

August 2, 2010

Santa Monica-Malibu Unified School District
1651 Sixteenth Street
Santa Monica, California 90404

Attention: Mr. Terry Kamabayashi

Ref: Three-year Re-inspection
Grand Elementary School, 2368 Pearl Street, Santa Monica, California 90405

Coffey Environments Project No. 110-0006

Dear Mr. Kamabayashi:

Coffey Environments is pleased to present its report for three-year re-inspection of Grand Elementary School, located at 2368 Pearl Street, Santa Monica, California 90405.

Please do not hesitate to contact the undersigned if you wish to discuss any aspect of the report.

Respectfully submitted by:

Coffey Environments



for Elmer Castro
Certified Site Surveillance Technician
Cal/OSHA Cert. #08-4406

Reviewed by:

Coffey Environments



Cesar Ruvalcaba
Certified Asbestos Consultant
Cal/OSHA Cert. #95-1799

AHERA THREE-YEAR RE-INSPECTION

Grand Elementary School
2368 Pearl Street
Santa Monica, California 90405

Prepared for:

Santa Monica-Malibu Unified School District
1651 Sixteenth Street
Santa Monica, California 90404

Project No.: 110-0006

Date: August 2, 2010

EXECUTIVE SUMMARY

Coffey Environments conducted an AHERA three-year re-inspection of Grand Elementary School, located at 2368 Pearl Street, Santa Monica, California 90405. Our Certified Site Surveillance Technician/Certified Asbestos Consultant conducted the following activities to document the project:

- Visual inspection of known asbestos-containing materials (ACM), both friable and non-friable, and suspect ACM not previously identified or sampled;
- Identification of friable and non-friable ACM including ACM not previously identified or sampled;
- Assessment of friable and damaged non-friable ACM, including ACM not previously identified or sampled; and
- For each suspect material not assumed to be ACM, the inspection include the collection, submission and analysis of bulk samples as outlined in *40 CFR 763 Subpart E*.

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REPORTED: August 2, 2010

PROJECT NO.: 110-0006

CLIENT: Santa Monica-Malibu Unified School District
1651 Sixteenth Street
Santa Monica, California 90404

ATTENTION: Mr. Terry Kamabayashi

REF: AHERA Three-year Re-inspection
Grand Elementary School
2368 Pearl Street
Santa Monica, California 90405

1 PROJECT SUMMARY

Coffey Environments conducted an AHERA three-year re-inspection of Grand Elementary School, located at 2368 Pearl Street, Santa Monica, California 90405. Elmer Castro, a Cal/OSHA Certified Site Surveillance Technician and EPA-accredited Building Inspector employed by Coffey Environments, conducted the inspection on March 5, 2010.

2 FIELD AND ANALYTICAL METHODOLOGY

The inspection was conducted in accordance with protocol set forth in the Asbestos Hazard Emergency Response Act (AHERA) *40 CFR 763 Subpart E*. Information in this report is based on the original AHERA inspection conducted in fulfillment of the requirements of *40 CFR 763 Subpart E*.

The re-inspection activities included the following elements:

- Visual inspection of known asbestos-containing materials (ACM), both friable and non-friable, and suspect ACM not previously identified or sampled;
- Identification of friable and non-friable ACM including ACM not previously identified or sampled; and
- Assessment of friable and damaged non-friable ACM, including ACM not previously identified or sampled.

3 RESULTS

Please refer to the AHERA three-year re-inspection material inventory located in Appendix A.

4 RECOMMENDATIONS

ACM should be monitored and maintained as part of the Grand Elementary School operations and maintenance program until renovation or demolition activities require removal, or until material becomes

significantly damaged or the hazard potential changes. Remove or repair these items when practical and cost-effective in conjunction with an EPA-accredited Project Designer.

5 ASSUMPTIONS AND LIMITATIONS

This report was prepared exclusively for use by the Santa Monica-Malibu Unified School District, and may not be relied upon by any other person or entity without Coffey Environments' express written permission. The information, conclusions and recommendations described in this report apply to conditions existing at certain locations when services were performed and are intended only for the specific purposes, locations, time frames and project parameters indicated. Coffey Environments cannot be responsible for the impact of any changes in environmental standards, practices or regulations after performance of services.

In performing our professional services, we have applied present engineering and scientific judgment and used a level of effort consistent with the current standard of practice for similar types of studies.

As applicable, Coffey Environments has relied in good faith upon representations and information furnished by individuals with respect to operations and existing property conditions, to the extent that they have not been contradicted by data obtained from other sources. Accordingly, Coffey Environments accepts no responsibility for any deficiencies, omissions, misrepresentations, or fraudulent acts of persons interviewed.

Coffey Environments will not accept any liability for loss, injury claim, or damage arising directly or indirectly from any use or reliance on this report. Coffey Environments makes no warranty, expressed or implied

This report is issued with the understanding that the client, the property owner, or its representative is responsible for ensuring that the information, conclusions, and recommendations contained herein are brought to the attention of the appropriate regulatory agencies, as required.

If you have any questions, please do not hesitate to contact the undersigned at (310) 530-5006. We appreciate the opportunity to be of service to the Santa Monica-Malibu Unified School District.

6 SIGNATORY

Respectfully submitted by:

Coffey Environments



Elmer Castro
Certified Site Surveillance Technician
Cal/OSHA Cert. #08-4406

CR:cdm

Reviewed by:

Coffey Environments



Cesar Ruvalcaba
Certified Asbestos Consultant
Cal/OSHA Cert. #95-1799

Appendix A

AHERA Three-Year Re-Inspection Material Inventories

Client: Santa Monica-Malibu Unified School District
Project No.: 110-0006
Project Name: AHERA 3-year re-inspection-Grant ES

Building A

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/ Response Action (4)
M	12" blue floor tile and adhesive	Room 5	ND	No	200 sq. ft	Assumed 1	8
M	12" black floor tile and adhesive	Room 5	ND	No	50 sq. ft	Assumed 1	8
M	4 inch gray cove base and glue	Rooms 2-5	ND	No	350 ln. ft.	None Detected	N/A
M	12" light blue marbled pattern floor tile	Rooms 2-5	ND	No	1,600 sq. ft	None Detected	N/A
M	Carpet glue	Rooms 2-5	ND	No	2,800 sq. ft	None Detected	N/A
M	2x4 fissured ceiling panel	Room 5, work room	ND	Yes	200 sq. ft	None Detected	N/A
M	Heater units/gaskets	Room 2-5	ND	No	4 each	Assumed 2	8
M	Chalkboard	Room 2-5	ND	No	8 each	Assumed 2	8
M	Rolled on roof core	Roof	ND	No	4,600 sq. ft	Assumed 2	8

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Project No.: 110-0006

Project Name: AHERA 3-year re-inspection-Grant ES

Building A

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	Roof mastic	Roof penetrations	ND	No	20 sq. ft	Assumed 2	8
S	Drywall joint compound	Restroom (all) custodian room, heater closets, room 5	ND	No	2,500 sq. ft	None Detected	N/A
M	HVAC joint compound	Room 2-5, heater closets	ND	No	10 sq. ft	None Detected	N/A
S	12" Straight peg hole ceiling tile	Room 5, rooms 2-5 walls and ceiling (nailed on/screwed on)	ND	Yes	5,000 sq. ft	None Detected	N/A
M	Window putty	Exterior windows	ND	No	3,000 ln. ft.	None Detected	N/A
S	Stucco	Exterior walls	ND	No	2,500 sq. ft	None Detected	N/A

(1) S: surfacing, TSI: thermal system insulation, M: miscellaneous

(2) ND: not damaged, D: damaged, SD: significantly damaged

(3) POS: previously identified as positive, NEG: previously identified as negative, ASSUMED 1 = new material, not sampled, assumed asbestos-containing
ASSUMED 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

Client: Santa Monica-Malibu Unified School District
Project No.: 110-0006
Project Name: AHERA 3-year re-inspection-Grant ES

Building B

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	12" straight peg hole ceiling tile and glue	Rooms 26-29	ND	Yes	4,800 sq. ft	None Detected	N/A
M	4 inch gray cove base and glue	Rooms 26-29, storage rooms, work room closets	ND	No	525 ln. ft.	None Detected	N/A
M	12 inch light blue speckled floor tile	Rooms 26-29, entrances	ND	No	400 sq. ft	None Detected	N/A
M	12" light blue marbled pattern floor tile	Room 26-29, closets, work room, storage area	ND	No	1,200 sq. ft	None Detected	N/A
M	Drywall	Room 27 restrooms and workroom, room 26 restrooms, storage room	ND	No	1,600 sq. ft	None Detected	N/A
S	Drywall joint compound	Room 27 restrooms and workroom, room 26 restrooms, storage room	ND	No	1,600 sq. ft	None Detected	N/A
M	HVAC joint compound	Heater rooms	ND	No	30 sq. ft	None Detected	N/A
M	Carpet glue	Rooms 26-29	ND	No	3,400 sq. ft	None Detected	N/A
M	Gray rolled on roof core	Roof	ND	No	6,000 sq. ft	Assumed 2	8
M	Roof mastic	Roof penetrations	ND	No	40 sq. ft	Assumed 2	8
M	Chalkboard	Rooms 26-29	ND	No	10 each	Assumed 2	8
M	Heater Units/Gaskets	Heater rooms	ND	No	4 each	Assumed 2	8

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Building B

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
S	Rough plaster ceiling	Rooms 26-29, rooms 29B	ND	No	5,200 sq. ft	Pos	8
M	12" straight peg hole ceiling tile	Rooms 26-29, 1	ND	Yes	4,800 sq. ft	None Detected	N/A
M	Window putty	Room 26 and work room 26A	ND	No	200 ln. ft.	None Detected	N/A
S	Stucco	Exterior walls	ND	No	3,600 sq. ft	Pos	8
S	Rough plaster walls	Rooms 26-29 and 29B	ND	No	4,900 sq. ft	None Detected	N/A

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Client: Santa Monica-Malibu Unified School District
Project No.: 110-0006
Project Name: AHERA 3-year re-inspection-Grant ES

Building C and C south

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	12" straight peg hole ceiling tile	Room 37-40, room 31	ND	Yes	6,200 sq. ft	None Detected	N/A
M	Window putty	East, west buildings exterior windows, C building, west end	ND	No	400 ln. ft	None Detected	N/A
M	4 inch gray cove base and glue	Room 41, custodian room 36, room 35, custodian room 32, rooms 31, 37-40	ND	No	700 ln. ft	None Detected	N/A
M	12" light blue speckled floor tile	Room 35, rooms 30, 31, 37-40 at entrances	ND	No	800 sq. ft	None Detected	N/A
M	12" light blue marbled pattern floor tile	Room 41, custodian room 36, custodian room 32, rooms 30, 31, 37-40	ND	No	1,600 sq. ft	None Detected	N/A
M	Carpet glue	Rooms 31 and 37-40	ND	No	4,000 sq. ft	None Detected	N/A
S	Drywall joint compound	Building east, west all restrooms, room 41, room 35 and room 30	ND	No	3,500 sq. ft	None Detected	N/A
M	Drywall	Rooms 37-40 heater closets/mechanical rooms	ND	No	1,200 sq. ft	None Detected	N/A
S	Drywall joint compound	Rooms 37-40 heater closets/mechanical rooms	ND	No	1,200 sq. ft	None Detected	N/A

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Building C and C south

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
S	Drywall joint compound	Rooms 37-40 heater closets/mechanical rooms	ND	No	1,200 sq. ft	None Detected	N/A
M	Heater unit/gasketss	Rooms 30, 31 and 37-40	ND	No	6 units	Assumed 2	8
M	Chalkboards	Rooms 30, 31 and 37-40	ND	No	12 each	Assumed 2	8
S	Smooth plaster ceiling	Room 41, restrooms 36A, 36B	ND	No	650 sq. ft	None Detected	N/A
S	Smooth plaster wall	Room 41, restrooms 36A, 36B	ND	No	1,250 sq. ft	None Detected	N/A
S	Rough plaster ceiling	Custodian room 32, custodian room 36, rooms 31 and 37-40 including closets	ND	No	6,800 sq. ft	Pos	8
S	Stucco	Exterior walls	ND	No	5,500 sq. ft	Pos	8

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Client: Santa Monica-Malibu Unified School District

Project No.: 110-0006

Project Name: AHERA 3-year re-inspection-Grant ES

Building D and E, 2nd Floor

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	12" straight peg hole ceiling tile and mastic	Work room 23, main office, principal's office, assistant's offices, office 21, nurse's office, rooms 24 & 25	ND	No	4,600 sq. ft	None Detected	N/A
M	12" light blue marbled pattern floor tile	Work room 23, main office, principal's office, assistant's offices, office 21, nurse's office, rooms 24 & 25	ND	No	2,700 sq. ft	None Detected	N/A
M	4" gray cove base and glue	Work room offices, principal's office, assistant's office, room 24 and 25 including closets	ND	No	650 in. ft	None Detected	N/A
M	Window putty	Exterior windows	ND	No	200 in. ft	Pos (<1%)	8
M	Carpet glue with residual mastic	Rooms 24 & 25	ND	No	2,100 sq. ft	Pos (<1%)	8
S	Drywall joint compound	Room 24 restrooms, nurses restrooms, men and women's restrooms	ND	No	1,800 sq. ft	None Detected	N/A
M	4" black cove base and glue	Work room 23	ND	No	70 in. ft	None Detected	N/A
M	12" straight peg hole wall tile and glue	Second floor work room and lounge room walls and ceilings	ND	No	1,900 sq. ft	None Detected	N/A
M	Brown, white and black floor tile	Hall	ND	No	200 sq. ft	None Detected	N/A
M	4" beige cove base and glue	Hall	ND	No	40 in. ft	None Detected	N/A
M	Stucco barrier paper	Behind Stucco (exterior walls)	ND	No	3,500 sq. ft	None Detected	N/A

Client: Santa Monica-Malibu Unified School District
Project No.: 110-0006
Project Name: AHERA 3-year re-inspection-Grant ES

Building D and E, 2nd Floor

Material/Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	Drywall	Room 24, 25, mechanical rooms	ND	No	650 sq. ft	None Detected	N/A
M	Drywall joint compound	Room 24, 25, mechanical rooms	ND	No	650 sq. ft	None Detected	N/A
S	HVAC joint compound	Rooms 24 and 25, mechanical room	ND	No	8 sq. ft	None Detected	N/A
M	Heater units	Rooms 24 and 25	ND	No	2 each	Assumed 2	
M	Chalkboard	Rooms 24 and 25	ND	No	4 each	None Detected	N/A
M	2x4 fissured ceiling panel	Teacher lounge room, second floor (building E)	ND	Yes	900 sq. ft	None Detected	N/A

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Client: Santa Monica-Malibu Unified School District

Project No.: 110-0006

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Building E

Material Class (1)	Material	Material Location	Current Assessment (2)	Frangible (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	12" light blue marbled pattern floor tile	Southeast entry way (stage room)	ND	No	40 sq. ft.	assumed 1	N/A
M	4" gray cove base and glue	Southeast entry way (stage room)	ND	No	60 in. ft.	assumed 1	N/A
M	Vibration reducer	Mechanical room 1 & 2 in basement	D	Yes	1 each	Pos	8
M	Fire door	Mechanical room 1 & 2 in basement	ND	No	2 each	Assumed 2	8
T S I	Duct insulation, aircell	Attic	ND	Yes	1,200 sq. ft.	Pos	8
S	Stucco	2% Chrysotile	ND	No	2,600 sq. ft.	Pos	No
M	9" brown floor tile	Auditorium (under 1" thick vinyl flooring)	ND	No	2,000 sq. ft.	Pos	8
M	Drywall joint compound	Storage area east and west dividing walls	ND	No	800 sq. ft.	None Detected	N/A
M	Window putty	North exterior windows	ND	No	1,100 in. ft.	None Detected	N/A
S	Smooth plaster ceiling	Storage area east and west	ND	No	800 sq. ft.	None Detected	N/A
S	Smooth plaster wall	Auditorium and stage area	ND	No	3,000 sq. ft.	None Detected	N/A
S	Rough plaster ceiling	Storage 1, southeast entry way	ND	No	800 sq. ft.	3-5% Chrysotile	8
S	Rough plaster wall	Storage 1, southeast entry way	ND	No	1,650 sq. ft.	None Detected	N/A

NOTE: Attic space is contaminated with asbestos aircell debris.

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Client: Santa Monica-Malibu Unified School District
Project No.: 110-0006
Project Name: AHERA 3-year re-inspection-Grant ES

Building F

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	Carpet glue	Library room 51A and 51B and hall	ND	No	2,200 sq. ft.	None Detected	N/A
M	4" purple cove base and glue	Library room 51A and 51B and hall	ND	No	375 ln. ft.	None Detected	N/A
M	Drywall joint compound	Library room 51A and 51B and hall	ND	No	2,750 sq. ft.	2% Chrysotile	8
M	Drywall joint compound	Library room 51A and 51B and hall	ND	No	2,750 sq. ft.	None Detected	N/A
M	Roof core	Roof	ND	No	2,400 sq. ft.	Assumed	8
M	Roof mastic	Roof penetrations	ND	No	10 sq. ft.	Assumed	8
S	Stucco	Exterior walls	ND	No	2,350 sq. ft.	2% Chrysotile	8
M	12" fissured white ceiling tile mastic	Library room 51A walls and ceiling	ND	No	2,000 sq. ft.	Assumed 2	8

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Client: Santa Monica-Malibu Unified School District

Project No.: 110-0006

Project Name: AHERA 3-year re-inspection-Grant ES

Building G

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	Heater unit	Mechanical rooms 48, 46A	ND	No	2 each	Assumed 2	8
M	Chalkboards	Rooms 47, 46 and 50	ND	No	5 each	Assumed 2	8
M	Carpet glue	Room 50, 46, 47, room 49	ND	No	2,100 sq. ft.	None Detected	N/A
M	12" light blue marbled floor tile	Work room, room 46A	ND	No	400 sq. ft.	None Detected	N/A
M	4" black cove base and glue	Room 50	ND	No	120 in. ft.	None Detected	N/A
M	12" light blue speckled floor tile	Room 46, 47 and entry ways, room 49, room 46A and entryways	ND	No	400 sq. ft.	None Detected	N/A
M	4" gray cove base and glue	Rooms 46, 47, 46A, 49	ND	No	300 in. ft.	None Detected	N/A
M	Drywall joint compound	Room 50, room 47 work room	ND	No	1,700 sq. ft.	None Detected	N/A
M	Window putty	Exterior walls	ND	No	900 in. ft.	None Detected	N/A
M	Drywall joint compound	Mechanical rooms 48, 50, 46A	ND	No	900 sq. ft.	None Detected	N/A
M	Drywall joint compound	Roof	ND	No	900 sq. ft.	None Detected	N/A
M	Roll-on roof core	Roof penetrations	ND	No	2,700 sq. ft.	Assumed	8
M	Roof mastic	Room 50, 46, 47 room 49	ND	No	25 sq. ft.	Assumed	8
S	Rough plaster walls	Rooms 46, 47, 46A, 49	ND	No	2,400 sq. ft.	Assumed 2	8
S	Rough plaster ceiling	Room 47, 46A, 46	ND	No	1,800 sq. ft.	3-5% Chrysotile	8
M	12" straight peg hole ceiling tile	Room 50, room 46, 46A and 47 (50 is nailed on)	ND	Yes	2,700 sq. ft.	None Detected	N/A
M	HVAC duct joint compound	Mechanical rooms 48, 46A	ND	No	10 sq. ft.	None Detected	N/A
M	9" cream-floor tile and mastic	Room 49 under carpet	ND	No	300 sq. ft.	Pos	8
T.S.I.	Duct insulation	Attic above room 46A	ND	Yes	20 sq. ft.	Pos	8

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Building G

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
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- (1) S: surfacing, TSI: thermal system insulation, M: miscellaneous
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ASSUMED 2 = not enough samples collected, material is assumed asbestos-containing
(4) For response actions 1–8 refer to "Response Action Ratings Sheet"

Client: Santa Monica-Malibu Unified School District

Project No.: 110-0006

Project Name: AHERA 3-year re-inspection-Grant ES

Building H

Material Class (1)	Material	Material Location	Current Assessment (2)	Frangible (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	12" gray speckled floor tile	Room 59, room 60, room 62	ND	No	3,100 sq. ft.	None Detected	N/A
M	4 inch black cove base and glue	Room 59, Room 61, dining room, kitchen	ND	No	500 in. ft.	assumed 1	8
M	4 inch gray cove base and glue	Room 60, room 62, 63, 64, custodian room, work room 68, room 57, room 54	ND	No	850 in. ft.	assumed 1	8
M	12" light blue speckled floor tile	Room 60	ND	No	1,050 sq. ft.	assumed 1	8
M	12" light blue marbled pattern floor tile	Room 62, 63, work room 68, custodian room, room 57	ND	No	1,300 sq. ft.	assumed 1	8
M	Carpet glue with residual mastic	Room 62, 63, 64, room 57	ND	No	5,400 sq. ft.	None Detected	N/A
M	12" black with white floor tile	Dining room	ND	No	2,600 sq. ft.	None Detected	N/A
M	Light green with black and white floor sheeting	Kitchen	ND	No	900 sq. ft.	None Detected	N/A
M	HVAC joint compound	Rooms 59-63 mechanical rooms	ND	No	20 sq. ft.	assumed 1	8
M	Heater units	Rooms 59-63	ND	No	3 each	Assumed 2	8
M	12" straight peghole ceiling tile and mastic	Room 59, 60, 61, 62, 63, 64, 54, dining area, room 57	ND	No	8,200 sq. ft.	None Detected	
M	Drywall joint compound	Rooms 59-63, mechanical room	ND	No	1,500 sq. ft.	None Detected	N/A
M	Drywall joint compound	Rooms 59-63, mechanical room	ND	No	1,500 sq. ft.	None Detected	N/A
M	Window putty	Exterior windows north side	ND	No	800 in. ft.	None Detected	N/A
M	Gray rolled on roof core	Roof	ND	No	9,500 sq. ft.	Assumed	8
M	Roof mastic	Roof penetration	ND	No	100 sq. ft.	Assumed	8

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Building H

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	Heater/Unit/gaskets	Rooms 59-63	ND	No	5 each	Assumed	8
S	Rough plaster ceiling	Rooms 59-64, room 54, 57, dining area custodian room	ND	No	7,400 sq. ft.	3-5% Chrysotile	8
S	Smooth plaster wall	Room 59 restrooms, workroom 68, dining room	ND	No	3,100 sq. ft.	None Detected	N/A
S	Rough plaster wall	Custodian room, room 5, 59-64, room 54, room 57 corridor	ND	No	7,800 sq. ft.	None Detected	N/A
S	Smooth plaster ceiling	Rooms 59 restrooms work, room 68, kitchen	ND	No	1,700 sq. ft.	None Detected	N/A
S	Stucco	Exterior walls	ND	No	7,100 sq. ft.	2% Chrysotile	8
M	2x4 fissured laid in ceiling panel	Dining room	ND	No	2,200 sq. ft.	None Detected	N/A

(1) S: surfacing, TSI: thermal system insulation, M: miscellaneous

(2) ND: not damaged, D: damaged, SD: significantly damaged

(3) POS: previously identified as positive, NEG: previously identified as negative, ASSUMED 1 = new material, not sampled, assumed asbestos-containing; ASSUMED 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

Client: Santa Monica-Malibu Unified School District

Project No.: 110-0006

Project Name: AHERA 3-year re-inspection-Grant ES

Building J

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	4" dark green cove base and glue	Rooms 80-83	ND	No	450 ln. ft	None Detected	N/A
M	12" white with blue floor tile	Rooms 80-83 at entrances and east sides	ND	No	1,200 sq. ft	None Detected	N/A
M	2x4 fissured ceiling panel	Rooms 80-83 at entrances and east sides	ND	Yes	4,000 sq. ft	None Detected	N/A
M	Carpet glue	Rooms 80-83	ND	No	3,200 sq. ft	None Detected	N/A
M	Chalkboard	Room's 80-83	ND	No	8 each	Assumed 2	8
M	Drywall	Rooms 80-83	ND	No	3,500 sq. ft	None Detected	N/A
S	Drywall joint compound	Rooms 80-83	ND	No	3,500 sq. ft	None Detected	N/A
M	Roofing felt	Roof			4,000 sq. ft.	None Detected	N/A
M	Roofing shingles	Roof			4,000 sq. ft.	None Detected	N/A
M	Black perimeter flashing	Roof			400 sq. ft.	None Detected	N/A
M	Silver coat flashing	Roof perimeter and center and roof penetrations			200 sq. ft.	Assumed	8
S	Stucco	Exterior walls and soffit	ND	No	2,800 sq. ft	None Detected	N/A

(1) S: surfacing, TSI: thermal system insulation, M: miscellaneous

(2) ND: not damaged, D: damaged, SD: significantly damaged

(3) POS: previously identified as positive, NEG: previously identified as negative, ASSUMED 1 = new material, not sampled, assumed asbestos-containing; ASSUMED 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

Client: Santa Monica-Malibu Unified School District

Project No.: 110-0006

Project Name: AHERA 3-year re-inspection-Grant ES

Building K

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3), or Sample #	Recommendations/ Response Action (4)
M	Carpet glue with residual mastic	Rooms 13, 14, 15 and conference room	ND	No	2,600 sq. ft.	None Detected	N/A
M	12" light blue speckled floor tile	Rooms 13, 14, 15 and conference room	ND	No	950 sq. ft.	None Detected	N/A
M	4" gray cove base and glue	Room 13, 14, 15 and conference room	ND	No	410 ln. ft.	None Detected	N/A
M	12" straight peghole ceiling tile and glue	Room 13 & 14	ND	Yes	2,000 sq. ft.	None Detected	N/A
M	HVAC joint compound	Rooms 12, 14 and 15 mechanical room	ND	No	15 sq. ft.	None Detected	N/A
M	Heater unit	Rooms 13, 14, 15 mechanical rooms	ND	No	3 each	Assumed 2	8
M	Chalkboard	Rooms 13-15	ND	No	6 each	Assumed 2	8
M	Drywall joint compound	Conference room, room 15 east wall	ND	No	1,200 sq. ft.	None Detected	N/A
M	Drywall joint compound	Rooms 13, 14, 15 mechanical rooms	ND	No	900 sq. ft.	None Detected	N/A
M	Drywall joint compound	Rooms 13, 14, 15 mechanical rooms	ND	No	900 sq. ft.	None Detected	N/A
M	Stucco	Exterior walls	ND	No	2,700 sq. ft.	None Detected	N/A
M	Roof core	Roof	ND	No	3,800 sq. ft.	Assumed	8
M	Roof mastic	Roof penetrations	ND	No	30 sq. ft.	Assumed	8
M	Rough plaster ceiling	Rooms 13, 14, 15 and conference room	ND	No	3,600 sq. ft.	3-5% Chrysotile	8
S	Rough plaster walls	Rooms 13, 14, 15 and conference room	ND	No	4,200 sq. ft.	None Detected	N/A
M	Window putty	Exterior windows	ND	No	400 ln. ft.	None Detected	N/A
M	2x4 lay-in fissured ceiling panel	Room 15 and conference room	ND	Yes	1,000 sq. ft.	None Detected	N/A

(1) S: surfacing, TSi: thermal system insulation, M: miscellaneous

Client: Santa Monica-Malibu Unified School District
Project No.: 110-0006
Project Name: AHERA 3-year re-inspection-Grant ES

Building K

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
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- (2) ND: not damaged, D: damaged, SD: significantly damaged
(3) POS: previously identified as positive, NEG: previously identified as negative, ASSUMED 1 = new material, not sampled, assumed asbestos-containing; ASSUMED 2 = not enough samples collected, material is assumed asbestos-containing
(4) For response actions 1–8 refer to "Response Action Ratings Sheet"

Client: Santa Monica-Malibu Unified School District
Project No.: 110-0006
Project Name: AHERA 3-year re-inspection-Grant ES

Walkways

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
S	Exterior stucco	Walkway ceilings A-E, G, H & K	ND	No	4,500 sq. ft	None Detected	

- (1) S: surfacing, TSI: thermal system insulation, M: miscellaneous
(2) ND: not damaged, D: damaged, SD: significantly damaged
(3) POS: previously identified as positive, NEG: previously identified as negative, ASSUMED 1 = new material, not sampled, assumed asbestos-containing; ASSUMED 2 = not enough samples collected, material is assumed asbestos-containing
(4) For response actions 1–8 refer to "Response Action Ratings Sheet"

Appendix B

Previous Inspection Report

**COMPREHENSIVE ASBESTOS
SURVEY PROJECT RECORD**

**Grant Elementary School
2368 Pearl Street
Santa Monica, California 90405**

Prepared for:

**Santa Monica - Malibu Unified School District
1651 16th Street
Santa Monica, California 90404**

Prepared by:

**CTL Environmental Services
24404 South Vermont Avenue, Suite 307
Harbor City, California 90710
(310) 530-5006**

November 28, 2007
CTL Project No. 107-0008

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Summary of Bulk Sample Analysis
Sample Identification
Sample Description
Estimated Quantities

B. Laboratory Analysis Reports

C. Sample Location Map

D. CTL Employee Certifications

E. Previous Survey Record

EXECUTIVE SUMMARY



CTL Environmental Services

24404 South Vermont Avenue, Suite 307 • Harbor City, CA 90710 • TEL: (310) 530-5006 • FAX: (310) 530-0792

REPORTED: November 28, 2007

CTL JOB NO.: 107-0008

CLIENT: Santa Monica - Malibu Unified School District
1651 16th Street
Santa Monica, California 90404

ATTENTION: Mr. Wally Berriman

RE: **Comprehensive Asbestos Survey**
Grant Elementary School
2368 Pearl Street
Santa Monica, California 90405

INVESTIGATION

On March 20th – 26th, 2007, CTL Environmental Services (CTL) conducted an investigation for the presence of asbestos-containing materials (ACMs) at the subject property. The survey included:

- (a) Review of existing survey information
- (b) An investigation to locate accessible suspect ACMs;
- (c) Physical assessment of suspect materials;
- (d) The collection of bulk samples from suspect materials;
- (e) Laboratory analysis of all collected samples

Santa Monica - Malibu Unified School District, located in Santa Monica, California, retained CTL for this investigation. Victor Sanchez, an EPA-accredited Building Inspector and Cal-OSHA Certified Site Surveillance Technician and Ernest Acevedo an EPA-Accredited Building Inspector employed by CTL, conducted the sampling.

