

PUBLIC BUILDING COMMISSION OF CHICAGO
 MICHAEL REESE HOSPITAL ABATEMENT AND DEMOLITION
 AMBIENT AIR QUALITY MONITORING RESULTS
 WEEK OF: **November 30, 2009**

Sample Location		Monday November 30			Tuesday December 1			Wednesday December 2			Thursday December 3			Friday December 4		
		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	9.2	<0.004	<0.49	19	<0.004	<0.47	33.7	<0.0042	<0.48	15.8	<0.0046	<0.49	22.9	<0.0043	<0.47
	East	9.98	<0.004	<0.47	56.9	<0.004	<0.47	108*	0.0048	<0.47	55.5	<0.0043	<0.46	205	<0.0042	<0.5
	South	29.3	<0.004	<0.47	70.4	<0.004	<0.47	54.9	0.0140	<0.46	37.9	<0.0043	<0.46	80.4	<0.0043	<0.46
	West	16.5	<0.004	<0.47	20.3	<0.004	<0.47	60	<0.0048	<0.46	5.61	<0.0043	<0.47	13.9	<0.0042	<0.46
Sensitive Receptors	Advocate Health	5.48	<0.004	<0.47	20.9	<0.004	<0.49	20.4*	<0.0048	<0.46	3.13	<0.0043	<0.47	21.5	<0.0043	<0.47
	Drake Elementary School	16.6	<0.004	<0.47	27.7	<0.004	<0.43	32.3	<0.0048	<0.46	5.57	<0.0043	<0.46	6.11	<0.0043	<0.47
	Prairie Shores Apartments	5.27	<0.004	<0.47	16	<0.004	<0.49	40.5	<0.0048	<0.46	2.97	<0.0043	<0.47	6.23	<0.0043	<0.46
	Pershing Elementary School	20.8	<0.004	<0.47	21.8	<0.004	<0.49	36.9	<0.0048	<0.46	19.6	<0.0043	<0.46	2.8	<0.0043	<0.46

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)

DRAFT

PUBLIC BUILDING COMMISSION OF CHICAGO
MICHAEL REESE HOSPITAL ABATEMENT AND DEMOLITION
AMBIENT AIR QUALITY MONITORING RESULTS
WEEK OF: **November 23, 2009**

Sample Location		Monday November 23			Tuesday November 24			Wednesday November 25			Thursday November 26			Friday November 27					
		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	51.4	<0.005	<0.5	46.4	<0.004	<0.49	5.13	<0.005	<0.5	No Samples Collected	No Samples Collected	No Samples Collected	<0.18	<0.005	<0.5			
	East	56.6	<0.004	<0.47	43.5	<0.004	<0.47	25.1	<0.004	<0.47				19.1	<0.004	<0.47			
	South	45.9	<0.004	<0.46	43.7	<0.004	<0.46	32.1	<0.004	<0.47				<0.17	<0.004	<0.47			
	West	46.5	<0.004	<0.46	33.0	<0.004	<0.46	4.8	<0.004	<0.47				<0.17	<0.004	<0.47			
Sensitive Receptors	Advocate Health	44.2	<0.004	<0.46	41.5	<0.004	<0.46	12.8	<0.004	<0.47				2.66	<0.004	<0.47	No Sample		
	Drake Elementary School	58.2	<0.004	<0.47	47.6	<0.004	<0.46	7.72	<0.004	<0.46									
	Prairie Shores Apartments	40	<0.004	<0.46	32.0	<0.004	<0.47	10.4	<0.004	<0.47				<0.17	<0.004	<0.47			
	Pershing Elementary School	54.1	<0.004	<0.46	40.7	<0.004	<0.46	9.72	<0.004	<0.47				12.4	<0.004	<0.47			

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)

PUBLIC BUILDING COMMISSION OF CHICAGO
 MICHAEL REESE HOSPITAL ABATEMENT AND DEMOLITION
 AMBIENT AIR QUALITY MONITORING RESULTS
 WEEK OF: **November 16, 2009**

Sample Location		Monday November 16			Tuesday November 17			Wednesday November 18			Thursday November 19			Friday November 20		
		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	29.3	<0.005	<0.51	24.4	<0.005	<0.5	34.7	N/A - Wet	<0.51	9.14	<0.005	<0.51	16.1*	<0.005	<0.50
	East	41.3	<0.005	<0.47	34.5	<0.004	<0.46	36.5	<0.005	<0.46	18.6	<0.004	<0.46	57.2	<0.004	<0.47
	South	15.5	<0.005	<0.46	17.5	<0.004	<0.46	32	N/A - Wet	<0.46	18.0	<0.004	<0.46	97.5	0.004	<0.46
	West	23.6	<0.005	<0.47	19.1	<0.004	<0.46	19.6	0.005	<0.46	3.1*	<0.004	<0.46	129*	<0.004	<0.46
Sensitive Receptors	Advocate Health	4.28*	<0.005	<0.47	9.38	<0.004	<0.46	30	<0.005	<0.46	11.2	<0.005	<0.5	54.8	<0.004	<0.47
	Drake Elementary School	14.1	<0.005	<0.46	20.7	<0.004	<0.46	34.3	<0.005	<0.46	11.6	<0.005	<0.5	64.6*	<0.004	<0.47
	Prairie Shores Apartments	16	<0.005	<0.47	25.6	<0.004	<0.46	33.4	<0.005	<0.46	8.75	<0.004	<0.46	23.1	<0.004	<0.46
	Pershing Elementary School	13.4	<0.005	<0.46	10.8	<0.004	<0.46	32.9	<0.005	<0.46	9.67	<0.005	<0.51	60.4	<0.004	<0.46

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)

