

**Daily Report**

**June 17, 2010**

**Power City Warehouse Phase 2 Removal Action Site  
3123 Highland Ave  
Niagara Falls, Niagara County, New York**

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Prepared by:

Removal Support Team 2  
Weston Solutions, Inc.  
Northeast Division  
Edison, New Jersey

Prepared for

U. S. Environmental Protection Agency  
Region II – Removal Action Branch  
186 Exchange Street  
Buffalo, NY 14204

**Power City Warehouse Phase 2 Removal Action Site**  
3123 Highland Ave  
Niagara Falls, Niagara County, New York

**DAILY WEATHER SUMMARY**

**June 17, 2010**

<b>TEMPERATURE</b> (°F)	<b>PRECIPITATION</b> (In)	<b>WIND SPEED</b> (mph)	<b>WIND DIRECTION</b> (direction from)	<b>RELATIVE HUMIDITY</b> (Daily Average) (%)
<u>High</u> 73 <u>Low</u> 57	0	<u>High</u> 18 <u>Average</u> 8.3	<u>High</u> NW <u>Highest Gust</u> NW	70

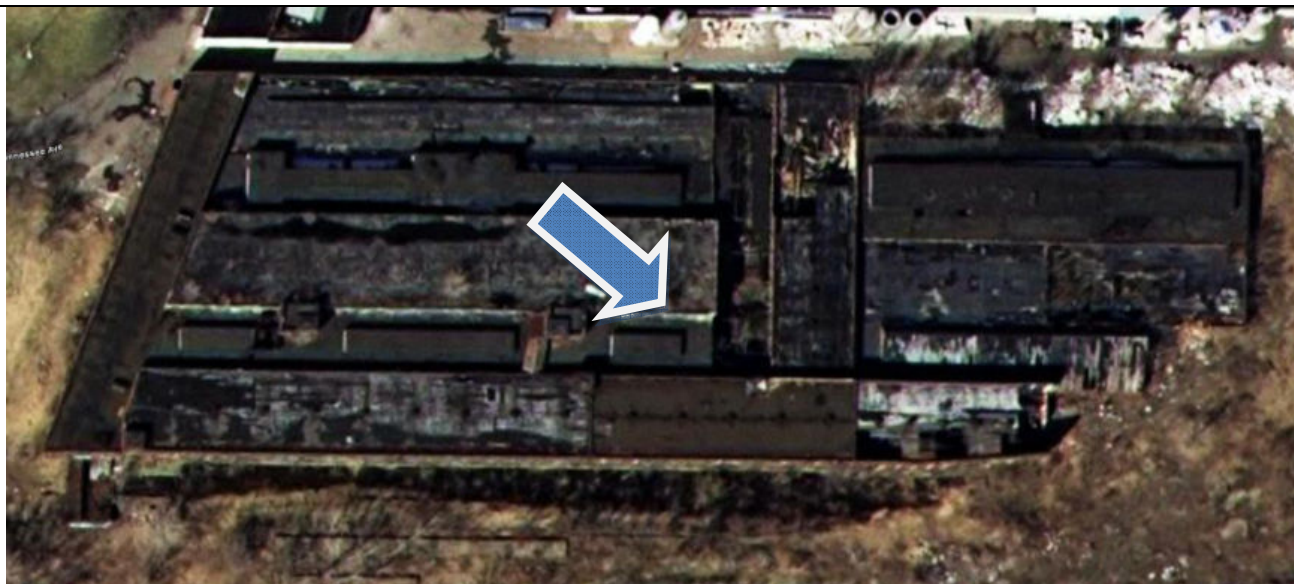
Source: <http://www.weather.gov/>

**REMOVAL ACTIVITY SUMMARY**

The Environmental Protection Agency (EPA)'s Emergency and Rapid Response Services (ERRS) Contractor, KEMROM Environmental Services, continued constructing the decontamination area in corridor B and completed construction of doors around Site. The site was secured at the end of the shift.

The EPA's Removal Support Team 2 (RST 2) Contractor, Weston Solutions, Inc., performed oversight of the ERRS Contractor, site documentation, and air sampling. Four air samples were collected for Phase Contrast Microscopy (PCM) Asbestos analysis using a 25 mm, 0.45µm Mixed Cellulose Ester Filter (MCEF) cassette dedicated to each location. Four air samples, were collected for Resource Conservation and Recovery Act (RCRA) Metals analysis using a 37 mm, 0.8 µm MCEF cassette dedicated to each location. Air was drawn through the filter media using an SKC PCXR8 programmable pump. The pumps were calibrated before and after each sampling event using a BIOS dry cell calibrator. A minimum flow rate of 2 Liters per minute (L/min) was used for each Asbestos and RCRA Metals sample collected. Sample management was performed using EPA's Scribe software. Asbestos and Lead data will be reviewed against site action levels upon receipt from the laboratory.