METHODOLOGY

The sampling was conducted using guidelines set forth in Federal Register 40 *CFR Part 763*.

Based on the requirements of the United States Environmental Protection Agency (USEPA) as set forth in 40 *CFR 763*, a homogeneous area is defined as “an area of surfacing material, thermal system insulation material, or miscellaneous material that is uniform in color and texture. Furthermore, the regulation requires that a minimum number of samples be collected from each identified homogeneous area. If one sample in a homogeneous area is found to contain asbestos, the entire homogeneous area is considered to be asbestos containing.

It is possible that one sample out of a set of samples collected from a homogeneous area can be positive for asbestos and the remaining samples in the homogeneous area are negative. However, the entire area must be considered as asbestos containing.

Caution is advised in interpreting results provided herein.

Bulk samples collected from designated areas at the subject site were subsequently analyzed by Polarized Light Microscopy (PLM) for asbestos content in accordance with the USEPA *Determination of Asbestos in Bulk Building Materials: EPA/600/R-93/116, July, 1993*, at AmeriSci Los Angeles a NVLAP-accredited laboratory in Carson, California.

RESULTS

The following samples were found to be asbestos-containing:

Building A

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Heater units/gaskets	NA	Room 2-5	Assumed
Chalkboard	NA	Room 2-5	Assumed
Rolled on roof core	NA	Roof	Assumed
Roof mastic	NA	Roof penetrations	Assumed

Building B

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Gray rolled on roof core	NA	Roof	Assumed
Roof mastic	NA	Roof penetrations	Assumed
Chalkboard	NA	Rooms 26-29	Assumed
Heater Units/gaskets	NA	Heater rooms	Assumed
Results from previous Cape Environmental's 1993 survey report			
Rough plaster ceiling	G0301-G0319	Rooms 26-29, rooms 29B	3%-5% Chrysotile
Stucco	G0501 - G0507	Exterior walls	2% Chrysotile

Building C and C south

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Heater units/gaskets	NA	Rooms 30, 31 and 37-40	Assumed
Chalkboards	NA	Rooms 30, 31 and 37-40	Assumed
Roof Core	NA	Roof	Assumed
Roof mastic	NA	Roof penetrations	Assumed
Results from previous Cape Environmental's 1993 survey report			
Rough plaster ceiling	G0301-G0319	Custodian room 32, custodian room 36, rooms 31 and 37-40 including closets	3%-5% Chrysotile
Stucco	G0501 - G0507	Exterior walls	2% Chrysotile

Building D and E, 2nd Floor

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Window putty	3247	Exterior windows	<1% Chrysotile
Carpet glue with residual mastic	3248	Rooms 24 & 25 under carpet	<1% Chrysotile
Gray rolled on roof core	NA	Roof penetrations	Assumed
Roof mastic	NA	Roof penetrations	Assumed
Heater unit/gaskets	NA	Rooms 24 and 25	Assumed
Chalkboard	NA	Rooms 24 and 25	Assumed
Results from previous Cape Environmental's 1993 survey report			
Rough plaster ceiling	G0301 - G0319	Work room, nurses, main, principal, assistant principal, room 24, 25 including closets	3-5% Chrysotile
Stucco	G0501 - G0507	All exterior walls	2% Chrysotile

Building E

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Roof core	NA	Roof	Assumed
Roof mastic	NA	Roof penetration	Assumed
Vibration reducer	3260	Mechanical room 2	65% Chrysotile
Fire door	NA	Basement, mechanical room 1 and 2	Assumed
Stucco	3309	Exterior walls	None Detected
Results from previous Cape Environmental's 1993 survey report			
Rough plaster ceiling	G0301 - G0319	Storage 1, southeast entry way basement	3-5% Chrysotile
Duct insulation, aircell	G1401 - G1403	Attic	50%-65% Chrysotile
9" brown floor tile	G1101	Auditorium (under 1" thick vinyl flooring/plastic)	10% Chrysotile -tile and mastic
Stucco	G0501 - G0507	Exterior walls (same as 3309 from above)	2% Chrysotile

Building H

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Gray rolled on roof core	NA	Roof	Assumed
Roof mastic	NA	Roof penetration	Assumed
Heater unit/gasket	NA	Rooms 59-63	Assumed
Results from previous Cape Environmental's 1993 survey report			
Rough plaster ceiling	G0301 - G0319	Rooms 59-64, room 54, 57, dining area custodian room	3-5% Chrysotile
Stucco	G0501 - G0507	Exterior walls	2% Chrysotile

Building K

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Roof core	NA	Roof	Assumed
Heater units/gaskets	NA	Rooms 13, 14, 15 mechanical rooms	Assumed
Roof mastic	NA	Roof penetrations	Assumed
Chalkboard	NA	Rooms 13-15	Assumed
Results from previous Cape Environmental's 1993 survey report			
Rough plaster ceiling	G0301 - G0319	Rooms 13, 14, 15 and conference room	3-5% Chrysotile

Building G

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Rolled on roof core	NA	Roof penetrations	Assumed
Roof mastic	NA	Room 50, 46, 47 room 49	Assumed
Heater unit/gaskets	NA	Mechanical rooms 48, 46A	Assumed
Chalk boards	NA	Rooms 47, 46 and 50	Assumed
Results from previous Cape Environmental's 1993 survey report			
Rough plaster ceiling	G0301 - G0319	Room 47, 46A, 46	3-5% Chrysotile
9" cream floor tile and mastic	G1001	Room 49 under carpet	4%-10% Chrysotile -tile and mastic
Duct insulation	G0901	Attic above room 46A	65% Chrysotile

Building J

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Chalkboard	NA	Rooms 80-83	Assumed
Results from previous Cape Environmental's 1993 survey report			
Silver coat flashing	G2801	Roof perimeter and center and roof penetrations	Assumed

Building F (Library)

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Drywall joint compound	3266 - 3267	Library room 51A and 51B and hall	2% Chrysotile
Roof core	NA	Roof	Assumed
Roof mastic	NA	Roof penetrations	Assumed
Results from previous Cape Environmental's 1993 survey report			
Stucco	G0507	Exterior walls	2% Chrysotile
12" fissured white ceiling tile mastic	G1802, G1803	Library room 51A, walls and ceiling	Assumed

Walkways

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Roofed on roof core	NA	Walkway room	Assumed

The results for all other materials sampled were reported as "None Detected" based upon the limitations of the analytical method. Please refer to the attached Material Inventory for a complete listing of materials sampled, locations and material conditions.

If any materials are found to contain more than one-tenth of one percent asbestos by weight as determined by Polarized Light Microscopy (PLM) method of analysis, Cal-OSHA mandates that the material(s) be treated as an asbestos-containing construction material (ACCM) and are subject to regulation under *CCR Title 8, Section 1529*.

If any materials are found to contain more than one percent asbestos by weight as determined by Polarized Light Microscopy (PLM) method of analysis, U.S. EPA mandates that the material(s) be treated as asbestos containing materials (ACM) and are subject to regulation under *40 CFR 61*.

The Occupational Safety and Health Administration (OSHA) considers sheetrock (drywall) and joint compound to be separate materials and therefore must be analyzed separately for asbestos content (OSHA Standards Interpretation and Compliance Letters 04/28/1997 – Sheetrock and Joint Compound).

All repair and/or removal work and subsequent disposal should be performed by a licensed asbestos abatement contractor prior to any disturbance of any materials determined to contain asbestos.

For the ACMs identified in this report, dry sawing, sanding, or drilling should be avoided. Additional suspect materials may be exposed during demolition and/or renovation activities; such materials should be sampled and analyzed prior to further disturbance.

RECOMMENDATIONS

Asbestos-containing materials should be monitored and maintained as part of the school's operations and maintenance program until renovation or demolition activities require removal, or until material becomes significantly damaged, or the hazard potential changes. Remove or repair these items when practical and cost effective in conjunction with an EPA-accredited Project Designer.

ASSUMPTIONS AND LIMITATIONS

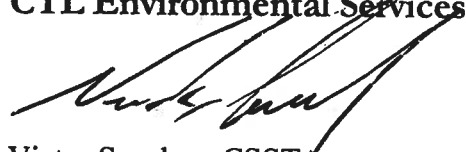
This report has been prepared for the exclusive use of Santa Monica - Malibu Unified School District. In performing our professional services, we have applied present engineering and scientific judgment and used a level of effort consistent with the standard of practice measured on the date of work in the locale of the project site for similar type studies.

CTL has relied in good faith upon representations and information furnished by individuals with respect to operations and existing property conditions to the extent that they have not been contradicted by data obtained from other sources. Accordingly, CTL accepts no responsibility for any deficiencies, omissions, misrepresentations, or fraudulent acts of persons interviewed. In addition, CTL will not accept liability for any loss, injury, claim, or damage arising directly or indirectly from any use or reliance on this report. CTL makes no warranty, expressed or implied.

Material quantities are in some cases listed within this document. These quantities are not intended to be used for removal bidding purposes, nor is this document intended as a contract manual. Work methods and sequence, coordination of participants, applicable codes, engineering controls, required submittals, and notifications should in all cases be addressed in a separate and independent bidding and contract document.

If you have any questions, please feel free to contact the undersigned at (310) 530-5006. CTL appreciates the opportunity to be of service to Santa Monica - Malibu Unified School District.

Respectfully submitted by,
CTL Environmental Services



Victor Sanchez, CSST
Cal-OSHA Cert. #01-2872

Reviewed by,
CTL Environmental Services



Marie Tullai, CIH
Director, Workplace Health and Safety Division
Certified Asbestos Consultant
Cal-OSHA Cert. #92-0218

VS/lb
Attachments

APPENDIX A

MATERIAL INVENTORIES:

**SUMMARY OF BULK SAMPLE ANALYSIS
SAMPLE IDENTIFICATION
SAMPLE DESCRIPTION
ESTIMATED QUANTITIES**

MATERIAL INVENTORY ASBESTOS

CLIENT: Santa Monica-Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Grant Elementary School

Page 1 of 19

Building A

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
4 inch gray cove base and glue	Same as 3227	None Detected	Building B	Rooms 2-5	350 ln. ft.	No	No
12" light blue marbled pattern floor tile	Same as 3229	None Detected	Building B	Rooms 2-5	1,600 sq. ft.	No	No
Carpet glue	Same as 3230	None Detected	Building B	Rooms 2-5	2,800 sq. ft.	No	No
2x4 fissured ceiling panel	3233	None Detected	Room 5 work room, center	Room 5, work room	200 sq. ft.	No	No
Heater units/gaskets	NA	Assumed	No sample collected to avoid damage	Room 2-5	4 each	No	No
Chalkboard	NA	Assumed	No sample collected to avoid damage	Room 2-5	8 each	No	No
Rolled on roof core	NA	Assumed	No sample collected to avoid damage	Roof	4,600 sq. ft.	No	No
Roof mastic	NA	Assumed	No sample collected to avoid damage	Roof penetrations	20 sq. ft.	No	No
Drywall joint compound	3234	None Detected	Room 2, southeast	Restroom (all) custodian room, heater closets, room 5 work room	2,500 sq. ft.	No	No
HVAC joint compound	3235	None Detected	Room 5, heater closet, southeast	Room 2-5, heater closets	10 sq. ft.	No	No
12" Straight peg hole ceiling tile	3236	None Detected	Room 5, southwest	Room 5, rooms 2-5 walls and ceiling (nailed on/screwed on)	5,000 sq. ft.	Yes	No
Results from previous Cape Environmental's 1993 survey report							
Window putty	G3202	None Detected	Previously sampled	Exterior windows	3,000 ln. ft.	Yes	No
Stucco	G0504	None Detected	Previously sampled	Exterior walls	2,500 sq. ft.	No	No
9" tan floor tile and mastic	G0801		Material not observed as stated on the previous survey				
Steam system pipe insulation and fitting	G2101, G2201		Material not observed as stated on the previous survey				

Notes: Interior walls and ceilings in the classrooms are wood. Ceiling tiles are nailed on to support beams (2x4).

MATERIAL INVENTORY ASBESTOS

CLIENT: Santa Monica-Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Grant Elementary School

Page 2 of 19

Building B

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
12" straight peg hole ceiling tile and glue	3226	None Detected	Room 27, northwest	Rooms 26-29, 1	4,800 sq. ft.	No	No
4 inch gray cove base and glue	3227	None Detected	Room 29, southeast	Rooms 26-29, storage rooms, work room closets	525 ln. ft.	No	No
12 inch light blue speckled floor tile	3228	None Detected	Room 29, west center at entrance	Rooms 26-29, entrances	400 sq. ft.	No	No
12" light blue marbled pattern floor tile	3229	None Detected	Room 29, south center	Room 26-29, closets, work room, storage area	1,200 sq. ft.	No	No
Drywall	3231	None Detected	Room 27 work room, northwest	Room 27 restrooms and workroom, room 26 restrooms, storage room	1,600 sq. ft.	No	No
Drywall joint compound	3232	None Detected	Room 27 work room, northwest	Room 27 restrooms and workroom, room 26 restrooms, storage room	1,600 sq. ft.	No	No
HVAC joint compound	Same as 3235	None Detected	Building A	Heater rooms	30 sq. ft.	No	No
Carpet glue	3230	None Detected	Room 26, center	Rooms 26-29	3,400 sq. ft.	No	No
Gray rolled on roof core	NA	Assumed	No sample collected to avoid damage	Roof	6,000 sq. ft.	No	No
Roof mastic	NA	Assumed	No sample collected to avoid damage	Roof penetrations	40 sq. ft.	No	No
Chalkboard	NA	Assumed	No sample collected to avoid damage	Rooms 26-29	10 each	No	No
Heater Units/Gaskets	NA	Assumed	No sample collected to avoid damage	Heater rooms	4 each	No	No
Results from previous Cape Environmental's 1993 survey report							
Rough plaster ceiling	G0301-G0319	3%-5% Chrysotile	Previously Sampled	Rooms 26-29, rooms 29B	5,200 sq. ft.	Yes	No
12" straight peg hole ceiling tile	G1602	None Detected	Previously Sampled	Rooms 26-29, 1	4,800 sq. ft.	No	No
12" straight peg hole ceiling tile	G1603	None Detected	Previously Sampled	Rooms 26-29, 1	4,800 sq. ft.	No	No
Window putty	G3203	None Detected	Previously Sampled	Room 26 and work room 26A	200 ln. ft.	No	No

MATERIAL INVENTORY ASBESTOS

CLIENT: Santa Monica-Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Grant Elementary School

Building B

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Stucco	G0501 -	2% Chrysotile	Previously Sampled	Exterior walls	3,600 sq. ft.	No	No
Smooth plaster ceiling	G0104		Material not observed as stated on the previous survey				
Smooth plaster walls	G0205		Material not observed as stated on the previous survey				
9" beige floor tile and mastic	G1301		Material not observed as stated on the previous survey				
Sink undercoat	G3103		Material not observed as stated on the previous survey				
Rough plaster walls	G0401 -	None Detected	Previously Sampled	Rooms 26-29 and 29B	4,900 sq. ft.	No	No

MATERIAL INVENTORY ASBESTOS

CLIENT: Santa Monica-Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Grant Elementary School

Page 4 of 19

Building C and C south

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
12" straight peg hole ceiling tile	3237	None Detected	Room 40, west center	Room 37-40, room 31	6,200 sq. ft.	No	No
Window putty	3238	None Detected	East building , southwest	East, west buildings exterior windows, C building, west end	400 ln. ft.	No	Yes
4 inch gray cove base and glue	Same as 3227	None Detected	Building B	Room 41, custodian room 36, room 35, custodian room 32, rooms 31, 37-40	700 ln. ft.	No	No
12" light blue speckled floor tile	Same as 3228	None Detected	Building B	Room 35, rooms 30, 31, 37-40 at entrances	800 sq. ft.	No	No
12" light blue marbled pattern floor tile	Same as 3228	None Detected	Building B	Room 41, custodian room 36, custodian room 32, rooms 30, 31, 37-40	1,600 sq. ft.	No	No
Carpet glue	Same as 3230	None Detected	Building B	Rooms 31 and 37-40	4,000 sq. ft.	No	No
Drywall joint compound	3239	None Detected	Room 30, northwest	Building east, west all restrooms, room 41, room 35 and room 30	3,500 sq. ft.	No	No
Drywall	3240	None Detected	Mechanical room, room 37, southeast	Rooms 37-40 heater closets/mechanical rooms	1,200 sq. ft.	No	No
Drywall joint compound	3241	None Detected	Mechanical room, room 37, southeast	Rooms 37-40 heater closets/mechanical rooms	1,200 sq. ft.	No	No
Drywall joint compound	3242	None Detected	Mechanical room 31, southwest	Rooms 37-40 heater closets/mechanical rooms	1,200 sq. ft.	No	No
Drywall joint compound	3243	None Detected	Mechanical room , room 38, southeast	Rooms 37-40 heater closets/mechanical rooms	1,200 sq. ft.	No	No
Drywall joint compound	3244	None Detected	Mechanical room, room 39, southeast	Rooms 37-40 heater closets/mechanical rooms	1,200 sq. ft.	No	No
Drywall joint compound	3245	None Detected	Mechanical room, room 40, southwest	Rooms 37-40 heater closets/mechanical rooms	1,200 sq. ft.	No	No
Heater unit/gasketss	NA	Assumed	No sample collected to avoid damage	Rooms 30, 31 and 37-40	6 each	No	No
Chalkboards	NA	Assumed	No sample collected to avoid damage	Rooms 30, 31 and 37-40	12 each	No	No

CLIENT:
PROJECT NO:
PROJECT NAME:

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Roof Core	NA	Assumed	No sample collected to avoid damage	Roof	7,000 sq. ft.	No	No
Roof mastic	NA	Assumed	No sample collected to avoid damage	Roof penetrations	40 sq. ft.	No	No
Results from previous Cape Environmental's 1993 survey report							
Smooth plaster ceiling	G0101 -	None Detected	Previously Sampled	Room 41, restrooms 36A, 36B	650 sq. ft.	No	No
Smooth plaster wall	C0201 -	None Detected	Previously Sampled	Room 41, restrooms 36A, 36B	1,250 sq. ft.	No	No
Rough plaster ceiling	G0301-G0319	3%-5% Chrysotile	Previously Sampled	Custodian room 32, custodian room 36, rooms 31 and 37-40 including closets	6,800 sq. ft.	No	No
Stucco	G0501 -	2% Chrysotile	Previously Sampled	Exterior walls	5,500 sq. ft.	No	No
Stucco	G0503	None Detected	Previously Sampled	Exterior walls	5,500 sq. ft.	No	No
12" straight peg hole ceiling tile and mastic	G1702	None Detected	Previously Sampled	Rooms 37-40, room 31	6,200 sq. ft.	Yes	No
9" floor tile and mastic	G1501						
Brown-red linoleum and mastic	G2501						
				Material not observed as stated on the previous survey			
				Material not observed as stated on the previous survey			

MATERIAL INVENTORY **ASBESTOS**

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Building D and E, 2nd Floor

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
12" straight peg hole ceiling tile and mastic	3246	None Detected	Nurses office, northeast	Work room 23, main office, principal's office, assistant's offices, office 21, nurse's office, rooms 24 & 25	4,600 sq. ft.	Yes	No
12" light blue marbled pattern floor tile	Same as 3229	None Detected	Building B	Work room 23, main office, principal's office, assistant's offices, office 21, main office	2,700 sq. ft.	No	No
4" gray cove base and glue	Same as 3227	None Detected	Building B	Work room offices, principal's office, assistant's office, room 24 and 25 including closets	650 ln. ft.	No	No
Window putty	3247	<1% Chrysotile	Exterior of work room 23, south center	Exterior windows	200 ln. ft.	No	No
Carpet glue with residual mastic	3248	<1% Chrysotile	Room 25 center	Rooms 24 & 25 under carpet	2,100 sq. ft.	No	No
Drywall joint compound	3249	None Detected	Room 24 restrooms, northwest	Room 24 restrooms, nurses restrooms, men and women's restrooms	1,800 sq. ft.	No	No
4" black cove base and glue	3250	None Detected	Work room 23, northwest	Work room 23, north	70 ln. ft.	No	No
12" straight peg hole wall tile and glue	3251	None Detected	Second floor work room, west center (building E)	Second floor work room and lounge room walls and ceilings	1,900 sq. ft.	Yes	No
Brown, white and black floor tile	3252	None Detected	Hall, northeast	Hall	200 sq. ft.	No	No
4" beige cove base and glue	3253	None Detected	Hall, northeast	Hall	40 ln. ft.	No	No
Stucco barrier paper	3254	None Detected	Electric room, northeast	Behind Stucco (exterior walls)	5,500 sq. ft.	No	No
Drywall	3311	None Detected	Room 25 mechanical room, southwest	Room 24, 25, mechanical rooms	650 sq. ft.	No	No
Drywall joint	3312	None Detected	Room 25 mechanical room, southwest	Room 24, 25, mechanical rooms	650 sq. ft.	No	No
HVAC joint compound	Same as 3235	None Detected	Building A	Rooms 24 and 25, mechanical room	8 sq. ft.	No	No

MATERIAL INVENTORY ASBESTOS

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Building D and E, 2nd Floor

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Gray rolled on roof core	NA	Assumed	No sample collected to avoid damage	Roof penetrations	5,800 sq. ft.	No	No
Roof mastic	NA	Assumed	No sample collected to avoid damage	Roof penetrations	50 sq. ft.	No	No
Heater unit/gaskets	NA	Assumed	No sample collected to avoid damage	Rooms 24 and 25	2 each	No	No
Chalkboard	NA	Assumed	No sample collected to avoid damage	Rooms 24 and 25	4 each	No	No
Results from previous Cape Environmental's 1993 survey report							
Smooth plaster ceiling	G0101 -	None Detected	Previously Sampled	Restrooms	650 sq. ft.	No	No
Smooth plaster wall	G0201 - G0207	None Detected	Previously Sampled	All areas of the building except rooms 24, 25 and mechanical rooms	4,500 sq. ft.	No	No
Rough plaster ceiling	G0301 - G0319	3-5% Chrysotile	Previously Sampled	Work room, nurses, main, principal, assistant principal, room 24, 25 including closets	4,600 sq. ft.	No	No
Rough plaster wall	G0401 - G0407	None Detected	Previously Sampled	Work room, nurses, main, principal, assistant principal, room 24, 25 including closets	44 sq. ft.	No	No
Stucco	G0501 -	2% Chrysotile	Previously Sampled	All exterior walls	5,500 sq. ft.	No	No
Red linoleum and mastic	G2301	None Detected - tile and mastic	Previously Sampled	Stairs to 2nd floor and landing (stairwell)	100 sq. ft.	No	No
2x4 large fissured ceiling panel	G1902	None Detected	Previously Sampled	Teacher lounge room, second floor (building E)	900 sq. ft.	No	No
2'x2' ceiling tile straight peg hole	G2001	Material not observed as stated on the previous survey					

Note: Building E, second floor is located on top of east side of building D, also acting as an arcade connection building E (auditorium).

