

# Minnesota Department Of Health - Environmental Laboratory

## Final Report - Client Copy - Report Of Analytical Results

Program: PA

Date Received: 19-SEP-2008

Program Name: MPCA AIR QUALITY

Date Generated: 30-SEP-2008

Request Number: 336652

Request Page: 1 of 3

Samples: 200829401 - 200829403

Date Reported: 30-SEP-2008

**From: MN POLLUTION CONTROL AGENCY  
520 LAFAYETTE  
ST. PAUL, MN 55155**

Sample No: 200829401

Receiving Comments: -

<u>Coll Date</u>	<u>Coll Time</u>	<u>Site Number/Desc</u>
29-JUL-2008	-	7013

\*\*\*\*\* SAMPLE RESULTS \*\*\*\*\*

Unit: ADMINISTRATIVE

Reviewed By MLK on 30-SEP-08

	Result Codes	Result	Rept Level	Units	Analysis Date								
920 Fibers in Air by TEM -MDH					23-SEP-08								
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Number Of Fibers</th> <th colspan="2" style="text-align: center;">95% Confidence Interval Concentration</th> <th style="text-align: center;">Units</th> </tr> <tr> <td></td> <th style="text-align: center;">Lower Limit</th> <th style="text-align: center;">Upper Limit</th> <td></td> </tr> </thead> </table>		Number Of Fibers	95% Confidence Interval Concentration		Units		Lower Limit	Upper Limit		
Number Of Fibers	95% Confidence Interval Concentration		Units										
	Lower Limit	Upper Limit											
Total Amphibole	8	5,656	2,443	11,142	Fibers/m3								
Grunerite/Cummingtonite Amphibole	4	2,828	769	7,240	Fibers/m3								
Actinolite Amphibole	4	2,828	769	7,240	Fibers/m3								
Tremolite Amphibole		0	0	2,609	Fibers/m3								
Hornblende Amphibole		0	0	2,609	Fibers/m3								
Other Amphiboles/Ambiguous Chemistry		0	0	2,609	Fibers/m3								
Chrysotile		0	0	2,609	Fibers/m3								
Amphibole + Chrysotile	8	5,656	2,443	11,142	Fibers/m3								
Non-Amphibole/Non-Chrysotile	3	2,121	437	6,193	Fibers/m3								
Ambiguous Mineral	2	1,414	171	5,105	Fibers/m3								
Total Fibers	13	9,191	4,890	15,717	Fibers/m3								
Sensitivity Limit	1	707	17.7	3,938	Fibers/m3								

995 Admin. Consultation -MDH

Consultation Time

29-SEP-08

See attached report from Braun Intertec.

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## Final Report - Client Copy - Report Of Analytical Results

Program: PA

Date Received: 19-SEP-2008

Program Name: MPCA AIR QUALITY

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Request Page: 2 of 3

Samples: 200829401 - 200829403

Date Reported: 30-SEP-2008

From: MN POLLUTION CONTROL AGENCY  
520 LAFAYETTE  
ST. PAUL, MN 55155

Sample No: 200829402

Receiving Comments: -

<u>Coll Date</u>	<u>Coll Time</u>	<u>Site Number/Desc</u>
10-AUG-2008	-	7013

\*\*\*\*\* SAMPLE RESULTS \*\*\*\*\*

Unit: ADMINISTRATIVE

Reviewed By MLK on 30-SEP-08

	Result Codes	Result	Rept Level	Units	Analysis Date
920 Fibers in Air by TEM -MDH					24-SEP-08
		Number Of Fibers	95% Confidence Interval Concentration Lower Limit Upper Limit		Units
Total Amphibole	11	11,957	5,967	21,391	Fibers/m3
Grunerite/Cumingtonite Amphibole	4	4,348	1,183	11,131	Fibers/m3
Actinolite Amphibole	7	7,609	3,051	15,675	Fibers/m3
Tremolite Amphibole		0	0	4,011	Fibers/m3
Hornblende Amphibole		0	0	4,011	Fibers/m3
Other Amphiboles/Ambiguous Chemistry		0	0	4,011	Fibers/m3
Chrysotile		0	0	4,011	Fibers/m3
Amphibole + Chrysotile	11	11,957	5,967	21,391	Fibers/m3
Non-Amphibole/Non-Chrysotile	7	7,609	3,051	15,675	Fibers/m3
Ambiguous Mineral	3	3,261	672	9,522	Fibers/m3
Total Fibers	21	22,827	14,130	34,902	Fibers/m3
Sensitivity Limit	1	1,087	27.2	6,055	Fibers/m3

995 Admin. Consultation -MDH

Consultation Time

29-SEP-08

See attached report from Braun Intertec.

