PLAINTIFF'S EXHIBIT

SWB-227

November 21, 1997

Mr. Gladys Haecker
Southwestern Bell Telephone
1010 N. St. Mary's Street, Room 1014
San Antonio, Texas 78215

RE: Laboratory Analysis of Air Samples for 1616 Guadalupe
AES Project No. 068-00001-02B

Dear Ms. Haecker:

Applied Earth Sciences, Inc. (AES) has obtained the analysis of the 8 air samples, as collected by Ms. Haecker on November 13, 1997. The samples were analyzed Mr. Steve Strong using phase contrast microscopy (PCM) techniques. The air monitoring results are as follows:

TABLE 1 - AIR SAMPLES - 1616 Guadalupe

Collected on November 13, 1997

Sample No.	Type - Location	Volume	Detection Limit	Fiber Concentration
01-11-13-97	Basement - return air supply	1080 liters	0.002 f/cc	0.008 f/cc
02-11-13-97	Mechanical room - BSM-1	1080 liters	0.002 f/cc	0.005 f/cc
03-11-13-97	Basement - return air plenum	1080 liters	0.002 f/cc	0.007 f/cc
04-11-13-97	Basement - fan room #1	1080 liters	0.002 f/cc	0.014 f/cc
05-11-13-97	Basement - boiler room	1080 liters	0.002 f/cc	0.008 f/cc
06-11-13-97	Penthouse - return air	1080 liters	0.002 f/cc	0.009 f/cc
07-11-13-97	Blank	N/A	N/A	0.02 f/field
08-11-13-97	Blank	N/A	N/A	0.09 f/field

f/cc - fibers per cubic centimeter of air f/field - fibers per field N/A - not applicable

Mr. Strong is a Texas Department of Health (TDH) Licensed Air Monitoring Technician (License No. 70-0326) and works under TDH PCM Laboratory License No. 30-0210 .The Air Sampling Field Forms are attached. If you have any questions or comments, please contact me at 210-647-0114.

Sincerely,

Terry Bleckner/Project Engineer

Attachment
c:\clients\068-02b.ltr

1828 Grandstand • San Antonio, Texas 78238 • Tel: (210) 647-0114 • Fax: (210) 647-1761

October 29, 1997

Ms. Gladys Haecker
Southwestern Bell Telephone
1010 N. St. Mary's Street, Room 1014
San Antonio, Texas 78212

RE: Laboratory Analysis of Air Samples
105 Auditorium Circle - San Antonio, Texas
721 Beech - McAllen, Texas
AES Project No. 068-00001-02

Dear Ms. Haecker:

Applied Earth Sciences, Inc. (AES) has obtained the analysis of the 26 air samples, as submitted to AES on October 27, 1997. The samples were collected by Ms. Gladys Haecker and were analyzed Mr. Steve Strong using phase contrast microscopy (PCM) techniques. The air monitoring results are as follows:

TABLE 1 - AIR SAMPLES
105 Auditorium Circle

Collected on September 19, 1997

Sample No.	Type - Location	Volume	Detection Limit	Fiber Concentration
01-09-19-97	1st Floor - stairwell - air shaft	1445 liters	0.002 f/cc	0.005 f/cc
02-09-19-97	1st Floor - battery room	1427 liters	0.002 f/cc	0.004 f/cc
03-09-19-97	Basement - freight elevator	1080 liters	0.002 f/cc	0.004 f/cc
04-09-19-97	Sub-Basement - boiler room	1352 liters	0.002 f/cc	0.006 f/cc
05-09-19-97	Basement - power room	1391 liters	0.002 f/cc	0.003 f/cc
06-09-19-97	Basement - elevator lobby	1195 liters	0.002 f/cc	0.005 f/cc
07-09-19-97	Blank	N/A	N/A	0.01 f/field
08-09-19-97	Blank	N/A	N/A	0.02 f/field

f/cc - fibers per cubic centimeter of air f/field - fibers per field N/A - not applicable