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Building E

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall joint compound	3258	None Detected	Stage area, northwest	Storage area east and west dividing walls	800 sq. ft.	No	No
Window putty	3259	None Detected	Northwest	North exterior windows	1,100 ln. ft.	No	No
Roof core	NA	Assumed	No sample collected to avoid damage	Roof	2,400 sq. ft.	No	No
Roof mastic	NA	Assumed	No sample collected to avoid damage	Roof penetration	25 sq. ft.	No	No
12" light blue marbled pattern floor tile	Same as 3229	None Detected	Building B	Southeast entry way (stage room)	40 sq. ft.	No	No
4" gray cove base and glue	Same as 3227	None Detected	Building B	Southeast entry way (stage room)	60 ln. ft.	No	No
Vibration reducer	3260	65% Chrysotile	Mechanical room 2, center	Mechanical room 2	1 each	Yes	Yes
Fire door	NA	Assumed	No sample collected to avoid damage	Basement, mechanical room 1 and 2	2 each	No	No
Stucco	3309	None Detected	Northwest	Exterior walls	2,600 sq. ft.	No	No
Results from previous Cape Environmental's 1993 survey report							
Smooth plaster ceiling	G0101 - G0107	None Detected	Previously Sampled	Storage area east and west dividing walls	800 sq. ft.	No	No
Smooth plaster wall	G0201 -	None Detected	Previously Sampled	Auditorium and stage area	3,000 sq. ft.	No	No
Rough plaster ceiling	G0301 - G0319	3-5% Chrysotile	Previously Sampled	Storage 1, southeast entry way basement	800 sq. ft.	No	No
Rough plaster wall	G0401 - G0407	None Detected	Previously Sampled	Storage 1, southeast entry way basement	1,650 sq. ft.	No	No
Duct insulation, aircell	G1401 -	50%-65% Chrysotile	Previously sampled	Attic	1,200 sq. ft.	No	No
9" brown floor tile	G1101	10% Chrysotile -tile and mastic	Previously sampled	Auditorium (under 1" thick vinyl flooring/plastic)	2,100 sq. ft.	No	No
Stucco	G0501 - G0507	2% Chrysotile	Previously Sampled	Exterior walls (same as 3309 from above)	2,600 sq. ft.	No	No

Note: Attic space is contaminated with duct insulation (throughout). Per school principal 9" brown floor tile remains under vinyl flooring/plastic which I tried to verified but it was approximately 1" thick and hard to pull.

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Building F (Library)

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Carpet glue	3264	None Detected	Library, northwest	Library room 51A and 51B and hall	2,200 sq. ft.	Yes	No
4" purple cove base and glue	3265	None Detected	Library, northwest	Library room 51A and 51B and hall	375 ln. ft.	No	No
Drywall joint compound	3266	2% Chrysotile	Library, southwest	Library room 51A and 51B and hall	2,750 sq. ft.	No	No
Drywall joint compound	3267	None Detected	Library, east center	Library room 51A and 51B and hall	2,750 sq. ft.	No	No
Roof core	NA	Assumed	No sample collected to avoid damage	Roof	2,400 sq. ft.	No	No
Roof mastic	NA	Assumed	No sample collected to avoid damage	Roof penetrations	10 sq. ft.	No	No

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Building F (Library)

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Results from previous Cape Environmental's 1993 survey report							
Stucco	G0507	2% Chrysotile	Previously sampled	Exterior walls	2,350 sq. ft.	No	No
Gypsum wall boards with joint compound	G0701	None Detected	Previously sampled	Library room 51A and 51B and hall (same as 3266, 3267 from above)	2,750 sq. ft.	No	No
Gypsum wall boards with joint compound	G0702	None Detected	Previously sampled	Library room 51A and 51B and hall (same as 3266, 3267 from above)	2,750 sq. ft.	No	No
Gypsum wall boards with joint compound	G0703	None Detected	Previously sampled	Library room 51A and 51B and hall (same as 3266, 3267 from above)	2,750 sq. ft.	No	No
12" fissured white ceiling tile mastic	G1802, G1803	Assumed	Previously sampled	Library room 51A, walls and ceiling	2,000 sq. ft.	Yes	No

Note: Hall between building F and G appears to have been added to connect buildings

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Building G

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall joint compound	3261	None Detected	Room 50, northeast	Room 50, room 47 work room	1,700 sq. ft.	No	No
Window putty	3262	None Detected	Northeast	Exterior walls	900 ln. ft.	No	No
Drywall joint compound	3315	None Detected	Mechanical room 48 southwest	Mechanical rooms 48, 50, 46A	900 sq. ft.	No	No
Drywall joint compound	3316	None Detected	Mechanical room 46A southwest	Roof	900 sq. ft.	No	No
Rolled on roof core	NA	Assumed	No sample collected to avoid damage	Roof penetrations	2,700 sq. ft.	No	No
Roof mastic	NA	Assumed	No sample collected to avoid damage	Room 50, 46, 47 room 49	25 sq. ft.	No	No
Heater unit/gaskets	NA	Assumed	No sample collected to avoid damage	Mechanical rooms 48, 46A	2 each	No	No
Chalk boards	NA	Assumed	No sample collected to avoid damage	Rooms 47, 46 and 50	5 each	No	No
Carpet glue	Same as 3230	None Detected	Building B	Room 50, 46, 47, room 49	2,100 sq. ft.	No	No
12" light blue marbled pattern, floor tile	Same as 3229	None Detected	Building B	Work room, room 46A	350 sq. ft.	No	No
4" black cove base	Same as 3250	None Detected	Building D	Room 50	120 ln. ft.	No	No
12" light blue speckled floor tile	Same as 3228	None Detected	Building B	Room 46, 47 and entry ways, room 49, room 46A entryways	400 sq. ft.	No	No
4" gray cove base and glue	Same as 3227	None Detected	Building B	Rooms 46, 47, 46A, 49	300 sq. ft.	No	No
12" straight peg hole ceiling tile	3263	None Detected	Room 46A, southwest	Room 50, room 46, 46A and 47 (room 50 is nailed on)	2,700 sq. ft.	Yes	No
HVAC duct joint compound	Same as 3235	None Detected	Building A	Mechanical rooms 48, 46A	10 sq. ft.	No	No

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Building G

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Results from previous Cape Environmental's 1993 survey report							
Rough plaster walls	G0401 -	None Detected	Previously Sampled	Rooms 46, 47, 46A, 49	2,400 sq. ft.	No	No
Rough plaster ceiling	G0301 -	3-5% Chrysotile	Previously Sampled	Room 47, 46A, 46	1,800 sq. ft.	No	No
9" cream floor tile and mastic	G1001	4%-10% Chrysotile -tile and mastic	Previously sampled	Room 49 under carpet	300 sq. ft.	No	No
Duct insulation	G0901	65% Chrysotile	Previously sampled	Attic above room 46A	20 sq. ft.	Yes	No
Smooth plaster ceiling	G0103		Material not observed as stated on the previous survey				
Sink undercoat	G3101		Material not observed as stated on the previous survey				

Note: Flexible collars consist of vinyl

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Building H

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
12" gray speckled floor tile	3268	None Detected	Room 59	Room 59, room 60, room 62	3,100 sq. ft.	No	No
4 inch black cove base and glue	Same as 3250	None Detected	Building D	Room 59, Room 61, dining room, kitchen	500 ln. ft.	No	No
4 inch gray cove base and glue	Same as 3227	None Detected	Building B	Room 60, room 62, 63, 64, custodian room, work room 68, room 57, room 54	850 ln. ft.	No	No
12" light blue speckled floor tile	Same as 3228	None Detected	Building B	Room 60	1,050 sq. ft.	No	No
12" light blue marbled pattern floor tile	Same as 3229	None Detected	Building B	Room 62, 63, work room 68, custodian room, room 57	1,300 sq. ft.	No	No
Carpet glue with residual mastic	3269	None Detected	Room 62, center	Room 62, 63, 64, room 57	5,400 sq. ft.	No	No
Drywall joint compound	3270	None Detected	Boys restrooms, southeast	Boys restrooms, girls restroom, restroom, kitchen restrooms	1,800 sq. ft.	No	No
12" black with white floor tile	3325	None Detected	Dining room, northeast	dining room	2,600 sq. ft.	No	No
Light green with black and white floor sheeting	3271	None Detected	Kitchen, southeast	Kitchen	900 sq. ft.	No	No
Drywall joint compound	3317	None Detected	Room 59 mechanical room, southeast	Rooms 59-63, mechanical room	1,500 sq. ft.	No	No
Drywall joint compound	3318	None Detected	Room 62 mechanical room, southwest	Rooms 59-63, mechanical room	1,500 sq. ft.	No	No
Window putty	3319	None Detected	North center	Exterior windows north side	800 ln. ft.	No	No
HVAC joint compound	Same as 3235	None Detected	Building A	Rooms 59-63 mechanical rooms	20 sq. ft.	No	No
Gray rolled on roof core	NA	Assumed	No sample collected to avoid damage	Roof	9,500 sq. ft.	No	No
Roof mastic	NA	Assumed	No sample collected to avoid damage	Roof penetration	100 sq. ft.	No	No
Heater unit/gaskets	NA	Assumed	No sample collected to avoid damage	Rooms 59-63	5 each	No	No

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Building H

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Results from previous Cape Environmental's 1993 survey report							
Rough plaster ceiling	G0301 - G0319	3-5% Chrysotile	Previously Sampled	Rooms 59-64, room 54, 57, dining area custodian room	7,400 sq. ft.	No	No
Smooth plaster wall	G0201 - G0207	None Detected	Previously Sampled	Room 59 restrooms, workroom 68, dining room	3,100 sq. ft.	No	No
Rough plaster wall	G0401 - G0407	None Detected	Previously Sampled	Custodian room, room 5, 59-64, room 54, room 57 corridor	7,800 sq. ft.	No	No
Smooth plaster ceiling	G0101 - G0107	None Detected	Previously Sampled	Rooms 59 restrooms work, room 68, kitchen	1,700 sq. ft.	No	No
12" straight peg hole ceiling tile and mastic	G1601	None Detected	Previously sampled	Room 59, 60, 61, 62, 63, 64, 54, dining area, room 57	8,200 sq. ft.	Yes	No
12" straight peg hole ceiling tile and mastic	G1701	None Detected	Previously sampled	Room 59, 60, 61, 62, 63, 64, 54, dining area, room 57	8,200 sq. ft.	Yes	No
12" straight peg hole ceiling tile and mastic	G1703	None Detected	Previously sampled	Room 59, 60, 61, 62, 63, 64, 54, dining area, room 57	8,200 sq. ft.	Yes	No
2x4 fissured laid in ceiling panel	G1901	None Detected	Previously sampled	dining room	2,200 sq. ft.	No	No
Stucco	G0501 - G1801	2% Chrysotile	Previously Sampled	Exterior walls	7,100 sq. ft.	No	No
12" white fissured ceiling tile			Material not observed as stated on the previous survey				
Brown linoleum flooring and mastic	G2401		Material not observed as stated on the previous survey				

Note: Flexible collars consist of vinyl.

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Building J

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Stucco	3299	None Detected	Northeast	Exterior walls and soffit	2,800 sq. ft.	No	No
Stucco	3300	None Detected	Northwest	Exterior walls and soffit	2,800 sq. ft.	No	No
Stucco	3301	None Detected	Southwest	Exterior walls and soffit	2,800 sq. ft.	No	No
Stucco	3302	None Detected	Southeast	Exterior walls and soffit	2,800 sq. ft.	No	No
Stucco	3303	None Detected	East center	Exterior walls and soffit	2,800 sq. ft.	No	No
Drywall	3289	None Detected	Room 82, northeast	Rooms 80-83	3,500 sq. ft.	No	No
Drywall joint compound	3290	None Detected	Room 82, northeast	Rooms 80-83	3,500 sq. ft.	No	No
Drywall joint compound	3291	None Detected	Room 83, southwest	Rooms 80-83	3,500 sq. ft.	No	No
Drywall joint compound	3292	None Detected	Room 81, southeast	Rooms 80-83	3,500 sq. ft.	No	No
Drywall joint compound	3293	None Detected	Room 81, northwest	Rooms 80-83	3,500 sq. ft.	No	No
Drywall joint compound	3294	None Detected	Room 80, northeast	Rooms 80-83	3,500 sq. ft.	No	No
4" dark green cove base and glue	3295	None Detected	Room 83, northeast	Rooms 80-83	450 ln. ft.	No	No
12" white with blue floor tile	3296	None Detected	Room 82, northeast	Rooms 80-83 at entrances and east sides	1,200 sq. ft.	No	No
2x4 fissured ceiling panel	3297	None Detected	Room 80, center	Rooms 80-83 at entrances and east sides	4,000 sq. ft.	Yes	No
Carpet glue	3298	None Detected	Room 83, center	Rooms 80-83	3,200 sq. ft.	No	No
Chalkboard	NA	Assumed	No sample collected to avoid damage	Rooms 80-83	8 each	No	No
Results from previous Cape Environmental's 1993 survey report							
Roofing felt	G2601	None Detected	Previously sampled	Roof	4,000 sq. ft.	No	No
Roofing shingles	G2901	None Detected	Previously sampled	Roof	4,000 sq. ft.	No	No
Black perimeter flashing	G2701	None Detected	Previously sampled	Roof	400 sq. ft.	No	No
Silver coat flashing	G2801	Assumed	Not sampled to avoid damage to roof	Roof perimeter and center and roof penetrations	200 sq. ft.	No	No

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Building K

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall joint compound	3255	None Detected	Conference room, southwest	Conference room, room 15 east wall	1,200 sq. ft.	No	No
Carpet glue with residual mastic	3256	None Detected	Room 13, center	Rooms 13, 14, 15 and conference room	2,600 sq. ft.	No	No
12" light blue speckled floor tile	Same as 3228	None Detected	Building B	Rooms 13, 14 15 and conference room and entrances	950 sq. ft.	No	No
4" gray cove base and glue	Same as 3227	None Detected	Building B	Room 13, 14, 15 and conference room	410 ln. ft.	No	No
12" straight peg hole ceiling tile and glue	3257	None Detected	Room 13, northwest	Room 13 & 14	2,000 sq. ft.	Yes	No
Drywall joint compound	3313	None Detected	Room 13 mechanical room, northeast	Rooms 13, 14, 15 mechanical rooms	900 sq. ft.	No	No
Drywall joint compound	3314	None Detected	Room 15 mechanical room, northwest	Rooms 13, 14, 15 mechanical rooms	900 sq. ft.	No	No
Stucco	3310	None Detected	Southeast	Exterior walls	2,700 sq. ft.	No	No
HVAC joint compound	Same as 3235	None Detected	Building A	Rooms 12, 14 and 15 mechanical rooms	15 sq. ft.	No	No
Roof core	NA	Assumed	No sample collected to avoid damage	Roof	3,800 sq. ft.	No	No
Heater unit/gaskets	NA	Assumed	No sample collected to avoid damage	Rooms 13, 14, 15 mechanical rooms	3 each	No	No
Roof mastic	NA	Assumed	No sample collected to avoid damage	Roof penetrations	30 sq. ft.	No	No
Chalkboard	NA	Assumed	No sample collected to avoid damage	Rooms 13-15	6 each	No	No
Results from previous Cape Environmental's 1993 survey report							
Rough plaster ceiling	G0301 - G0319	3-5% Chrysotile	Previously Sampled	Rooms 13, 14, 15 and conference room	3,600 sq. ft.	No	No
Rough plaster walls	G0401 - G0407	None Detected	Previously Sampled	Rooms 13, 14, 15 and conference room	4,200 sq. ft.	No	No
Window putty	G3201	None Detected	Previously sampled	Exterior windows	400 ln. ft.	No	No

MATERIAL INVENTORY ASBESTOS

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Building K

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
2x4 lay-in fissured ceiling panel	G1902	None Detected	Previously sampled	Room 15 and conference room	1,000 sq. ft.	Yes	No

Note: Flexible collars consists of vinyl.

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[illegible]

Summary of Surfacing Materials
representative to entire site

CLIENT:

Santa Monica-Malibu Unified School District
107-0008

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NOTES

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	IMPACTED BUILDINGS	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Smooth plaster ceiling	G0101 - G0107	None detected	Buildings B, C, D, E G and H, AC south	Interior ceilings in selected building. Refer to individual building for specific locations within each building	6,000 sq. ft.	No	No
Smooth plaster wall	G0201 - G0207	None detected	Buildings B, C,D, E, H, AC south	Interior wall in selected building. Refer to individual building for specific locations within each building	12,000 sq. ft.	No	No
Rough plaster ceiling	G0301 - G0319	5% Chrysotile	Buildings B, C, D, E, H, K, G	Interior ceilings in selected building. Refer to individual building for specific locations within each building	18,000 sq. ft.	No	No
Stucco	3309, 3310, G0501, G0502, G0503, G0504, G0505	None detected	Building A, B, C, D, E, H, K, G	Exterior walls	29,000 sq. ft.	No	No
Rough plaster wall	G0401 - G0407	None detected	Buildings B, D/E 2nd Floor, E, H, K, G	Interior ceilings in selected building. Refer to individual building for specific locations within each building	28,000 sq. ft.	No	No
Drywall joint compound	3312-3318	None Detected	Buildings A, B, D/E 2nd floor, G, H, K and C and C south	Interior walls in selected building. Refer to individual building for specific locations within each building	14,000 sq. ft.	No	No

APPENDIX B

LABORATORY ANALYSIS REPORTS

**AMERISCI**

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PLM Bulk Asbestos Report

CTL Environmental Services
Attn: Cesar Ruvalcaba
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

Date Received 03/27/07**Date Examined** 04/02/07**AmeriSci Job No.** 907031857**P.O. #** 31041**Page** 1 of 16**RE** 107-0008; Grant E.S; SMMUSD

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3234 1	907031857-01 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
3235	907031857-02 Location: HVAC Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
3233	907031857-03 Location: 2X4 Fissured Ceiling Tile	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Grey/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 5 %, Mineral Wool 50 %, Non-fibrous 45 %			
3236	907031857-04 Location: 12" Straight Peg Hole Ceiling Tile	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Light Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 100 %			
3226	907031857-05 Location: 12" Straight Peg Hole Ceiling Tile Glue	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

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Client Name: CTL Environmental Services

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3227	907031857-06L1 Location: 4in Gray Covebase & Glue	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Grey, Heterogeneous, Non-Fibrous, Basecove Asbestos Types: Other Material: Non-fibrous 100 %			
3227	907031857-06L2 Location: 4in Gray Covebase & Glue	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Calcite 100 %			
3228	907031857-07 Location: 12" Light Blue Speckled Floor Tile	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Light Blue, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Calcite 100 %			
3229	907031857-08L1 Location: 12" Light Blue Marble Pattern Floor Tile	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Blue/White, Heterogeneous, Non-Fibrous, Cementitious, Floor Tile Asbestos Types: Other Material: Cellulose 2 %, Non-fibrous 98 %			
3229	907031857-08L2 Location: 12" Light Blue Marble Pattern Floor Tile	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Blue / White, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
3231	907031857-09 Location: Drywall	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 3 %, Fibrous glass 4 %, Gypsum 93 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3232 1	907031857-10 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez: on 04/02/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Calcite 100 %			
3230	907031857-11 Location: Carpet Glue	No	NAD (by CVES) by John A. Lopez: on 04/02/07
Description: Yellow/ Beige, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Synthetic fibers 4 %, Non-fibrous 96 %			
3237	907031857-12 Location: 12" Straight Peg Hole Ceiling Tile	No	NAD (by CVES) by John A. Lopez: on 04/02/07
Description: Tan, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 100 %			
3238	907031857-13 Location: Window Putty	No	NAD (by CVES) by John A. Lopez: on 04/02/07
Description: Blue/Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Calcite 100 %			
3240	907031857-14 Location: Drywall	No	NAD (by CVES) by John A. Lopez: on 04/02/07
Description: White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 3 %, Fibrous glass 2 %, Non-fibrous 95 %			
3241 2	907031857-15 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez: on 04/02/07
Description: White/Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 2 %, Non-fibrous 98 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3242 2	907031857-16 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White/Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
3243 2	907031857-17 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White/Beige/Yellow, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 3 %, Non-fibrous 97 %			
3244 2	907031857-18 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White/Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 3 %, Calcite 97 %			
3245 2	907031857-19 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White/Beige/Yellow, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 3 %, Non-fibrous 97 %			
3246 2	907031857-20L1 Location: 12" Straight Peg Hole Ceiling Tile & Mastic	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Beige / White, Heterogeneous, Fibrous, Ceiling Tile Asbestos Types: Other Material: Cellulose 6 %, Mineral Wool 55 %, Non-fibrous 39 %			
3246 2	907031857-20L2 Location: 12" Straight Peg Hole Ceiling Tile & Mastic	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Tan, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3247	907031857-21 Location: Window Putty	Yes	Trace (<1 %) (by CVES) by John A. Lopez on 04/02/07
Description: Grey/White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <1. % Other Material: Non-fibrous 100 %			
3248	907031857-22 Location: Carpet Glue With Residual Mastic	Yes	Trace (<1 %) (by CVES) by John A. Lopez on 04/02/07
Description: Black / Tan, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <1. % Other Material: Cellulose 4 %, Non-fibrous 96 %			
3249 1	907031857-23 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
3250	907031857-24L1 Location: 4in Black Cove Base & Glue	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Black, Heterogeneous, Non-Fibrous, Basecove Asbestos Types: Other Material: Non-fibrous 100 %			
3250	907031857-24L2 Location: 4in Black Cove Base & Glue	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Calcite 100 %			
3252	907031857-25 Location: Brown / White / Black Floor Tile	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Tan/White/Black, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3251	907031857-26L1	No	NAD
Location: 12" Straight Peg Hole Wall Tile & Glue			(by CVES)
Description: Tan/White, Heterogeneous, Fibrous, Ceiling Tile			by John A. Lopez
Asbestos Types:			on 04/02/07
Other Material: Cellulose 100 %			
3251	907031857-26L2	No	NAD
Location: 12" Straight Peg Hole Wall Tile & Glue			(by CVES)
Description: Brown, Heterogeneous, Non-Fibrous, Mastic			by John A. Lopez
Asbestos Types:			on 04/02/07
Other Material: Non-fibrous 100 %			
3253	907031857-27L1	No	NAD
Location: 4in Beige Covebase & Glue			(by CVES)
Description: Beige, Heterogeneous, Non-Fibrous, Cove Base			by John A. Lopez
Asbestos Types:			on 04/02/07
Other Material: Non-fibrous 100 %			
3253	907031857-27L2	No	NAD
Location: 4in Beige Covebase & Glue			(by CVES)
Description: Off-White, Homogeneous, Non-Fibrous, Mastic			by John A. Lopez
Asbestos Types:			on 04/02/07
Other Material: Calcite 100 %			
3254	907031857-28	No	NAD
Location: Stucco Barrier Paper			(by CVES)
Description: Black / Brown, Homogeneous, Fibrous, Bulk Material			by John A. Lopez
Asbestos Types:			on 04/02/07
Other Material: Cellulose 100 %			
3311	907031857-29	No	NAD
Location: Drywall			(by CVES)
Description: White, Homogeneous, Non-Fibrous, Bulk Material			by John A. Lopez
Asbestos Types:			on 04/02/07
Other Material: Cellulose 2 %, Gypsum 98 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3312 3	907031857-30 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Calcite 100 %			
3258 1	907031857-31 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 2 %, Non-fibrous 98 %			
3259	907031857-32 Location: Window Putty	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Blue/Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Calcite 100 %			
3260	907031857-33 Location: Vibration Reducer	Yes	65 % (by CVES) by John A. Lopez on 04/02/07
Description: Beige / White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 65.0 % Other Material: Cellulose 35 %			
3309	907031857-34 Location: Stucco	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Gray/Brown/White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Cellulose 3 %, Non-fibrous 97 %			
3264	907031857-35 Location: Carpet Glue	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Tan/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Synthetic fibers 5 %, Non-fibrous 95 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3265	907031857-36L1 Location: 4in Purple Covebase & Glue	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Purple, Homogeneous, Non-Fibrous, Basecove Asbestos Types: Other Material: Non-fibrous 100 %			
3265	907031857-36L2 Location: 4in Purple Covebase & Glue	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Calcite 100 %			
3266	907031857-37 Location: Drywall Joint Compound	Yes	2 % (by CVES) by John A. Lopez on 04/02/07
Description: White/Green, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 2.0 % Other Material: Cellulose 3 %, Non-fibrous 95 %			
3267	907031857-38 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White/Gold, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Calcite 100 %			
3261 1	907031857-39 Location: Drywal Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Calcite 100 %			
3262	907031857-40 Location: Window Putty	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Blue/Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Calcite 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3315 3	907031857-41 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Off-White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Calcite 100 %			
3316 3	907031857-42 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Off-White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Calcite 100 %			
3263	907031857-43L1 Location: 12" Straight Peg Hole Ceiling Tile	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Grey/White, Heterogeneous, Fibrous, Ceiling Tile Asbestos Types: Other Material: Cellulose 5 %, Mineral Wool 55 %, Non-fibrous 40 %			
3263	907031857-43L2 Location: 12" Straight Peg Hole Ceiling Tile	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Yellow/Tan, Heterogeneous, Fibrous, Mastic Asbestos Types: Other Material: Cellulose 3 %, Non-fibrous 97 %			
3268	907031857-44 Location: 12" Gray Speckled Flr Tile	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Calcite 100 %			
3269	907031857-45 Location: Carpet Glue With Residual Mastic	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Yellow/Black, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Synthetic fibers 3 %, Non-fibrous 97 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3270 1	907031857-46 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
3325	907031857-47 Location: 12" Black W/White Floor Tile	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: , Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Calcite 100 %			
3271	907031857-48L1 Location: Light Green W/Black & White Floor Sheeting	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Grey/Black, Heterogeneous, Fibrous, Sheet Flooring Asbestos Types: Other Material: Cellulose 5 %, Synthetic fibers 3 %, Non-fibrous 92 %			
3271	907031857-48L2 Location: Light Green W/Black & White Floor Sheeting	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Yellow, Heterogeneous, Fibrous, Mastic Asbestos Types: Other Material: Cellulose 4 %, Non-fibrous 96 %			
3317 3	907031857-49 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Calcite 100 %			
3318 3	907031857-50 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Calcite 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3319	907031857-51	No	NAD
Location: Window Putty			(by CVES) by John A. Lopez on 04/02/07
Description: Blue/White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
3255	907031857-52	No	NAD
1	Location: Drywall Joint Compound		(by CVES) by John A. Lopez on 04/02/07
Description: White/Grey, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Calcite 100 %			
3256	907031857-53	No	NAD
Location: Carpet Glue With Residual Mastic			(by CVES) by John A. Lopez on 04/02/07
Description: Tan/Black, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Synthetic fibers 3 %, Non-fibrous 97 %			
3257	907031857-54L1	No	NAD
Location: 12" Straight Peg Hole Ceiling Tile & Glue			(by CVES) by John A. Lopez on 04/02/07
Description: Beige / White, Heterogeneous, Fibrous, Ceiling Tile			
Asbestos Types:			
Other Material: Cellulose 8 %, Mineral Wool 45 %, Non-fibrous 47 %			
3257	907031857-54L2	No	NAD
Location: 12" Straight Peg Hole Ceiling Tile & Glue			(by CVES) by John A. Lopez on 04/02/07
Description: Tan, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
3313	907031857-55	No	NAD
3	Location: Drywall Joint Compound		(by CVES) by John A. Lopez on 04/02/07
Description: Off-White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Calcite 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3314 3	907031857-56 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Off-White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
3310	907031857-57 Location: Stucco	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Grey/Tan, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
3320 4	907031857-58 Location: Stucco / Overhang	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Grey/White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Cellulose 3 %, Non-fibrous 97 %			
3321 4	907031857-59 Location: Stucco / Overhang	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Grey/White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
3322 4	907031857-60 Location: Stucco / Overhang	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Grey/White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Cellulose 3 %, Non-fibrous 97 %			
3323 4	907031857-61 Location: Stucco / Overhang	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Grey/White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3324 4	907031857-62 Location: Stucco / Overhang	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Grey/White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Cellulose 2 %, Non-fibrous 98 %			
3239 1	907031857-63 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Calcite 100 %			
3289	907031857-64 Location: Drywall	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 2 %, Fibrous glass 3 %, Gypsum 95 %			
3290 5	907031857-65 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Calcite 100 %			
3291 5	907031857-66 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
3292 5	907031857-67 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3293 5	907031857-68 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 2 %, Non-fibrous 98 %			
3294 5	907031857-69 Location: Drywall Joint Compound	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Calcite 100 %			
3295	907031857-70L1 Location: 4in Dark Green Covebase & Glue	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Blue, Homogeneous, Non-Fibrous, Basecove Asbestos Types: Other Material: Non-fibrous 100 %			
3295	907031857-70L2 Location: 4in Dark Green Covebase & Glue	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: Off-White, Homogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Calcite 100 %			
3296	907031857-71L1 Location: 12" White With Blue Floor Tile	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White/Blue, Heterogeneous, Non-Fibrous, Cementitious, Floor Tile Asbestos Types: Other Material: Calcite 100 %			
3296	907031857-71L2 Location: 12" White With Blue Floor Tile	No	NAD (by CVES) by John A. Lopez on 04/02/07
Description: White/Yellow, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3297	907031857-72	No	NAD
Location: 2X4 Fissured Ceiling Panel			(by CVES)
Description: Grey/White, Homogeneous, Fibrous, Bulk Material			by John A. Lopez
Asbestos Types:			on 04/02/07
Other Material: Cellulose 7 %, Mineral Wool 50 %, Non-fibrous 43 %			
3298	907031857-73	No	NAD
Location: Carpet Glue			(by CVES)
Description: Yellow/White, Heterogeneous, Fibrous, Bulk Material			by John A. Lopez
Asbestos Types:			on 04/02/07
Other Material: Synthetic fibers 3 %, Non-fibrous 97 %			
3299	907031857-74	No	NAD
Location: Stucco			(by CVES)
Description: Grey/White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			by John A. Lopez
Asbestos Types:			on 04/02/07
Other Material: Cellulose 3 %, Non-fibrous 97 %			
3300	907031857-75	No	NAD
Location: Stucco			(by CVES)
Description: Grey/White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			by John A. Lopez
Asbestos Types:			on 04/02/07
Other Material: Cellulose 3 %, Non-fibrous 97 %			
3301	907031857-76	No	NAD
Location: Stucco			(by CVES)
Description: White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			by John A. Lopez
Asbestos Types:			on 04/02/07
Other Material: Non-fibrous 100 %			
3302	907031857-77	No	NAD
Location: Stucco			(by CVES)
Description: White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			by John A. Lopez
Asbestos Types:			on 04/02/07
Other Material: Cellulose 2 %, Non-fibrous 98 %			

