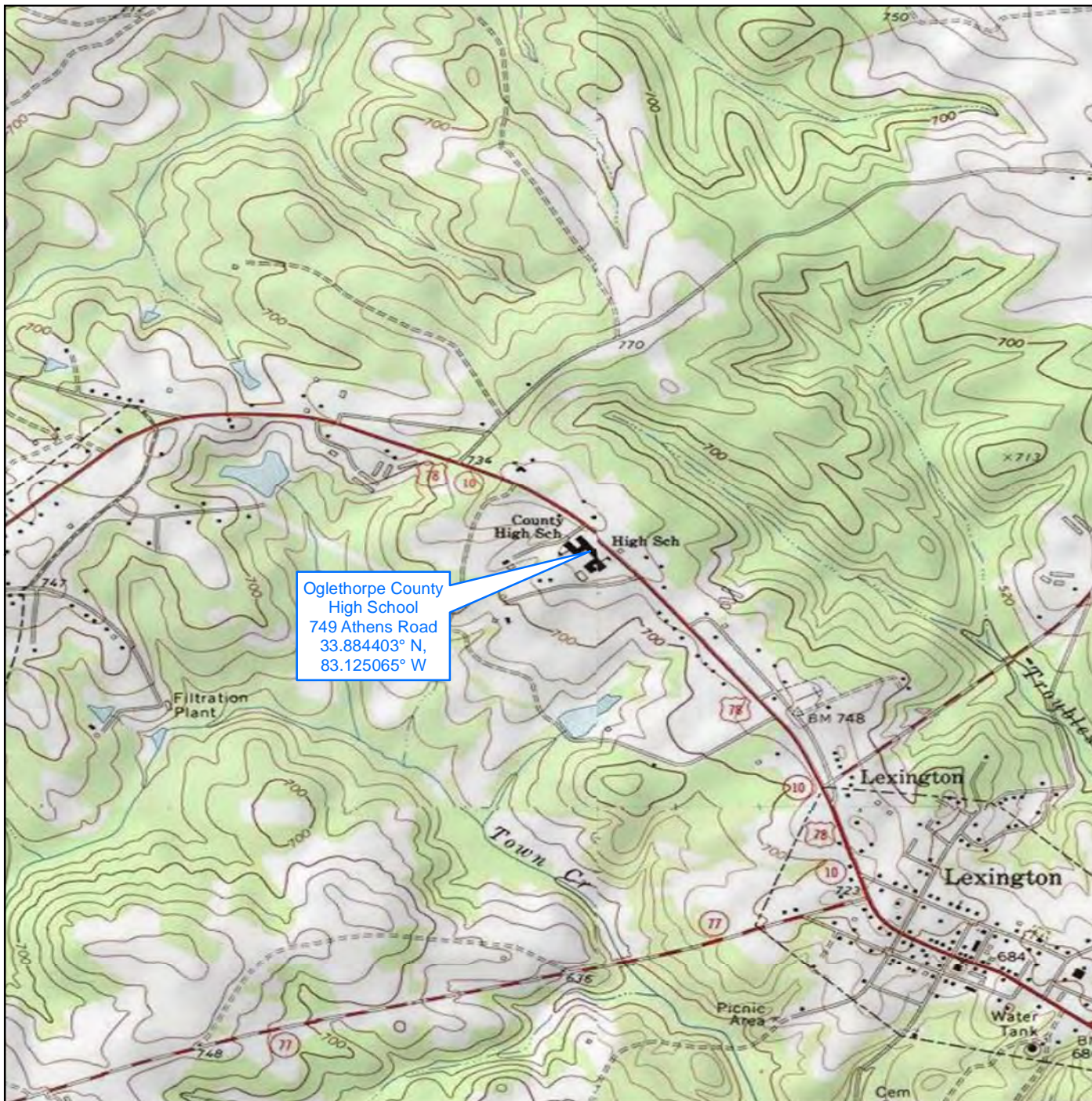
Enclosures (3)

cc: Katrina Jones, U.S. EPA Project Officer  
Angel Reed, START III Document Control Coordinator

## **ENCLOSURE 1**

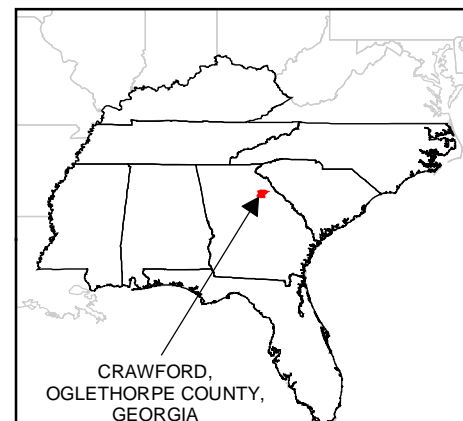
### **FIGURES**

(Two Pages)



0 1,000 2,000  
Feet

MAP SOURCE: NGS & USGS;  
CRAWFORD, SANDY CROSS, MAXEYS, &  
LEXINGTON, GEORGIA TOPO QUADS, 1981.



United States Environmental Protection Agency

OGLETHORPE COUNTY  
MERCURY RELEASE  
LEXINGTON,  
OGLETHORPE COUNTY,  
GEORGIA  
TDD: TTEMI-05-001-0117


**FIGURE 1  
SITE LOCATION**

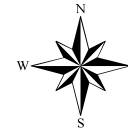






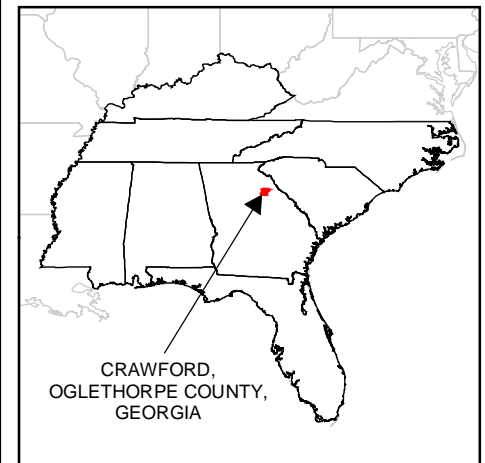
## LEGEND

 AREAS OF CONCERN (AOCs)



0 75 150  
Feet

MAP SOURCE: USDA NAIP, 2007.



United States Environmental Protection Agency

OGLETHORPE COUNTY  
MERCURY RELEASE  
LEXINGTON,  
OGLETHORPE COUNTY,  
GEORGIA  
TDD: TTEMI-05-001-0117

## FIGURE 2 SITE LAYOUT



**ENCLOSURE 2**

**PHOTOGRAPHIC LOG**

(Twelve Pages)



**OFFICIAL PHOTOGRAPH NO. 1**  
**U.S. ENVIRONMENTAL PROTECTION AGENCY**

<b>TDD Number:</b>	TTEMI-05-001-0117	<b>Location:</b>	Oglethorpe County Mercury Release
<b>Orientation:</b>	West	<b>Date:</b>	December 12, 2009
<b>Photographer:</b>	Didi Fung, Tetra Tech	<b>Witness:</b>	Randy Mayer, Tetra Tech
<b>Subject:</b>	Oglethorpe County High School and Middle School		





**OFFICIAL PHOTOGRAPH NO. 2**  
**U.S. ENVIRONMENTAL PROTECTION AGENCY**

<b>TDD Number:</b>	TTEMI-05-001-0117	<b>Location:</b>	Oglethorpe County Mercury Release
<b>Orientation:</b>	Southeast	<b>Date:</b>	December 12, 2009
<b>Photographer:</b>	Didi Fung, Tetra Tech	<b>Witness:</b>	Randy Mayer, Tetra Tech
<b>Subject:</b>	Items from the gymnasium ready to be heated, vented and screened.		





**OFFICIAL PHOTOGRAPH NO. 3**  
**U.S. ENVIRONMENTAL PROTECTION AGENCY**

**TDD Number:** TTEMI-05-001-0117      **Location:** Oglethorpe County Mercury Release  
**Orientation:** NA      **Date:** December 16, 2009  
**Photographer:** Randy Mayer, Tetra Tech      **Witness:** Didi Fung, Tetra Tech  
**Subject:** Room 510 after tile removal by USES.



**OFFICIAL PHOTOGRAPH NO. 4**  
**U.S. ENVIRONMENTAL PROTECTION AGENCY**

**TDD Number:** TTEMI-05-001-00117

**Location:** Oglethorpe County Mercury Release

**Orientation:** Northeast

**Date:** December 14, 2009

**Photographer:** Didi Fung, Tetra Tech

**Witness:** Randy Mayer, Tetra Tech

**Subject:** START interviewing students that may have contacted the elemental mercury.

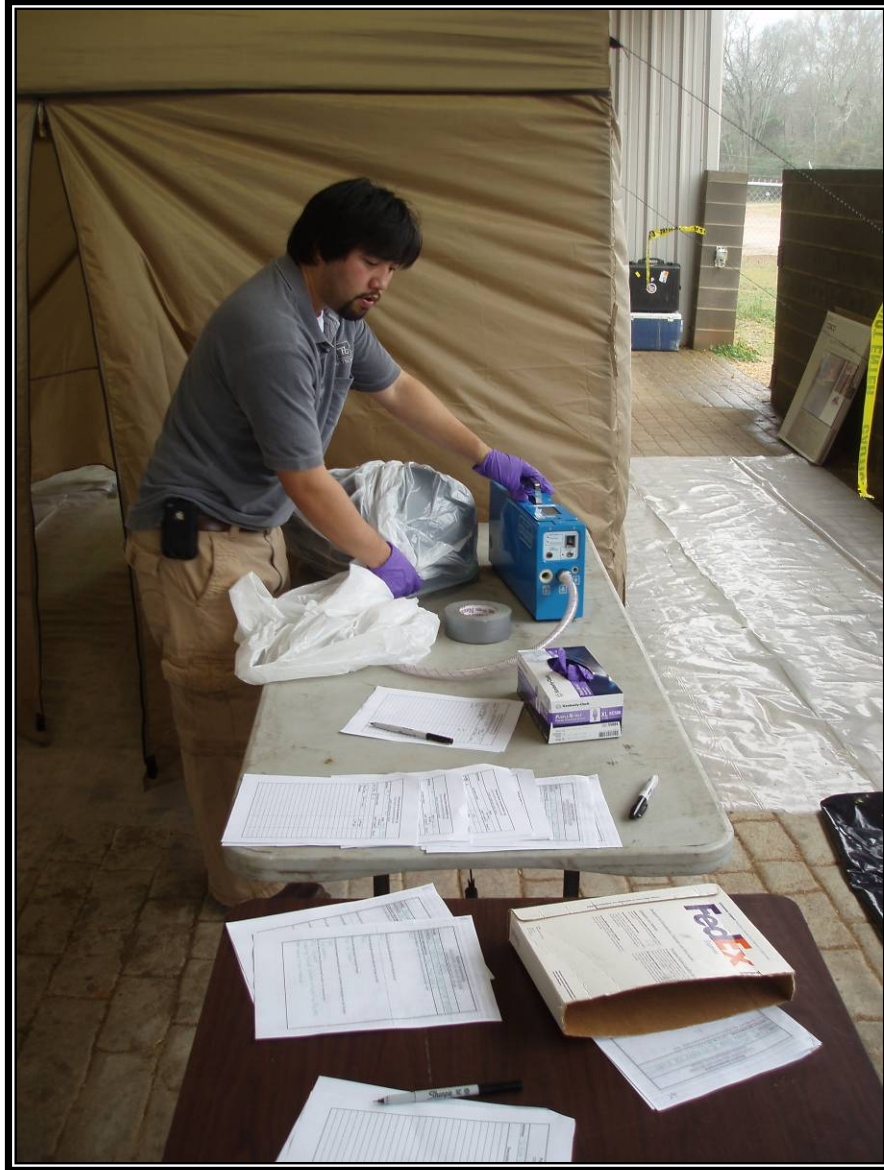




**OFFICIAL PHOTOGRAPH NO. 5**  
**U.S. ENVIRONMENTAL PROTECTION AGENCY**

<b>TDD Number:</b>	TTEMI-05-001-0117	<b>Location:</b>	Oglethorpe County Mercury Release
<b>Orientation:</b>	NA	<b>Date:</b>	December 14, 2009
<b>Photographer:</b>	Didi Fung, Tetra Tech	<b>Witness:</b>	Randy Mayer, Tetra Tech
<b>Subject:</b>	Student items being bagged and tagged for heating, venting and screening.		