TABLE 2 - AIR SAMPLES 105 Auditorium Circle				
Collected on October 17, 1997				
Sample No.	**Type - Location**	**Volume**	**Detection Limit**	**Fiber Concentration**
01-10-17-97	1st Floor - guard station	1215 liters	0.002 f/cc	0.005 f/cc
02-10-17-97	3rd Floor - freight elevator	1178 liters	0.002 f/cc	0.005 f/cc
03-10-17-97	3rd Floor - 301 frame	971 liters	0.003 f/cc	0.005 f/cc
04-10-17-97	4th Floor - AHU room 402	1183 liters	0.002 f/cc	0.005 f/cc
05-10-17-97	4th Floor - AHU room 401	1183 liters	0.002 f/cc	0.005 f/cc
06-10-17-97	2nd Floor - AHU	1200 liters	0.002 f/cc	0.003 f/cc
07-10-17-97	2nd Floor - battery room	1247 liters	0.002 f/cc	0.005 f/cc
08-10-17-97	2nd Floor - Room 204	1221 liters	0.002 f/cc	0.005 f/cc
09-10-17-97	Blank	N/A	N/A	0.02 f/field
10-10-17-97	Blank	N/A	N/A	0.015 f/field

f/cc - fibers per cubic centimeter of air f/field - fibers per field N/A - not applicable

TABLE 3 - AIR SAMPLES 721 Beech - McAllen				
Collected on September 25, 1997				
Sample No.	**Type - Location**	**Volume**	**Detection Limit**	**Fiber Concentration**
01-09-25-97	2nd Floor - switch room	1172 liters	0.002 f/cc	0.004 f/cc
02-09-25-97	1st Floor - frame	1304 liters	0.002 f/cc	0.006 f/cc
03-09-25-97	Basement - AHU room	559 liters	0.005 f/cc	0.005 f/cc
04-09-25-97	1st Floor - RSC	1125 liters	0.002 f/cc	0.008 f/cc
05-09-25-97	Basement - emergency gen. room	1501 liters	0.002 f/cc	0.005 f/cc
06-09-25-97	Basement - hallway	1445 liters	0.002 f/cc	0.005 f/cc
07-09-25-97	Blank	N/A	N/A	0.005 f/field
08-09-25-97	Blank	N/A	N/A	0.010 f/field

f/cc - fibers per cubic centimeter of air f/field - fibers per field N/A - not applicable

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OCT 29 1997

004032

Mr. Strong is a Texas Department of Health (TDH) Licensed Air Monitoring Technician (License No. 70-0326) and works under TDH PCM Laboratory License No. 30-0210 .The Air Sampling Field Forms are attached. If you have any questions or comments, please contact me at 210-647-0114.

Sincerely,

Applied Earth Sciences, Inc.

Terry Bleckner
Project Engineer

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OCT 29 1997

Attachment

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004033

HBC
ENGINEERING, INC.

October 8, 1997

Mr. John Herold, CSP
Southwestern Bell Telephone
1010 N. St. Mary, Rm 1014
San Antonio, Texas 78215

Re: Air Samples
Various Projects

Dear Mr. Herold:

Please find enclosed copies of the air sample analysis for the air samples submitted to Mr. Robert Garrison, of IAQ Consultants. If you have any questions or require additional information please call me at (214) 630-1010.

Sincerely,
HBC ENGINEERING, INC.

Kyle Burroughs
Manager, Asbestos Consulting

attachment

004034

HBC
ENGINEERING, INC

Client: Southwestern Bell Telephone
1010 N. St. Mary, Rm 1014
San Antonio, Texas 78215

Project No.: 41-2283-97

Project: 4119 Broadway
Sample Date: September 12, 1997
Identification: Air Samples
Test Method: NOSH 7400 Method - Phase Contrast Microscopy

Date: October 7, 1997

On October 1, 1997 HBC Engineering, Inc. received twelve (12) air samples from Mr. John Herold, CSP of Southwestern Bell Telephone for analysis. The results for the samples analyzed is as follows:

