

**United States Environmental Protection Agency  
Region V  
POLLUTION REPORT**

**Date:** Friday, August 20, 2004

**From:** Steven Renninger

**To:**

Linda Nachowicz, EPA	Jason El-Zein, EPA-R5
Dave Combs, Ohio EPA	Dale Farmer, Ohio EPA
Patricia Schultz, EPA	Kevin Clouse, Ohio EPA
David Chung, EPA	Charlie Perry, Greater Cincinnati Hazmat
Don Maccarone, Hamilton County	Bonnie Phillips, City of Cincinnati
Duane Herth, Cincinnati Fire Department	Dana Stalcup, U.S. EPA
Carol Ropski, U.S. EPA	Nola Hicks, U.S. EPA
Steven Ostrodka, U.S. EPA	Afif Marouf, U.S. EPA
Mick Hans, U.S. EPA	Stuart Hill, U.S. EPA
Ginny Narsete, U.S. EPA	Tracy Johnson, U.S. EPA
Scott Shane, Ohio EPA	Rick Schriewer, City of Cincinnati
Marshall Hill, ATF	Dan Rottmueller, CFD
Dan Wolf, CFD	Chris Hall, MSD
Distribution List, National Response Center	

**Subject:** Initial POLREP  
Queen City Barrel Fire  
1937 South Street, Cincinnati, OH  
Latitude: 39.1075000  
Longitude: -84.5510000

<b>POLREP No.:</b>	1	<b>Site #:</b>	R5ZZ
<b>Reporting Period:</b>		<b>D.O. #:</b>	
<b>Start Date:</b>	8/19/2004	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>	8/19/2004	<b>Response Type:</b>	Emergency
<b>Demob Date:</b>		<b>NPL Status:</b>	
<b>Completion Date:</b>		<b>Incident Category:</b>	
<b>CERCLIS ID #:</b>		<b>Contract #</b>	
<b>RCRIS ID #:</b>			

#### Site Description

At approximately 1830, a fire ignited at the Queen City Barrel Company (Queen City) on Evans Street, Cincinnati, Hamilton County, Ohio. The fire originated in a drum storage area at the Queen City barrel recycling facility. Approximately 20,000 55-gallon drums were stored in the barrel storage area that ignited. The City of Cincinnati Fire Department responded to the five alarm fire. The Cincinnati Chemical Air Monitoring (CAM) Team was also activated for downwind air monitoring. The Cincinnati Health Department recommended a shelter in place advisory for neighboring City of Cincinnati residents from approximately 2100-2400 hours.

#### Current Activities

At 1930, U.S. EPA OSC Steve Renninger was paged by the CAM team asking for air monitoring assistance. OSC Renninger activated Tetra Tech START to assist with air monitoring. The CAM team and START performed air monitoring at various locations throughout the City of Cincinnati. A summary of air monitoring results is provided below:

Instrument	Location	Date	Time	Result	Units	Operator	Location	Description
FID 1		8/19/2004	2050	5	ppm	CAM	8th and Depot	
RAE 1		8/19/2004	2050	300	ppb	CAM	8th and Depot	
PID 2		8/19/2004	2100	4.7	ppm	START	Edwards and Observatory	
FID 3		8/19/2004	2139	4.7	ppm	CAM		
PID 3		8/19/2004	2139	1.7	ppm	CAM		

PID 4 8/19/2004 2146 0 ppm START University Hospital  
 FID 5 8/19/2004 2150 1.17 ppm CAM  
 FID 6 8/19/2004 2150 1.28 ppm CAM  
 FID 7 8/19/2004 2150 1.5 ppm CAM  
 FID 8 8/19/2004 2150 1.4 ppm CAM  
 RAE 7 8/19/2004 2150 315 ppb CAM  
 RAE 8 8/19/2004 2150 218 ppb CAM  
 RAE 6 8/19/2004 2150 178 ppb CAM  
 RAE 5 8/19/2004 2150 159 ppb CAM  
 PID 9 8/19/2004 2158 0 ppm START Deaconess Hospital  
 PID 10 8/19/2004 2234 0 ppm START Sawyer Point  
 FID 11 8/19/2004 2259 0 ppm START 2nd and Race Street

The Cincinnati CAM Team coordinated with the National Atmospheric Release Advisory Center (NARAC) to generate real time wind plume models.

At 2200, U.S. EPA Emergency Response Team (ERT) mobilized to the site with the ERT mobile command post. ERT members John Gilbert, Greg Powell and contractors from General Dynamics also mobilized to the site to provide air monitoring support.

At 0130 on Aug 20, the fire was under control. Area streets were reopened by local response agencies.

**Next Steps**

1. The Cincinnati Fire Department requested assistance from U.S. EPA to obtain samples from the fire area on Aug 23.

**Estimated Costs \***

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	\$0.00	\$0.00	\$0.00	0.00%

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

[response.epa.gov/queencitybarrel](http://response.epa.gov/queencitybarrel)

POLREP #1 Last Updated 9/1/2004