**OFFICIAL PHOTOGRAPH NO. 6**  
**U.S. ENVIRONMENTAL PROTECTION AGENCY**

**TDD Number:** TTEMI-05-001-0117

**Location:** Oglethorpe County Mercury Release

**Orientation:** NA

**Date:** December 14, 2009

**Photographer:** Randy Mayer, Tetra Tech

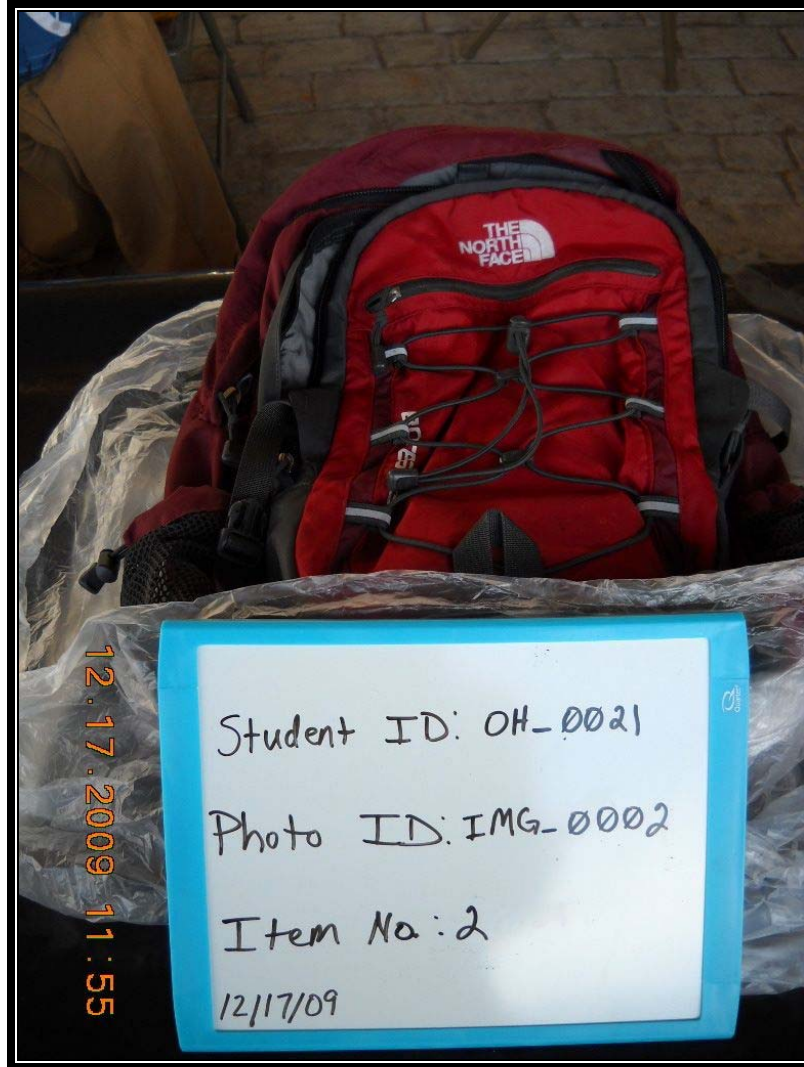
**Witness:** Didi Fung, Tetra Tech

**Subject:** START screening students' personal items after being heated and vented.



**OFFICIAL PHOTOGRAPH NO. 7**  
**U.S. ENVIRONMENTAL PROTECTION AGENCY**

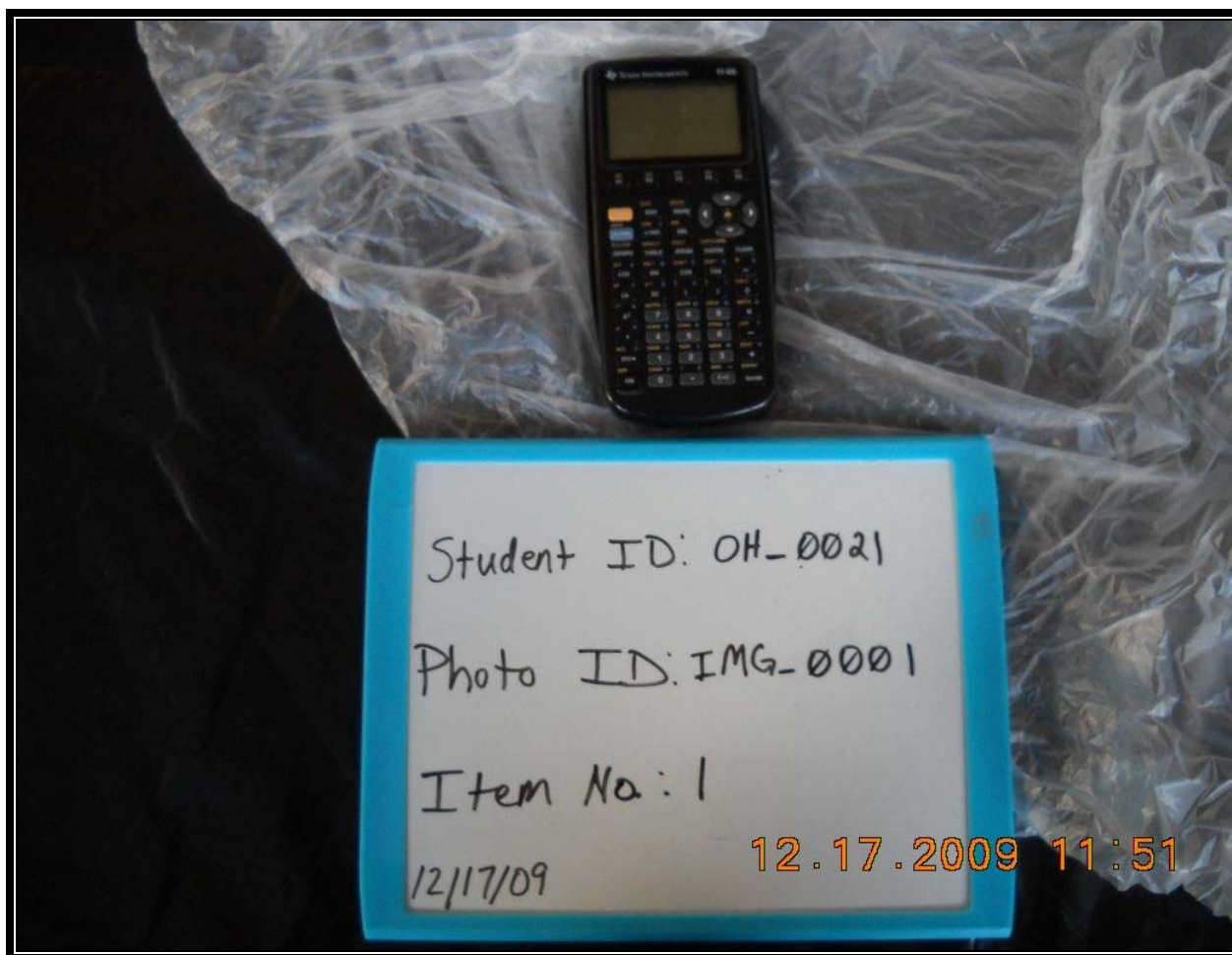
<b>TDD Number:</b>	TTEMI-05-001-0117	<b>Location:</b>	Oglethorpe County Mercury Release
<b>Orientation:</b>	NA	<b>Date:</b>	December 14, 2009
<b>Photographer:</b>	Didi Fung, Tetra Tech	<b>Witness:</b>	Randy Mayer, Tetra Tech
<b>Subject:</b>	Students' items staged alphabetically after screening.		



**OFFICIAL PHOTOGRAPH NO. 8**  
**U.S. ENVIRONMENTAL PROTECTION AGENCY**

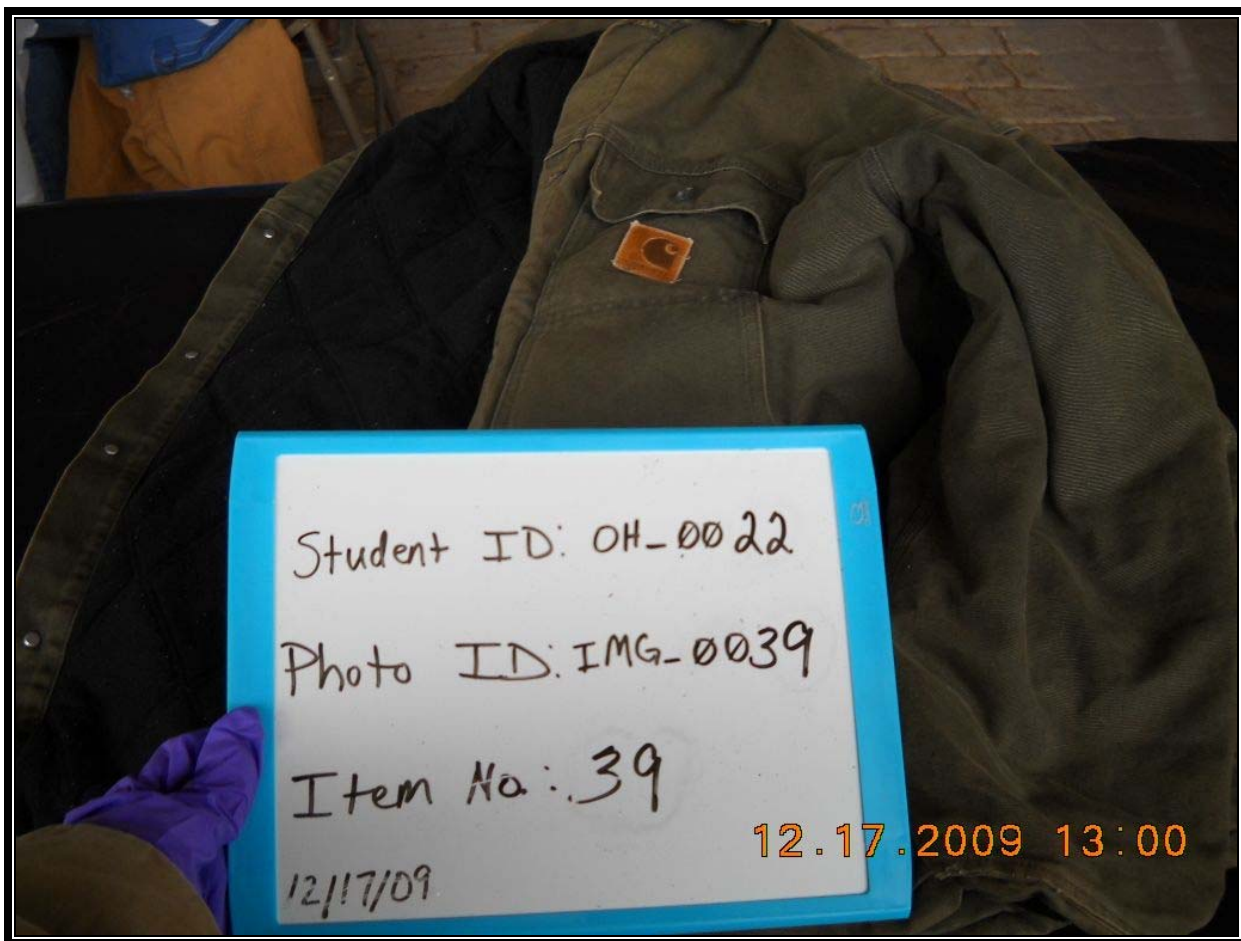
<b>TDD Number:</b>	TTEMI-05-001-0117	<b>Location:</b>	Oglethorpe County Mercury Release
<b>Orientation:</b>	NA	<b>Date:</b>	December 17, 2009
<b>Photographer:</b>	Didi Fung, Tetra Tech	<b>Witness:</b>	Brandon Foskey, Tetra Tech
<b>Subject:</b>	Student's item being inventoried for disposal and reimbursement.		





