U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Lexington Ave Mercury - Removal Polrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: **POLREP #3**
Final POLREP
Lexington Ave Mercury
B455
Pensacola, FL
Latitude: 30.5566470 Longitude: -87.2600800

To:
From: Chris Russell, On Scene Coordinator
Date: 2/1/2010
Reporting Period: 12/16/2009 - 2/1/2010

1. Introduction

1.1 Background

Site Number:	B455	**Contract Number:**	
D.O. Number:		**Action Memo Date:**	12/16/2009
Response Authority:	CERCLA	**Response Type:**	Emergency
Response Lead:	EPA	**Incident Category:**	Removal Action
NPL Status:	Non NPL	**Operable Unit:**	
Mobilization Date:	12/14/2009	**Start Date:**	12/15/2009
Demob Date:	12/18/2009	**Completion Date:**	1/7/2010
CERCLIS ID:		**RCRIS ID:**	
ERNS No.:		**State Notification:**	
FPN#:		**Reimbursable Account #:**	

1.1.1 Incident Category
Residential mercury release.

1.1.2 Site Description
On 12/10/2009, the FDEP Bureau of Emergency Response was notified of a residence in which a shed was on site that allegedly contained three 10-pound containers of mercury. FDEP/BER responded to the site and properly secured the storage shed in question. Shortly thereafter, FDEP/BER requested US EPA assistance with conducting an assessment at the site. On 12/15/2009, FLDEP and EPA Florida outpost OSC Russell conducted an assessment at 740 Lexington Ave, Pensacola, Florida, based on the report of mercury in a shed of a residence within a heavily populated neighborhood. The assessment revealed that five 10-pound containers of mercury were improperly stored in the shed and that one of the containers was found to be leaking and free mercury was on the ground.

1.1.2.1 Location
740 Lexington Ave, Pensacola, Florida.

1.1.2.2 Description of Threat
Up to 5 pounds of elemental mercury released to a closed shed on a residential property; an unknown amount of elemental mercury released into the environment, and approximately 15 pounds of unsecured mercury remains on the property (These amounts were updated verses earlier POLREPS as to better reflect the actual amounts discovered through recovery and disposal). Elemental mercury is a naturally occurring metal which is a liquid at room temperature. Mercury is not readily absorbed into the human body by ingestion or touch, but it produces vapors at room temperature which can be harmful to human health if inhaled. Exposure to high levels of mercury vapor can cause damage to the brain, kidneys and lungs, and may cause severe damage to a developing fetus.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results
N/A

2. Current Activities

2.1 Operations Section

2.1.1 Narrative
Response Operations were completed, including the disposal of the wastes.

2.1.2 Response Actions to Date
On 12/16/2009, EPA OSC Russell, START OTIE Stubbs, and members of Eagle/SWS returned to the Lexington Avenue Mercury Site and continued removal operations. Various Lumex readings were conducted throughout the day. Readings ranged from 1,000 nanograms/m3 to over 100,000 nanograms/m3. Removal actions included the segregation and removal of contaminated items, invasive measures including the removal of flooring and siding, heating/venting actions, and continual assessments. By the end of the day, Lumex mercury readings were reduced significantly.
Final air monitoring results indicated that the mercury vapors were reduced to an amount that was acceptable. All personnel demobed the site on 12/18/2009.
SWS (ERRS) shipped all of the waste off-site for proper disposal.
On 1/15/2010, all manifests indicating the proper disposal of the wastes were received, in turn, the completion date for this Emergency Response/Removal was designated as 1/07/2010.
2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)
A PRP has been identified, however, this individual has advised that they do not have the funds to initiate the appropriate removal actions.

2.1.4 Progress Metrics

Waste Stream	*Medium*	*Quantity*	*Manifest #*	*Treatment*	*Disposal*
Mercury Contaminated Waste	**Various**				**X**
Free Mercury		**12 pounds**		**Recycled**	

2.2 Planning Section

2.2.1 Anticipated Activities
Future activities will include possible cost recovery actions towards the PRP.

2.2.1.1 Planned Response Activities
Response activities have been completed.

2.2.1.2 Next Steps
Referral to Cost Recovery Section

2.2.2 Issues
N/A

2.3 Logistics Section
There are currently no logistical issues for this response.

2.4 Finance Section
No information available at this time.

2.5 Other Command Staff
2.5.1 Safety Officer
A Site Safety Plan was generated for the response and presented to all participants.

The initial entry team made their initial entries in Level B PPE.

2.6 Liaison Officer
The OSC filled the position of Liaison Officer for this response.

2.7 Information Officer

2.7.1 Public Information Officer
OSC Russell filled the role of PIO. Two short interviews were conducted with two local television stations. EPA/R4 PIO Carl Terry was advised of the interviews.

2.7.2 Community Involvement Coordinator
A Community Involvement Coordinator is not necessary at this time.

3. Participating Entities

3.1 Unified Command

The Unified Command consisted of the US EPA Region 4 Florida Outpost, Florida Department of Environmental Protection Bureau of Emergency Response Manager, and the PRP.

3.2 Cooperating Agencies

ATSDR personnel have provided support to this response in reference to toxicology assessments and cleanup goals.

4. Personnel On Site

All personnel have demobed.

5. Definition of Terms

N/A

6. Additional sources of information

6.1 Internet location of additional information/report

N/A

6.2 Reporting Schedule

N/A

7. Situational Reference Materials

N/A