See Reporting notes on last page

AmeriSci Job #: 907031857

Client Name: CTL Environmental Services

Page 16 of 16

PLM Bulk Asbestos Report

107-0008; Grant E.S; SMMUSD

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3303	907031857-78	No	NAD

Location: Stucco

(by CVES)

by John A. Lopez

on 04/02/07

Description: Grey/White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material

Asbestos Types:

Other Material: Non-fibrous 100 %

Reporting Notes:

Analyzed By: John A. Lopez *[Signature]*; Date Analyzed: 4/2/2007 *4.2.07*
*NAD = no asbestos detected, Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200846-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: *[Signature]* *4/2/2007*



Asbestos, Lead Analysis Chain of Custody

AMERISCI JOB #:

907031857

AMERISCI LOS ANGELES

24416 S Main St. Suite 308

Carson, CA 90745

Phone (310) 834-4868

Fax (310) 834-4772

COMPANY: CTL		ADDRESS:					P.O.#: 31041			
PROJECT INFORMATION		ANALYSIS TYPE		TURNAROUND TIME					AIR FILTER INFORMATION:	
JOB NAME: GRANT E.S		ASBESTOS TEM AHRA		RUSH	24 HR	48 HR	72 HR	5 DAY	MCE	
JOB NUMBER: 107-0008		ASBESTOS PLM BULK							PC	
JOB MANAGER: Carson Pilo/colin		ASBESTOS PCM AIR							25 mm	
JOB DESCRIPTION: SMH USD		ASBESTOS PLM 1000 P.C.							37 mm	
		LEAD AIR BY FLAA							0.45 um	
		LEAD WIPE BY FLAA							0.80 um	
		LEAD PAINT / SOLID BY FLAA							TEMP:	
		OTHER:							OTHER:	
INITIAL RESULTS DELIVERY: ☐ FAX ☐ EMAIL ☐ VERBAL ☐ MAIL ONLY								RETURN SAMPLES YES ☐ NO ☐		
REPORTS TO:								PHONE:		
INVOICE TO:								FAX:		
COMMENTS: A STOP AT FIRST POSITIVE & 1% starting at page 3								EMAIL:		
								PAGER/CELL:		
SAMPLE ID	SAMPLE LOCATION	START TIME	STOP TIME	TOTAL TIME X	LITERS / MIN.	TOTAL VOLUME	AREA SQ FT	DATE COLLECTED		
Δ 3234	drywall joint compound.									
3235	HVAC joint compound.									
3233	2x4 stressed ceiling panel									
3236	12" straight peg hole ceiling tile									
3226	12" straight peg hole ceiling tile glue									
3227	4th gray ceiling glue									
3228	12" light blue speckled floor tile									
3229	12" light blue marble pattern floor tile									
3231	drywall									
Δ 3232	drywall joint compound.									
3230	carpet glue									
3237	12" straight peg hole ceiling tile.									
3238	window putty.									
3240	drywall									
3241	drywall joint compound									
3242										
3243										
3244										
3245										
3246	12" straight peg hole ceiling tile & mortar									
SAMPLED BY: Victor Sanders		DATE/TIME:		RECEIVED BY:		DATE/TIME:				
RELINQUISHED BY: [Signature]		DATE/TIME:		RECEIVED BY: [Signature]		DATE/TIME:				
RELINQUISHED BY:		DATE/TIME:		RECEIVED IN LAB BY:		DATE/TIME:				



Asbestos, Lead Analysis Chain of Custody

AMERISCI LOS ANGELES
24416 S Main St. Suite 308
Carson, CA 90745
Phone (310) 834-4868
Fax (310) 834-4772

AMERISCI JOB #:

907 031857

COMPANY: CTL		ADDRESS:					P.O.#: 31041			
PROJECT INFORMATION		ANALYSIS TYPE		TURNAROUND TIME					AIR FILTER INFORMATION:	
JOB NAME: Grant E.S.		ASBESTOS TEM AHRA		RUSH	24 HR	48 HR	72 HR	5 DAY	MCE	
JOB NUMBER: 107-0008		ASBESTOS PLM BULK							PC	
JOB MANAGER: Cesar Ruvalcaba		ASBESTOS PCM AIR							25 mm	
JOB DESCRIPTION: SAMUSD		ASBESTOS PLM 1000 P.C.							37 mm	
		LEAD AIR BY FLAA							0.45 um	
		LEAD WIPE BY FLAA							0.80 um	
		LEAD PAINT / SOLID BY FLAA							TEMP:	
		OTHER:							OTHER:	
INITIAL RESULTS DELIVERY: ☐ FAX ☐ EMAIL ☐ VERBAL ☐ MAIL ONLY								RETURN SAMPLES YES ☐ NO ☐		
REPORTS TO:								PHONE:		
INVOICE TO:								FAX:		
COMMENTS:								EMAIL:		
								PAGER/CELL:		
SAMPLE ID	SAMPLE LOCATION	START TIME	STOP TIME	TOTAL TIME X	LITERS /MIN.	TOTAL VOLUME	AREA Sq Ft	DATE COLLECTED		
3247	Window Putty.									
3248	carpet glue with residual mastics									
Δ 3249	drywall joint compound.									
3250	4 in black cork base & glue.									
3252	brown/pink/black floor tile									
3252	12" square peg tile with red & glue.									
3253	4 in beige cork base & glue.									
3254	stucco barrier paper.									
3311	drywall									
□ 3312	drywall joint compound.									
Δ 3258	drywall joint compound									
3259	Window Putty.									
3260	vibration reducer									
3309	stucco.									
3264	carpet glue.									
3265	4 in purple cork base & glue.									
3266	drywall joint compound									
3267	cb									
Δ 3261	drywall joint compound									
3262	Window Putty.									
SAMPLED BY: Victor Sanchez		DATE/TIME:		RECEIVED BY:		DATE/TIME:				
RELINQUISHED BY: [Signature]		DATE/TIME:		RECEIVED BY: [Signature]		DATE/TIME:				
RELINQUISHED BY:		DATE/TIME:		RECEIVED IN LAB BY:		DATE/TIME:				



Asbestos, Lead Analysis Chain of Custody

AMERISCI LOS ANGELES
24416 S Main St. Suite 308
Carson, CA 90745
Phone (310) 834-4868
Fax (310) 834-4772

AMERISCI JOB #:

907031857

COMPANY: CTL		ADDRESS:					P.O.#: 31041	
PROJECT INFORMATION		ANALYSIS TYPE	TURNAROUND TIME					AIR FILTER INFORMATION:
			RUSH	24 HR	48 HR	72 HR	5 DAY	
JOB NAME: GRANT E.S.		ASBESTOS TEM AHRA						MCE
JOB NUMBER: 107-0008		ASBESTOS PLM BULK						PC
JOB MANAGER: Cesar R. L. Cab		ASBESTOS PCM AIR						25 mm
JOB DESCRIPTION: 54MUSD		ASBESTOS PLM 1000 P.C.						37 mm
		LEAD AIR BY FLAA						0.45 um
		LEAD WIPE BY FLAA						0.80 um
		LEAD PAINT / SOLID BY FLAA						TEMP:
		OTHER:						OTHER:
INITIAL RESULTS DELIVERY: ☐ FAX ☐ EMAIL ☐ VERBAL ☐ MAIL ONLY							RETURN SAMPLES YES ☐ NO ☐	
REPORTS TO:							PHONE:	
INVOICE TO:							FAX:	
COMMENTS:							EMAIL:	
							PAGER/CELL:	
SAMPLE ID	SAMPLE LOCATION	START TIME	STOP TIME	TOTAL TIME	LITERS / MIN.	TOTAL VOLUME	AREA SQ FT	DATE COLLECTED
☐ 3315	drywall joint compound							
☐ 3316	↓							
3263	12" straight peglock ceiling tile							
3268	12" gray speckled floor tile							
3269	carpet glue with residual mastic							
Δ 3270	drywall joint compound							
3325	12" black w/ white floor tile							
3271	light green w/ black & white floor sheeting							
☐ 3317	drywall joint compound							
☐ 3318	↓							
3319	window putty.							
Δ 3255	drywall joint compound.							
3256	carpet glue with residual mastic							
3257	12" straight peglock ceiling tile @ glue.							
☐ 3313	drywall joint compound							
☐ 3314	↓							
3310	stucco							
3320	stucco overhang	STOP AT FIRST POS.						
3321	↓							
3322-3324	↓							
SAMPLED BY: VICTOR SANCHEZ		DATE/TIME:		RECEIVED BY:		DATE/TIME:		
RELINQUISHED BY: [Signature]		DATE/TIME:		RECEIVED BY: [Signature]		DATE/TIME: 3/27/07 @ 1330		
RELINQUISHED BY: [Signature]		DATE/TIME:		RECEIVED IN LAB BY:		DATE/TIME:		



Asbestos, Lead Analysis Chain of Custody

AMERISCI LOS ANGELES
24416 S Main St. Suite 308
Carson, CA 90745
Phone (310) 834-4868
Fax (310) 834-4772

AMERISCI JOB #:

907031857

COMPANY: <u>CTL</u>		ADDRESS:					P.O.#: <u>21041</u>			
PROJECT INFORMATION		ANALYSIS TYPE	TURNAROUND TIME					AIR FILTER		
			RUSH	24 HR	48 HR	72 HR	5 DAY	INFORMATION:		
JOB NAME: <u>GRANITE S.</u>		ASBESTOS TEM AHERA							MCE	
JOB NUMBER: <u>107-0008</u>		ASBESTOS PLM BULK							PC	
JOB MANAGER: <u>Cesar Ruvalcaba</u>		ASBESTOS PCM AIR							25 mm	
JOB DESCRIPTION: <u>SANMUSD</u>		ASBESTOS PLM 1000 P.C.							37 mm	
		LEAD AIR BY FLAA							0.45 um	
		LEAD WIPE BY FLAA							0.80 um	
		LEAD PAINT / SOLID BY FLAA							TEMP:	
		OTHER:							OTHER:	
INITIAL RESULTS DELIVERY: ☐ FAX ☐ EMAIL ☐ VERBAL ☐ MAIL ONLY							RETURN SAMPLES YES ☐ NO ☐			
REPORTS TO:							PHONE:			
INVOICE TO:							FAX:			
COMMENTS:							EMAIL:			
							PAGER/CELL:			
SAMPLE ID	SAMPLE LOCATION	START TIME	STOP TIME	TOTAL TIME X	LITERS /MIN.	TOTAL VOLUME	AREA SQ FT	DATE COLLECTED		
<u>Δ 3239</u>	<u>drywall joint compound</u>									
<u>3289</u>	<u>drywall</u>									
<u>3290</u>	<u>drywall joint compound</u>	<u>5:00 PM</u>	<u>5:15 PM</u>	<u>15 min</u>	<u>1.5 L</u>	<u>2.25 L</u>	<u>100 sq ft</u>	<u>3/27/07</u>		
<u>3291</u>										
<u>3292</u>										
<u>3293</u>										
<u>3294</u>										
<u>3295</u>	<u>4in dark green corners & glue</u>									
<u>3296</u>	<u>12" whitewall blue floor tile</u>									
<u>3297</u>	<u>2x4 painted ceiling panel</u>									
<u>3298</u>	<u>carpet glue</u>									
<u>3299</u>	<u>stucco</u>									
<u>3300</u>										
<u>3301</u>										
<u>3302</u>										
<u>3303</u>										
SAMPLED BY: <u>VICTOR SHAMBER</u>		DATE/TIME:		RECEIVED BY:		DATE/TIME:				
RELINQUISHED BY: <u>[Signature]</u>		DATE/TIME:		RECEIVED BY: <u>[Signature]</u>		DATE/TIME: <u>3/27/07 @ 1:30</u>				
RELINQUISHED BY:		DATE/TIME:		RECEIVED IN LAB BY:		DATE/TIME:				

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMHUSD
PROJECT NO.: 102-0008
PROJECT NAME: Grant E.S.

Bldg A.

Technician: N. Sander
Date: _____
Page: 1 of 2

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	41W gray	3227	/	Rm 5 2-5	350 sq. ft.	N	N
	cover hose 4' blue	bldg B					
	12" light blue	3229	/	Rm 5 2-5	1800 sq. ft.	N	N
	marked pattern floor tile	bldg B					
	carpet grey	3230	/	Rm 5 2-5	2800 sq. ft.	N	N
		bldg B					
	window parry	3202	/	Ext. windows	3000 sq. ft.	N	N
	2x4 assured	3233	Rm 5 working	Rm 5 working	200 sq. ft.	N	N
	ceiling panel	Assumed	CTR				
	HTR. UNIT	Assumed	/	Rm 5 2-5	4 ea.	N	N
	chalkboard	Assumed			8 ea.	N	N
	Roller on roof cone.	Assumed		ROOF	4600 sq. ft.	N	N
	ROOF MATERIAL	Assumed		ROOF prefrabric	20 sq. ft.	N	N
	drywall	3234	Rm 2 S/E	Rm 5 (All) exterior dry, HTR closets	2500 sq. ft.	N	N
	J. compound			Rm 5 work area			
	NOTE: water in			walls in classroom are wood.			
	HVAC Joint	3235	Rm 5 HTR UNIT S/E	Rm 2-5 HTR CLOSET	10 sq. ft.	N	N
	compound						

CLIENT: SHMUSD
PROJECT NO.: 107-00
PROJECT NAME: Gran

CLIENT: SHKUSD
PROJECT NO.: 107-0008
PROJECT NAME: Grant 8.3

SHMMS

PROJECT NO.: 107-0008

PROJECT NAME: Grant E.S.

Technician: J. Sander

Date: 3-20-07

Page: 2 of 2

Pldy A

[illegible]

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SHWUSD. Technician: N. Sanchez
 PROJECT NO.: 102-0008 Date: 3-20-02
 PROJECT NAME: Grant E.S. Page: 1 of 2

Bldg B

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Rough Plaster	G0913	Pos.	Rms 26-29 2nd fl.	5200	N	N
	ceiling	0304			59.5ft		
	12" straight	0311					
	pegboard C.T. g	0312					
	12" straight	C1602		Rm 26-29, 1	4800	Y	N
	pegboard C.T. g	C1603			59.5ft		
	12" straight	3226	Rm 27 N/W.		4800	N	N
	pegboard C.T. g				59.5ft		
	4in gray concrete	3227	Rm 29 S/E	Rms 26-29,	525	N	N
	base w/ glue			storage rms, closets	21.5ft		
	12 in light blue	3228	Rm 29 west cm	Rms 26-29. entrances,	400	N	N
	spackled floor tile		E entrance		59.5ft		
	12" light blue marble	3229	Rm. 29 30. CTR	Rm 26-29, closets, work rm,	1200	N	N
	gotten floor tile			storage rms,	59.5ft		
	drywall	3231	Rm 27 work rm N/W	Rm 27 RR'S & work rm.	1600	N	N
	drywall joint			Rm 26 RR'S, storage rm,			
	Compound.	3232					
	window putty.	G3203		Rm 26 & 27 work rms 2CA.	200	N	N
	Wax Joint				21.5ft		
	comp.	3235		RR rms	30	N	N
	Rough Plaster	4 bldg A			59.5ft		
	walls,			Rms 26-29, Rm 29 B	4900	N	N
					59.5ft		

FIELD BULK SAMPLE LIST

CLIENT: SMUSD Technician: N. Sandoz
 PROJECT NO.: 1070008 Date: 3-20-07
 PROJECT NAME: Grant E.S. Page: 2 of 2
Bldg B

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	carpet glue	3230	Rm 26 CTR	Rms 26-29	3400 sq. ft	N	N
	Gouy notched on	Assumed	/	ROOF	6000 sq. ft	N	N
	ROOF core		/	ROOF penetration	40 sq. ft	N	N
	chick boards	Assumed	/	Rms 26-29	10 ea.	N	N
	litr units	Assumed	/	WTR rms	4 ea.	N	N
	stucco	G 05-01	/	apt. walls	3600 sq. ft	N	N
	Smooth plaster ceiling	G0104	ROOF observed				
	Smooth plaster walls	G0200	/				
	9" beige floor tile & mosaic	G1301	/				
	Sink	G3103	/				
	undercoat		/				

FIELD BULK SAMPLE LIST

CLIENT: SHMUSD Technician: N. Sanchez
 PROJECT NO.: 1070008 Date: 3-20-07
 PROJECT NAME: Grant E.S. Page: 1 of 2
Bldg C & C

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
/	Smooth Plaster	60104	/	RM 41, Rm's 36A, 36B	850 59.5 FT	N	N
/	ceiling						
	Smooth Plaster	60202	/	RM 41, Rm's 36A, 36B	1250 59.5 FT	N	N
	wall	0206					
	Rough plaster	0314	/	RM 37-40 RM 31, 32, 33, 34, 35, 36, 37, 38, 39, 40 including closets.	6800 59.5 FT	N	N
	ceiling	0317 0315 0316	/				
	stucco	60503	/	EXT. walls,	5500 59.5 FT	N	N
	12" straight p.g. block	61702	neg.	RM's 37-40 RM 31	6200 59.5 FT	N	N
	ceiling tile						
	12" straight p.g. block	3237	RM 40 west ctn	RM 37-40 - RM 31	6200 59.5 FT	N	N
	ceiling tile						
	window putty	3238	east bldg. s/w.	east, west bldgs ext. windows	400 2.11 FT	N	N
	4m grey concrete	3227	/	ext. walls, west end.			
	ag. glue	bldg B		RM 41, custom RM (36), RM 37, custom (32)	700 2.11 FT	N	N
	12" light blue p.g. block	3228	/	RM 37-40			
	per tile.	bldg B		RM 35, RM 30, 31, 32-40 ext. entrances	800 59.5 FT	N	N
	12" light blue masonry	3229	/	RM 41, custom (36), custom (32)	1600 59.5 FT	N	N
	pattern Fr. tile	bldg B		RM 30, 31, 37-40.			
	carpet glue	3230	/	RM 31-37-40	4000 59.5 FT	N	N
		bldg B					
	Rough Plaster		/	RM's 31, 37-40 including closets	5200 59.5 FT	N	N
	wall.						

FIELD BULK SAMPLE LIST

CLIENT: SMMUSD.

Technician: N. Sander

PROJECT NO: 107-0008

Date: 3-20-07

PROJECT NAME: Grant. E.S.

Bldg C & Southw Page: 2 of 2

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	drywall	3239	rm 30 p/w.	bldg EAST, west ALL RVS, RM 35, RM 30.	3500 sq. ft.	N	N
	Joint compound						
	drywall	3240	mechan. rm 37 S/E	bldg RM 37-40 HTR CUPBETS/ (mechanics)	1200 sq. ft.	N	N
	drywall J.C.	3241					
		3242	mechan. rm 31 S/W				
		3243	mechan. rm 38 S/E				
		3244	mechan. rm 39 S/E				
		3245	mechan. rm 40 S/W.				
	HTR units	removed		RM 30, 31 & 37-40	6 ea.	N	N
	Chalkboards				12 ea.	N	N
	ROOF core			ROOF	7000 sq. ft.	N	N
	ROOF MASTIC			roof penetrations	40 sq. ft.	N	N

CTL ENVIRONMENTAL SERVICES

52225

PROJECT NO.:

PROJECT NAME:

Bldg C 4045

Page: 3 of 3[illegible]

FIELD BULK SAMPLE LIST

CLIENT: SMUSD Technician: N. Sanchez
 PROJECT NO.: 1070008 Date: 9-20-07
 PROJECT NAME: Grant E.S Page: 1 of 3
Bldg D & E
2nd Flr.

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Smooth plaster ceiling		/	/			
	smooth plaster wall		/	/			
	Rough plaster ceiling		/	workrm (23) nurses office, main office, pump room office, and assistant office 21 PM 24, 25, including closets	4600 sq. ft	N	L
	rough plaster wall		/	workrm (23), nurses office, main office, pump room & assistant office, office 21 PM 24, 25 including closets	4700 sq. ft	N	N
	stucco		/	Ext. walls	5500 sq. ft	N	N
	rough plaster wall						
	red limestone & marble	62301	ext	stairs to 2nd floor and landing (stairwell)	100 sq. ft	N	N
	12" straight polished ceramic tile mosaic	3246	nurses office w/E	workrm 23, main office, pump room, assistant office office 21, nurses office, PM 24, 25,	4600 sq. ft	N	N
	12" light blue marbled pattern por tile	3229 bldg B	/	PM 24, 25, nurses office PM 24/25 closets,	1200 sq. ft	N	N
	4in gray concrete paver	3227 bldg B	/	workrm 23, pump room, assistant office PM 24, 25 including closets,	650 sq. ft	N	N
	window putty	3247	ext of workrm 23 also ext.	ext. windows	200 sq. ft	N	N
	carpet glue with residual mastic	3248	PM 25 ext	PM 24 & 25 under carpet	2100 sq. ft	N	N

CLIENT: 5 MM USD
PROJECT NO.: 107-0008
PROJECT NAME: Grant E.S.

CLIENT: 5 MM USD
PROJECT NO.: 107-0008
PROJECT NAME: Grant E.S.

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	drywood	3249	Rm 24 RE'S N/W	Rm 24 RE'S, NUTS & BOLTS, under 8 wooden rails	1800 39.50	N	N
	DO NOT CAMP						
	12" x 19/16" x 1/2" speckled floor tile	3229 4 bags		Work rm (23), principal, Assistant Officers' office (31) warm office	200 59.50	N	N
	4 in black core base of g/b	3250	work rm 23 N/W	work rm 23 N	20 FT 41.50	N	N
	12" straight peghole wall tile agla	3251	2nd fur work rm. west cor. (Bldg E)	2nd fur work rm. & Lounge walls & ceilings	1900 39.50	N	N
	brown/white/black floor tile	3252	Hall N/E	Hall	200 59.50	N	N
	4 in bayce coverboard & g/b	3253			40 4.50	N	N
	STUCCO barrier paper	3254	elec rm N/E	behind stucco (exterior walls)	5500 59.50	N	N
	2x4 lagrim insulated c. panel	G-1902		teacher lounge rm 2nd fur (Bldg E)	700 59.50	N	N
	drywood	3311	Rm 25 med rm S/W	Rm 24, 25 lockers	650 39.50	N	N
	drywood J.	3312					
	NUAC Joints comp and	3235 4 bags		rm 24 & 25 med rms	8 59.50	N	N
	flexible cottons canvas of vinyl						

CTL ENVIRONMENTAL SERVICES

5 MUST.

167-0002

Grant. Es

V. Sander

Date: 3-20-07

Page: 3 of 3

Bill D &

2nd Flr.