**OFFICIAL PHOTOGRAPH NO. 9**  
**U.S. ENVIRONMENTAL PROTECTION AGENCY**

<b>TDD Number:</b>	TTEMI-05-001-0117	<b>Location:</b>	Oglethorpe County Mercury Release
<b>Orientation:</b>	NA	<b>Date:</b>	December 17, 2009
<b>Photographer:</b>	Didi Fung, Tetra Tech	<b>Witness:</b>	Brandon Foskey, Tetra Tech
<b>Subject:</b>	Student's item being inventoried for disposal and reimbursement.		



**OFFICIAL PHOTOGRAPH NO. 10**  
**U.S. ENVIRONMENTAL PROTECTION AGENCY**

**TDD Number:** TTEMI-05-001-0117

**Location:** Oglethorpe County Mercury Release

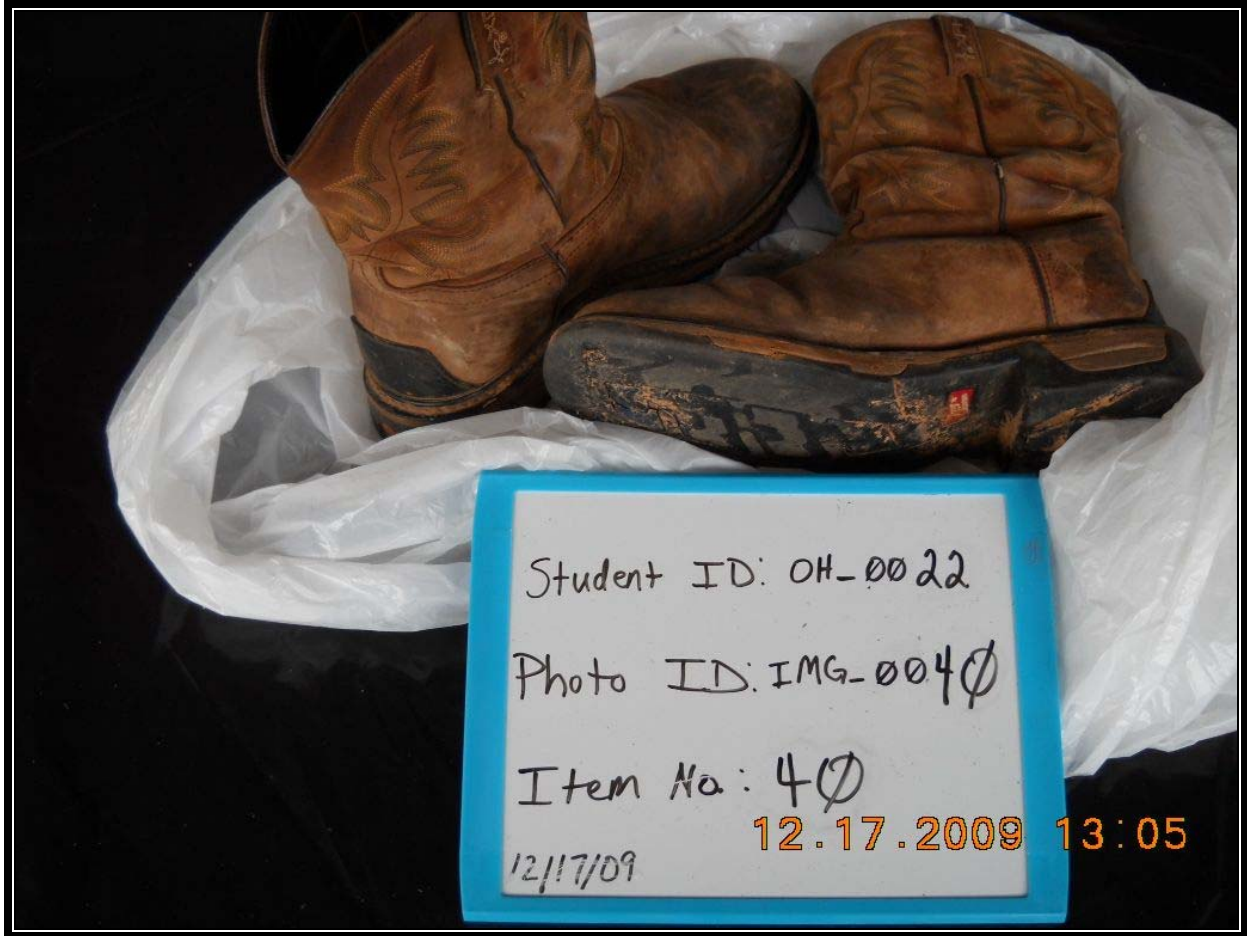
**Orientation:** NA

**Date:** December 17, 2009

**Photographer:** Didi Fung, Tetra Tech

**Witness:** Brandon Foskey, Tetra Tech

**Subject:** Student's item being inventoried for disposal and reimbursement.



**OFFICIAL PHOTOGRAPH NO. 11**  
**U.S. ENVIRONMENTAL PROTECTION AGENCY**

**TDD Number:** TTEMI-05-001-0117

**Location:** Oglethorpe County Mercury Release

**Orientation:** NA

**Date:** December 17, 2009

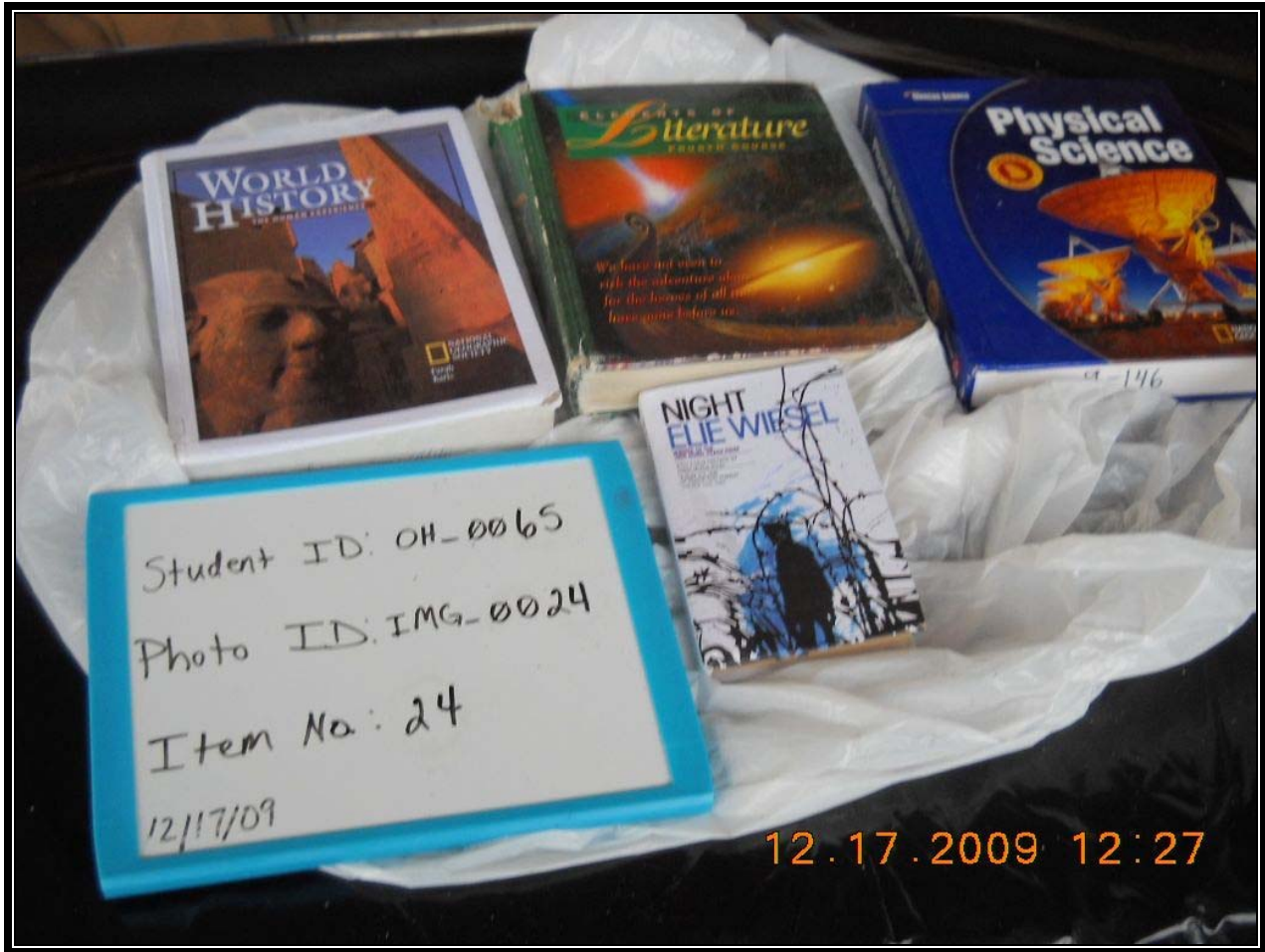
**Photographer:** Didi Fung, Tetra Tech

**Witness:** Brandon Foskey, Tetra Tech

**Subject:** Student's item being inventoried for disposal and reimbursement.







**OFFICIAL PHOTOGRAPH NO. 12**  
**U.S. ENVIRONMENTAL PROTECTION AGENCY**

<b>TDD Number:</b>	TTEMI-05-001-0117	<b>Location:</b>	Oglethorpe County Mercury Release
<b>Orientation:</b>	NA	<b>Date:</b>	December 17, 2009
<b>Photographer:</b>	Didi Fung, Tetra Tech	<b>Witness:</b>	Brandon Foskey, Tetra Tech
<b>Subject:</b>	School textbooks being inventoried for disposal.		

**ENCLOSURE 3**

**FIELD LOGBOOK NOTES**

(Thirty-eight Sheets)

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...for outdoor writing people."



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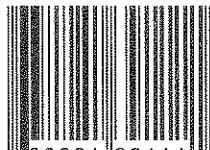
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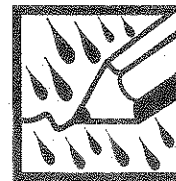
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Oglethorpe High School  
Hg Spill  
(1030X90170001.0117)





Project Logbook 1 (12/11-12/19)

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## CONTENTS

[illegible]

12/11/09

Friday

0930 START Fung arrived at Duluth office. START  
Mayer already at the site office getting H&SP  
and loading equipment.

1130AM discovered 12/10/09

G Safety Director for Kevin Kiser informed Science Teacher discovered  
Hy spilled. Cleaned up and put in trash bag.  
Education system - 12 student possible exposed.

- Contractor was called, but could not handle the  
clean up.

