

DRAFT

PUBLIC BUILDING COMMISSION OF CHICAGO
MICHAEL REESE HOSPITAL ABATEMENT AND DEMOLITION
AMBIENT AIR QUALITY MONITORING RESULTS
WEEK OF: **May 30, 2011**

Sample Location		Monday May 30			Tuesday May 31			Wednesday June 1			Thursday June 2			Friday June 3		
		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				15.9	<0.006	<0.48	13.9	<0.006	<0.48	19.6	<0.006	<0.48			
	East				36	<0.005	<0.41	24.7*	<0.005	<0.41	16.4	<0.005	<0.41			
	South				80.1*	<0.005	<0.47	19.3	<0.005	<0.45	17	<0.005	<0.47			
	West				80.2	<0.005	<0.43	97.5*	<0.005	<0.44	39	<0.005	<0.44			
Sensitive Receptors	Advocate Health				14.4	<0.005	<0.41	6.51	<0.005	<0.41	11.5	<0.005	<0.41			
	Drake Elementary School				10.6	<0.005	<0.41	28.8	<0.005	<0.41	25.7	<0.005	<0.41			
	Prairie Shores Apartments				32.5*	<0.005	<0.41	33.8*	<0.005	<0.41	20.5	<0.005	<0.41			
	Pershing Elementary School				48	<0.005	<0.41	35.7	<0.005	<0.41	0.869	<0.005	<0.41			
		No Samples Due to Holiday												No Samples Collected		

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)