

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Life Care Family Practice Hg Spill - Removal Polrep  
Initial and Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region IV

**Subject:** POLREP #1  
Initial and Final  
Life Care Family Practice Hg Spill  
  
Douglasville, GA  
Latitude: 33.7490560 Longitude: -84.7440390

**To:**  
**From:** Richard Jardine, OSC  
**Date:** 9/22/2010  
**Reporting Period:** 04JAN10 to 09FEB10

1. Introduction

1.1 Background

Site Number:	Contract Number:
D.O. Number:	Action Memo Date:
Response Authority: CERCLA	Response Type: Emergency
Response Lead: PRP	Incident Category: Removal Action
NPL Status: Non NPL	Operable Unit:
Mobilization Date: 1/4/2010	Start Date: 1/4/2010
Demob Date: 1/4/2010	Completion Date: 2/9/2010
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification:
FPN#:	Reimbursable Account #:

1.1.1 Incident Category - Emergency

1.1.2 Site Description - Small medical practice

1.1.2.1 Location - 8464 Adair Street, Douglasville, GA

1.1.2.2 Description of Threat - Spilled mercury which is toxic by inhalation

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results - The owner of the practice did an excellent job of limiting contaminant migration from the examining room where the sphygmomanometer malfunctioned. When EPA screened the hallway just outside the room, and the rest of the building, all readings were below the 1,000 ng/m3 EPA residential action number. Most readings were equivalent to background. The examining room however, was in excess of 50,000 ng/m3. Visible mercury beads were observed on the tile floor.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative - EPA advised the owner that a removal action was required to prevent the mercury from spreading throughout the building or being transferred by shoes into patient's or worker's cars. EPA conducted a sweep of the floor in the examining room and gathered numerous beads of mercury that amounted to an estimated 10 grams. EPA placed the mercury into the same glass jar the owner had been using to capture spilled mercury.

2.1.2 Response Actions to Date - The owner hired First Environmental Nationwide of Macon, GA to conduct the removal action. First Environmental used a mercury identifier powder to better enable them to spot the contamination. Then First Environmental used an amalgamizing powder to stabilize the mercury beads. The powder was swept up and placed into a drum. After that procedure, First Environmental conducted air monitoring which identified one hot spot on the floor. After repeating the removal procedure the mercury vapor level was reduced to background. First Environmental disposed of all contaminated material and the elemental mercury through EQ's Michigan facility.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

#### 2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

#### 2.2 Planning Section

##### 2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities - No further action is expected for this response.

##### 2.2.1.2 Next Steps

##### 2.2.2 Issues

#### 2.3 Logistics Section

No information available at this time.

#### 2.4 Finance Section

No information available at this time.

#### 2.5 Other Command Staff

No information available at this time.

#### 3. Participating Entities

No information available at this time.

#### 4. Personnel On Site

No information available at this time.

#### 5. Definition of Terms

No information available at this time.

#### 6. Additional sources of information

No information available at this time.

#### 7. Situational Reference Materials

No information available at this time.