Sample No.	Sample Description/Location	Sample Volume (liters)	Fibers/cc
1D	Escalator, first floor, down	1012.5	0.023
2D	Escalator, 2nd flr-DN	1218	0.019
3D	Escalator, 3rd flr-DN	1198	0.016
4D	Escalator, 4th flr-DN	1157	0.020
5D	Escalator, 5th flr-DN	1099	0.009
5U	Escalator, 5th flr-UP	1037	0.017
6D	Escalator, 6th flr-DN	1061	0.008
6U	Escalator, 6th flr-UP	1084	<0.005
7D	Escalator, 7th flr-DN	1119	0.005
7U	Escalator, 7th flr-UP	1060	0.007
4B	Escalator, 4th flr	Blank	1fiber /100 fields
7B	Escalator, 7th flr	Blank	1 fiber/100 fields

TDH Laboratory I.D. 30-0131

PAT I.D. 16603

Analyst Signature:

004035

HBC
ENGINEERING, INC.

Client: Southwestern Bell Telephone
1010 N. St. Mary, Rm 1014
San Antonio, Texas 78215

Project No.: 41-2283A-97

Project: 505 Missouri, Mercedes, Texas

Date: October 7, 1997

Sample Date: September 16, 1997

Identification: Air Samples

Test Method: NOSH 7400 Method - Phase Contrast Microscopy

On October 1, 1997 HBC Engineering, Inc. received three (3) air samples from Mr. John Herold, CSP of Southwestern Bell Telephone for analysis. The results for the samples analyzed is as follows:

Sample No.	Sample Description/Location	Sample Volume (liters)	Fibers/cc
C01	Central office, corner, 5th and Missouri	1026	<0.005
C02	Central office, corner, 5th and Missouri	1043	<0.005
C03	Blank	-	2 fibers/100 fields

TDH Laboratory I.D. 30-0131

PAT I.D. 16603

Analyst Signature:

004036

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OCT 27 1997

October 23, 1997

Mr. John Herold, CSP
Southwestern Bell Telephone
1010 N. St. Mary's Street, Room 1014
San Antonio, Texas 78212

RE: **Laboratory Analysis of Air Samples**
3303 Weslayan - Houston, Texas

Dear Mr. Herold:

Applied Earth Sciences, Inc. (AES) has obtained the analysis of the air 18 samples, as submitted to AES on October 21, 1997. The samples were collected by Mr. John Herold and were analyzed Mr. Steve Strong using phase contrast microscopy (PCM) techniques. The air monitoring results are as follows:

TABLE 1 - AIR SAMPLES

Collected on October 10, 1997

Sample No.	Type - Location	Volume	Detection Limit	Fiber Concentration
1101097	1st Floor - N. Mech. Room	954 liters	0.003 f/cc	0.005 f/cc
2101097	1st Floor - S. End of Hall	1032 liters	0.003 f/cc	0.004 f/cc
3101097	Basement - Central Mech. Room	1036 liters	0.003 f/cc	0.004 f/cc
4101097	Basement - S. End of Hall	1050 liters	0.003 f/cc	0.006 f/cc
5101097	Basement - S. End of Hall (Blank)	N/A	N/A	0.02 f/field
6101097	2nd Floor - Copy Room	1005 liters	0.003 f/cc	0.003 f/cc
7101097	2nd Floor - S. Mech. Room	1063 liters	0.003 f/cc	0.008 f/cc
8101097	3rd Floor - N. Mech. Room	1158 liters	0.002 f/cc	0.005 f/cc
9101097	3rd Floor - Center of Hall	1252 liters	0.002 f/cc	0.004 f/cc
10101097	4th Floor - Central Mech. Room	1278 liters	0.002 f/cc	0.003 f/cc
12101097	Blank (4th Floor)	N/A	N/A	0.01 f/field

f/cc - fibers per cubic centimeter of air f/field - fibers per field N/A - not applicable

