

PUBLIC BUILDING COMMISSION OF CHICAGO
 MICHAEL REESE HOSPITAL ABATEMENT AND DEMOLITION
 AMBIENT AIR QUALITY MONITORING RESULTS
 WEEK OF: **April 4, 2011**

Sample Location		Monday April 4			Tuesday April 5			Wednesday April 6			Thursday April 7			Friday April 8		
		Respirable Dust ($\mu\text{g}/\text{m}^3$) ^a	Asbestos (s/cc) ^b	Lead ($\mu\text{g}/\text{m}^3$)	Respirable Dust ($\mu\text{g}/\text{m}^3$)	Asbestos (s/cc)	Lead ($\mu\text{g}/\text{m}^3$)	Respirable Dust ($\mu\text{g}/\text{m}^3$)	Asbestos (s/cc)	Lead ($\mu\text{g}/\text{m}^3$)	Respirable Dust ($\mu\text{g}/\text{m}^3$)	Asbestos (s/cc)	Lead ($\mu\text{g}/\text{m}^3$)	Respirable Dust ($\mu\text{g}/\text{m}^3$)	Asbestos (s/cc)	Lead ($\mu\text{g}/\text{m}^3$)
Perimeter	North	19	<0.006	<0.55	23.8	<0.006	<0.53	65.1	<0.006	<0.55	31.4	<0.006	<0.55	10.8	<0.006	<0.55
	East	**	<0.005	<0.45	13.3	<0.005	<0.45	39.1	<0.005	<0.45	27.3	<0.005	<0.45	13.2*	<0.005	<0.45
	South	29	<0.006	<0.53	19.1	<0.006	<0.53	39.9	<0.006	<0.53	36.3	<0.006	<0.53	12.1	<0.006	<0.53
	West	28.7	<0.006	<0.49	5.45	<0.006	<0.5	7.1	<0.006	<0.45	11.3	<0.006	<0.49	3.66	<0.006	<0.49
Sensitive Receptors	Advocate Health	46.8	<0.005	<0.45	23.2	<0.005	<0.45	79.2	<0.005	<0.45	33.3	<0.005	<0.45	21.2	<0.005	<0.45
	Drake Elementary School	35.4	<0.005	<0.45	20.9	<0.005	<0.45	25.8	<0.005	<0.45	31.1	<0.005	<0.45	18.6	<0.005	<0.45
	Prairie Shores Apartments	21.9	<0.005	<0.45	7.33	<0.005	<0.45	1.9	<0.005	<0.45	<0.16	<0.005	<0.45	3.04	<0.005	<0.45
	Pershing Elementary School	56.1	<0.005	<0.46	12.8	<0.005	<0.45	51.7	<0.005	<0.46	33.7*	<0.005	<0.46	19.5	<0.005	<0.46

Comments: *Damaged Filter

**Sample could not be read due to torn filter.

Notes: a – $\mu\text{g}/\text{m}^3$ denotes micrograms per cubic meter; b – s/cc denotes structures per cubic centimeter

Target Levels: Respirable Dust - $150 \mu\text{g}/\text{m}^3$, Asbestos - 0.02 s/cc, Lead $1.5 \mu\text{g}/\text{m}^3$ (when expressed as U.S. EPA standards the respirable dust is a 24-hour average and the lead is a quarterly average measured 24 hours per day)