

DRAFT

PUBLIC BUILDING COMMISSION OF CHICAGO
MICHAEL REESE HOSPITAL ABATEMENT AND DEMOLITION
AMBIENT AIR QUALITY MONITORING RESULTS
WEEK OF: **December 20, 2010**

Sample Location		Monday December 20			Tuesday December 21			Wednesday December 22			Thursday December 23			Friday December 24		
		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							-	-	-	-	-	-			
	East							4.09	<0.007	<0.76	4.94	<0.005	<0.56			
	South							-	-	-	-	-	-			
	West							9.2	<0.007	<0.76	24.9	<0.005	<0.56			
Sensitive Receptors	Advocate Health							<0.2	<0.007	<0.77	39.9	<0.005	<0.56			
	Drake Elementary School							-	-	-	-	-	-			
	Prairie Shores Apartments							-	-	-	-	-	-			
	Pershing Elementary School							-	-	-	-	-	-			
No Samples Collected No Site Work Due to Holiday																

Comments: _____

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)