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TABLE 2 - AIR SAMPLES				
Collected on October 15, 1997				
Sample No.	**Type - Location**	**Volume**	**Detection Limit**	**Fiber Concentration**
06101597	5th Floor - N. Mech. Room	1068 liters	0.003 f/cc	0.005 f/cc
02101597	6th Floor - Central Mech. Room	1212 liters	0.002 f/cc	0.005 f/cc
05101597	6th Floor - South Exit	1121 liters	0.002 f/cc	0.004 f/cc
04101597	7th Floor - S. Mech. Room	1130 liters	0.002 f/cc	0.004 f/cc
03101597	7th Floor - Storage Room	1104 liters	0.002 f/cc	0.004 f/cc
01101597	Blank	N/A	N/A	0.01 f/field
07101597	Blank	N/A	N/A	0.01 f/field

f/cc - fibers per cubic centimeter of air f/field - fibers per field N/A - not applicable

Mr. Strong is a Texas Department of Health (TDH) Licensed Air Monitoring Technician (License No. 70-0326) and works under TDH PCM Laboratory License No. 30-0210 .The Air Sampling Field Forms are attached. If you have any questions or comments, please contact me at 210-647-0114.

Sincerely,

Applied Earth Sciences, Inc.

Terry Bleckner
Project Engineer

Attachment

c:\clients\pcm-lab.ltr

MAXIM
TECHNOLOGIES INC
2342 Fabens - P.O. Box 59902
Dallas, Texas 75229 214/247-7576 Fax 214/484-5804

PCM REPORT

NVLAP Lab No. 101091
AIHA PAT ID No. 10581
TDH License No. 30-0026

Client : Southwestern Bell Telephone
Project : 105 Auditorium Circle, 7th Floor
Project No. : 0517600580.A1
Identification : Asbestos, Air Filter Analysis
Test Method : Phase Contrast Microscopy (PCM)
NIOSH Method 7400

Request No. : 122484
Report Date : 10/17/96
Sample Date : 10/9/96

On 10/16/96, thirty (30) air filter samples were submitted by Gloria Clark of Maxim Technologies, Inc./Lone Star for analysis by PCM. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Client No.	Lab No.	Sample Description / Location	Fiber Concentration (f/cc)
01-10-09-96	6 16106	105 Auditorium Circle 7th Floor, Chamber 1 Intact, Pump 13237 Stel	<0.001
02-10-09-96	6 16107	105 Auditorium Circle 7th Floor, Chamber 2 Drilling, Pump 17190 Stel	<0.001
03-10-09-96	6 16108	105 Auditorium Circle 7th Floor, Chamber 2 Drilling, Pump 16837 area	<0.006
04-10-09-96	6 16109	105 Auditorium Circle 7th Floor, Chamber 1 Intact, Pump 17185 area	<0.007
05-10-09-96	6 16110	105 Auditorium Circle 7th Floor, Blank —	5.1 f/mm²
06-10-09-96	6 16111	105 Auditorium Circle 7th Floor, Blank —	6.4 f/mm²
07-10-09-96	6 16112	7159 San Pedro Outside Pole Yard, Right Wet Pump 13236 Stel	<0.001
08-10-09-96	6 16113	7159 San Pedro Outside Pole Yard, Left Wet Pump 16838 Stel	<0.001
09-10-09-96	6 16114	7159 San Pedro Outside Pole Yard, Blank —	1.9 f/mm²
10-10-09-96	6 16115	7159 San Pedro Outside Pole Yard, Blank —	2.5 f/mm²
11-10-09-96	6 16116	7159 San Pedro Outside Pole Yard, Right Dry Pump 13236 Stel	<0.001
12-10-09-96	6 16117	7159 San Pedro Outside Pole Yard, Right Dry Pump 16838 Stel	<0.001
13-10-10-96	6 16118	105 Auditorium Circle 7th Floor, Chamber 1 LePac Intact, Pump 13237 Stel	<0.045

004039

MAXIM
TECHNOLOGIES INC
2342 Fabens - P.O. Box 59902
Dallas, Texas 75229 214/247-7576 Fax 214/484-5804

PCM REPORT

NVLAP Lab No. 101091
AIHA PAT ID No. 10581
TDH License No. 30-0026

Client : Southwestern Bell Telephone
Project : 105 Auditorium Circle, 7th Floor
Project No. : 0517600580.A1
Identification : Asbestos, Air Filter Analysis
Test Method : Phase Contrast Microscopy (PCM)
NIOSH Method 7400