PUBLIC BUILDING COMMISSION OF CHICAGO
 MICHAEL REESE HOSPITAL ABATEMENT AND DEMOLITION
 AMBIENT AIR QUALITY MONITORING RESULTS
 WEEK OF: **November 16, 2009**

Sample Location		Monday November 16			Tuesday November 17			Wednesday November 18			Thursday November 19			Friday November 20		
		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	29.3	<0.005	<0.51	24.4	<0.005	<0.5	34.7	N/A - Wet	<0.51	9.14	<0.005	<0.51	16.1*	<0.005	<0.50
	East	41.3	<0.005	<0.47	34.5	<0.004	<0.46	36.5	<0.005	<0.46	18.6	<0.004	<0.46	57.2	<0.004	<0.47
	South	15.5	<0.005	<0.46	17.5	<0.004	<0.46	32	N/A - Wet	<0.46	18.0	<0.004	<0.46	97.5	0.004	<0.46
	West	23.6	<0.005	<0.47	19.1	<0.004	<0.46	19.6	0.005	<0.46	3.1*	<0.004	<0.46	129*	<0.004	<0.46
Sensitive Receptors	Advocate Health	4.28*	<0.005	<0.47	9.38	<0.004	<0.46	30	<0.005	<0.46	11.2	<0.005	<0.5	54.8	<0.004	<0.47
	Drake Elementary School	14.1	<0.005	<0.46	20.7	<0.004	<0.46	34.3	<0.005	<0.46	11.6	<0.005	<0.5	64.6*	<0.004	<0.47
	Prairie Shores Apartments	16	<0.005	<0.47	25.6	<0.004	<0.46	33.4	<0.005	<0.46	8.75	<0.004	<0.46	23.1	<0.004	<0.46
	Pershing Elementary School	13.4	<0.005	<0.46	10.8	<0.004	<0.46	32.9	<0.005	<0.46	9.67	<0.005	<0.51	60.4	<0.004	<0.46

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)

DRAFT

PUBLIC BUILDING COMMISSION OF CHICAGO
MICHAEL REESE HOSPITAL ABATEMENT AND DEMOLITION
AMBIENT AIR QUALITY MONITORING RESULTS
WEEK OF: **November 9, 2009**

Sample Location		Monday November 9			Tuesday November 10			Wednesday November 11			Thursday November 12			Friday November 13		
		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	59.4	<0.005	<0.51	16.8	<0.005	<0.51	16	<0.005	<0.5	61.5	<0.005	<0.83	48.1	<0.005	<0.51
	East	104	<0.005	<0.46	22.9	<0.005	<0.46	25.2	<0.005	<0.46	79.7*	<0.005	<0.47	111	<0.005	<0.46
	South	59.7	<0.005	<0.46	16.3	<0.005	<0.46	6.04	<0.005	<0.46	45.8	<0.005	<0.46	47.4	<0.005	<0.46
	West	71.7	<0.005	<0.46	49	<0.005	<0.46	34.5	<0.005	<0.46	56.4*	<0.005	<0.46	44.7	<0.005	<0.46
Sensitive Receptors	Advocate Health	40.7	<0.005	<0.46	11.9	<0.005	<0.46	0.165*	<0.005	<0.47	39.7	<0.005	<0.46	34.3	<0.005	<0.46
	Drake Elementary School	57.3	<0.005	<0.47	16.7	<0.005	<0.46	No Sample			56.5	<0.005	<0.46	57.1	<0.005	<0.46
	Prairie Shores Apartments	46.2	<0.005	<0.46	29.7	<0.005	<0.46	9.45	<0.005	<0.47	41.1	<0.005	<0.46	34.6	<0.005	<0.46
	Pershing Elementary School	52	<0.005	<0.47	18.6	<0.005	<0.46	7.73	<0.005	<0.46	47.2	<0.005	<0.46	46.3	<0.005	<0.46

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)

PUBLIC BUILDING COMMISSION OF CHICAGO
 MICHAEL REESE HOSPITAL ABATEMENT AND DEMOLITION
 AMBIENT AIR QUALITY MONITORING RESULTS
 WEEK OF: **November 2, 2009**

Sample Location		Monday November 2			Tuesday November 3			Wednesday November 4			Thursday November 5			Friday November 6		
		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	39.3	<0.005	<0.51	11.8	<0.005	<0.51	39.2	<0.005	<0.51	36	<0.005	<0.5	<0.16	<0.005	<0.46
	East	52.9	<0.005	<0.46	51.7	0.005	<0.47	64.3	<0.005	<0.47	87.8	<0.005	<0.47	139	<0.005	<0.47
	South	59.5	0.005	<0.46	22.8	<0.005	<0.46	38.7	<0.005	<0.46	79.8	<0.005	<0.46	96.4	<0.005	<0.46
	West	0.327*	<0.005	<0.46	26.1*	<0.005	<0.46	47.4	<0.005	<0.46	18.8	<0.005	<0.46	43	<0.005	<0.46
Sensitive Receptors	Advocate Health	28.1	<0.005	<0.46	8.22	<0.005	<0.46	<0.16*	<0.005	<0.46	30.9	<0.005	<0.47	58.8	<0.005	<0.47
	Drake Elementary School	41.9	<0.005	<0.47	18.6	<0.005	<0.46	43.1	<0.005	<0.46	41.9	<0.005	<0.47	77.6	<0.005	<0.47
	Prairie Shores Apartments	29.9	<0.005	<0.46	22.2	<0.005	<0.46	40.2	<0.005	<0.46	30.3	<0.005	<0.46	44.8	<0.005	<0.47
	Pershing Elementary School	41.9	<0.005	<0.47	21.4	<0.005	<0.46	33.4	<0.005	<0.46	41.3	0.005	<0.47	118	<0.005	<0.47

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 an annual average and the lead is a quarterly average, both measured 24 hours per day)