[illegible]

CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

Client: SMUSD Technician: N. Sanchez

Project No.: 107-0008 Date: 3-20-08

Project Name: Grant E.S. Page: 1 of 2

Bldg E

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	drywall	3258	stage area N/W.	storage area E-W & west dividing wall	800 sq. ft.	N	N
	Joint comp						
	smooth plaster ceiling			auditorium stage area	800 sq. ft.	N	N
	smooth plaster wall			auditorium & stage area	3000 sq. ft.	N	N
	rough plaster ceiling			storage 1, S/E entry way	800 sq. ft.	N	N
	rough plaster wall			Basement	1650 sq. ft.	N	N
	window putty	3259	N/W	N Exterior windows	1100 sq. ft.	N	N
	ROOF CONE	nsound		ROOF	2400 sq. ft.	N	N
	ROOF MASTIC	nsound		ROOF penetration	25 sq. ft.	N	N
	12" light blue marble pattern tile	3229 tiled		S/E entry way (stage area)	40 sq. ft.	N	N
	4 in gray concrete	3227 hldg			60 sq. ft.	N	N
	duct insulation (Airex)	1001 L03	POS	ATTIC	1200 sq. ft.	N	N
	vibration reducer	3260	mech rm 2	mech rm 2	1 ea	N	N

Technician: N. Sauer
Date: 3-20-07
Page: 2 of

Technician: N. Sauer
Date: 3-20-07
Page: 2 of

Bldg E:

CLIENT: SMUSD
PROJECT NO.: 104-0008
PROJECT NAME: Court S.S.

[illegible]

FIELD BULK SAMPLE LIST

CLIENT: SMUSD.
PROJECT NO.: 107-0008
PROJECT NAME: Grant E.S.

(Library)
Bldg. F

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	STUCCO	G0506 08 10 11-12	Pos.	EXT. walls.	2350 99.8	N	N
	12" Fissured Jute ceiling tile	G1802 1903	/	Library RM 51A walls & ceiling	2000 99.85	Y	N
	12' Fissured white ceiling tile material	3264	tile is extremely friable in good condition	Library RM 51A & 51B & Hall	2200 99.87	N	N
	carpet glue	3265	Library NW.	L1	345 WFR	N	N
	4in purple cover base: agba	G0701	/	Library RM 51A 51B & Hall	2750 99.87	N	N
	gypsum wall board w/ Joma wrap.	0702	/				
		0703	/				
	Jaywalk Jewelry compound	3266	Library 5/6				
		3267	Library entrance				
	gypsum gypsum						

FIELD BULK SAMPLE LIST

CLIENT: SAMUO

PROJECT NO.: 107-0008

PROJECT NAME: Grant E.S

Technician: V. Savola

Date: 3-23-07

Page: 2 of 2

Bldg F Library

[illegible]

FIELD BULK SAMPLE LIST

CLIENT: SWWS D. Technician: N. Sander
 PROJECT NO.: 107-0008 Date: 3-23-07
 PROJECT NAME: Grant E.S Page: 1 of 2
Bldg 6

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Rough plaster ceiling	60307 184 19	Pos.	Rm 47, 46A, 46	1800 59.75	N	N
	drywall Joints comp.	3261	Rm 50 N/E	Rm 50, Rm 47 work rm,	17000 59.75	N	N
	window putty	3262	N/E	ext. walls.	900 41.75	N	N
	medium drywall J.C.	3315 3316	medium 48 s/w medium 46A s/w	medium 48, 50 46A.	960 59.75	N	N
	Roll on ROOF COE	Assumed	/	ROOF	2700 59.75	N	N
	ROOF MASTIC	Assumed	/	ROOF penetrations	25 59.75	N	N
	carpet glue	3230 hldg B	/	Rm 30, 46, 47. Rm 49	2100 59.75	N	N
	12" light blue marked pattern, Furtie	3229 hldg B	/	work rm, Rm 46A	350 59.75	N	N
	4 in black core base	3250 hldg D	/	Rm 50	120 41.75	N	N
	12" light blue 7 pebbled Furtie	3228 hldg B	/	Rm 46, 47 & entryways Rm 49, Rm 46A entryways	400 59.75	N	N
	4 in gray concrete base	3227 hldg B	/	Rm 346, 47. 46A. 49	300 41.75	N	N
	smooth plaster						

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMHUSD. 3
PROJECT NO.: 107-0008
PROJECT NAME: Grant E.S.

Technician: V. Sanchez
Date: 3-23-08
Page: 2 of 2

Bldg G

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	9" concrm	60901	/	rm 49 under coop	300 27.75	N	N
	ply tick & mastic						
	dust insulator	60901	/	attic above rm 46A	20 29.75	Y	N
	12" styrofoam plate	3263	rm 46A.	rm 50, rm 46, 46A, 447.	2700 59.75	Y	N
	c-tile		5/40	(rm 50 is under rm 46A)			
	fire unit	insulator	/	mechanics, 48, 46A	2 ea	N	N
	ANAC duct	3235	/		10 22.75	N	N
	Joint comp.	Bldg A	/				
	NOTE: Flexible			collars connect off vinyl.			
	chick boards	assured	/	rm 5 47, 46 & 50	5 22	N	N
	rough plaster		/	rm 46, 47, 46A, 49	2400 59.75	N	N
	work						
	Smooth Plaster	60103	not observed				
	ceiling		/				
	Smooth undercoat	63107	/				

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SWMUSD

PROJECT NO.: 107-0008

PROJECT NAME: Grant E.S

Technician: N. Savelle

Date: 3-23-07

Page: 1 of 2

Bldg H.

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Rough Plaster	G0305	+	Rm 59-64, Rm 54, 57, dining area	7400	N	N
	ceiling	0306	-	CUSTOMER RM	57.5		
	12" gray 2 pulled	3268		Rm 59, Rm 60, Rm 61	3100	N	N
	tile				57.5		
	4 1/2" black cone	3250		Rm 59, Rm 61, Rm 62 dining rm, kitchen	500	N	N
	base	Bldg D			21.5		
	smooth plaster	G0305		Rm 59 Rm 63, workroom 68, kitchen	2100	N	N
	wall	0306		dining rm	57.5		
	4 1/2" gray cone here	3227		Rm 60, Rm 62, 63, 64, CUSTOMER RM	850	N	N
	base	Bldg B		workroom 68 Rm 57, Rm 54	21.5		
	12" Light blue	3228		Rm 60	1050	N	N
	2 pulled put tile	Bldg B			57.5		
	12" straight Plaster	G2601		Rm 59, 60, 61, 62, 63, 64, 54, dining area	8200	N	N
	W.T. & MATTER	1701		Rm 57	57.5		
	12" Light blue mable	3229		Rm 62, 63, workroom 68, CUSTOMER RM	1300	N	N
	pattern Plaster	Bldg B		Rm 57	57.5		
	Carpet glue with	3269		Rm 62, 63, 64, Rm 57	5400	N	N
	residual waste				57.5		
	drywall	3270		boys rest girls rest, rest, kitchen	1800	N	N
	Joint compound				57.5		
	Rough Plaster	G0305		CUSTOMER RM, Rm 5, 59-64 Rm 54	7800	N	N
		0306		Rm 57 corridor.	57.5		
	12" straight plaster	1601		Rm 57, 59-64, workroom Rm 57			
	cut. waste	1602					
		1703					

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMWUSD

PROJECT NO.: 107-0008

PROJECT NAME: Grant E-3

Technician: N. Saurer

Date: 3-23-07

Page: 2 of 3

Bldg H

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	12" black w/white PVC tile	3325	dining rm	dining rm	2600	N	N
	2x4 Furred	6190	N/E	dining rm	59.7	N	N
	Lead in CPWd				2200	N	N
	Light green with black white floor studs	3271	kitchen S/E	kitchen	59.7	N	N
	drywall joint compound	3317	rm 59 medium S/E	rm 59-63 mechanical rm	900	N	N
		3318	rm 62 medium S/W		1550	N	N
	windows putty	3319	no. ctn.	ext. windows north side	800	N	N
	HVAC joint compound	3335		rm 59-63 med med room	20	N	N
	POE: Flexible collers consist of vinyl.				59.7	N	N
	sweetie plaster ceiling	60101 0102		rm 59 RA's, work rm 68, kitchen	1700	N	N
					59.7	N	N
						N	N
						N	N
						N	N
						N	N
						N	N

CTL ENVIRONMENTAL SERVICES

CLIENT: SMUSD

PROJECT NO.: 107-0008

PROJECT NAME: Grant 6-5

Technician: V. Sander

Date: 3-23-07

Page: 3 of 3[illegible]

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMWS Technician: V. Sander
 PROJECT NO.: 107-0008 Date: 3-23-07
 PROJECT NAME: Grant. E-S Page: 1 of 2

Bldg J(?)

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	drywall	3289	RM 82 N/E	RMS 80-83	3500 39.87	N	N
	drywall J.C	3290					
		3291	RM 83 S/W				
		3292	RM 81 S/E				
		3293	RM 81 N/W				
		3294	RM 80 N/E				
	4 in dark green to white & blue	3295	RM 83 N/E	RMS 80-83	450 11.37	N	N
	12" white of blue floor tile	3296	RM 82 N/E		1200 29.87	N	N
	2x4 Fissured ceiling joists	3297	ROOM 80 CTN		4000 39.87	N	N
	carpet glue	3298	RM 83 CTN	RMS 80-83	3200 39.87	N	N
	chalkboard	3299		RM 80-83	8 0.19	N	N

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SHMUSD.
PROJECT NO.: 107-0008
PROJECT NAME: Grant. E.S.

Technician: N. Sander
Date: 3-23-07
Page: 2 of 2

Bldg J

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	stucco	3299	N/E	Ext. walls & soffits.	2800 sq. ft.	N	N
		3300	N/W				
		3301	S/W				
		3302	S/E				
		3303	East CTR				
	Roofing felt.	G 2601	/	ROOF	4000 sq. ft.	N	N
	Roofing shingles	G 2901	/	ROOF	4000 sq. ft.	N	N
	brass perimeter flashing	G 2701	/	ROOF	460 sq. ft.	N	N
	Silver coat Flashing	residual	/	Roof. perimeter & center & penetrations.	200 sq. ft.	N	N

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMKUSD
PROJECT NO.: 107-0008
PROJECT NAME: Grant E.S.

Technician: V. Sunder
Date: 3-23-07
Page: 1 of 2

Bldg K

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Rough Plaster ceiling	G0302	Pos.	Rms 12, 14, 15 & conference rm	3600 59.50	N	N
	rough plaster walls	G0403		Rm, 13, 14, 15 & conference rm	4200 59.50	N	N
	drywall joint compound	3255	conference rm 3/w	conference rm, rms 15 East wall.	1200 59.50	N	N
	window putty.	G3201	/	ext. windows	400 61.50	N	N
	carpet glue w/ residual mastic	3256	Rm 13 etc.	Rms 13, 14, 15 & conference rm	2000 59.50	N	N
	12" high blue padded. PVTIC	3228 bldg B	/	Rms 13, 14, 15 & conference e entrances	950 59.50	N	N
	4" in gray concrete & glue	3227 bldg B	/	Rm 13, 14, 15 & conference rm	410 61.50	N	N
	12" straight pyrotek ceiling tile & glue	3257	Rm 13 N/w.	Rm 13, 14, 15	2000 59.50	P	N.
	2x4 lag-in furred c. panel	G 1902	bldg D.	Rm 15 & conference rm	1000 59.50	P	N
	DM panel J. comp.	3313	Rm 13 redura/6 rms 13, 14, 15 redurms		900 59.50	N	N
	DM panel J. comp.	3314	DM 15 medium eff				
	DTUCCO	3310	5/E	Ext. walls.	2700 59.50	N	N
	DMAC Joint compound	3235 bldg A	/	Rms 13, 14, & 15 redurms	15 59.50	N	N

flexible walls consist of vinyl.

Technician: V. Sander
Date: 3-23-07
Page: 2 of 2

CLIENT: SMUSD.
PROJECT NO.: 1070008
PROJECT NAME: Grant e.s.

[illegible]

CLIENT: Shrus N
PROJECT NO.: 107-0008
PROJECT NAME: Grant E-3

[illegible]

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMUSD

PROJECT NO.: 1070008

PROJECT NAME: Grant.

Technician: V. Sender

Smooth plaster.

Date: 3-26-07

Page: 1 of 7

[illegible]

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMUSD
PROJECT NO.: 107-008
PROJECT NAME: Grant.

[illegible]

CLIENT: SANUSO
PROJECT NO.: 167-008
PROJECT NAME: Street E-S

CLIENT: SANUSO
PROJECT NO.: 167-008
PROJECT NAME: Street E-S

Technician: Y. Sanchez
Date: 3-26-07
Page: 3 of 57

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Rough Plaster ceiling	G0301	Bldg E	bldg C & C south customarily 32 pin 36 pins - 937 gals including closets	6800 99.95	N	N
		G0303	Bldg D	bldg D. workroom 23 narrow office windows etc. xmmpd assst offices other 21, pin 24 B25	4600 99.15	N	N
		O308		bldg E. storage 1, S/E entryway basement	800 99.99	N	N
		O309					
		O310					
		O314	Bldg C				
		O315					
		O316					
		O317		H, F, G			

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMUSD
PROJECT NO.: 107-0008
PROJECT NAME: Grant E.S
TECHNICIAN: N. Sanders
DATE: 3-28-03
PAGE: 4 of 7
570000

[illegible]

CTL ENVIRONMENTAL SERVICES

CLIENT: SHMUSD

PROJECT NO.: 107-0006

PROJECT NAME: 6 rows eps

Technician: V. Sanchez

Date: 3-26-07

Page: 5 of 57

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Rough Plaster walls	G 0401	bldg E	bldg B. rms 26-29 rm 29B	4900 sq. ft	N	N
		0402	bldg D	bldg C & corridor rms 37-40 including closets	5200 sq. ft	N	N
		0403	bldg K	bldg E. storage, S/E entryway & basement.	1650 sq. ft	N	N
		0404	bldg B	bldg H customan rms 59-64, 54 57 & corridor.	7800 sq. ft	N	N
		0405	bldg H	bldg K rms 13, 14, 15 & conference	4200 sq. ft	N	N
		0406		bldg G rms 47, 48A, 49	2400 sq. ft	N	N
		0407					
				B, D, E, Z, H, K, L, G,			

PROJECT NAME: Grav ES.

Technician: V. Swisher

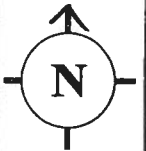
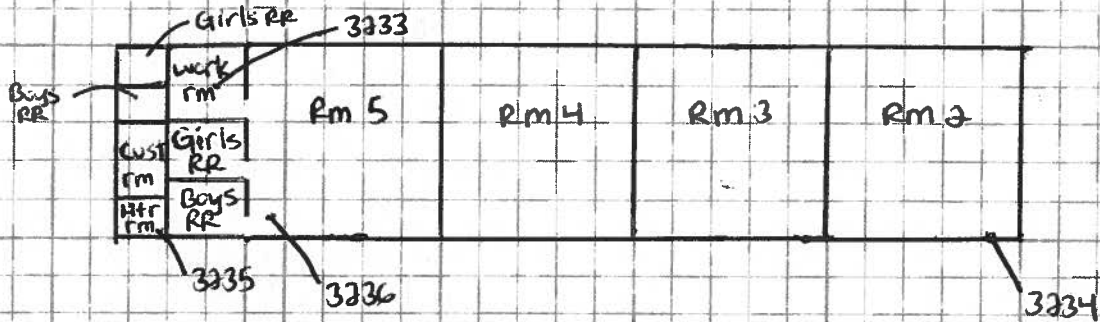
Date: 3-26-67

Page: 7 of 7[illegible]

APPENDIX C

SAMPLE LOCATION MAP

Bldg A



DESCRIPTION: SMMUSD

JOB NAME: Grant E.S.

JOB NO: 107-0008

DRAWN BY: Ernest Acevedo Jr

DATE: 4/17/07

SKETCH NO: —

SCALE: —

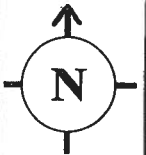
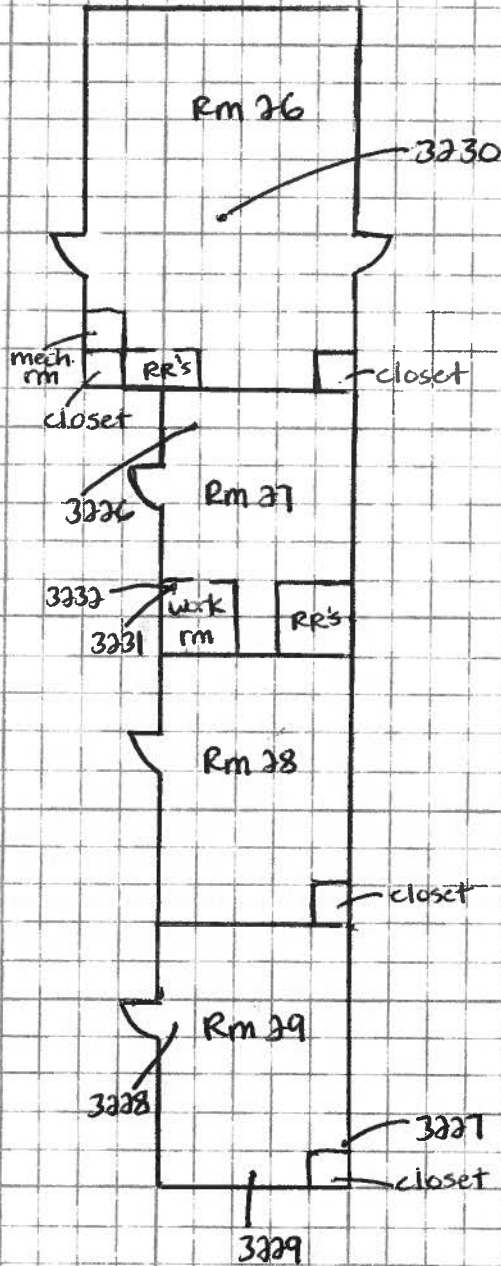
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Email: info@ctles.com

Bldg. B



DESCRIPTION

SMMUSD

JOB NAME:

Grant E.S.

JOB NO:

107-0008

DATE:

4/17/07

SCALE:

DRAWN BY:

Ernest Acavedo Jr

SKETCH NO:

—

PAGE

OF

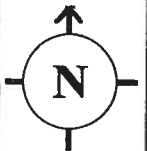
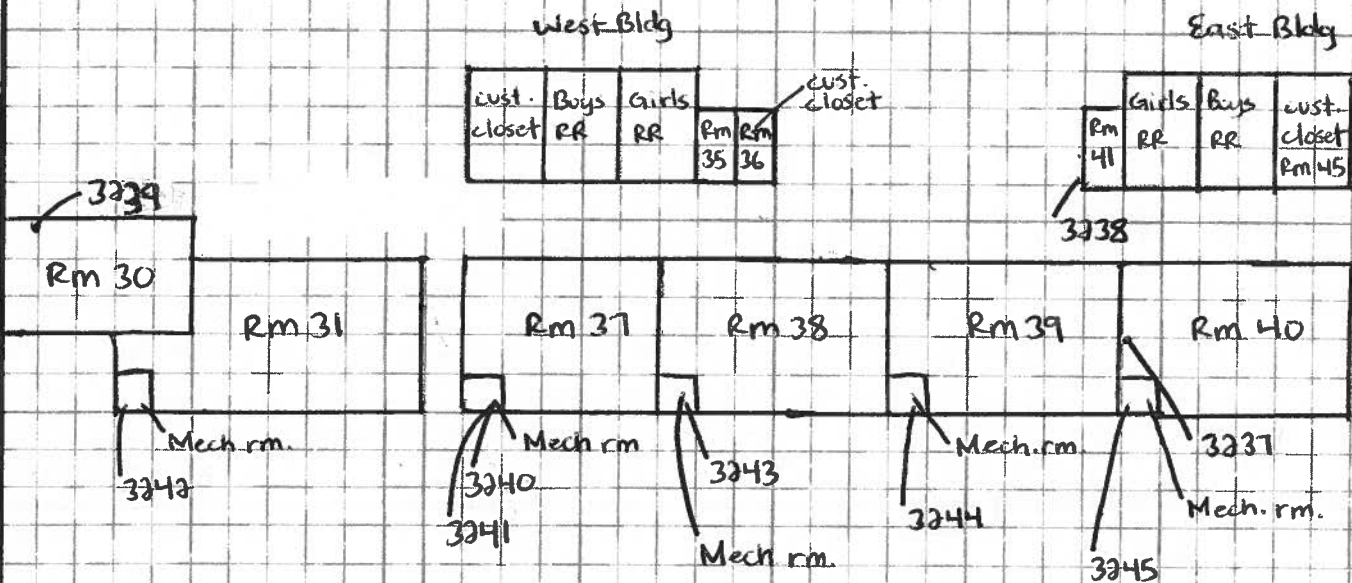
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Email: info@ctles.com

Bldg C



DESCRIPTION: SMMUSD

JOB NAME: Grant Elem. School

JOB NO: 107-0008

DRAWN BY: Ernest Acevedo Jr.

DATE: 4/17/07

SKETCH NO:

SCALE:

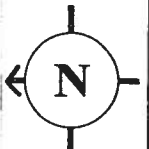
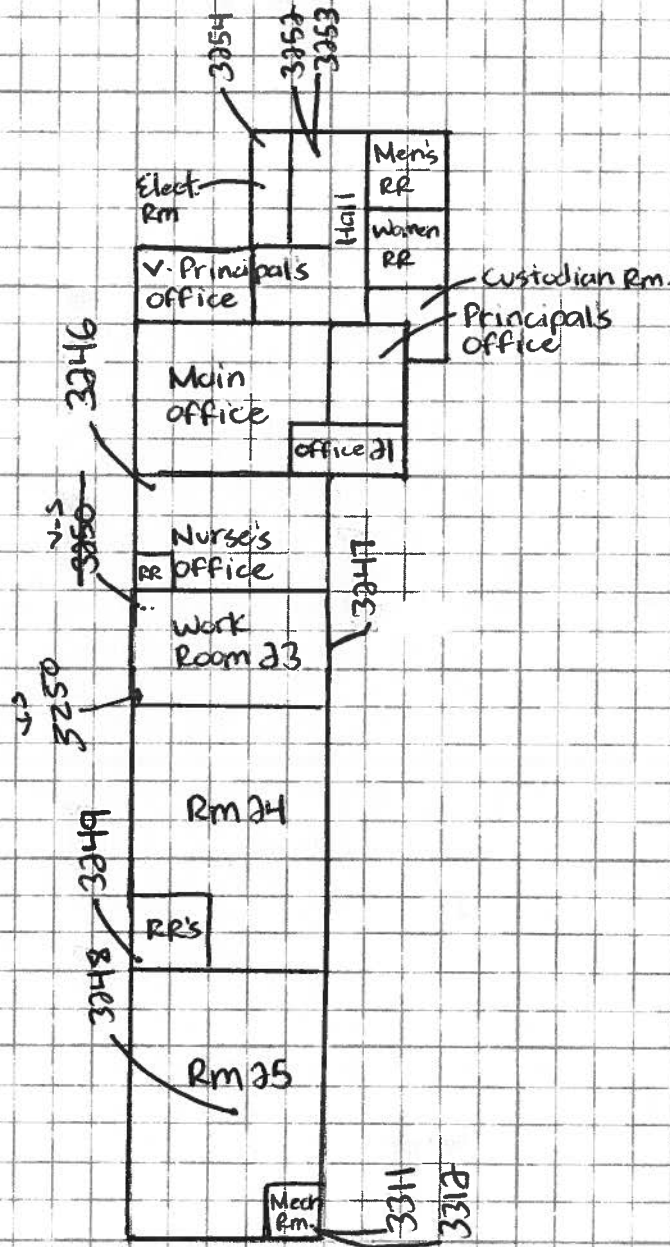
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Bldg. D



DESCRIPTION: SMMUSD

JOB NAME: Grant E.S.

JOB NO: 107-0008

DRAWN BY: Ernest Acevedo Jr.

DATE: 4/17/07

SKETCH NO:

SCALE:

PAGE 1 OF 1

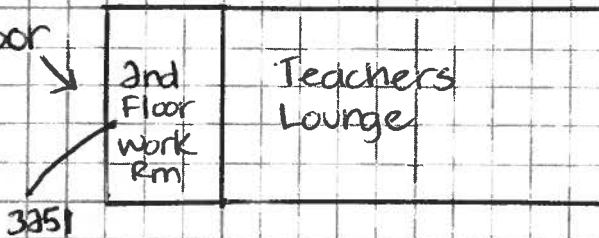


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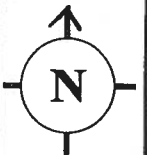
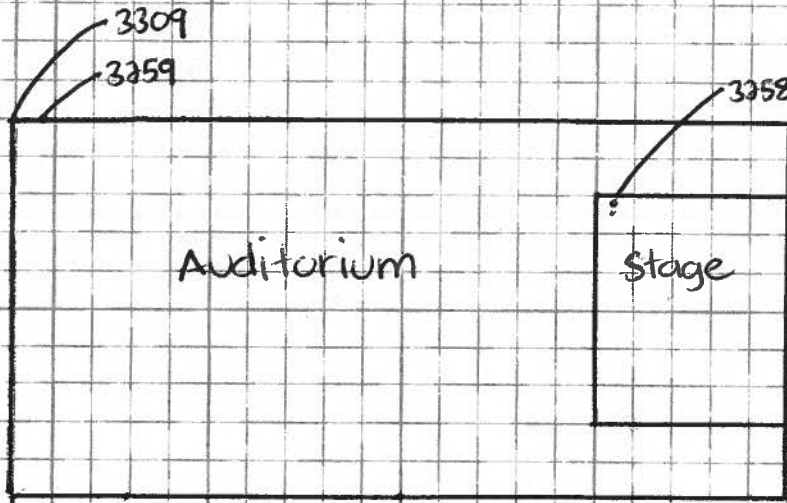
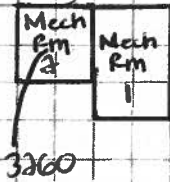
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Email: info@ctles.com

Bldg E

Bldg E
2nd Floor



* This bldg is above the main office bldg D.



