

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
GW Foundry Emergency Response - Removal Polrep
Initial and Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region I

Subject: POLREP #1
GW Foundry Emergency Response
REHOBOTH, MA
Latitude: 41.8411752 Longitude: -71.2501751

To:
From: Mia Pasquerella, OSC
Date: 5/5/2011
Reporting Period:

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:
NPL Status:	Operable Unit:
Mobilization Date: 5/4/2011	Start Date: 5/4/2011
Demob Date: 5/4/2011	Completion Date: 5/4/2011
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification:
FPN#:	Reimbursable Account #:

1.1.1 Incident Category

Emergency Response

1.1.2 Site Description

G&W Foundry is an iron casting manufacturer located in Rehoboth, MA.

1.1.2.1 Location

G&W Foundry is located at 128 Bay State Road, Rehoboth, MA. It is bordered on the North, East, and West side by a wetland and wooded areas. It is bordered on the South side by residential properties, including a daycare and a school.

1.1.2.2 Description of Threat

On May 4, 2011 at 0855hrs, the EPA phone duty officer Bzenas received a call from MASS DEP - Southeast Regional Office in regard to a three alarm fire at the G&W Foundry on 128 Bay State Road in Rehoboth, MA. Explosions were reported from the facility around 0800hrs. Unknown chemicals are involved in the fire.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

N/A

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

EPA arrived on-scene at 1030hrs and integrated into the incident command structure.

By that time the primary fire had been extinguished and hot spots and smoldering areas remained active. The building had been nearly completely consumed by the fire and explosion. The chemicals involved were sulfuric acid, an alcohol fixer with toluene, and a furan resin. The initial fire occurred when incompatible chemicals were accidentally mixed due to residual liquids in one of the designated mixing containers. The 11 employees evacuated the facility after the start of the initial fire in the mixing container. Minutes after the

evacuation, an explosion occurred in the north west corner of the building. No injuries were sustained.

MassDEP and District 1 Hazmat have been supplying air monitoring support in the immediate incident area as well as the surrounding residential areas. The levels indicated have been consistent with background in this area for VOCs. The runoff water is mostly being contained on site due to the naturally low topography. During operations, an adjacent brook did receive some runoff, but a low berm was constructed to contain the water. Therefore, most runoff continues to be contained within the building footprint. The pH of the runoff water was taken and is near neutral.

The facility owner/operator hired an environmental company to assist with cleanup activities. The environmental contractor delivered an excavator to the incident. The machine was used to create an earthen berm around the building to better contain any additional run-off water, and to knock down the remaining walls of the building.

The MassDEP mobile laboratory arrived at the scene to begin screening air and water samples. The lab was able to confirm that only background levels of VOCs were present in the area. The samples of the run-off water contained only very low levels of VOCs and moderately elevated pH. The mobile lab will remain on scene to continue screening air and water samples. MassDEP responders will remain on scene to monitor cleanup activities

District 1 HAZMAT has demobilized, as have of the mutual aide fire companies. Rehoboth Fire will remain on scene to manage any remaining hot spots or flare ups.

MassDEP has not requested additional assistance for monitoring or sampling from EPA.

2.1.2 Response Actions to Date

Refer to previous section

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

N/A

2.1.4 Progress Metrics

N/A

<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

N/A

2.2.1.1 Planned Response Activities

N/A

2.2.1.2 Next Steps

N/A

2.2.2 Issues

N/A

2.3 Logistics Section

N/A

2.4 Finance Section

2.4.1 Narrative

N/A

2.5 Other Command Staff

2.5.1 Safety Officer

N/A

2.6 Liaison Officer

N/A

2.7 Information Officer

2.7.1 Public Information Officer

N/A

2.7.2 Community Involvement Coordinator

N/A

3. Participating Entities

3.1 Unified Command

Rehoboth Fire Chief
District 1 Hazmat Chief
MassDEP
EPA

3.2 Cooperating Agencies

N/A

4. Personnel On Site

District 1 Hazmat
Rehoboth FD
Norton FD
Swansea FD
Canton FD
Somerset FD
Berkley FD
State Fire Marshal
State Police Criminal Investigators
Local Police Department
Rehoboth Board of Health
Mass Department of Public Safety
EPA
Weston Solutions (EPA contractor)
MassDEP
MassDEP Fast Tack Lab
Moran Environmental (RP contractor)

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