1130 Arrived at site and got background from Alyssa  
Hughes OSE. (see above)

1131 Lumers #164 was contaminated checked for %R  
It equaled 1 = %R ✓ ok.

\* #419 Hallway outside 419 = 1902 ng/m<sup>3</sup> J. Mantz  
Doorway of 419 = 7000 ng/m<sup>3</sup> Teacher  
Breathing Zone 419 = 14100 ng/m<sup>3</sup>

- 415 was source child's 1st room visited. BZ (breathing zone)  
= 1538 ng/m<sup>3</sup>

\* #510 Suzanne Hanie (Teacher) that cleaned up spill and  
had a spill

4000 ng/m<sup>3</sup> = floor by sink

sink = 600 ng/m<sup>3</sup>

Dr: ESO

Friday

12/11/09

1st row of chairs last chair = 9700 - 17,000 ng/m<sup>3</sup>  
2nd row " " 3rd chair front = 3,800 ng/m<sup>3</sup>  
2nd " " } 5000 ng/m<sup>3</sup>  
1st " " }

Teachers clothes = 52,000 ng/m<sup>3</sup>  
(bagged)

\* RM #613 Black Top Tables = 600 ng/m<sup>3</sup>

(not in wood shop) Far back corner Bk table = 1200 ng/m<sup>3</sup>

Floor in back corner = 3500 ng/m<sup>3</sup> - 6600 ng/m<sup>3</sup>

Mat content & sink = 1300 ng/m<sup>3</sup>

#804 FL = 600 ng/m<sup>3</sup> (Weight room)

Boys locker room in gym

Floor mat = 700 ng/m<sup>3</sup>

BZ Door = 580 ng/m<sup>3</sup>

BZ Room = 600 ng/m<sup>3</sup>

BZ Hallway = 1400 ng/m<sup>3</sup>

Bathroom = 800 ng/m<sup>3</sup>

Drain in Bathroom = 1100 ng/m<sup>3</sup>

Shower = 800 ng/m<sup>3</sup>

Vacuum = 1000 ng/m<sup>3</sup>

Time 1300 Basketball court gym.

\* BZ = 1240 ng/m<sup>3</sup>

FL = 1100 ng/m<sup>3</sup>

Hot spot = 10,000 ng/m<sup>3</sup>

Dr: Ford

12/11/09

FRIDAY

★ Broom closet = 5700 ng/m<sup>3</sup>  
 leaning up against - this was pulled out and set on the contaminated wall corner of the gym.

Broom closet = BZ 1200 ng/m<sup>3</sup>

★ Joey Fredricks = 10,700 ng/m<sup>3</sup> (in gym)  
 backpack

Band Practice Rm OK

BZ = 800 ng/m<sup>3</sup>

BZ = 182 ng/m<sup>3</sup>

Lt Foot = 4700 ng/m<sup>3</sup>

Lt Foot = 4000 ng/m<sup>3</sup>

★ Backpack = 48,000 ng/m<sup>3</sup>  
 Backpack = 2200 ng/m<sup>3</sup> ✓

Mr. Schindler room (also visited by Randall)

★ Backpack = 27,000 ng/m<sup>3</sup> Justin Crocker

1520 Varsity locker room = 380 BZ ng/m<sup>3</sup>

Gym Bleacher - 400-500 ng/m<sup>3</sup>

Girls locker Rm - BZ 270 ng/m<sup>3</sup>

Girls bathroom - BZ 175 ng/m<sup>3</sup>

1543 Rm w/ McCray's arrival notes. No mercury  
 mere vac, no wet solution.  
 P. H. Ford

12/11/09

FRIDAY

1630 the School is hiring USEES and begin cleanup tomorrow.

Rm 417 (Roach) = Avg BZ 141 ng/m<sup>3</sup>

1805 Rm 413 (AME Rector) = Door BZ 600 ng/m<sup>3</sup>

Desks, chair, floor Door 392-410 ng/m<sup>3</sup>

Rm 420 (Casey Colquhoun) = Avg BZ 340 ng/m<sup>3</sup>  
 [Bounded map] = Room BZ 460 ng/m<sup>3</sup> could not get in chemical lab

Sinks, floors, garbage cans = Avg 422 ng/m<sup>3</sup>

Rm 411 (Suzanne Butler) = Door BZ 214 ng/m<sup>3</sup>

Floor, garbage cans = 173 ng/m<sup>3</sup>

Rm 409 (Charles Jones) = Door BZ 254 ng/m<sup>3</sup>

= Floors 226 ng/m<sup>3</sup>

= Desk & bookcase 200 ng/m<sup>3</sup>

Rm 407 (Kanya Cornish) = Door BZ 288 ng/m<sup>3</sup>

= Garbage cans, floors = 257 ng/m<sup>3</sup>

Rm 405 (Lawrence) = Door BZ 173 ng/m<sup>3</sup>

Floor, garbage can, desks = 130 ng/m<sup>3</sup>

Rm 403 (Guidonia Swick) = Door BZ 223 ng/m<sup>3</sup>

Desk & floor = 212 ng/m<sup>3</sup>

Lynn L. Smith = Door BZ 41 ng/m<sup>3</sup>

Floor & BZ room = 35 ng/m<sup>3</sup>

★ Ed Rake = could not enter

Cedin Allen = Door BZ 307 ng/m<sup>3</sup>

Floor, Desk, = 292 ng/m<sup>3</sup>

Reli Ford



12/11/09

Friday

High school office - Door BZ  $266 \text{ ng/m}^3$ Floor mat inside door  $= 257 \text{ ng/m}^3$ Floor in seating area  $= 273 \text{ ng/m}^3$ Ft office, desk, garbage cans  $=$ Betty Austin Minor  $= 204 \text{ ng/m}^3$  (BZ, floor, desk)Mechanical Room  $= 191 \text{ ng/m}^3$  BZMail Room  $= 184 \text{ ng/m}^3$  BZNurses Office  $=$  Door BZ  $186 \text{ ng/m}^3$ Bathroom, desks, garbage cans  $= 190 \text{ ng/m}^3$ Middle School  $=$  Secretary office BZ  $115 \text{ ng/m}^3$ Canteen Room  $= 191 \text{ ng/m}^3$  BZLounge & Bathrooms  $= 97 \text{ ng/m}^3$  BZBoys Bathroom  $=$  BZ  $59 \text{ ng/m}^3$ Electrical Rm  $=$  Door BZ  $9 \text{ ng/m}^3$ ★ Brown in Rm  $= 3110 \text{ ng/m}^3$  (next to Rm 505)Washer  $= 94 \text{ ng/m}^3$ Electrical Rm  $= 43 \text{ ng/m}^3$ Rm 504 (Golden)  $=$  Door BZ  $207 \text{ ng/m}^3$ Floor, desks, tables, floor mat,  $= 228 \text{ ng/m}^3$ Middle Rm  $= 105 \text{ ng/m}^3$  BZ Door

(between 508 &amp; 504)

Rm 508 (Pamela Byrd)  $=$  Door BZ Room  $114 \text{ ng/m}^3$ Rm 512 (Conti)  $=$  Door BZ  $59 \text{ ng/m}^3$ Sinks, floor, desk floor  $= 22 \text{ ng/m}^3$ Rm Between 512 & 516  $=$  Door BZ  $9 \text{ ng/m}^3$ 

Data

Friday

12/11/09

Rm 521 (Garner)  $=$  Door BZ  $38 \text{ ng/m}^3$ Floors, desks,  $= 47 \text{ ng/m}^3$ Rm 517 (Mr. O. Kelly)  $=$  Door BZ  $250 \text{ ng/m}^3$ Floor  $= 243 \text{ ng/m}^3$ Floors, desk, ~~garage~~ rug  $226 \text{ ng/m}^3$ Rm 515 (Melissa McGarity) Door BZ  $= 186 \text{ ng/m}^3$ Floors, desk, garbage cans  $= 76 \text{ ng/m}^3$ Handicapped Bathroom  $= 142 \text{ ng/m}^3$  BZ $138 \text{ ng/m}^3$  sinkCounselor (S. Watten)  $=$  Door BZ  $62 \text{ ng/m}^3$ Room BZ  $58 \text{ ng/m}^3$ Brenda Wall  $=$  Door BZ  $162 \text{ ng/m}^3$ Floor, desk, garbage can  $= 141 \text{ ng/m}^3$ Storage Closet across from 405  $= 188 \text{ ng/m}^3$  Door BZRoom BZ  $= 109 \text{ ng/m}^3$ Rm 416 (Simmons) BZ Door  $= 385 \text{ ng/m}^3$ Room BZ  $= 149 \text{ ng/m}^3$ Rm 420 Chemical closet  $=$  Door BZ  $= 534 \text{ ng/m}^3$ ★ sink  $= 8900 \text{ ng/m}^3$ Rm 421 (T. Matz)  $= 262 \text{ ng/m}^3$  Door BZFloor, desks, garbage cans  $= 281 \text{ ng/m}^3$ Hallway outside Art room  $= 635 \text{ ng/m}^3$ Art Room 1B  $=$  Doorway BZ  $734 \text{ ng/m}^3$ Room BZ  $1136 \text{ ng/m}^3$  to  $800 \text{ ng/m}^3$ 

Data PD

12/11/04

FRIDAY

Carpeted area = FL  $800 \text{ ng/m}^3$ Rm across from AntRm = Door BZ  $1011 \text{ ng/m}^3$ Room BZ =  $1137 \text{ ng/m}^3$  (Room is warmer w/

Storage network &amp; phone equipment.

Brown closet =  $760 \text{ BZ}$ 2nd Storage closet =  $981 \text{ ng/m}^3$  Door BZ\* Broom =  $5200 \text{ ng/m}^3 - 6600 \text{ ng/m}^3$ RM 100 (I Dhearty) = Door BZ  $182 \text{ ng/m}^3$ Room BZ =  $250 \text{ ng/m}^3$ RM 102 = Room BZ  $176 \text{ ng/m}^3$ Upper Cafeteria -  $500 - 600 \text{ ng/m}^3$  on Floor and BZDish Return -  $227 \text{ ng/m}^3$  BZStorage Room next to Dish return =  $315 \text{ ng/m}^3$  BZLower Cafeteria =  $170 \text{ ng/m}^3$  FloorSEAS =  $160 \text{ ng/m}^3$  Floor.Computer Lab =  $270 \text{ ng/m}^3$  BZ and FloorRM 090 =  $81 \text{ ng/m}^3$  BZ2307 Finished screen school for the day. Vocational  
Bldg is left for tomorrow.

2400 Checked into hotel.

Dad's Sign

SATURDAY

12/12/04

0800 Randy Meyer & Dad: Ferry on site and  
preparing equipment for additional surveys in the  
vocational bldg.

0820 USES contacted by the school has arrived.

0933 Complete site tour with USES.

0940 Continue Vocational survey

Rm 603 Computer lab = Door BZ  $44 \text{ ng/m}^3$ Floor, Room BZ =  $44 \text{ ng/m}^3$ RM 600 Computer lab = Door BZ =  $30 \text{ ng/m}^3$ Room BZ & Floor =  $34 \text{ ng/m}^3$ RM 602 Door BZ =  $18 \text{ ng/m}^3$ 2nd small room =  $24 \text{ ng/m}^3$  BZRoom BZ =  $24 \text{ ng/m}^3$ RM 604 = BZ Room =  $22 \text{ ng/m}^3$ RM 615 = Room BZ =  $17 \text{ ng/m}^3$ 1153 USES has completed the vacuum activities in the  
gym, spraying the CS-10Z solution, then  
wiping up the wet solution.

They will heat &amp; vent the area.

1210 Break for lunch.

1300 Returned from lunch.

Rescreened floor in gym 1st small area  $750 \text{ ng/m}^3$ larger area had readings  $2,600 - 6,000 \text{ ng/m}^3$ on the floor. BZ was  $100 - 300 \text{ ng/m}^3$ .USES will retreat areas and bring down levels  
further.

