

PUBLIC BUILDING COMMISSION OF CHICAGO
 MICHAEL REESE HOSPITAL ABATEMENT AND DEMOLITION
 AMBIENT AIR QUALITY MONITORING RESULTS
 WEEK OF: April 11, 2011

Sample Location		Monday April 11			Tuesday April 12			Wednesday April 13			Thursday April 14			Friday April 15		
		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	29.2	<0.006	<0.55	24.8	<0.006	<0.53	98.3	<0.006	<0.53	90.2	<0.006	<0.54	77.7	<0.006	<0.54
	East	12.4	<0.005	<0.45	15.7	<0.005	<0.45	56.7	<0.005	<0.45	11.5*	<0.005	<0.45	0.318	<0.005	<0.45
	South	23.7	<0.006	<0.53	2.45	<0.006	<0.53	24.6	<0.006	<0.53	5.28	0.006	<0.53	28.2	<0.006	<0.53
	West	34.7	<0.006	<0.49	<0.17	<0.006	<0.49	12.5	<0.006	<0.5	34.6	<0.006	<0.49	30.2	<0.006	<0.49
Sensitive Receptors	Advocate Health	19.4	<0.005	<0.45	14.9	<0.005	<0.45	66.3	<0.005	<0.45	4.62	<0.005	<0.45	23.5	<0.005	<0.45
	Drake Elementary School	21.2	<0.005	<0.45	9.96	<0.005	<0.45	64	<0.005	<0.45	4.8	<0.005	<0.45	22.7	<0.005	<0.45
	Prairie Shores Apartments	12	<0.005	<0.45	2.07	<0.005	<0.45	28.1	<0.005	<0.45	19.4	<0.005	<0.45	21.1*	<0.005	<0.45
	Pershing Elementary School	19.3*	<0.005	<0.46	22.7	<0.005	<0.45	43.8*	<0.005	<0.45	0.641	<0.005	<0.45	<0.16*	<0.005	<0.45

Comments: *Damaged Filter

Underground utility work proceeding outside site perimeter on 31st street.

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)