## Prevailing Wind Direction (6/17/10)



Note: Prevailing Wind Direction – From Northwest to Southeast



**Weston Solutions, Inc.**  
Northeast Division

**FIGURE 1:** Satellite Map with wind direction  
6/17/2010

IN ASSOCIATION WITH  
SCIENTIFIC AND ENVIRONMENTAL ASSOCIATES, INC.,  
INNOVATIVE TECHNICAL SOLUTIONS, INC. AND  
AVATAR ENVIRONMENTAL, LLC

Power City Warehouse Phase 2 Removal Action Site  
Niagara Falls, New York

U.S ENVIRONMENTAL PROTECTION AGENCY  
REMOVAL SUPPORT TEAM 2  
CONTRACT # EP-W-06-072

EPA OSC

Kevin Matheis

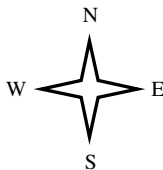

RST2 SPM

Kristen Sharp

## Air Sampling Locations for 6/17/2010



**KEY:**  Location of SKC Pumps / Sample IDs (Refer to Page 5 for details)  First Floor  Second Floor  Third Floor

	 <p><b>Weston Solutions, Inc.</b> Northeast Division</p> <p>IN ASSOCIATION WITH SCIENTIFIC AND ENVIRONMENTAL ASSOCIATES, INC., INNOVATIVE TECHNICAL SOLUTIONS, INC. AND AVATAR ENVIRONMENTAL SOLUTIONS, LLC</p>	<b>FIGURE 2:</b> Air Sample Locations for 6/17/2010	
		Power City Warehouse Phase 2 Removal Action Site Niagara Falls, New York	
		U.S ENVIRONMENTAL PROTECTION AGENCY REMOVAL SUPPORT TEAM 2 CONTRACT # EP-W-06-072	
		EPA OSC	Kevin Matheis
		RST 2 SPM	Kristen Sharp

### Air Monitoring and Sampling Results

\*PRELIMINARY DATA - MAY BE SUBJECT TO FURTHER VALIDATION.  
SAMPLE RESULTS FROM LABORATORY ARE KEPT AT THE SITE.

**June 17, 2010**

Sample ID	Area / Location	Analysis	Result Asbestos (fibers/cc) * Lead (ug/m <sup>3</sup> ) **
AAM-105-61710-001	Station AA-105 in room D entrance of stairway first floor	RCRA Metals	<0.48
AAM-201-61710-001	Station AA-201 in room K center of second floor	RCRA Metals	<0.51
AAM-202-61710-001	Station AA-202 in room K entrance of stairway second floor	RCRA Metals	<0.49
AAM-302-61710-001	Station AA-302 in room L entrance of stairway third floor	RCRA Metals	<0.48
AAA-105-61710-001	Station AA-105 in room D entrance of stairway first floor	PCM Asbestos	<0.003
AAA-201-61710-001	Station AA-201 in room K center of second floor	PCM Asbestos	<0.003
AAA-202-61710-001	Station AA-202 in room K entrance of stairway second floor	PCM Asbestos	<0.003
AAA-302-61710-001	Station AA-302 in room L entrance of stairway third floor	PCM Asbestos	<0.003

Notes: ND= Not Detected

\* OSHA Permissible Exposure Limit (PEL) for asbestos = 0.1 fiber/cm<sup>3</sup> using an 8-hour Time-Weighted Average (TWA).

\*\* OSHA PEL for lead = 50 ug/m<sup>3</sup> using an 8-hour TWA.

**Contact Phone: 808 565 2974**

**Lab Phone: 716 651 0030**

Special Instructions: TAT of 24 Hours for PEM. IF SAMPLE EXCEEDS 0.1 F/CC THAN RUN TEM NIOSH 7402 ANALYSIS	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

[illegible]

**RFP#132**

**WESTON SOLUTIONS**

**1090 KING GEORGES POST RD #201**

**EDISON, NJ 08837**

## CHAIN OF CUSTODY RECORD

**POWER CITY WAREHOUSE TRACT #1**

**Contact Name: Kristen Sharp**

**Contact Phone: 908 565 2974**

**No: TO-0013-0199-06/17/10-0012**

Cooler #: 1

**Lab: EMSL ANALYTICAL**

**Lab Phone: 800 220 3675**

[illegible]

Special Instructions: TAT 24 hours	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

[illegible]