

PUBLIC BUILDING COMMISSION OF CHICAGO
 MICHAEL REESE HOSPITAL ABATEMENT AND DEMOLITION
 AMBIENT AIR QUALITY MONITORING RESULTS
 WEEK OF: January 10, 2011

Sample Location		Monday January 10			Tuesday January 11			Wednesday January 12			Thursday January 13			Friday January 14		
		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	133	-	-	57.4	-	-	<0.33	-	-	8.85	-	-	62.5	-	-
	East	68	-	-	6.76*	-	-	30.3	-	-	45.8	-	-	46.4	-	-
	South	*	-	-	12.5	-	-	32.2	-	-	63.6*	-	-	108	-	-
	West	70.4	-	-	22.1	-	-	1.12	-	-	45.5	-	-	65.3	-	-
Sensitive Receptors	Advocate Health	56.3	-	-	7.79	-	-	18.3	-	-	41.3	-	-	51.9	-	-
	Drake Elementary School	75.3	-	-	9.18	-	-	13	-	-	40.3	-	-	63.8	-	-
	Prairie Shores Apartments	76.1	<0.005	<0.45	8.11	-	-	17.4	-	-	58.1	-	-	86.8	-	-
	Pershing Elementary School	100*	-	-	9.01*	-	-	19.1	-	-	44.3	-	-	54.7*	-	-

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)