Dad's Sign

SATURDAY

12/12/09

- 1350 - Rm 510 (HAINES) START ENTERS to screen room for hotspots  $310 \text{ ng/m}^3 = \text{BZ}$
- 1430 after room temperature rose, due to lights and START activities, room  $\text{BZ} = 5000 - 6000 \text{ ng/m}^3$
- 1450 - Rm 510 Need cleaning around first two rows of chairs, as you enter the room and all around the island worktop at the front of the room.
- 1507 - RMUR - source room. START ENTERS to perform detailed screening,  $800 - 10,000 \text{ ng/m}^3 = \text{BZ}$ . ~~Starts~~ Entire room is over  $10000 \text{ ng/m}^3$ . OSC to talk to school representative.
- 1540 - Rm 613 - USES Finishes first cleaning. START screened  $\text{BZ} = 200 \text{ ng/m}^3$ . Area cleaned readings were  $300 \text{ ng/m}^3$ .
- 1607 - Electrical room where brown was located,  $188 \text{ ng/m}^3$  in lower hall.
- 1610 - Upper cafeteria where brown was located,  $63 \text{ ng/m}^3$ .
- 1620 - Storage room where brown was  $\text{BZ} = 440 \text{ ng/m}^3$
- 1644 USES is cleaning out drain in Rm 420 chemical closet. & beginning remediation in Rm 510.
- 1900 Completed operational planning for tomorrow and left site.

Deli Fong

SUNDAY

12/13/09

- 0740 START Arrived on site and turned on the heat in the gym & vocational bldg. USES on site to room work in Rm 510.
- 0800 Calibrated in-stormat Luvos. Background was  $70 \text{ ng/m}^3$  & %R check was 3.
- 0830 START begins clearance monitoring.
- 0950 - Bagged personal items in tank with heater  
Justin's bag of books, notebooks =  $7600 \text{ ng/m}^3$   
Justin's calculator =  $1200 \text{ ng/m}^3$   
Randall's bag of belongings =  $6500 \text{ ng/m}^3$   
Jen's book and papers =  $1600 \text{ ng/m}^3$   
Row up mat =  $7600 \text{ ng/m}^3$
- 1030 - Returned to Rm 613 after USES placed a ~~radiation~~ radiant heater in room.
- 1040 - Returned to Gym, boiler heater has turned off and will not restart.
- 1200 - Break for lunch.
- 1300 - Return from lunch, begin survey of Rm 610 and Gym.
- 1340 - Rm 415 was rescanned after heated up  $167 \text{ ng/m}^3$  on floor.
- 1410 - 5<sup>th</sup> survey of Gym and Room 610 complete.
- 1430 START & EPA left the school to Justin Crocker's home & ~~then~~ clean the washer & dryer.

Deli Fong / R



12/13/09

DATE RM#

SUNDAY

TIME

Reading (ng/m<sup>3</sup>)

DATE	RM#	TIME	Reading (ng/m <sup>3</sup> )
12/13/09	613	0915	1030
		68°F	71.5°F
		67 ng/m <sup>3</sup>	53 ng/m <sup>3</sup>
12/13/09	6YM	0920	1044
		66°F	68.2°F
		62 ng/m <sup>3</sup>	52 ng/m <sup>3</sup>
		Floor 250 ng/m <sup>3</sup>	
		MAX 350 ng/m <sup>3</sup>	

RA

12/13/09

SUNDAY

DATE	RM#	TIME	Reading (ng/m <sup>3</sup> )
		1300	1356
		69.3°F	77.2°F
		66 ng/m <sup>3</sup>	54 ng/m <sup>3</sup>
		1310	1402
		72.2°F	70.7°F
		79 ng/m <sup>3</sup>	67 ng/m <sup>3</sup>

RA

12/13/09

SUNDAY

1500 - 74° inside house, 80 ng/m<sup>3</sup> = BZ9200 ng/m<sup>3</sup> for washer92 ng/m<sup>3</sup> for dryer

Temperature in laundry Room = 68°F

House was still being heated and ventilated.

Justin's room still cold, but heater was turned

on BZ = 340 ng/m<sup>3</sup>

CS-102 (2.5 gals) was poured into the washer and a cycle was run on hot (heavy cycle)

EPA asked the owner to run 3 more cycles in the washer on hot. And run the dryer 2 more times. CS-102 was sprayed in the dryer.

The contaminated clothes were out side on the clothes line. They will be rescreened next visit. (still wet from rain).

Homeowner can stop heating & venting ~~house~~ whole house. Only vent washing & drying room.

1530 START &amp; EPA left Justin's house.

1617 Meeting w/ Superintendent Dr Aiken.

Phillip w/ School Principle

20 Thermistors to get the volume in  $\frac{1}{4}$  of a <sup>(Coast)</sup> ~~Coast~~ can. Source student got it from work.

Styles Hertz &amp; Arr.

Didi For

SUNDAY

12/13/09

9 students potentially exposed to the spill <sup>played</sup> or with <sup>around</sup>

3 classes &amp; 75 students. potential

9am Cody was in the computer lab Thursday morning. START will screen 75 students tomorrow morning.

1700 visited - RS Litznerberger home.

- 184 Center Church Rd - Hwy assessment

Room	BZ	FL	Temp
Front Door Mat		24	43°F
Front Door	35		
RS Bedroom	21, 61	59	68
11 Bed	176		75
11 clothes	35000+		
Couch	246		70
Elder living RM		95	70
Bedroom sink	70	90	
11 Shower Drain		30	

1900 START &amp; EPA complete planning meeting for tomorrow and go back to hotel.

2100 } Downloaded paperwork & forms for tomorrow's  
2300 } personal items screening.

Dadi, PD

12/14/09

Monday

1028 - Buss 001 was reading  $156 \text{ ng/m}^3$ 

0700 START on site. to prep for student screenings at the agricultural center.

- USES yesterday completed Mr. Haines classroom CS-102 cleaning. Afterwards, the Lumex light was used to screen and the floor still showed  $38,000 \text{ ng/m}^3$  or  $38 \text{ ng/m}^3$ .
- USES will begin to remove the computers & desks from the source room.

1300 - START completed screen ~60 students in the agricultural center. ~5 students showed elevated levels of Hg vapor ( $> 4,000 \text{ ng/m}^3$ ) in the personal items.

1300 - Lunch break.

1400 - Student screening will continue. Randy Mayer & Dots Fry, Randy Natter, Cheryl Carbanano, Dr. Ackerman & Principal Phillip.

It was decided that a message will be put in the local newspaper and hold an informal information <sup>(availability)</sup> sharing session with the parents. Tuesday night is tentatively scheduled 1900 start time.

1750 Screened 65 students & 13 showed elevated

PAUSE

12/14/09

reading above  $4,000 \text{ ng/m}^3$ .

1800 Mike Ogle - need more info for daughter who sat in source student's chair.

Mike Ogle - 706-255-6038

1840 - EPA, START meet to discuss days activities and tomorrow's activities

2000 - START OEF site for the day.

RA



12/15/19

Tuesday

0715 - START arrives at site. overcast, fog and temperature is 56°F.

0745 - START and EPA leave site to assess the source house. START also begins preparing maps for house assessments. START meeting with EPA to gain access to houses was held on Monday night. Approximately 17 homes are on the list to visit.

0825 - EPA, START call in to report that levels at the source house are over 50,000 ng/m<sup>3</sup>. EPA Community Involvement Coordinator is called to the house.

1015 - START arrives at Casper's residence to screen.

Lumex 833 R% = 3  
background outside house = 16 ng/m<sup>3</sup>

background @ door = 135 ng/m<sup>3</sup>

Heather Casper's Room BZ, FL = 150

Bathroom = 106

Master bathroom = 117

Washer = 295

Dryer = 46

House cleared, nothing over 300 ng/m<sup>3</sup>

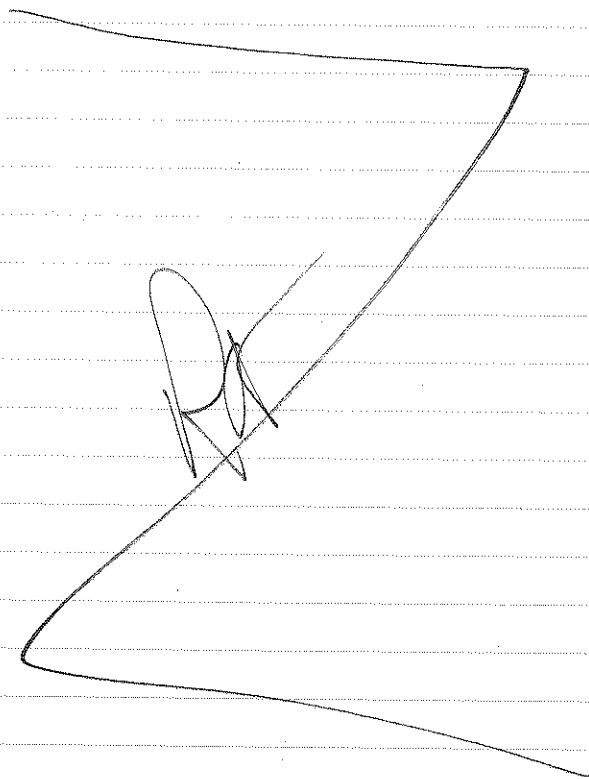
1035 - Start mobilization to Rojas residence.

No one home

Didi Fung

1130 - START breaks for lunch.

1230 - Return from lunch. START and EPA mobilize to residences to conduct screening. USES continues to work on RMS10. Tile is being removed and they are working with the school superintendent to finalize plans for final room reconstruction.



12/15/09 Ogle Residence  
 1300 OSC Nattis & START arrive at  
 Ogle Residence. Taryn  
 (student) had gathered her  
 clothes from Thurs. & placed  
 them into a plastic bag &  
 put it in the garage. START  
 screened bag of clothes.  
 Clothes were elevated so  
 START confiscated the clothes.  
 START inquires about home's  
 thermostat. The thermostat  
 contained 2 Hg switches. OSC  
 Nattis tells Mr. Hogan<sup>Ogle</sup> that  
 if he wants to switch out  
 this thermostat for a digital  
 one, he can bring in the  
 old one to the school to  
 be disposed. START tells  
 other team to pass along  
 thermostat offer to other  
 residents w/ similar  
 thermostats.

Quirkley 12/15/09

12/15/09 Ogle Residence

Location	Reading
Red Dodge Truck PS BZ	61
PS FL	88
PS Seat	88
Garage stairs	11
Door mat from garage (inside)	60
Living Room BZ	62
Bedroom (Taryn) BZ	65
hamper	1,043
clothes (in bag) from Thurs	22,000
Master Bath tub BZ	32
drain	38
Hallway Bathroom sink	54
Washer	3,900
Dryer	36
Vacuum	40
Tristan's Hamper (sister)	160
BZ	46
FL	46
Dog Kennel	45
Kitchen Sink	51
Taryn's hands	64

Quirkley 12/15/09

12/15/09 LaFlam Residence

1445 OSC Natis & START arrive at  
61 Shady Glade Place: LaFlam  
residence. OSC Natis speaks w/  
Mr. LaFlam & Mr. LaFlam signs  
the access agreement.

1450 START enters residence & screens  
w/ the Lumex. No high readings.  
START asks about mercury switch  
thermostat. Mr. LaFlam states  
that all of the thermostats  
were switched out last year.

1510 EPA & START leave residence.

Quirk Kelly 12/15/09

12/15/09 LaFlam Residence

Location	Reading
Background	9
Front door mat	5
Inside front door BZ	10
inside floor mat	8
Bedroom (Megan) BZ	22
Shoes white Nike	22
Closet & shoes	20
Bed linen	20
Dresser drawers	30
jeans	35
hall bathroom BZ	15
hall bathroom hamper	15
Sinks	15
drains	15
Living room carpet	16
Kitchen sink	13
Dryer	9 <sup>00</sup> 11
Washer	9
Vacuum	15

Quirk Kelly 12/15/09

12/15/09 Armistead Residence

1600 EPA & START arrive at Armistead residence. OSC Nattis speaks w/ Mrs. Armistead. She says that ~~her~~ she thinks her daughter was wearing a different jacket ~~th~~ on Thurs than the one that her daughter says she was wearing. START screens the jacket & it is low. Mrs. Armistead also says that Santana went to a friend's house after school on Thurs. Since nothing was detected at elevated level, OSC Nattis decides it is not necessary to screen the friend's house. Mrs. Armistead signed the access agreement.