DESCRIPTION: SMMUSD

JOB NAME: Grant. E.S.

JOB NO: 107-0008

DATE: 4/17/07

SCALE:

DRAWN BY: Ernest Acevedo Jr.

SKETCH NO:

PAGE 1 OF 1

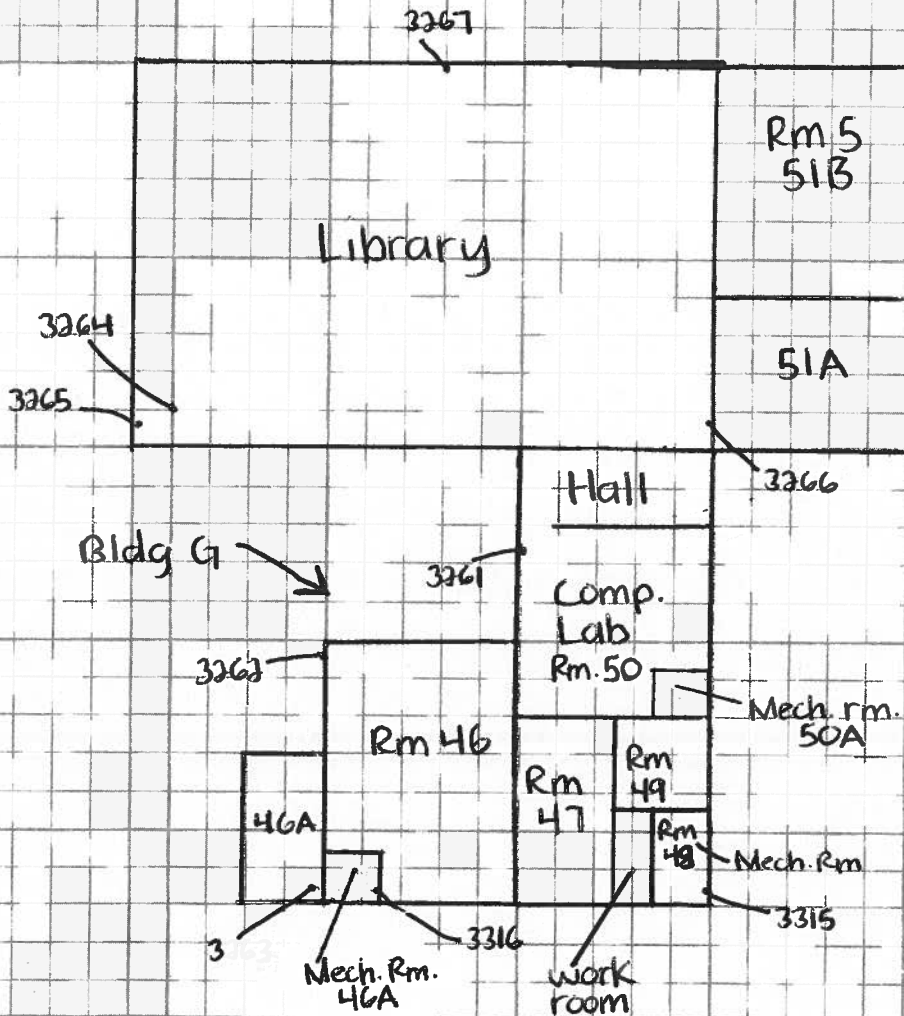


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Bldg F - Library

Bldg G



DESCRIPTION:

SMMUSD

JOB NAME:

Grant Elementary School

JOB NO:

107-0008

DATE:

4/17/07

SCALE:

DRAWN BY:

Ernest Acevedo Jr.

SKETCH NO:

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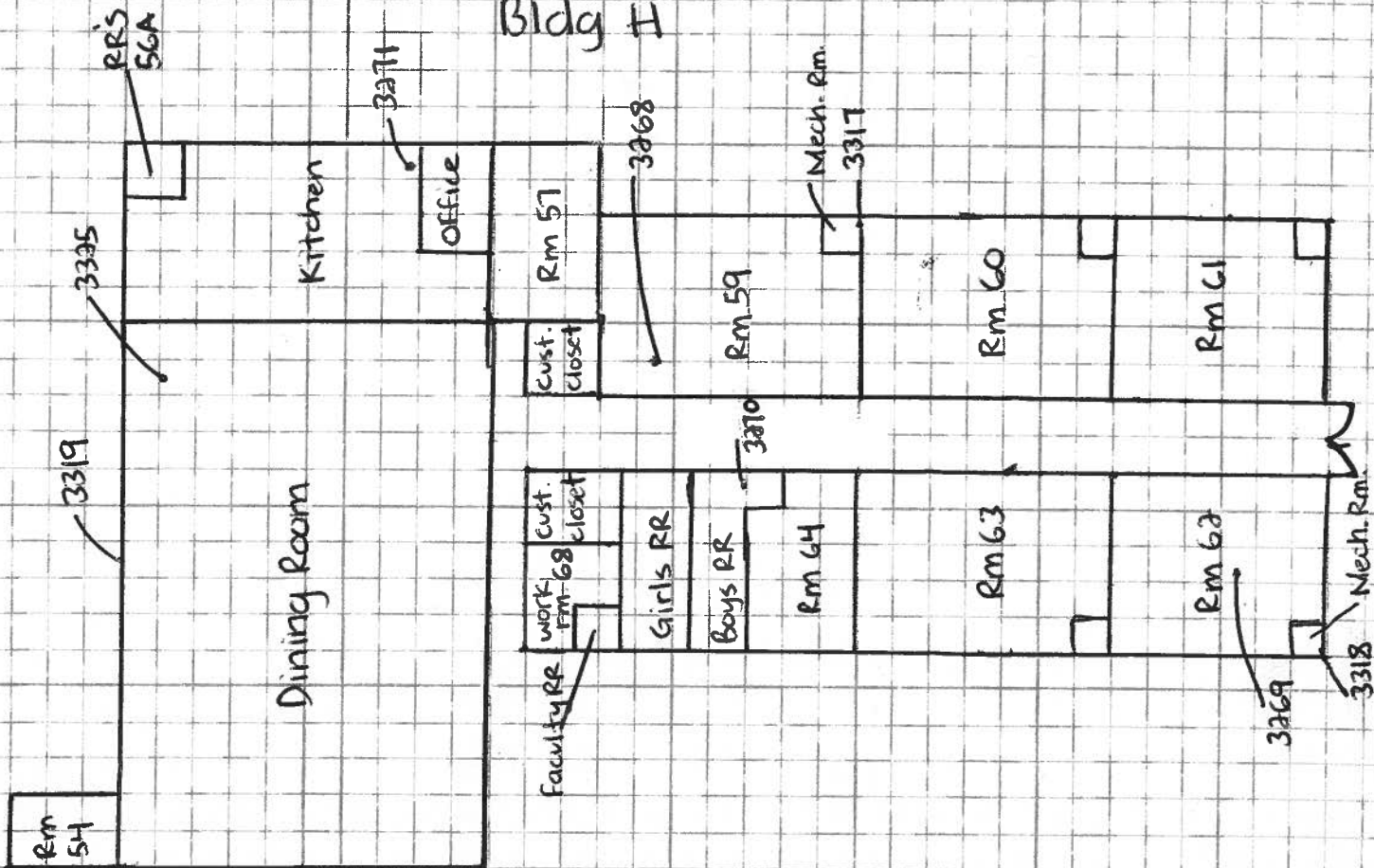
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Bldg H



DESCRIPTION: SMMUSD

JOB NAME: Grant E.S.

JOB NO: 107-0008

DATE: 4/17/07

SCALE: —

DRAWN BY: Ernest Aravedo Jr.

SKETCH NO: —

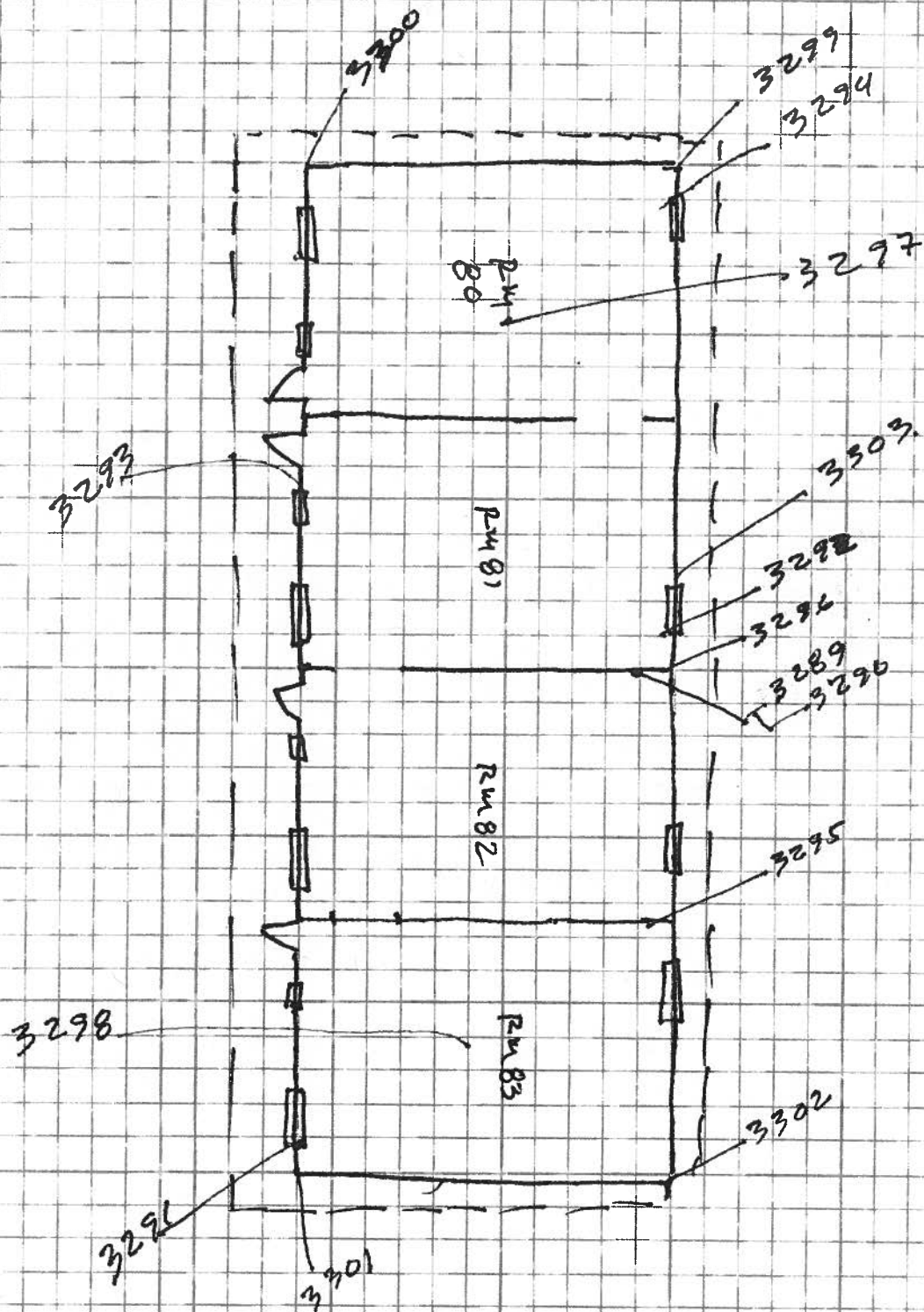
PAGE 1 OF 1



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Email: info@ctles.com

Bldg J



DESCRIPTION:

Bldg J ?

JOB NAME:

Grant ES.

JOB NO:

107-0008

DATE:

3-23-07

SCALE:

DRAWN BY:

N. Sander

SKETCH NO:

—

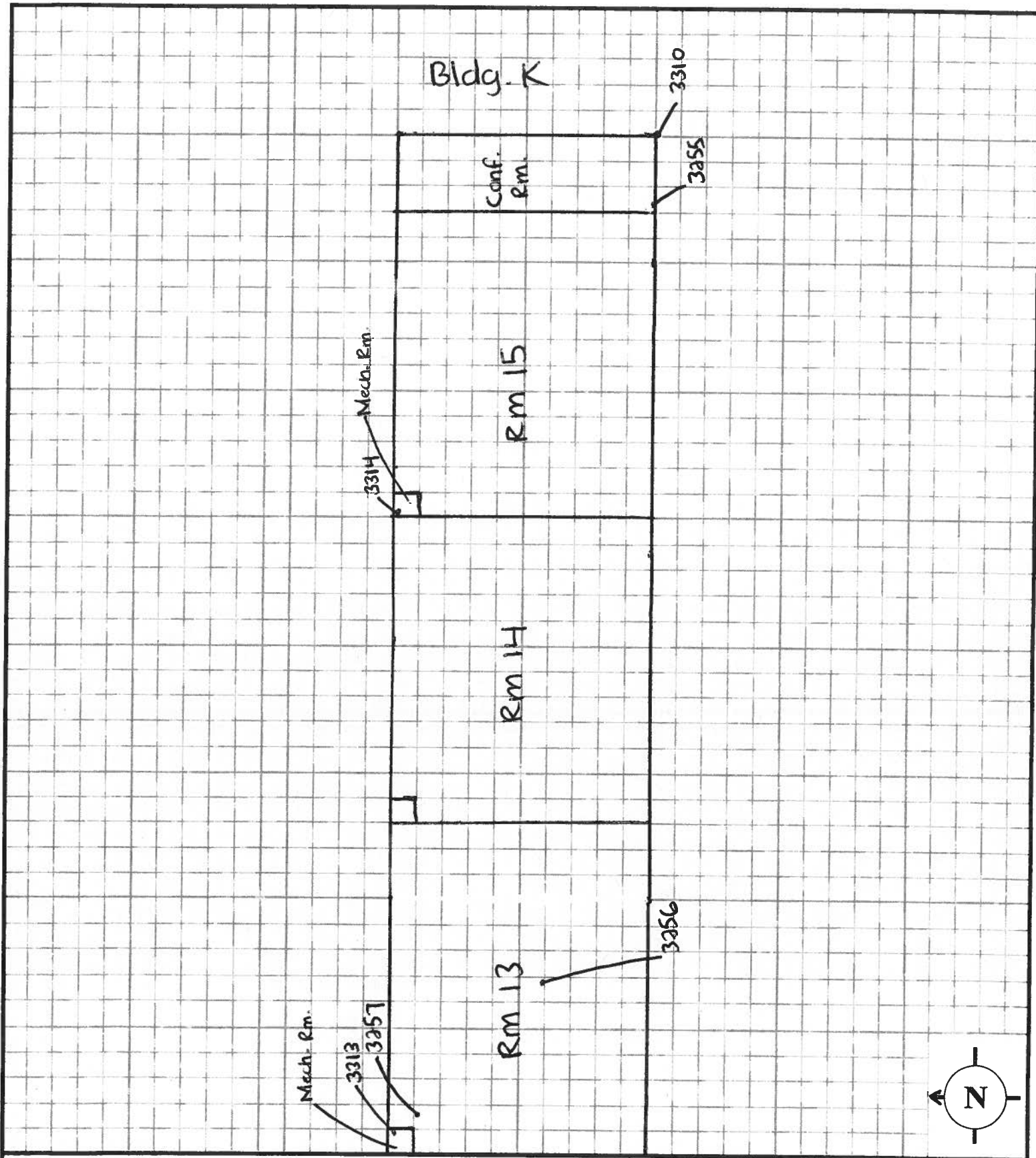
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1 OF 1



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Email: info@ctles.com



DESCRIPTION: SMMUSD		
JOB NAME: Grant E.S.		
JOB NO: 107-0008	DATE: 4/17/07	SCALE: 1" = 1'
DRAWN BY: Ernest Acevedo Jr	SKETCH NO: 1	PAGE 1 OF 1



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 24404 S. Vermont Avenue, Suite 307
 Harbor City, California 90710
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APPENDIX D

CTL EMPLOYEE CERTIFICATIONS

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Victor M Sanchez

Name

Certification No. 01-2872

Expires on 03/09/07



This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

Certificate Of Completion

Victor Sanchez

Ending four digits SS#: 9626

Has attended and completed the training course entitled:

Asbestos Building Inspector Refresher Course

DOSH Course # CA-015-06

Certificate # BIRC090906008N

Training Director: **Alan D. Dages**

Signature: 

Start Date: 09/09/06

Course End Date: 09/09/06

Expiration Date: 09/08/07

Instructor: Rodger Sandlin

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

NATEC INTERNATIONAL

1100 Technology Circle - Suite A, Anaheim, CA 92805

www.natecintl.com 714/678-2750 800/969-3228 (FAX) 714/678-2757

Certificate Of Completion

Victor Sanchez

(Ending four digits) SS#: 9626

Has attended and completed the training course entitled:

Asbestos Contractor / Supervisor Refresher Course

DOSH Course # CA-015-04

Certificate # AASR052606001N

Training Director: **Alan D. Dages**

Signature: 

Start Date: 05/26/06

Course End Date: 05/26/06

Expiration Date: 05/25/07

Instructor: Orville Allen

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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APPENDIX E
PREVIOUS SURVEY RECORD

TABLE 2.1

SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
GRANT ELEMENTARY SCHOOL BUILDINGS

SAMPLE NUMBER	MATERIAL DESCRIPTION/LOCATION	LABORATORY ANALYSIS RESULTS
G-01-01	Smooth plaster ceilings/kitchen building H	NAD
G-01-02	Smooth plaster ceilings/bathroom building H	NAD
G-01-03	Smooth plaster ceilings/building G	NAD
G-01-04	Smooth plaster ceilings/bathroom building B	NAD
G-01-05	Smooth plaster ceilings/bathroom building D	NAD
G-01-06	Smooth plaster ceilings/building E	NAD
G-01-07	Smooth plaster ceilings/bathroom building C	NAD
G-02-01	Smooth plaster walls/bathrooms building D	NAD
G-02-02	Smooth plaster walls/classroom building C South	NAD
G-02-03	Smooth plaster walls/teachers lounge building H	NAD
G-02-04	Smooth plaster walls/kitchen building H	NAD
G-02-05	Smooth plaster walls/bathroom building B	NAD
G-02-06	Smooth plaster walls/bathroom building C	NAD
G-02-07	Smooth plaster walls/building E	NAD
G-03-01	Rough plaster ceilings/storage room building E	NAD
G-03-02	+ Rough plaster ceilings/classroom building K	5% chrysotile
G-03-03	Rough plaster ceilings/classroom building D	NAD
G-03-04	Rough plaster ceilings/classroom building B	NAD
G-03-05	+ Rough plaster ceilings/building H	5% chrysotile
G-03-06	+ Rough plaster ceilings/classroom building H	3% chrysotile
G-03-07	+ Rough plaster ceilings/building G	NAD
G-03-08	Rough plaster ceilings/administration office building D	NAD
G-03-09	Rough plaster ceilings/classroom building D	NAD
G-03-10	Rough plaster ceilings/classroom building D	NAD
G-03-11	+ Rough plaster ceilings/classroom building B	5% chrysotile
G-03-12	+ Rough plaster ceilings/storage room building B	NAD
G-03-13	+ Rough plaster ceilings/classroom building B	NAD
G-03-14	Rough plaster ceilings/classroom building C	NAD
G-03-15	Rough plaster ceilings/storage building C	NAD
G-03-16	Rough plaster ceilings/classroom building C	NAD
G-03-17	Rough plaster ceilings/storage building C	NAD
G-03-18	+ Rough plaster ceilings/building G	5% chrysotile
G-03-19	+ Rough plaster ceilings/building G	NAD
G-04-01	Rough plaster walls/storage room building E	NAD
G-04-02	Rough plaster walls/administration building D	NAD
G-04-03	Rough plaster walls/classroom building K	NAD
G-04-04	Rough plaster walls/building B	NAD
G-04-05	Rough plaster walls/dining area building H	NAD
G-04-06	Rough plaster walls/classroom building H	NAD
G-04-07	Rough plaster walls/classroom building H	NAD
G-05-01	Exterior stucco walls/building B	NAD
G-05-02	Exterior stucco walls/classroom building D	NAD
G-05-03	Exterior stucco walls/classroom building C	NAD
G-05-04	Exterior stucco walls/building A	NAD
G-05-05	Exterior stucco walls/classroom building H	NAD
G-05-06	Exterior stucco walls/classroom building F	NAD
G-05-07	Exterior stucco walls/building F	2% chrysotile
NAD	- No asbestos detected	
(T)	- Tile	
(M)	- Mastic	

A, B, C, D, H

E

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GRANT ELEMENTARY SCHOOL

TABLE 2.1 (cont)

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION/LOCATION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
G-05-08	Exterior stucco walls/building F	3% chrysotile → F
G-05-10	Exterior stucco walls/building F	2% chrysotile → F
G-05-11	Exterior stucco walls/building F	NAD
G-05-12	Exterior stucco walls/building F	NAD
G-06-01	Exterior stucco overhang	Assumed
G-06-02	Exterior stucco overhang	Assumed
G-06-03	Exterior stucco overhang	Assumed
G-06-04	Exterior stucco overhang	Assumed
G-06-05	Exterior stucco overhang	Assumed
G-07-01	Gypsum board walls & locate compound/library	NAD
G-07-02	Gypsum board walls & locate compound/library	NAD
G-07-03	Gypsum board walls & locate compound/library	NAD
G-08-01	9"x 9" tan floor tile/classroom building A 9"x 9" tan floor tile mastic/classroom building A	3% chrysotile (T) 2% chrysotile (M)
G-09-01	Duct insulation/Building library building G	65% chrysotile
G-10-01	9"x 9" cream floor tile/library building G 9"x 9" cream floor tile mastic/library building G	4% chrysotile (T); 10% chrysotile (M)
G-11-01	9"x 9" brown floor tile/storage room building E 9"x 9" brown floor tile mastic/storage room building E	10% chrysotile (T) 10% chrysotile (M)
G-12-01	9"x 9" red floor tile/kitchen building H 9"x 9" red floor tile mastic/kitchen building H	5% chrysotile (T) NAD (M)
G-13-01	9"x 9" beige floor tile/classroom building B 9"x 9" beige floor tile mastic/classroom building B	5% chrysotile (T) 3% chrysotile (M)
G-14-01	Duct insulation/basement building E	65% chrysotile
G-14-02	Duct insulation/ attic building E	50% chrysotile
G-14-03	Duct insulation/attic building E	50% chrysotile
G-15-01	9"x 9" grey floor tile/janitor building C 9"x 9" grey floor tile mastic/janitor building C	3% chrysotile (T) 2% chrysotile (M)
G-16-01	1'x 1' ceiling tile - straight peghole/dining area building H	NAD
G-16-02	1'x 1' ceiling tile - straight peghole/classroom building B	NAD
G-16-03	1'x 1' ceiling tile - straight peghole/classroom building B	NAD
G-17-01	1'x 1' ceiling tile - straight peghole mastic/dining area building H	NAD
G-17-02	1'x 1' ceiling tile - straight peghole mastic/classroom building C south	NAD
G-17-03	1'x 1' ceiling tile - straight peghole mastic/dining area building H	NAD
G-18-01	1'x 1' ceiling tile - white fissured/Special Ed. building H	NAD
G-18-02	1'x 1' ceiling tile - white fissured/library building F	NAD
G-18-03	1'x 1' ceiling tile - white fissured/library building F	NAD
G-19-01	2'x 4' ceiling tile - lay in fissured/dining area building H	NAD
G-19-02	2'x 4' ceiling tile - lay in fissured/administration office building D	NAD
G-19-03	2'x 4' ceiling tile - lay in fissured/Building	NAD
NAD	- No asbestos detected	
(T)	- Tile	
(M)	- Mastic	

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GRANT ELEMENTARY SCHOOL

TABLE 2.1 (cont)

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
G-20-01	2'x 2' ceiling tile - straight peghole/Building E	NAD
G-21-01	Steam system pipe insulation - straight/Mech. room building A	45% amosite 15% crocidolite
G-22-01	Steam system pipe fitting insulation/mech room building A	3% chrysotile 45% amosite
G-23-01	Red linoleum flooring & mastic/stairwell building E	NAD (T) NAD (M)
G-24-01	Brown linoleum flooring & mastic/dining area building H Brown linoleum flooring & mastic	5% chrysotile (T) 2% chrysotile (M)
G-25-01	Brown & red linoleum flooring classroom building C south Brown and red linoleum classroom building C south	NAD (T) 2% chrysotile (M)
G-26-01	Roofing felt/Building J	NAD (Note 1)
G-27-01	Base & perimeter flashing/Building J	NAD (Note 1)
G-28-01	Silver coat flashing	Not sampled
G-29-01	Roofing shingles/building J	NAD (Note 1)
G-30-01	Duct tape seams/library	NAD
G-31-01	Sink undercoating/Building G	15% chrysotile
G-31-02	Sink undercoating/Building A	15% chrysotile
G-31-03	Sink undercoating/Building B	15% chrysotile
G-32-01	Window Putty/building K	NAD
G-32-02	Window Putty/building A	NAD
G-32-03	Window Putty/building B	NAD
G-33-01	Chalkboards	Assumed
G-34-01	Fire door insulation	Assumed
G-35-01	Mastic for 1'x 1' ceiling tile	Assumed
NAD	- No asbestos detected	
(T)	- Tile	
(M)	- Mastic	

NOTE 1: MATERIAL WAS SAMPLED UNDER A DIFFERENT ID NUMBER.

