

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

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

**From:** Steven Renninger

<b>To:</b>	Linda Nachowicz, EPA	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.

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