1620 EPA & START done w/ residence. Head back to School.

Quint Kelly 12/15/09

12/15/09 Armistead Residence

Location	Reading
Background	10
jacket & clothes (bagged)	63 (250)
living room BZ	15
FL	13
Vacuum	14
Bathroom (Hall)	14
Bedroom (Santana) BZ	13
Clothes on bed	30
Closet	15
Shoes on floor	18
Sitting Room FL	204
Kitchen Sink	206
Washer	207
Dryer	240
Clothes basket	290
Master Bath Tub	296
Sink	296
New Bkg. after restart	256
Red Expedition BZ (DS)	242
FL (DS)	240
FL (PS)	236

Quint Kelly 12/15/09



12/15/09 Hogan Residence  
 1730 START arrives at Hogan residence. START screens house. Nothing elevated. Jace Hogan (student) had already washed the clothes he wore on Thurs. The washer & dryer were clean.

Quintana 12/15/09

12/15/09 Hogan Residence	
Location	Reading
Background	35
Living Room BZ	45
FL	41
Bedroom (Jace) BZ	48
Clothes from Thurs. (washed)	73
Hamper	400
Bed	39
Bathroom drains	32
Washer	53
Dryer	31
Kitchen Sink	38

Quintana 12/15/09

12/15/09 Jones Residence (Watkins)  
 1830 START arrives at Jones residence (Shaquille Watkins). START screens home - nothing above action levels. Mrs. Jones is a bus driver for the high school & several students who were screened for Hg rode on her bus. START screened the bus & nothing was elevated.

Quintrell 12/15/09

12/15/09 Jones Residence (Watkins)

Location	Reading
Background	12
Living room BZ	32
FL	22
Chair	22
Shoes	20
jeans (possibly worn on Thurs) washed	40
Vacuum	19
Shirts (folded & washed)	23
Master Bedroom Bath	20
ben lenses	20
School Bus 03-2	
inside door	17
Seats	13

Quintrell 12/15/09

- 1900 - EPA arranges an availability meeting for students and parents. EPA OSC Nattis, EPA Sherry / Cabanera, ATSDR Richard Nicle, school superintendent, principle and health and safety coordinator were all present. START supported meeting and EPA.
- 2030 - START field teams returned to school after screening all scheduled homes for the day. Data and items collected were reviewed, accounted for and entered into the database.
- 2200 - START all hands meeting and planning strategies for Wednesday work, with EPA began. Three START, Fung, Croft and Turner began preparing air samples for the source house.
- 2300 - START AND EPA LEAVE SITE FOR THE DAY.

*RA*

12-16-09

Wednesday

- 0730 - START MAYER, FUNG AND FOSKEY arrive on site. 36°F clear slight wind.
- 0800 - START FUNG and FOSKEY mobilize to conduct house assessment. START Kelley and Roden are at source house collecting one overnight air sample. START CROFT and Turner are at source house to assist OSC STELMAN.
- 0815 - START MAYER begins <sup>R</sup>compiling numbers for cost estimate. STEMI Shanna Davis is assisting with cost estimate.
- 0900 - START Kelley and Roden arrive at site to turn over air sample to TBM. Harrigan, to drop off at AES in Atlanta.
- 0920 - START Begins compiling data from House assessments done on Tuesday 12/15/09
- 1000 - START AND EPA return from house assessments and begin screening and heating/venting personal items.
- 1220 - Break for lunch
- 1300 - Return from lunch START continues to heat/vent personal items and compiling data and costs for EPA.
- 1700 - START mobilizes to conduct house assessment.

*RA*

12/16/09 Duncan Residence

1730 OSC Nattis & START arrive at Duncan residence. Mr. Duncan signs the access agreement. Richard Duncan (student) rode to & from School on Thurs. w/ Cody Shelton. START screens the house - nothing elevated. The washer & dryer were clean. 1750 START done w/ assessment.

Quintalley 12/16/09

12/16/09 Duncan Residence

Location	Reading
Background	32 0
Outside Door mat	10
Inside Front door BZ	15
Living room chair	12
Bedroom (Richard) BZ	10
Clothes	12
Dresser	35
Bed linens	24
Pillows	24
Backpack	39 50
Closet	32
Hall Bathroom Sink	30
tub	20
Washer	40
Dryer vent trap	31
Living room floor	10

Quintalley 12/16/09



12/16/09

1830 - START AND EPA return to site after home assessment. START discusses activities with USBS. RM 510 has one coat of epoxy and will have a second coat applied tomorrow. RM 419 - tile has been removed. USBS is more vacuuming entire room and will heat/vent the room overnight. START supplied OSC Nattis with numbers from database, including houses visited, students screened, number of items taken from houses and number of items taken at school.

2000 - START finishes screening - *RJ*

2030 OSC Nattis & START arrive at Moody residence. Jonathan Moody (student) had placed his clothes & shoes from Thurs into bags & put them outside. The house was clear. Since the bagged items were higher than the readings inside the house, OSC Nattis decides to take the bags to heat & screen just to be conservative.

*Q/Keel 8-12/16/09*

12/16/09

Moody Residence

Location	Reading
Background	8
Living Room BZ	11
Bedroom chair	12
Bedroom (Jonathan)	20
Hall Bathroom Sink	30
Shower	80
BZ	15
Bagged clothes from Thurs	58

*Q/Keel 8-12/16/09*

12/16/89

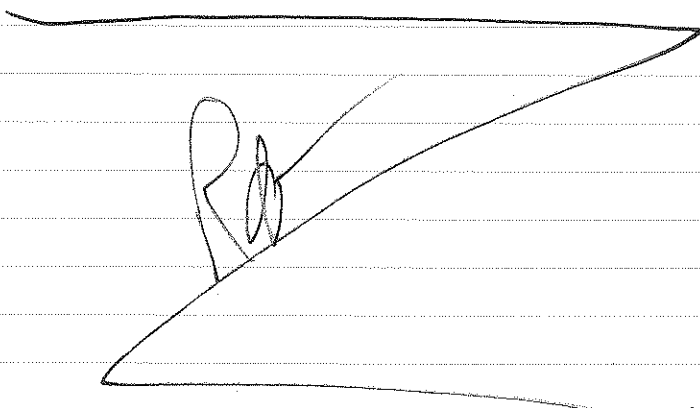
Wednesday

0700 - START EPA return from final house

2100 assessment and begin discussions for activities completed to date and proposed activities for tomorrow.

2140 activities for tomorrow.  
 0940 - START, EPA, USBS discuss plans for preparing RM 419 for clearance. OSC Nattis decided that the floor should be sealed with two layers of epoxy before clearance begins. Readings in the room without epoxy on the floor and the room being heated and vented. BZ = 200-300 ng/m<sup>3</sup>  
 Floor = 1200 with one hot spot at 4400 ng/m<sup>3</sup>.

1000-2200 - START and EPA leave site for the day.  
 USBS is applying first coat of epoxy in RM 419 before leaving site for the day.



12/17/89

Thursday

0745 - START on site.

0800 - START BBBS clearance sampling for RM 510.

0820 - INITIAL screen of RM 419.

0850 - USBS Begins putting second coat of epoxy on RM 419.

0915 - START Begins inventory of items that are not being returned to students.

0930 - USBS finishes applying second coat of epoxy on the floor of RM 419.

1115 - screen of upper hall between barrier and catetena = 127 ng/m<sup>3</sup>

1215 - BREAK for lunch.

1245 - Return from lunch break.

1330 - Begin clearance of RM 419.

1510 - OSC Nattis has cleared RM 510.

1545 - All personal items have been screened, itemized and marked for return to owner or for reimbursement.

1630 - START continues monitoring RM 419 for clearance and updating database.

1740 - START screened tables from RM 419 after they had been heated for one hour. Readings were between 980 ng/m<sup>3</sup> and 1650 ng/m<sup>3</sup>.  
 USBS will continue to heat tables.

1830 - START FUNK, RUDEN, FUSKEY, Kelley leave site for the day.

Lumer # = 164

ROOM 510 CLEARANCE ( $\text{ng}/\text{m}^3$ ) R% = 3

BZ

FLUOR

0800	80°F	10 (outside <del>inside</del> door cracked)	120 (expansion joint)
		57 (room average)	58 (lab table area)
0900	75°F	43 (room average)	57
1000	77°F	49 (room avg)	61
1100	80°F	53 (room average)	89
1200	78°F	37 (room average)	68

800 peak at expansion joint.

1300	76°F	81 (room avg)	300-70 Floor
			300-700 along expansion joint.

1405	74°F	75 (room avg)	Floor 70
			300-700 in expansion joint.

1500	77°F	66 (room average)	Floor 87
			200-700 hot spots along expansion joint.

8 hour averages

Temp. 77°F

BZ 57  $\text{ng}/\text{m}^3$ 

RAX

INST. 638 (USES)

RM 419 CLEARANCE  $\text{ng}/\text{m}^3$  R% = 12INITIAL SCREENING ~~8815~~ with one coat of epoxy. 85.0820 - BZ = 500  $\text{ng}/\text{m}^3$ FLUOR = 1600  $\text{ng}/\text{m}^3$ 

1330	82°F	363 $\text{ng}/\text{m}^3$ BZ	405/600 $\text{ng}/\text{m}^3$ FLUOR
1430	<del>82°F</del> 77°F	315 $\text{ng}/\text{m}^3$ BZ	605 $\text{ng}/\text{m}^3$ FLUOR
1530	75°F	246 $\text{ng}/\text{m}^3$ BZ	450 $\text{ng}/\text{m}^3$ FLUOR
1635	71°F	332 $\text{ng}/\text{m}^3$ BZ	463 $\text{ng}/\text{m}^3$ FLUOR
1735	74°F	321 $\text{ng}/\text{m}^3$ BZ	698 $\text{ng}/\text{m}^3$ FLUOR
1830	78°F	278 $\text{ng}/\text{m}^3$ BZ	642 $\text{ng}/\text{m}^3$ FLUOR
1930	79°F	242 $\text{ng}/\text{m}^3$ BZ	597 $\text{ng}/\text{m}^3$ FLUOR

1940 - START SCREENING Tables

1945 - START OFF SITE for the day. All Rooms and all tables, chairs are clear and released back to the school.

RAX

12-18-09

FRIDAY

0745 - START arrives on site. USES has put all contents from RM 419 into the hallway as per instructed by the school. START begins research & reimbursement costs for personal items and return of cleared personal items. READINGS in the hallway and RM 419 at 65°F was below 200 ng/m<sup>3</sup>.

1100 START Foskey & Turner screen the hallway and classrooms. Lumer: 164 R90=1

Hallway - 150-200 ng/m<sup>3</sup>

Classrooms - 20-40 ng/m<sup>3</sup>

Rm 419 - 100-250 ng/m<sup>3</sup>

Ms. Hayne's room - 30-50 ng/m<sup>3</sup>

1230 } Completed return of clean items to F. Ogle's property and collected Hg thermostat from resident to recycle. This was going to ERCS for disposal.

2000 Eric & ~~Brandon~~<sup>ET</sup> Brandon Foskey leave for hotel after returning items to community

*[Handwritten signature]*

12-19-09 Sat Oglethorpe Hg B. Foskey

1030 Arrive at school. Screen Crocker bag from his home parents brought. Start photo-logging clothes Justin wore day of. Lumer: 164 (clothes revealed at 745,000 ng/m<sup>3</sup>) R90=12

1115 START photo logging items from Crocker that were dropped off this morning - Contact USES about picking up contaminated personal items. Will pick up within the next two hours.

1200 - Called Q. Hull to pick up Hg switch from thermostat. No answer - left a voicemail; Crocker bringing by more items to screen.

→ boots = (PSP)

1300 - START broke for lunch.

