DRAFT

PUBLIC BUILDING COMMISSION OF CHICAGO
MICHAEL REESE HOSPITAL ABATEMENT AND DEMOLITION
AMBIENT AIR QUALITY MONITORING RESULTS
WEEK OF: <u>**January 24, 2010**</u>

Sample Location		Monday January 24			Tuesday January 25			Wednesday January 26			Thursday January 27			Friday January 28		
		Respirable Dust $(\mu g/m^3)^a$	Asbestos $(s/cc)^b$	Lead $(\mu g/m^3)$	Respirable Dust $(\mu g/m^3)$	Asbestos (s/cc)	Lead $(\mu g/m^3)$	Respirable Dust $(\mu g/m^3)$	Asbestos (s/cc)	Lead $(\mu g/m^3)$	Respirable Dust $(\mu g/m^3)$	Asbestos (s/cc)	Lead $(\mu g/m^3)$	Respirable Dust $(\mu g/m^3)$	Asbestos (s/cc)	Lead $(\mu g/m^3)$
Perimeter	North	45.8			52.5			34.1			2.59			<0.18*		
	East	43.1			61.3			52.1			17.5*			32.5		
	South	54.3			64.2*			42.6			6.44			7.89		
	West	51.4			58.7			14.9			5.17			1.1		
Sensitive Receptors	Advocate Health	26.2			268			53.4			14.4			29.9		
	Drake Elementary School	43.6			62.1			39.5			21.9			28.2		
	Prairie Shores Apartments	39.4			60.5*			41.7			20.7			37		
	Pershing Elementary School	44.6			58.7*			40.7			17.5			32.3		

Comments: *Damaged Filter

Notes: a – $\mu g/m^3$ denotes micrograms per cubic meter; b – s/cc denotes structures per cubic centimeter
Target Levels: Respirable Dust - 150 $\mu g/m^3$, Asbestos - 0.02 s/cc, Lead 1.5 $\mu g/m^3$ (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)