Request No. : 122484
Report Date : 10/17/96
Sample Date : 10/9/96

On 10/16/96, thirty (30) air filter samples were submitted by Gloria Clark of Maxim Technologies, Inc./Lone Star for analysis by PCM. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Client No.	Lab No.	Sample Description / Location		Fiber Concentration (f/cc)
14-10-10-96	6 16119	105 Auditorium Circle 7th Floor, Chamber 2 LePac Drill, Pumpe17190	Stel	<0.001
15-10-10-96	6 16120	105 Auditorium Circle 7th Floor, LePac Intact Pump 16839	area	0.010
16-10-10-96	6 16121	105 Auditorium Circle 7th Floor, LePac Drill Pump 15818	area	0.009
17-10-10-96	6 16122	105 Auditorium Circle 7th Floor, Blank	—	7.0 f/mm²
18-10-10-96	6 16123	105 Auditorium Circle 7th Floor, Blank	—	5.1 f/mm²
19-10-11-96	6 16124	105 Auditorium Circle 7th Floor, Chamber 2 Drill Vaccum, Pump 13237	Stel	0.055
20-10-11-96	6 16125	105 Auditorium Circle 7th Floor, Chamber 1 Water Punch, Pump 13236	Stel	<0.045
21-10-11-96	6 16126	105 Auditorium Circle 7th Floor, Chamber 1 Water Punch, Pump 17184	area	<0.004
22-10-11-96	6 16127	105 Auditorium Circle 7th Floor, Chamber 2 Drill Vacuum, Pump 16840	area	0.008
23-10-11-96	6 16128	105 Auditorium Circle 7th Floor, Blank	—	8.3 f/mm²
24-10-11-96	6 16129	105 Auditorium Circle 7th Floor, Blank	—	5.1 f/mm²
25-10-15-96	6 16130	105 Auditorium Circle 7th Floor, Chamber 2 LePac Large Punch, Pump 16838	Stel	<0.001
26-10-15-96	6 16131	105 Auditorium Circle 7th Floor, Chamber 1 Heat, Pump 13237	stel	<0.001

MAXIM
TECHNOLOGIES INC
2342 Fabens - P.O. Box 59902
Dallas, Texas 75229 214/247-7576 Fax 214/484-5804

PCM REPORT

NVLAP Lab No. 101091
AIHA PAT ID No. 10581
TDH License No. 30-0026

Client : Southwestern Bell Telephone
Project : 105 Auditorium Circle, 7th Floor
Project No. : 0517600580.A1
Identification : Asbestos, Air Filter Analysis
Test Method : Phase Contrast Microscopy (PCM)
NIOSH Method 7400

Request No. : 122484
Report Date : 10/17/96
Sample Date : 10/9/96

On 10/16/96, thirty (30) air filter samples were submitted by Gloria Clark of Maxim Technologies, Inc./Lone Star for analysis by PCM. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Client No.	Lab No.	Sample Description / Location	Fiber Concentration (f/cc)
27-10-15-96	6 16132	105 Auditorium Circle 7th Floor, Chamber 2 area LePac Large Punch, Pump 16840	<0.005
28-10-15-96	6 16133	105 Auditorium Circle 7th Floor, Chamber 1 area Heat, Pump 17184	0.005
29-10-15-96	6 16134	105 Auditorium Circle 7th Floor, Blank —	10.2 f/mm²
30-10-15-96	6 16135	105 Auditorium Circle 7th Floor, Blank —	3.8 f/mm²

Results indicate the concentration of all fibers. The PCM method cannot positively indentify asbestos fibers.
Results may not be reproduced except in full. This test report relates only to the samples tested.
These test results do not imply endorsement by NVLAP or any agency of the U.S. Government.