TABLE 2.2

**SUMMARY OF QUALITY CONTROL BULK SAMPLE ANALYSIS FOR ASBESTOS
GRANT ELEMENTARY SCHOOL**

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>PRIMARY LABORATORY</u>	<u>QUALITY CONTROL</u>
QC-G-05-06	Exterior stucco walls	NAD	2% chrysotile
QC-G-09-01	Duct insulation	65% chrysotile	70% chrysotile
QC-G-10-01	9"x 9" cream floor tile	4% chrysotile(T)	5% chrysotile (T)
	9"x 9" cream floor tile mastic	10% chrysotile (M)	4% chrysotile (M)
QC-G-14-03	Duct insulation	50% chrysotile	50% chrysotile
QC-G-21-01	Steam system pipe insulation straight	45% amosite	15% amosite
		15% crocidolite	7% crocidolite
QC-G-25-01	Brown & red linoleum flooring & mastic	NAD (T) 2% chrysotile	2% chrysotile
NAD	-	No Asbestos Detected	
(T)	-	Tile	
(M)	-	Mastic	

APPENDIX A

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : F
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : 9x9 ft
HOMOGENEOUS AREA # :
FUNCTIONAL AREA : Office, storage

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : _____

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

<u>SAMPLE #</u>	<u>SAMPLE LOCATION</u>	<u>ANALYSIS RESULTS</u>
-----------------	------------------------	-------------------------

CONDITION OF ACM OR ACE:

Percent Distributed damage: 100
Type of damage: Fibers
Overall rating: Good

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

	LOW				HIGH
	1	2	3	4	5
Potential for contact:	—	—	—	—	☒
Influence of vibration:	☒	—	—	—	—
Potential for air erosion:	☒	—	—	—	—

IS MATERIAL ACCESSIBLE?: 14

IS MATERIAL LOCATED IN AN AIR PLENUM?: N

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good Condition with low potential for damage

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: O & M, maintain and monitor

INSPECTOR'S COMMENTS: None

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : H
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : RPC ROUGH PLASTER CEILING
HOMOGENEOUS AREA # : other ← C.R. / Lunch area
FUNCTIONAL AREA : Abr. v. cgs, exposed in classrooms

TYPE OF MATERIAL : SURFACING ☒ THERMAL SYSTEM INSULATION ☐ MISC. ☐

APPROXIMATE QUANTITY : _____

FRIABILITY : NON-FRIABLE _____
 MODERATELY FRIABLE ☒
 FRIABLE _____

MATERIAL LOCATIONS :

<u>SAMPLE #</u>	<u>SAMPLE LOCATION</u>	<u>ANALYSIS RESULTS</u>
-----------------	------------------------	-------------------------

CONDITION OF ACM OR ACE:

Percent Distributed damage: ~~1.2%~~ > 1%
Type of damage:
Overall rating:

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

	LOW			HIGH	
	1	2	3	4	5
Potential for contact:	—	✓	—	—	—
Influence of vibration:	—	✓	—	—	—
Potential for air erosion:	—	✓	—	—	—

(2)

IS MATERIAL ACCESSIBLE?: Y

IS MATERIAL LOCATED IN AN AIR PLENUM?: N?

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good Condition with potential for damage

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: O & M, maintain and monitor

INSPECTOR'S COMMENTS: Damage is from 2x4 ceiling tile grid or other cgs mtd, fixtures

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : H

ASBESTOS-CONTAINING MATERIAL DESCRIPTION : 9x9 ft

HOMOGENEOUS AREA # :

FUNCTIONAL AREA : Classroom, lunch room, ~~server~~ food prep area, lounge

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : _____

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: 1-2%

Type of damage: Dmg

Overall rating: Good

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

Potential for contact:
Influence of vibration:
Potential for air erosion:

LOW				HIGH	
1	2	3	4	5	
☒	—	—	—	☒	
☒	—	—	—	—	

IS MATERIAL ACCESSIBLE?: Y

IS MATERIAL LOCATED IN AN AIR PLENUM?: N

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good Condition with low potential for damage

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: Repair or replace tiles to correct damage

INSPECTOR'S COMMENTS: Damage in food prep area $\approx$ 5%. Damage mainly cracked tile around heavy equipment

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : C
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : 9x9 ft
HOMOGENEOUS AREA # :
FUNCTIONAL AREA : Classroom, storage

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : _____

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

<u>SAMPLE #</u>	<u>SAMPLE LOCATION</u>	<u>ANALYSIS RESULTS</u>
-----------------	------------------------	-------------------------

CONDITION OF ACM OR ACE:

Percent Distributed damage: > 1%
Type of damage:
Overall rating:

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

Potential for contact:
Influence of vibration:
Potential for air erosion:

LOW			HIGH		
1	2	3	4	5	
—	—	—	—	—	☒
☒	—	—	—	—	
☒	—	—	—	—	

IS MATERIAL ACCESSIBLE?: Y

IS MATERIAL LOCATED IN AN AIR PLENUM?: N

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good Condition with low potential for damage

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: O & M, maintain and monitor

INSPECTOR'S COMMENTS:

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : C (Sealth)
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : Linoleum
HOMOGENEOUS AREA # :
FUNCTIONAL AREA : C1255 room, storage

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : _____

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: > 1%
Type of damage:
Overall rating:

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

	LOW				HIGH
	1	2	3	4	5
Potential for contact:	☒	_____	_____	_____	_____
Influence of vibration:	☒	_____	_____	_____	_____
Potential for air erosion:	☒	_____	_____	_____	_____

IS MATERIAL ACCESSIBLE?: Yes

IS MATERIAL LOCATED IN AN AIR PLENUM?: No

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good Condition *

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: O & M, maintain and monitor

INSPECTOR'S COMMENTS: Under carpet

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : 3
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : Brown linoleum
HOMOGENEOUS AREA # :
FUNCTIONAL AREA : Classroom

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : _____

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

<u>SAMPLE #</u>	<u>SAMPLE LOCATION</u>	<u>ANALYSIS RESULTS</u>
-----------------	------------------------	-------------------------

CONDITION OF ACM OR ACE:

Percent Distributed damage: > 1%
Type of damage: Phys
Overall rating: Good

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

Potential for contact:
Influence of vibration:
Potential for air erosion:

LOW				HIGH	
1	2	3	4	5	
✓				✓	
✓					

IS MATERIAL ACCESSIBLE?: Y

IS MATERIAL LOCATED IN AN AIR PLENUM?: N

MANAGEMENT PLANNER'S HAZARD ASSESSMENT:

Good Condition with low potential for damage

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION:

Of m, maintain and monitor

INSPECTOR'S COMMENTS:

None

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : 3
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : 9x9 ft
HOMOGENEOUS AREA # :
FUNCTIONAL AREA : Classrooms, storage

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : _____

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

<u>SAMPLE #</u>	<u>SAMPLE LOCATION</u>	<u>ANALYSIS RESULTS</u>
-----------------	------------------------	-------------------------

CONDITION OF ACM OR ACE:

Percent Distributed damage: > 1%
Type of damage: Phys
Overall rating: Good

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

Potential for contact:
Influence of vibration:
Potential for air erosion:

LOW				HIGH
1	2	3	4	5
☒	☒	☐	☐	☒
☒	☒	☐	☐	☐
☒	☒	☐	☐	☐

IS MATERIAL ACCESSIBLE?: Y

IS MATERIAL LOCATED IN AN AIR PLENUM?: N

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good Condition with low potential for damage

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: O&M, maintain and monitor

INSPECTOR'S COMMENTS:

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : 3
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : Sink undercoat
HOMOGENEOUS AREA # :
FUNCTIONAL AREA : cabinet

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. _____

APPROXIMATE QUANTITY : 5 EA

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage:
Type of damage:
Overall rating:

None
No Damage
Good

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

LOW					HIGH				
1	2	3	4	5	1	2	3	4	5
—	✓	—	—	—	—	—	—	—	—
—	✓	—	—	—	—	—	—	—	—
✓	—	—	—	—	—	—	—	—	—

Potential for contact:
Influence of vibration:
Potential for air erosion:

IS MATERIAL ACCESSIBLE?:

Yes

IS MATERIAL LOCATED IN AN AIR PLENUM?:

No

MANAGEMENT PLANNER'S HAZARD ASSESSMENT:

Good Condition

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION:

O&M, maintain and monitor

INSPECTOR'S COMMENTS:

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : A
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : Sink undercoat
HOMOGENEOUS AREA # :
FUNCTIONAL AREA : cabinets

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : 400

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: None
Type of damage: No Damage
Overall rating: Good Condition

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

	LOW			HIGH	
	1	2	3	4	5
Potential for contact:	—	—	—	—	—
Influence of vibration:	—	<u>✓</u>	—	—	—
Potential for air erosion:	<u>✓</u>	—	—	—	—

IS MATERIAL ACCESSIBLE?: Y

IS MATERIAL LOCATED IN AN AIR PLENUM?: N

MANAGEMENT PLANNER'S HAZARD ASSESSMENT:

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION:

INSPECTOR'S COMMENTS:

Good Condition with low potential for damage. O & M, maintain and monitor

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : A
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : 9" x 9" ft
HOMOGENEOUS AREA # :
FUNCTIONAL AREA : Classrooms

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : _____

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: 51%
Type of damage: Phys
Overall rating: Good

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

	LOW				HIGH
	1	2	3	4	5
Potential for contact:	—	—	—	—	☒
Influence of vibration:	—	—	☒	—	—
Potential for air erosion:	—	☒	—	—	—

IS MATERIAL ACCESSIBLE?: Yes

IS MATERIAL LOCATED IN AN AIR PLENUM?: No

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good Condition with potential for damage

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: O & M, maintain and monitor

INSPECTOR'S COMMENTS: Pot. for con. lower where carpet is present.

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : K
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : 9x9 ft
HOMOGENEOUS AREA # :
FUNCTIONAL AREA : Classrooms

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : _____

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: 51%
Type of damage: ~~Good~~ Physical
Overall rating: Good

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

LOW				HIGH
1	2	3	4	5
_____	_____	_____	_____	☒
☒	_____	_____	_____	_____
☒	_____	_____	_____	_____

Potential for contact:
Influence of vibration:
Potential for air erosion:

IS MATERIAL ACCESSIBLE?: Y

IS MATERIAL LOCATED IN AN AIR PLENUM?: N

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good Condition with low potential for damage

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: O & M

INSPECTOR'S COMMENTS: None

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : D
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : 9x9 ft
HOMOGENEOUS AREA # :
FUNCTIONAL AREA : Class rooms, offices

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : _____

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage:
Type of damage:
Overall rating:

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

Potential for contact:
Influence of vibration:
Potential for air erosion:

LOW			HIGH	
1	2	3	4	5
—	—	—	—	☒
—	☒	—	—	—
—	☒	—	—	—

IS MATERIAL ACCESSIBLE?: Yes

IS MATERIAL LOCATED IN AN AIR PLENUM?:

No

MANAGEMENT PLANNER'S HAZARD ASSESSMENT:

Good Condition with low potential for damage

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION:

O & M, maintain and monitor

INSPECTOR'S COMMENTS: None

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : C
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : 9x9 ft
HOMOGENEOUS AREA # :
FUNCTIONAL AREA : Lounge

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : _____

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: 100% 170
Type of damage: phys
Overall rating: Good

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

Potential for contact:
Influence of vibration:
Potential for air erosion:

LOW				HIGH	
1	2	3	4	5	
—	—	—	—	☒	(3)
☒	—	—	—	—	
☒	—	—	—	—	

IS MATERIAL ACCESSIBLE?: Y

IS MATERIAL LOCATED IN AN AIR PLENUM?: N

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good Condition with potential for damage

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION:

INSPECTOR'S COMMENTS: Tile is worn but intact in ~~most cases~~
except for occasional broken tile. Tile
is coming up in duplicator room
(≈ 10 tiles)

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : E
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : ~~Asbestos~~ Linoleum
HOMOGENEOUS AREA # :
FUNCTIONAL AREA : Stairs / Landing

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : _____

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: 10%
Type of damage: ~~Good~~ Phys
Overall rating: Good

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

	LOW			HIGH	
	1	2	3	4	5
Potential for contact:	—	—	—	—	☒
Influence of vibration:	☒	—	—	—	—
Potential for air erosion:	☒	—	—	—	—

IS MATERIAL ACCESSIBLE?:

Yes

IS MATERIAL LOCATED IN AN AIR PLENUM?:

No

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good condition with potential for damage.

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: ① & M, maintain and monitor

INSPECTOR'S COMMENTS: None

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : E
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : Flex conns
HOMOGENEOUS AREA # :
FUNCTIONAL AREA : ~~Basement~~ Mech rooms

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION ☒ MISC. _____

APPROXIMATE QUANTITY : 2 ea (8 LFEA)

FRIABILITY : NON-FRIABLE _____
MODERATELY FRIABLE ☒
FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: 1%
Type of damage: physical
Overall rating: Fair

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

	LOW			HIGH	
	1	2	3	4	5
Potential for contact:	—	—	✓	—	—
Influence of vibration:	—	—	—	—	✓
Potential for air erosion:	—	—	—	—	✓

IS MATERIAL ACCESSIBLE?: Y

IS MATERIAL LOCATED IN AN AIR PLENUM?: Y

MANAGEMENT PLANNER'S HAZARD ASSESSMENT:

Good condition with potential for damage

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION:

O & M, maintain and monitor

INSPECTOR'S COMMENTS:

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : E
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : Direct insulation
HOMOGENEOUS AREA # :
FUNCTIONAL AREA : Above dg. of addition

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION ☒ MISC. _____

APPROXIMATE QUANTITY : _____

FRIABILITY : NON-FRIABLE _____
MODERATELY FRIABLE _____
FRIABLE ☒

MATERIAL LOCATIONS :

<u>SAMPLE #</u>	<u>SAMPLE LOCATION</u>	<u>ANALYSIS RESULTS</u>
-----------------	------------------------	-------------------------

CONDITION OF ACM OR ACE:

Percent Distributed damage: 2-3%
Type of damage: Physical
Overall rating: Fair

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

Potential for contact:
Influence of vibration:
Potential for air erosion:

LOW					HIGH				
1	2	3	4	5	1	2	3	4	5
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—

IS MATERIAL ACCESSIBLE?: Y

IS MATERIAL LOCATED IN AN AIR PLENUM?: Y?

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good Condition with potential for damage

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: O&M, reduce potential for disturbance

INSPECTOR'S COMMENTS: Insulation appears intact, but is very old looking & may be deteriorating

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : E
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : Duct insulation
HOMOGENEOUS AREA # :
FUNCTIONAL AREA : Basement

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION ☒ MISC. _____

APPROXIMATE QUANTITY : ~~100~~ 100 ☒

FRIABILITY : NON-FRIABLE _____
MODERATELY FRIABLE _____
FRIABLE ☒

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: ~~10%~~ 5%
Type of damage: Phys
Overall rating: Poor

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

	LOW			HIGH	
	1	2	3	4	5
Potential for contact:	—	—	☒	—	—
Influence of vibration:	—	—	—	—	☒
Potential for air erosion:	—	—	—	☒	—

IS MATERIAL ACCESSIBLE?: Y

IS MATERIAL LOCATED IN AN AIR PLENUM?: Y

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good Condition with potential for damage

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: Encapsulate exposed ends of material

INSPECTOR'S COMMENTS: Insulation has been partially removed, leaving exposed ends of material.

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : "E"
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : 9x9 ft
HOMOGENEOUS AREA # :
FUNCTIONAL AREA : Auditorium

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : _____

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

<u>SAMPLE #</u>	<u>SAMPLE LOCATION</u>	<u>ANALYSIS RESULTS</u>
-----------------	------------------------	-------------------------

CONDITION OF ACM OR ACE:

Percent Distributed damage:
Type of damage:
Overall rating:

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

LOW				HIGH
1	2	3	4	5
—	—	—	—	☒
—	☒	—	—	—
—	☒	—	—	—

Potential for contact:
Influence of vibration:
Potential for air erosion:

IS MATERIAL ACCESSIBLE?: Y

IS MATERIAL LOCATED IN AN AIR PLENUM?: N

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good Condition with low potential for damage

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: O & M, maintain and monitor

INSPECTOR'S COMMENTS: None

Grant

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : B & C
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : Plaster Ceiling
HOMOGENEOUS AREA # :
FUNCTIONAL AREA :

TYPE OF MATERIAL : SURFACING ☒ THERMAL SYSTEM INSULATION _____ MISC. _____

APPROXIMATE QUANTITY : 12,700

FRIABILITY : NON-FRIABLE _____
MODERATELY FRIABLE _____
FRIABLE ☒

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: None
Type of damage: No Damage
Overall rating: Good Condition

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

	LOW				HIGH
	1	2	3	4	5
Potential for contact:	—	✓	—	—	—
Influence of vibration:	—	✓	—	—	—
Potential for air erosion:	—	—	✓	—	—

IS MATERIAL ACCESSIBLE?: Yes

IS MATERIAL LOCATED IN AN AIR PLENUM?: no

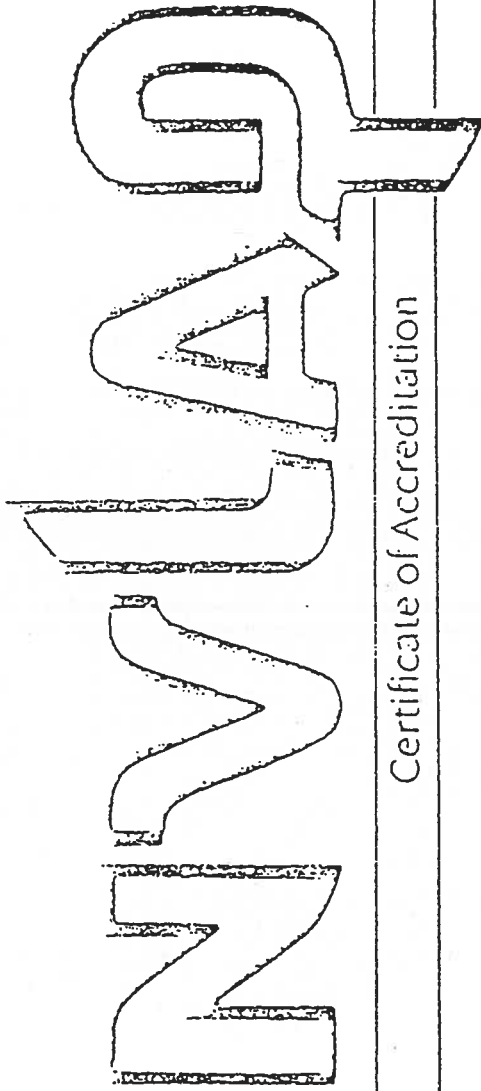
MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good Condition with low potential for dam

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: O & M, reduce potential for disturbance

INSPECTOR'S COMMENTS:

APPENDIX B

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation

HYGEIA ENVIRONMENTAL LABORATORIES, INC.

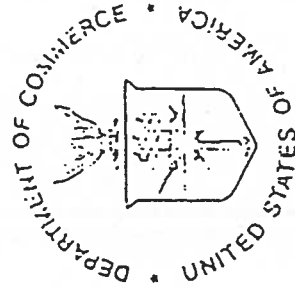
SIERRA MADRE, CA

is recognized under the National Voluntary Laboratory Accreditation Program
for satisfactory compliance with criteria established in Title 15, Part 7 Code of Federal Regulations.
Accreditation is awarded for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

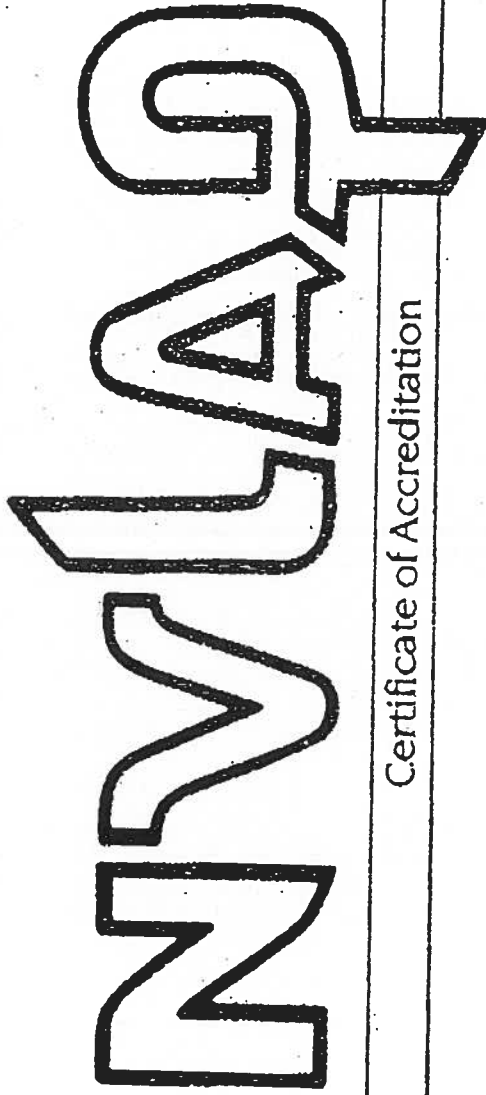
July 1, 1993

Effective until



Richard D. Holen
For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation

CONCORD ANALYSIS, INC.
CHATSWORTH, CA

*is recognized under the National Voluntary Laboratory Accreditation Program
for satisfactory compliance with criteria established in Title 15, Part 7 Code of Federal Regulations.
Accreditation is awarded for specific services, listed on the Scope of Accreditation, for:*

BULK ASBESTOS FIBER ANALYSIS

January 1, 1993
Effective until



Richard D. Phillips
For the National Institute of Standards and Technology

EPA Accredited AHERA Approved



OCCUPATIONAL TRAINING INSTITUTE, INC.

BE IT KNOWN TO ALL THAT
TIMOTHY M. ELLIOTT
SS# 409-31-5325

HAS SUCCESSFULLY COMPLETED A 7 DAY COURSE AND, AFTER PASSING

THE REQUIRED EXAMINATION, IS AWARDED THIS CERTIFICATE

ON

APRIL 9, 1993

FOR

INSPECTING BUILDING

FOR ASBESTOS

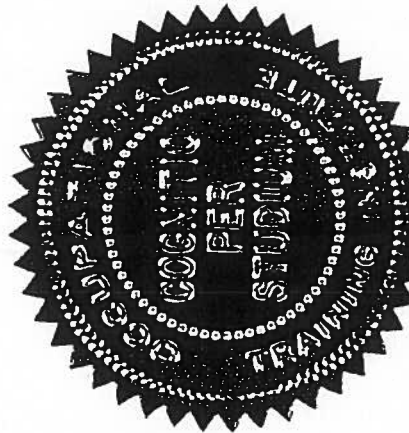
Annual Refresher Course

IBFA-R-228-93

ACCREDITATION NO.

APRIL 9, 1994

EXPIRATION DATE



Charles E. Goodshall

EXECUTIVE DIRECTOR

David C. A. Lee

EXAM ADMINISTRATOR

For purposes of accreditation required under section 266 of the Toxic Substances Control Act (TSCA)
Occupational Training Institute, Inc. - (Occutrain) - 200 Baker Street Ste. # 205 Costa Mesa, CA 92626-Ph: 714 556-7844

A.H.E.R.A. ACCREDITED



NATIONAL ENVIRONMENTAL
TRAINING FOR HAZARDOUS MATERIALS AND ASBESTOS

1019 W. Manchester Blvd., Inglewood, CA 90301
In Calif. (800) 544-8323 • (213) 645-4516 • Fax (213) 645-0148

00498
CERTIFICATE NUMBER

This is to certify that

WILLIE NWAGBOSO

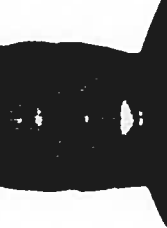
444-74-1952

HAS SUCCESSFULLY COMPLETED THE COURSE AND PASSED THE
EXAMINATION FOR MANAGEMENT PLANNER AS PRESCRIBED BY
THE ENVIRONMENTAL PROTECTION AGENCY FOR PRACTICES
AND PROCEDURES IN ASBESTOS ABATEMENT.

AUGUST 20-21, 1992
TRAINING DATE

AUGUST 21, 1992
EXAMINATION DATE

AUGUST 20, 1993
EXPIRATION DATE



James McFarland
Program Director
NATIONAL ENVIRONMENTAL

APPENDIX C

PRIMARY LABORATORY

RECEIVED JUN 15 1992

Atlanta
Boston
Los Angeles
New York
Utica

82 W. Sierra Madre Blvd.
Sierra Madre, California
91024-2434

818-355-4711
FAX: 818-355-4497

May 22, 1992

Hygeia Environmental Laboratories Inc.

Mr. Kurt Gates
Cape Environmental Mgt. Inc.
5777 W. Century Blvd. Ste. 260
Los Angeles, CA 90065

Subject: PLM Analysis of Bulk Samples - 24 hr
C1122920039
41017.30 Grant Elementary

Dear Mr. Gates:

This report, which includes the attached Summary, contains the results of the analyses of the 75 bulk samples collected by you and submitted to this laboratory on May 7, 1992. The analyses were performed in accordance with the EPA Interim Method 600/M4-82-020, December 1982. The phase abundances provided are visually estimated and expressed as percent area. These results should be considered to lie within statistical limits of variability inherent in the method employed. On a per sample basis, the accuracy and precision of the results depend on the type of sample and on its asbestos content.

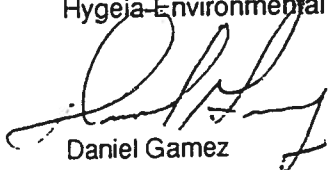
Hygeia recommends transmission electron microscopy (TEM) analysis on bulk materials which contain a large amount of interfering materials (e.g., vinyl floor tile, mastics, roofing materials, joint compounds) when polarized light microscopy (PLM) analysis shows less than one percent or undetectable quantities of asbestos. These materials often contain milled asbestos with fiber lengths of one micrometer or less. Because these fibers are not detected by PLM, PLM analysis may yield a false negative result.

Hygeia Environmental Laboratories Inc. is accredited under the NIST/NVLAP program for asbestos in bulk materials by polarized light microscopy and the State of California for asbestos analysis.

Hygeia Environmental Laboratories Inc. and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analyses only. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. We will retain these samples for a period of three months unless otherwise specified. This report relates only to the samples submitted and analyzed.

If you have any questions regarding your results, this report, or the analytical methods employed, please feel free to contact us at (818) 355-4711.

Sincerely,
Hygeia Environmental Laboratories Inc.


Daniel Gamez
Supervisor of Optical Microscopy

Attachments
SMD


FOR Gustavo A. Delgado, Ph.D.
VP/Director of Operations
Hygeia, Los Angeles Region



82 W. Sierra Madre Blvd
Sierra Madre, California
91024-2434

818-355-4711
FAX: 818-355-4497

Hygeia Environmental Laboratories Inc.

