

PUBLIC BUILDING COMMISSION OF CHICAGO
 MICHAEL REESE HOSPITAL ABATEMENT AND DEMOLITION
 AMBIENT AIR QUALITY MONITORING RESULTS
 WEEK OF: **May 23, 2011**

Sample Location		Monday May 23			Tuesday May 24			Wednesday May 25			Thursday May 26			Friday May 27		
		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	45.8	<0.006	<0.48	50.6	0.005	<0.47	8.7*	<0.006	<0.48	3.77*	<0.006	<0.48	9.74	<0.006	<0.48
	East	61.8	<0.005	<0.41	23.1	<0.005	<0.41	14.3	<0.005	<0.41	11.2*	<0.005	<0.41	8.11*	<0.005	<0.41
	South	50.7	<0.005	<0.47	11*	<0.005	<0.47	10.4	<0.005	<0.47	22.9*	<0.006	<0.48	6.05*	<0.006	<0.48
	West	57.4	<0.005	<0.44	18.4	<0.005	<0.44	28.5	<0.005	<0.44	7.43	<0.005	<0.45	<0.16*	<0.005	<0.45
Sensitive Receptors	Advocate Health	42	<0.005	<0.41	20.8	<0.005	<0.41	22.8	<0.005	<0.41	37.7	<0.005	<0.41	19.3	<0.005	<0.41
	Drake Elementary School	21.6	<0.005	<0.41	15.5	<0.005	<0.41	29.5	<0.005	<0.41	11.3	<0.005	<0.41	7.9	<0.005	<0.41
	Prairie Shores Apartments	27	<0.005	<0.41	14*	<0.005	<0.41	17.3	<0.005	<0.41	<0.15*	<0.005	<0.41	5.25*	<0.005	<0.41
	Pershing Elementary School	23.2	<0.005	<0.41	19.2*	<0.005	<0.41	20.6	<0.005	<0.41	10.8	<0.005	<0.41	8.34	<0.005	<0.41

Comments: *Damaged 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)