1330 - Crocker drops off more personal items. One pair of boots cleared at 750 ng/m<sup>3</sup>. All others ranged from 12,000 - 45,000

1400 - screen & inventory personal items for Crocker - all items hot

1500 - leave Oglethorpe High en route to source house

1730 - arrive at Duluth Office

*[Handwritten signature]*



B. Shy

B. Shy

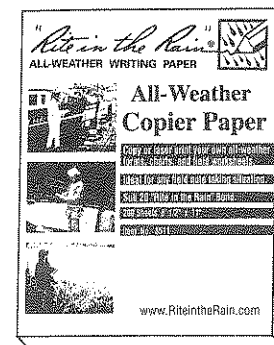
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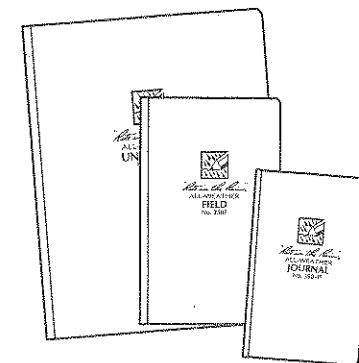
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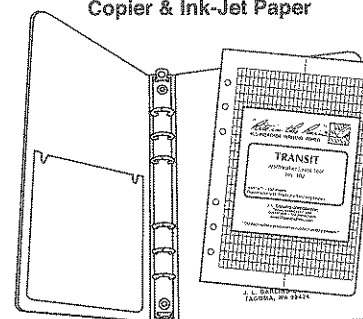
*"Rite in the Rain"*  
ALL-WEATHER WRITING PAPER



Copier & Ink-Jet Paper



Bound Books



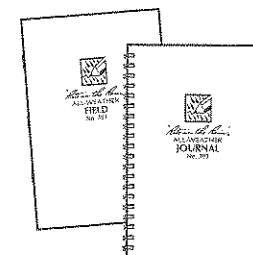
Loose Leaf / Ring Binder



Memo Books



All-Weather Pens



Notebooks

[www.RiteintheRain.com](http://www.RiteintheRain.com)





*"Rite in the Rain."*

ALL-WEATHER

**JOURNAL**

No. 390N

Oglethorpe High School  
Hg Spill

(103 DX 90170001.0117)

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PAGE

REFERENCE

DATE

B. Fisher

"Rite in the Rain"  
ALL-WEATHER WRITING PAPER



## ALL-WEATHER HORIZONTAL LINE BOOK

Name Oglethorpe High School Hg Spill  
103DX9017.0001.017

Address \_\_\_\_\_

Phone \_\_\_\_\_

Project Logbook 2 (12/11-12/17)

This book is printed on "Rite in the Rain" All-Weather Writing Paper - A unique paper created to shed water and enhance the written image. It is widely used throughout the world for recording critical field data in all kinds of weather. For best results, use a pencil or an all-weather pen.

Specifications for this book:

Page Pattern		Cover Options	
Left Page	Right Page	Polydura Cover	Fabrikoid Cover
Lined	Lined	Item No. 390N	Item No. 390NF

2

12-11-09

E. Turner  
B. Craft

1700 START Craft & Turner arrive @ Ogletthorpe  
High School - meet w/ OSC Hayes &  
START Fung/Mayer

Rm 426 Door cracked = 699  $\text{ng}/\text{m}^3$   
FL, BZ 600-700  $\text{ng}/\text{m}^3$

Rm 427 Door cracked = 900  $\text{ng}/\text{m}^3$   
FL, BZ 750-850  $\text{ng}/\text{m}^3$

% R = 7

Electrical Room, Door cracked = 420  $\text{ng}/\text{m}^3$   
FL, BZ 300-400  $\text{ng}/\text{m}^3$

Rm 418

@ Door = 400  $\text{ng}/\text{m}^3$   
FL, BZ 200-300  $\text{ng}/\text{m}^3$

\* Locked chemical closet; master key wont  
open.

Rm 416-B

@ Door = 435  $\text{ng}/\text{m}^3$   
FL, BZ 300-450  $\text{ng}/\text{m}^3$

Rm 416

\* Locked

Rm 414

@ Door = 140  $\text{ng}/\text{m}^3$   
FL, BZ = 100-120  $\text{ng}/\text{m}^3$

BSL 12-11-09

12-11-09

E. Turner 3  
B. Craft

Storage

@ Door = 90  $\text{ng}/\text{m}^3$

Packed with equipment, 80-90  $\text{ng}/\text{m}^3$   
2nd Storage FL BZ

\* locked

Jantor's Closet next to Brenda Wall  
Office

BZ FL 300-400

\* Vacuum cleaner  $\approx$  800  $\text{ng}/\text{m}^3$

Brenda Wall Office

\* locked

Womans Restroom

@ Door 100-200

BZ FL 200-220

Faculty Resource (includes Bathroom)

@ Door = 165  $\text{ng}/\text{m}^3$

BZ FL = 160-180

Attendance Office

@ Door = 220

BZ FL = 220-230

Asst Principle Mr. Chris Williams \*locked  
Athletic Director Larry Milligan

@ Door = 180

BZ FL = 180-190

BSL 12-11-09

12-11-09

HS Asst Principal Mr. Mack Baldwin  
@ Door =  $315 \text{ ug/m}^3$ FL, BZ =  $300-320 \text{ ug/m}^3$ 

Storage

@ Door = 80

FL, BZ =  $70-80 \text{ ug/m}^3$ 

Workroom

@ Door = 190

FL, BZ =  $180-200$ 

Toilet

FL, BZ =  $160-170$ 

Data Room

\* locked

Toilet

FL, BZ =  $150 \text{ ug/m}^3$ 

MS Princip - B. Levine

\* locked

MS Asst. Principal - K Goodwin

@ Door =  $140 \text{ ug/m}^3$ FL, BZ =  $120 \text{ ug/m}^3$ 

Counselor - S. Wooten

\* locked

Electrical Room

\* locked

Floor mats (exit near Admin offices)

FL =  $130-145 \text{ ug/m}^3$ BSC  
12-11-09

12-11-09

10<sup>th</sup>

LASER HALL

Werner's Room

@ Door =  $25 \text{ ug/m}^3$ FL, BZ =  $25-50 \text{ ug/m}^3$ 

505 - Schmidt

@ Door =  $80 \text{ ug/m}^3$ FL, BZ =  $80-150 \text{ ug/m}^3$ 

507 - Lance

@ Door =  $20 \text{ ug/m}^3$ FL, BZ =  $12-20 \text{ ug/m}^3$ 

509 - Waters

@ Door =  $35 \text{ ug/m}^3$ FL, BZ =  $30-60 \text{ ug/m}^3$ 

S11 - C. Brooks

@ Door =  $30 \text{ ug/m}^3$ FL, BZ =  $20-40 \text{ ug/m}^3$ 

S13 - Sosebee

@ Door =  $140 \text{ ug/m}^3$ FL, BZ =  $150-180 \text{ ug/m}^3$ 

S15 - Melissa McGarity

\* locked

S17 - Mrs. O'Kelly

\* locked

S19 - Dellinger

@ Door =  $35 \text{ ug/m}^3$ FL, BZ =  $20-30 \text{ ug/m}^3$ BSC  
12-11-09

12-11-09

E. Turner  
B. Croft

S16 - Derricotte

① Door = 28  $\mu\text{g}/\text{m}^3$ FL, BZ = 20-40  $\mu\text{g}/\text{m}^3$ 8 pm 1287 Walter Sams Rd, Winterville  
to survey residence GA

Kia

Washer & Dryer = 12-13  $\text{ng}/\text{m}^3$ 

Van = 41 @ Door

BZ 10-20  $\text{ng}/\text{m}^3$ 9 pm Wilson residence  
412 Worton Mill Rd CornerLiving Room ~~1500-1600~~ 1100-1200  
(Couch 1500-1600) ET 12-11-09

Coat = 1500

Dining Room = 1700

Laundry Room = ~~4000-5000~~ 4000-5000 ET 12-11-09

Student's Bedroom 800-900

Washer & Dryer = 50,000  $\text{ng}/\text{m}^3$ Brother's Room = 1500-1600  $\text{ng}/\text{m}^3$ 

Truck @ Door = 120 BZ = 100

Student's clothes = 100-150  $\text{ng}/\text{m}^3$ 

\* Note: temp 30-40°F

E. Turner 12-11-09

12-11-09

E. Turner<sup>7</sup>  
B. Croft

10:15 pm

Kitchen = 15-20  $\text{ng}/\text{m}^3$ Atrium Boys Bathroom = 80-90  $\frac{\text{ng}}{\text{m}^3}$ 

Atrium Girls Bathroom = 80-90

Greg Mixon, ISS (behind stage)

① Door = 80

FL, BZ = 80-90

Media Center

① Door = 270

FL, BZ = 250-400

Library Break Room

FL, BZ = 250-300

Band Room = 15-20

\* incl rooms

Mrs B's room = 4-10

E. Turner



12/15/09

0805 OSC Nattis & START Fung, Croft, & Kelley arrive at 12 Dogwood Way, the source house. Alicia Shelton gave OSC Nattis verbal access to the house, but declined to sign an access agreement.

Back-ground = 12 ng/m<sup>3</sup>

doormat = 4,900 ng/m<sup>3</sup>

inside front door = > 50,000 ng/m<sup>3</sup>

0815 EPA & START exit residence & speak w/ Mrs. Shelton about relocating during removal activities. OSC Nattis requests CIC Carbonaro to join him at the house. OSC Nattis informs office that we will need another OSC & WRS to do removal activities.

0910 screening vehicle - Suburban - AMX 6036

driver door 2,900 ng/m<sup>3</sup>

driver floor 1,200 ng/m<sup>3</sup>

pass. floor 2,600 ng/m<sup>3</sup>

back pass door 1,300 ng/m<sup>3</sup>

Cody's shoes 1,900 ng/m<sup>3</sup> (unbagged)

↳ not worn to school

BSC 12-15-09

ET E. Turner  
ET R. Mayer

12/15/09

cross/  
Alicia's shoes - 4,600 ng/m<sup>3</sup> (unbagged)

parts - 150 ng/m<sup>3</sup> (unbagged)

↓  
fleece jacket - 150 ng/m<sup>3</sup> (unbagged)

0925 re-screened house

= 7,000 ng/m<sup>3</sup> (w/ windows opened)

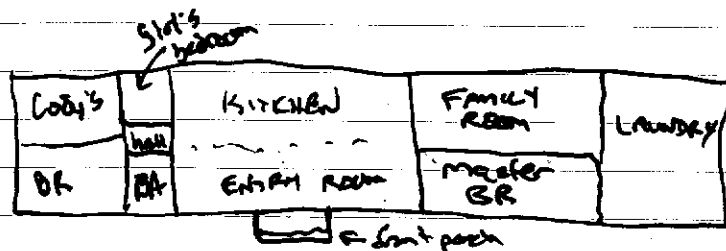
- screen vehicle - camera 865 7921

pass. door - 107 ng/m<sup>3</sup>

pass. floor - 157 ng/m<sup>3</sup>

driver door - 155 ng/m<sup>3</sup>

0930 screen house (temp: 63.8°F)



entry room = 2,400 ng/m<sup>3</sup> BZ

hallway (to Cody's) = 6,200 BZ

bedroom (Cody's) = 20,000 (open window) BZ

↳ = > 50,000 (carpet) - FL

bedroom = 9,700 BZ

↳ = 27,000 (carpet) - FL

bathroom = 27,000 BZ

bedroom (girl's) = 47,000 BZ

> 50,000 (carpet) FL

Kitchen sink = 2,600 (drain) BSC 12-15-09

R. Mayer

E. Turner

12-5-09

Kitchen pantry = 6,400 ng/m<sup>3</sup>  
 master bedroom = 4,700 (BZ)  
 " bath = 8,200 (BZ)  
 ↳ shower = 15,000 (BZ)  
 ↳ drain = 20,000 (drain)  
 master BR closet = 42,000 (BZ)  
 family room = 9,700  
 laundry room = 9,400 (BZ)  
 washer = 32,000  
 dryer (w/ clothes) = 42,000  
 vacuum > 50,000  
 shop vacuum (front porch) = 800