Analyst : Jennifer D. Jaber

Lab Director : Jennifer D. Jaber

Approved Signatory : Jennifer Jaber

004041

MAXIM TECHNOLOGIES INC

PCM Air Filter Analysis Datasheet
NIOSH Method 7400

AIHA PAT ID No. 1058
NVLAP Lab No. 10109
TDH License No. 30-00

Client: Southwestern Bell Telephone
Project: 105 Auditorium Circle, 7th Floor
Project No.: 0517600580.A1

Request No.: 122484
Analyst: Jennifer D. Jaber
Date: 10/17/96

Client No.	Lab No.	Volume (L)	Area (mm²)	Fields	Fibers	Conc. (f/cc)	LOD (f/cc)	Report Conc. (f/cc
01-10-09-96	6 16106	60	385	100	1	<0.008	0.045	<0.001
02-10-09-96	6 16107	60	385	100	3	<0.008	0.045	<0.001
03-10-09-96	6 16108	440	385	100	5	0.001	0.006	<0.006
04-10-09-96	6 16109	412	385	100	5	0.001	0.007	<0.007
05-10-09-96	6 16110	NA	385	100	4	NA	NA	5.1 f/mm²
06-10-09-96	6 16111	NA	385	100	5	NA	NA	6.4 f/mm²
07-10-09-96	6 16112	60	385	100	3	<0.008	0.045	<0.001
08-10-09-96	6 16113	60	385	100	1	<0.008	0.045	<0.001
09-10-09-96	6 16114	NA	385	100	1	NA	NA	1.9 f/mm²
10-10-09-96	6 16115	NA	385	100	2	NA	NA	2.5 f/mm²
11-10-09-96	6 16116	60	385	100	3	<0.008	0.045	<0.001
12-10-09-96	6 16117	60	385	100	3	<0.008	0.045	<0.001
13-10-10-96	6 16118	60	385	100	5	0.010	0.045	<0.045
14-10-10-96	6 16119	60	385	100	3	<0.008	0.045	<0.001
15-10-10-96	6 16120	560	385	100	15	0.010	0.005	0.010
16-10-10-96	6 16121	600	385	100	16	0.009	0.004	0.009
17-10-10-96	6 16122	NA	385	100	5	NA	NA	7.0 f/mm²
18-10-10-96	6 16123	NA	385	100	4	NA	NA	5.1 f/mm²
19-10-11-96	6 16124	60	385	100	11	0.055	0.045	0.055
20-10-11-96	6 16125	60	385	100	4	0.001	0.045	<0.045
21-10-11-96	6 16126	720	385	100	8	0.002	0.004	<0.004
22-10-11-96	6 16127	720	385	100	15	0.008	0.004	0.008
23-10-11-96	6 16128	NA	385	100	6	NA	NA	8.3 f/mm²
24-10-11-96	6 16129	NA	385	100	4	NA	NA	5.1 f/mm²
25-10-15-96	6 16130	60	385	100	4	<0.008	0.045	<0.001
26-10-15-96	6 16131	60	385	100	3	<0.008	0.045	<0.001
27-10-15-96	6 16132	540	385	100	9	0.004	0.005	<0.005

Microscope Field Area: 0.00784 mm²
All calculations are corrected for blanks (if provided).

Project: 105 Auditorium Circle, 7th Floor
Project #: 0517600580.A1
Request #: 122484

MAXIM TECHNOLOGIES INC

PCM Air Filter Analysis Datasheet
NIOSH Method 7400

AIHA PAT ID No. 10581
NVLAP Lab No. 101091
TDH License No. 30-002

Client: Southwestern Bell Telephone
Request No.: 122484
Project: 105 Auditorium Circle, 7th Floor
Analyst: Jennifer D. Jaber
Project No.: 0517600580.A1
Date: 10/17/96

Client No.	Lab No.	Volume (L)	Area (mm²)	Fields	Fibers	Conc. (f/cc)	LOD (f/cc)	Report Conc. (f/cc
28-10-15-96	6 16133	780	385	100	12	0.005	0.003	0.005
29-10-15-96	6 16134	NA	385	100	8	NA	NA	10.2 f/mm²
30-10-15-96	6 16135	NA	385	200	6	NA	NA	3.8 f/mm²

Microscope Field Area: 0.00784 mm²
All calculations are corrected for blanks (if provided).

Project: 105 Auditorium Circle, 7th Floor
Project #: 0517600580.A1
Request #: 122484