1020 arrive @ Lawson residence - home  
 of Georgia Lawson - 1321 Corner Ave in  
 Coner, GA - Georgia sat @ desk after spill

Screening:

vehicle (GMC Sierra - i.c. plate # AMX 7801)

pass door = 154 ng/m<sup>3</sup> BZ  
 pass floor = 180 FL  
 front door mat = 23 FL  
 front door couch = 39 BZ  
 inside front door mat = 23 FL  
 Georgia's bedroom = 40 BZ  
 ↳ floor by bed = 43 FL  
 ↳ bed = 80 FL  
 ↳ clothes on floor = 37 FL

BSC  
 12-15-09

E. Turner

12-5-09

- bagged clothes = 15,000 ng/m<sup>3</sup>  
 ↳ removed w/ owner's permission  
 ↳ bagged for inventory

1305 - arrive @ Rojas residence - home  
 of Fabiola, Yesica, & Alex  
 161 Walker Gresham Rd Stephens, GA  
 Lunex ~~4088~~ 4089

background outside - 6 ng/m<sup>3</sup>  
 at front door - 406 FL, BZ  
 family room = 12 FL, BZ  
 dining room = 10 FL, BZ  
 Yesica's shoes = 44 ng/m<sup>3</sup> FL, BZ  
 sink drain in kitchen = 12 FL, BZ  
 Washer = 129 FL, BZ  
 Dryer (w/ clothes) = 4 FL, BZ  
 Fabiola's room = 10  
 bathroom = 9  
 Alex + ~~room~~ = 8 room = 8  
 closet 20  
 temp = 62.5° F  
 Jessica's room = 43  
 closet = 38  
 trash can = 800  
 w/out trash bag = 191

12-15-09

Bus Number = -- - 69

12-15-09

R. Mayer

E. Turner

clothes (kept outside, damp) = 600  $\text{ng}/\text{m}^3$   
 - bringing clothes back to high school for analysis.

truck Fabiola rode home in = 28 @ door  
 seats and floor = 15

\* clothes removed w/ owner's permission

\* bagged for inventory  
 house clean.

1410 - arrive at Blake Martin's residence -  
 48 Frank Matthews Rd Lexington GA  
 30648

clothes > 50,000

↳ removed w/ owner's permission

↳ bagged for inventory

@ side door = 215  $\text{ng}/\text{m}^3$

entry room = 220  $\text{ng}/\text{m}^3$  FL, BZ

Laundry room = 175

Washer = 900

Dryer = 170

Swiffer = 900

Kitchen = 230 (incl drain)

Blake's room = 600 BZ

under sheets = 6700

jacket = ~~900~~ 900 → removed w/ permission

shirt = 4700

*in* 12-15-09

R. Mayer<sup>13</sup>

E. Turner

12-15-09

Mattress = 4300

bathroom = 450  $\text{ng}/\text{m}^3$

sister's room = 515 (under sheets)  
 = 300 BZ

closet = 220

shoes = 280

dining room

2nd sister's room = 300

Living room = 300 BZ

Couch he sat on = 250-300

Master bedroom = 200

↳ bathroom closet = 180

bathroom = 200

1610 - arrive at Justin Crocker residence

for check of washer/dryer

412 Watson Mill Rd Gmer, GA 30629

Washer - 49,000

1720 Dryer - 3400

~~1720~~ - arrive at Justin Wilson residence

for washer/dryer check

Justin's room

@ door = 22

BZ, FL = 22

closet = 120

Living room = 18

*in* 12-15-09

Washer - 69 w/clothes ( $\mu\text{g}/\text{m}^3$ )  
 Dryer = 19

12/16/09

THURSDAY

0730 START Fung & Foskey, who just arrived at the school to assist in the residential screenings, starts the day.

0830 Fung & Foskey arrive at the 1st scheduled home of Queenshield Hull at 337 Stephens Salem Rd. ~~(706)~~

0832 Lumaxo # Unit #703 %R = 4-5

0845 Begin Screening

- Background (outside) - 16  $\mu\text{g}/\text{m}^3$
- Front door floor mat - 15
- Inside front door (breathing) - 32
- Living room (breathing) - 35
- " " carpet - 25
- Kitchen sink - 35
- Din. Room (breathing) - 35
- Computer/Desk - 36
- floor mop - 33
- Master Bedroom (breathing) - 40
- ↳ Bedroom closet - 53
- Washer - 51
- Dryer - 31

- Daughter Bedroom (carpet) - 48

↳ shoe basket - 45

↳ vacuum cleaner - 44

↳ closet - 47

- Clothes hamper - 5600

- Bathroom adj to daughter's room - 57

- Son's bedroom (carpet) - 61

↳ dresser - 68

↳ bed, clothes on floor - 50-80

↳ clothes @ end of bed - 120

↳ clothes in the closet - max @ 2,000

1000 START Foskey & Fung begin heating & waiting of personal items. Items are baked in the tent for approx. 3 hrs and then screened, separating clean items from items w/ higher readings.

1945 START finishes screening personal items; begins cleaning up screening station.

2100 START offsite. Brandon Foskey

12/17/09

Friday

0730 START Foskey, Fung, Kelley, & Rodan onsite

1100 START begins photologging and documenting items that will be confiscated and reimbursed

1300 START breaks for lunch

1330 START continues photo-logging personal items and screening items removed from school by USES

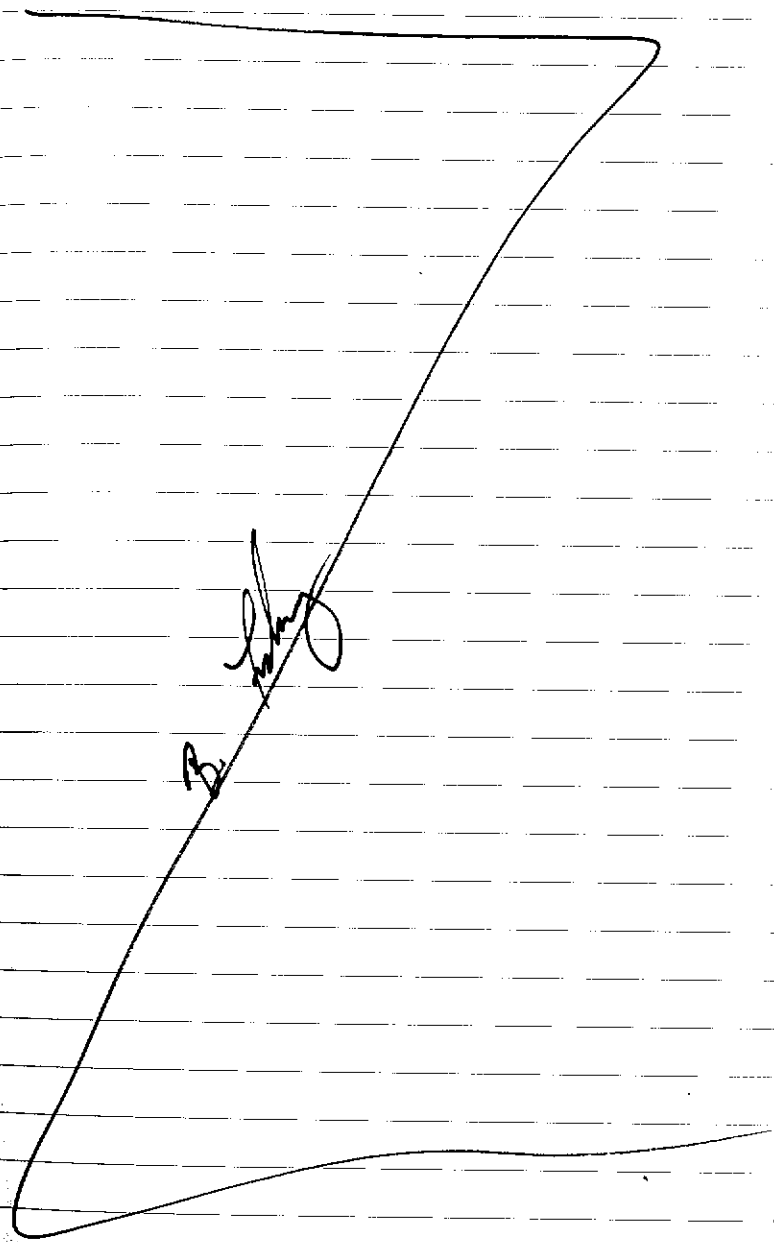
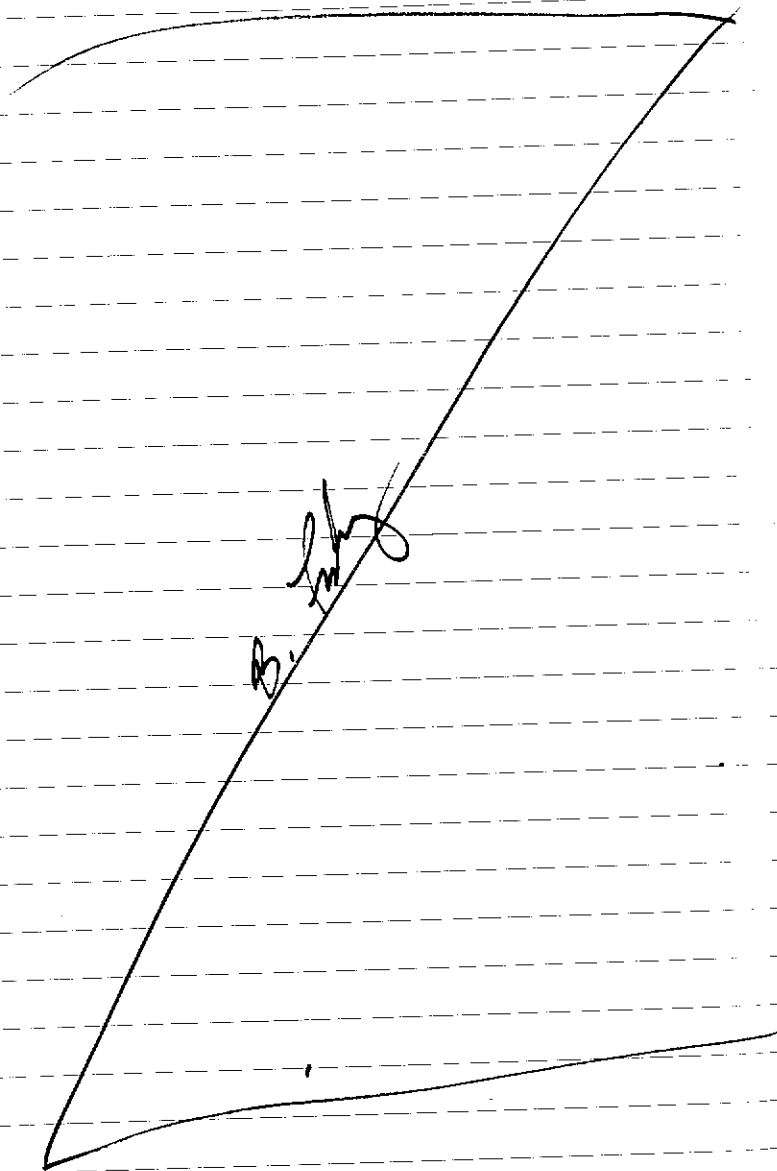
1500 START begins recording items that will be returned to the students

1600 START finishes photo-logging and documenting personal items, breaks down equipment at the Ag center

1830 Shut down for the day at the school.

*[Signature]*

*[Signature]*





INCH

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16

B. Fly

G. Lawson 1321 Corner Road - Corner, GA  
~~Cooper~~

706 783-3860

Sheryl 678.575.7355

770.608.1747

B. Fly