Atlanta
Boston
Los Angeles
New York

Bulk Sample Analysis Summary

May 22, 1992

Mr. Kurt Gates
Cape Environmental Mgt. Inc.
5777 W. Century Blvd. Ste. 260
Los Angeles, CA 90065

Hygeia Ref. No.: C1122920039
Date Received: May 7, 1992
Date Analyzed: May 8, 1992
No. Samples: 75
Analytical Method: EPA 600/M4-82-020

Client Project: 41017.30 Grant Elementary
Microscopist: Anne Carlsen

NIST / NVLAP Lab Code No. 1011-04
California Dept of Health Services
ELAP Certificate No. 1269

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
G-01-01 61005C	n/a	No	100% mineral filler	X
G-01-02 61006C	n/a	No	5% cellulose 95% mineral filler	
G-01-03 61007C	n/a	No	3% cellulose 97% mineral filler	
G-01-04 61008C	n/a	No	10% cellulose 90% mineral filler	
G-01-05 61009C	n/a	No	5% cellulose 95% mineral filler	
G-01-06 61010C	n/a	No	3% cellulose 97% mineral filler	

Bulk Sample Analysis Summary

Page 2

Date: May 22, 1992

Hygeia Ref. No.: C1122920039

Microscopist: Anne Carlsen

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
G-01-07 61011C	n/a	No	100% mineral filler	
G-02-01 61012C	n/a	No	2% cellulose 98% mineral filler	
G-02-02 61013C	n/a	No	100% mineral filler	X
G-02-03 61014C	n/a	No	5% cellulose 95% mineral filler	
G-02-04 61015C	n/a	No	2% cellulose 98% mineral filler	
G-02-05 61016C	n/a	No	5% cellulose 95% mineral filler	
G-02-06 61017C	n/a	No	100% mineral filler	
G-02-07 61018C	n/a	No	3% cellulose 97% mineral filler	

Bulk Sample Analysis Summary

Page 3

Date: May 22, 1992

Hygeia Ref. No.: C1122920039

Microscopist: Anne Carlsen

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
G-03-01 61019C	n/a	No	100% mineral filler	
G-03-02 61020C	n/a	Yes	5% chrysotile 5% cellulose 90% mineral filler	
G-03-03 61021C	n/a	No	5% cellulose 85% mineral filler 10% organic binders	
G-03-04 61022C	n/a	No	100% mineral filler	
G-03-05 61023C	n/a	Yes	5% chrysotile 5% cellulose 90% mineral filler	
G-03-06 61024C	n/a	Yes	3% chrysotile 2% cellulose 95% mineral filler	
G-03-07 61025C	n/a	No	3% cellulose 97% mineral filler	
G-04-01 61026C	n/a	No	100% mineral filler	

Bulk Sample Analysis Summary

Page 4

Date: May 22, 1992

Hygeia Ref. No.: C1122920039

Microscopist: Cesar Sandoval

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
G-04-02 61027C	n/a	No	5% cellulose 95% mineral filler	
G-04-03 61028C	n/a	No	3% cellulose 97% mineral filler	
G-04-04 61029C	n/a	No	100% mineral filler	
G-04-05 61030C	n/a	No	5% cellulose 95% mineral filler	
G-04-06 61031C	n/a	No	5% cellulose 95% mineral filler	
G-04-07 61032C	n/a	No	100% mineral filler	
G-05-01 61033C	n/a	No	100% mineral filler	
G-05-02 61034C	n/a	No	100% mineral filler	

Bulk Sample Analysis Summary

Page 5

Date: May 22, 1992

Hygeia Ref. No.: C1122920039

Microscopist: Cesar Sandoval

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
G-05-03 61035C	n/a	No	100% mineral filler	X
G-05-04 61036C	n/a	No	100% mineral filler	
G-05-05 61037C	n/a	No	100% mineral filler	
G-05-06 61038C	n/a	No	100% mineral filler	
G-05-07 61039C	n/a	No	100% mineral filler	
G-07-01 61040C	n/a	No	100% mineral filler	
G-07-02 61041C	n/a	No	5% cellulose 95% mineral filler	
G-07-03 61042C	n/a	No	10% cellulose 90% mineral filler	X

Bulk Sample Analysis Summary

Page 6

Date: May 22, 1992

Hygeia Ref. No.: C11229200399

Microscopist: Cesar Sandoval

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
G-08-01 61043C	tile	Yes	3% chrysotile 97% mineral filler	
G-08-01 61043C	mastic	Yes	2% chrysotile 8% mineral filler 90% organic binders	
G-09-01 61044C	n/a	Yes	65% chrysotile 5% cellulose 30% mineral filler	X
G-10-01 61045C	tile	Yes	4% chrysotile 96% mineral filler	
G-10-01 61045C	mastic	Yes	10% chrysotile 90% mineral filler	
G-11-01 61046C	tile	Yes	10% chrysotile 90% mineral filler	
G-11-01 61046C	mastic	Yes	10% chrysotile 90% mineral filler	
G-12-01 61047C	tile	Yes	5% chrysotile 95% mineral filler	

Bulk Sample Analysis Summary

Page 7

Date: May 22, 1992

Hygeia Ref. No.: C1122920039

Microscopist: Cesar Sandoval

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
G-12-01 61047C	mastic	No	30% cellulose 10% synthetic 10% mineral filler 50% organic binders	
G-13-01 61048C	tile	Yes	5% chrysotile 95% mineral filler	
G-13-01 61048C	mastic	Yes	3% chrysotile 10% mineral filler 87% organic binders	
G-14-01 61049C	n/a	Yes	65% chrysotile 10% cellulose 25% mineral filler	
G-15-01 61050C	tile	Yes	3% chrysotile 97% mineral filler	
G6-15-01 61050C	mastic	Yes	2% chrysotile 20% mineral filler 78% organic binders	
G-16-01 61051C	n/a	No	100% cellulose	
G-16-02 60152	n/a	No	100% cellulose	X

Bulk Sample Analysis Summary

Page 8

Date: May 22, 1992

Hygeia Ref. No.: C1122920039

Microscopist: Sean McGee

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
G-16-03 61053C	n/a	No	100% cellulose	
G-17-01 61054	n/a	No	5% cellulose 10% fibrous talc 85% organic binders	
G-17-02 61055	n/a	No	10% cellulose 10% fibrous talc 80% organic binders	
G-17-03 61056C	n/a	No	5% cellulose 10% fibrous talc 85% organic binders	X
G-18-01 61057C	n/a	No	100% cellulose	
G-18-02 61058C	n/a	No	80% cellulose 20% mineral filler	
G-18-03 61059C	n/a	No	80% cellulose 20% mineral filler	
G-19-01 61060C	n/a	No	40% cellulose 40% fibrous glass 20% perlite	

Bulk Sample Analysis Summary

Page 9

Date: May 22, 1992

Hygeia Ref. No.: C1122920039

Microscopist: Sean McGee

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
G-19-02 61061C	n/a	No	40% cellulose 40% fibrous glass 20% perlite	
G-20-01 61062C	n/a	No	100% cellulose	
G-21-01 61063C	n/a	Yes	45% amosite 15% crocidolite 40% mineral filler	
G-22-01 61064C	n/a	Yes	3% chrysotile 45% amosite 5% crocidolite 47% mineral filler	X
G-23-01 61065C	tile	No	100% mineral filler	
G-23-01 61065C	mastic	No	50% cellulose 50% organic binders	
G-24-01 61066C	tile	Yes	5% chrysotile 95% mineral filler	
G-24-01 61066C	mastic	Yes	2% chrysotile 98% mineral filler	

Bulk Sample Analysis Summary

Page 10

Date: May 22, 1992

Hygeia Ref. No.: C1122920039

Microscopist: Sean McGee

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
G-25-01 61067C	tile	No	5% cellulose 95% mineral filler	
G-25-01 61067C	mastic	No	50% cellulose 10% synthetic 40% organic binders	
G-30-01 61068C	n/a	No	80% cellulose 20% organic binders	
G-14-02 61089C	n/a	Yes	50% chrysotile 10% cellulose 40% mineral filler	
G-14-03 61090C	n/a	Yes	50% chrysotile 10% cellulose 40% mineral filler	

Microscopist

Laboratory Supervisor:

CONCORD ANALYSIS, INC.

9960 Canoga Ave., Suite D8, Chatsworth, Ca 91311

Tel: (818) 407-0121

BULK SAMPLE ANALYTICAL RESULT

Cape Environmental Management, Inc.
20280 S. Vermont Ave., Suite 225
Torrance, Ca 90502

JOB SITE: Grant

RECEIVE DATE: 7-31-92

REPORT DATE : 8-06-92

FIELD # LAB #	LOCATION/ MATERIAL	TYPE & PERCENT OF ASBESTOS	OTHER MATERIAL IN SAMPLE FIBROUS(%) / NONFIBROUS	
G.03.08		CHRYSTILE Not-Det.	Cellulose	Calcite
L1820731		AMOSITE Not-Det.	Gypsum	Quartz
-87		OTHER: Not-Det.	Fiber	Glass
		TYPE:		Perlite
COLOR: Beige		TOTAL ABS.:Not-Det.	NONASB 40.0%	Biotite
G.03.09		CHRYSTILE Not-Det.	Cellulose	Calcite
L1820731		AMOSITE Not-Det.	Gypsum	Quartz
-88		OTHER: Not-Det.		Glass
		TYPE:		Biotite
COLOR: Beige		TOTAL ABS.:Not-Det.	NONASB 50.0%	Feldspar
G.03.10		CHRYSTILE Not-Det.	Cellulose	Calcite
L1820731		AMOSITE Not-Det.	Gypsum	Quartz
-89		OTHER: Not-Det.		Glass
		TYPE:		Biotite
COLOR: White		TOTAL ABS.:Not-Det.	NONASB 50.0%	Feldspar
G.03.11		CHRYSTILE 5.0%	Cellulose	Calcite
L1820731		AMOSITE Not-Det.	Gypsum	Glass
-90		OTHER: Not-Det.		Quartz
		TYPE:		Binder
COLOR: Beige		TOTAL ABS.: 5.0%	NONASB 40.0%	Accessory

Remark:

- (1) Analytical method: 40 CFR Part 763, subpart F, Appendix A.
"Interim Method for the Determination of Asbestos in Bulk Insulation Samples".
- (2) Test report pertains only to the sample and sampling data submitted by the client.
- (3) If no asbestos detected in Floor Tile by this method, suggest analyzing by TEM.
- (4) If sample is inhomogeneous, subsamples will be taken and analyse seperately


Authorized Signature

CONCORD ANALYSIS, INC.

9960 Canoga Ave., Suite D8, Chatsworth, Ca 91311

Tel: (818) 407-0128

BULK SAMPLE ANALYTICAL RESULT

Cape Environmental Management, Inc.
20280 S. Vermont Ave., Suite 225
Torrance, Ca 90502

JOB SITE: Grant

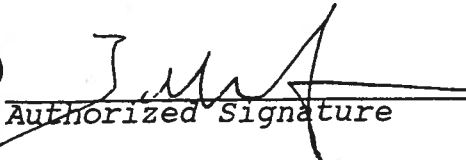
RECEIVE DATE: 7-31-92

REPORT DATE : 8-06-92

FIELD # LAB #	LOCATION/ MATERIAL	TYPE & PERCENT OF ASBESTOS	OTHER MATERIAL IN SAMPLE FIBROUS(%) / NONFIBROUS
G.03.12		CHRYBOTILE 5.0%	Cellulose Calcite
		AMOSITE Not-Det.	Gypsum Quartz
L1820731		OTHER: Not-Det.	Glass
-91		TYPE:	Biotite
COLOR: Beige		TOTAL ABS.: 5.0%	NONASB 50.0% Binder
G.03.13		CHRYBOTILE Not-Det.	Cellulose Calcite
		AMOSITE Not-Det.	Gypsum Quartz
L1820731		OTHER: Not-Det.	Glass
-92		TYPE:	Biotite
COLOR: Gray		TOTAL ABS.: Not-Det.	NONASB 50.0% Feldspar
G.03.14		CHRYBOTILE Not-Det.	Cellulose Calcite
		AMOSITE Not-Det.	Gypsum Quartz
L1820731		OTHER: Not-Det.	Fiber Perlite
-93		TYPE:	Binder
COLOR: Beige		TOTAL ABS.: Not-Det.	NONASB 50.0% Accessory
G.03.15		CHRYBOTILE Not-Det.	Cellulose Calcite
		AMOSITE Not-Det.	Gypsum Quartz
L1820731		OTHER: Not-Det.	Glass
-94		TYPE:	Biotite
COLOR: Beige		TOTAL ABS.: Not-Det.	NONASB 50.0% Binder

Remark:

- (1) Analytical method: 40 CFR Part 763, subpart F, Appendix A.
"Interim Method for the Determination of Asbestos in Bulk Insulation Samples".
- (2) Test report pertains only to the sample and sampling data submitted by the client.
- (3) If no asbestos detected in Floor Tile by this method, suggest analyzing by TEM.
- (4) If sample is inhomogeneous, subsamples will be taken and analyse seperately


Authorized Signature

CONCORD ANALYSIS, INC.

9960 Canoga Ave., Suite D8, Chatsworth, Ca 91311

Tel: (818) 407-012

BULK SAMPLE ANALYTICAL RESULT

Cape Environmental Management, Inc.
20280 S. Vermont Ave., Suite 225
Torrance, Ca 90502

JOB SITE: Grant

RECEIVE DATE: 7-31-92

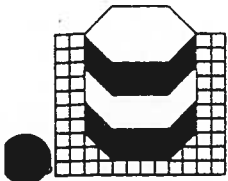
REPORT DATE : 8-06-92

FIELD # LAB #	LOCATION/ MATERIAL	TYPE & PERCENT OF ASBESTOS	OTHER MATERIAL IN SAMPLE FIBROUS(%) / NONFIBROUS	
G.03.16		CHRYSTILE Not-Det.	Cellulose	Calcite
L1820731		AMOSITE Not-Det.	Gypsum	Quartz
-95		OTHER: Not-Det.		Perlite
COLOR: Beige		TYPE:		Feldspar
		TOTAL ABS.: Not-Det.	NONASB 50.0%	Binder
G.03.17		CHRYSTILE Not-Det.	Cellulose	Calcite
L1820731		AMOSITE Not-Det.	Gypsum	Quartz
-96		OTHER: Not-Det.		Glass
COLOR: Beige		TYPE:		Biotite
		TOTAL ABS.: Not-Det.	NONASB 50.0%	Feldspar
G.03.18		CHRYSTILE 5.0%	Cellulose	Calcite
L1820731		AMOSITE Not-Det.	Gypsum	Quartz
-97		OTHER: Not-Det.		Glass
COLOR: Beige		TYPE:		Biotite
		TOTAL ABS.: 5.0%	NONASB 40.0%	Feldspar
G.03.19		CHRYSTILE Not-Det.	Cellulose	Calcite
L1820731		AMOSITE Not-Det.	Gypsum	Quartz
-98		OTHER: Not-Det.		Glass
COLOR: Gray		TYPE:		Biotite
		TOTAL ABS.: Not-Det.	NONASB 50.0%	Feldspar

Remark:

- (1) Analytical method: 40 CFR Part 763, subpart F, Appendix A.
"Interim Method for the Determination of Asbestos in Bulk Insulation Samples".
- (2) Test report pertains only to the sample and sampling data submitted by the client.
- (3) If no asbestos detected in Floor Tile by this method, suggest analyzing by TEM.
- (4) If sample is inhomogeneous, subsamples will be taken and analyse seperately


Authorized Signature



Hygeia Environmental Laboratories Inc.

RECEIVED AUG 13 1992
Atlanta
Boston
Los Angeles
New York
Utica

82 W. Sierra Madre Blvd.
Sierra Madre, California
91024-2434

818-355-4711
FAX: 818-355-4497

August 7, 1992

Mr. Mark Sabatino
Cape Environmental Mgt. Inc.
20280 S. Vermont Ave. Ste 225
Torrance, CA 90502

Subject: PLM Analysis of Bulk Samples - Normal
C1122920062
Grant 41017.30

Dear Mr. Sabatino:

This report, which includes the attached Summary, contains the results of the analyses of the 2 bulk samples collected by you and submitted to this laboratory on July 31, 1992. The analyses were performed in accordance with the EPA Interim Method 600/M4-82-020, December 1982. The phase abundances provided are visually estimated and expressed as percent area. These results should be considered to lie within statistical limits of variability inherent in the method employed. On a per sample basis, the accuracy and precision of the results depend on the type of sample and on its asbestos content.

Hygeia recommends transmission electron microscopy (TEM) analysis on bulk materials which contain a large amount of interfering materials (e.g., vinyl floor tile, mastics, roofing materials, joint compounds) when polarized light microscopy (PLM) analysis shows less than one percent or undetectable quantities of asbestos. These materials often contain milled asbestos with fiber lengths of one micrometer or less. Because these fibers are not detected by PLM, PLM analysis may yield a false negative result.

Hygeia Environmental Laboratories Inc. is accredited under the NIST/NVLAP program for asbestos in bulk materials by polarized light microscopy and the State of California for asbestos analysis.

Hygeia Environmental Laboratories Inc. and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analyses only. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. We will retain these samples for a period of three months unless otherwise specified. This report relates only to the samples submitted and analyzed.

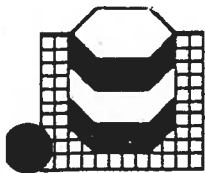
If you have any questions regarding your results, this report, or the analytical methods employed, please feel free to contact us at (818) 355-4711.

Sincerely,
Hygeia Environmental Laboratories Inc.

Daniel Gamez
Supervisor of Optical Microscopy

Attachments
klo

Gustavo A. Delgado, Ph.D.
VP/Director of Operations
Hygeia, Los Angeles Region



Hygeia Environmental Laboratories Inc.

82 W. Sierra Madre Blvd
Sierra Madre, California
91024-2434

818-355-4711
FAX: 818-355-4497

Atlanta
Boston
Los Angeles
New York

Bulk Sample Analysis Summary

August 7, 1992

Mr. Mark Sabatino
Cape Environmental Mgt. Inc.
20280 S. Vermont Ave. Ste 225
Torrance, CA 90502

Hygeia Ref. No.: C1122920062
Date Received: July 31, 1992
Date Analyzed: August 6, 1992
No. Samples: 2
Analytical Method: EPA 600/M4-82-020

Client Project: Grant 41017.30
Microscopist: Sean McGee

NIST / NVLAP Lab Code No. 1011-04
California Dept of Health Services
ELAP Certificate No. 1269

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
--------------------------------	--------------------	----------------------	--------------------	------

QC-G-03-12 n/a

Yes

2% chrysotile
98% mineral filler

78149C

QC-G-31-01 n/a

Yes

40% chrysotile
10% mineral filler
50% organic binders

78150C

X

Microscopist:

Sean McGee

Laboratory Supervisor:

Antonio Casas

CONCORD ANALYSIS, INC.

9960 Canoga Ave., Suite D8, Chatsworth, Ca 91311

Tel: (818) 407-012

BULK SAMPLE ANALYTICAL RESULT

Cape Environmental Management, Inc.
20280 S. Vermont Ave., Suite 225
Torrance, Ca 90502

JOB SITE: Grant

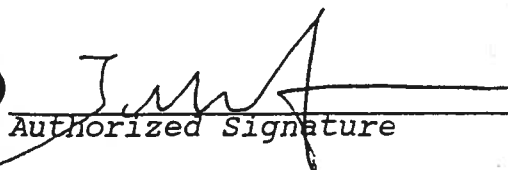
RECEIVE DATE: 7-31-92

REPORT DATE : 8-06-92

FIELD # LAB #	LOCATION/ MATERIAL	TYPE & PERCENT OF ASBESTOS	OTHER MATERIAL IN SAMPLE FIBROUS(%) / NONFIBROUS	
G.31.01		CHRYSTILE 15.0%	Cellulose	Calcite
L1820731		AMOSITE Not-Det.		Quartz
-99		OTHER: Not-Det.		Glass
		TYPE:		Binder
COLOR: Black		TOTAL ABS.: 15.0%	NONASB 2.0%	Accessory
G.31.02		CHRYSTILE 15.0%	Cellulose	Quartz
L1820731		AMOSITE Not-Det.		Calcite
-100		OTHER: Not-Det.		Glass
		TYPE:		Binder
COLOR: Black		TOTAL ABS.: 15.0%	NONASB 1.0%	
G.31.03		CHRYSTILE 15.0%	Cellulose	Calcite
L1820731		AMOSITE Not-Det.		Quartz
-101		OTHER: Not-Det.		Glass
		TYPE:		Binder
COLOR: Black		TOTAL ABS.: 15.0%	NONASB 1.0%	Accessory
G.32.01		CHRYSTILE Not-Det.	Cellulose	Calcite
L1820731		AMOSITE Not-Det.		Quartz
-102		OTHER: Not-Det.		Glass
		TYPE:		Binder
COLOR: Beige, Blue		TOTAL ABS.: Not-Det.	NONASB 2.0%	Accessory

Remark:

- (1) Analytical method: 40 CFR Part 763, subpart F, Appendix A. "Interim Method for the Determination of Asbestos in Bulk Insulation Samples".
- (2) Test report pertains only to the sample and sampling data submitted by the client.
- (3) If no asbestos detected in Floor Tile by this method, suggest analyzing by TEM.
- (4) If sample is inhomogeneous, subsamples will be taken and analyse seperately


Authorized Signature

CONCORD ANALYSIS, INC.

9960 Canoga Ave., Suite D8, Chatsworth, Ca 91311

Tel: (818) 407-012

BULK SAMPLE ANALYTICAL RESULT

Cape Environmental Management, Inc.
20280 S. Vermont Ave., Suite 225
Torrance, Ca 90502

JOB SITE: Grant

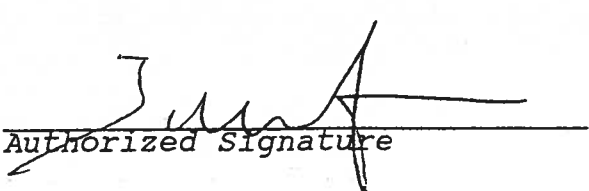
RECEIVE DATE: 7-31-92

REPORT DATE : 8-06-92

FIELD # LAB #	LOCATION/ MATERIAL	TYPE & PERCENT OF ASBESTOS	OTHER MATERIAL IN SAMPLE FIBROUS(%) / NONFIBROUS
G.32.02		CHRYBOTILE Not-Det.	Cellulose Calcite
		AMOSITE Not-Det.	Quartz
L1820731		OTHER: Not-Det.	Glass
-103		TYPE:	Binder
COLOR: Beige, Gray		TOTAL ABS.: Not-Det.	NONASB 1.0% Accessory
G.32.03		CHRYBOTILE Not-Det.	Cellulose Calcite
		AMOSITE Not-Det.	Quartz
L1820731		OTHER: Not-Det.	Glass
-104		TYPE:	Binder
COLOR: Beige		TOTAL ABS.: Not-Det.	NONASB 0.5% Accessory

Remark:

- (1) Analytical method: 40 CFR Part 763, subpart F, Appendix A. "Interim Method for the Determination of Asbestos in Bulk Insulation Samples".
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- (3) If no asbestos detected in Floor Tile by this method, suggest analyzing by TEM.
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Authorized Signature

CHAIN OF CUSTODY FORM

LABORATORY NAME <u>CONCORDE ANALYSIS</u>	
CEMI PROJECT MANAGER <u>MARK SABATINO</u>	
CEMI JOB NAME <u>GRANT</u>	CEMI JOB NUMBER <u>41017.30</u>
ANALYSIS REQUESTED ☒ PLM ☐ PCM ☐ OTHER: _____	
CHECK ONE: ☐ ROUTINE ☒ ROUTINE - FAX (Handwritten) AS SOON AS POSSIBLE ☐ RUSH - FAX (Handwritten) AS SOON AS POSSIBLE	

SAMPLE ID	SAMPLE ID
1. <u>G-03-08</u>	16. <u>G-32-01</u>
2. <u>09</u>	17. <u>02</u>
3. <u>10</u>	18. <u>03</u>
4. <u>11</u>	19.
5. <u>12</u>	20.
6. <u>13</u>	21.
7. <u>14</u>	22.
8. <u>15</u>	23.
9. <u>16</u>	24.
10. <u>17</u>	25.
11. <u>18</u>	26.
12. <u>19</u>	27.
13. <u>G-31-01</u>	28.
14. <u>02</u>	29.
15. <u>03</u>	30.

SPECIAL INSTRUCTIONS:			
Relinquished by: <u>T. Elliott</u>		Received by: <u>J. [Signature]</u>	
Date: <u>7/30/92</u>	Time: <u>10:00 a.m.</u>	Date: <u>7-31-92</u>	Time: _____
Relinquished by:		Received by:	
Date:	Time:	Date:	Time:
Relinquished by:		Received by:	
Date:	Time:	Date:	Time:
Relinquished by:		Received by:	
Date:	Time:	Date:	Time:

CONCORD ANALYSIS, INC.

9960 Canoga Ave., Suite D8, Chatsworth, Ca 91311

Tel: (818) 407-012

BULK SAMPLE ANALYTICAL RESULT RECEIVED AUG - 7 1992

Cape Environmental Management, Inc.
20280 S. Vermont Ave., Suite 225
Torrance, Ca 90502

JOB SITE: Grant

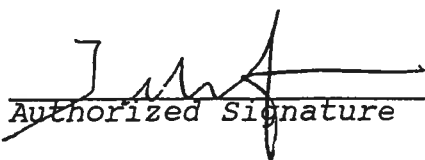
RECEIVE DATE: 8-05-92

REPORT DATE : 8-05-92

FIELD # LAB #	LOCATION/ MATERIAL	TYPE & PERCENT OF ASBESTOS	OTHER MATERIAL IN SAMPLE FIBROUS(%) / NONFIBROUS
G-05-08		CHRYSTOTILE 3.0%	Cellulose Calcite
L1820805		AMOSITE Not-Det.	Quartz
-01		OTHER: Not-Det.	Glass
COLOR: Gray		TYPE:	Feldspar
		TOTAL ABS.: 3.0%	NONASB 1.0% Binder
G-05-09		CHRYSTOTILE 2.0%	Cellulose Calcite
L1820805		AMOSITE Not-Det.	Quartz
-02		OTHER: Not-Det.	Glass
COLOR: White, Gray		TYPE:	Binder
		TOTAL ABS.: 2.0%	NONASB 3.0% Accessory
G-05-10		CHRYSTOTILE 2.0%	Cellulose Calcite
L1820805		AMOSITE Not-Det.	Glass
-03		OTHER: Not-Det.	Binder
COLOR: White, Gray		TYPE:	Accessory
		TOTAL ABS.: 2.0%	NONASB 3.0%
G-05-11		CHRYSTOTILE Not-Det.	Cellulose Calcite
L1820805		AMOSITE Not-Det.	Quartz
-04		OTHER: Not-Det.	Glass
COLOR: Gray		TYPE:	Biotite
		TOTAL ABS.: Not-Det.	NONASB 1.0% Binder

Remark:

- (1) Analytical method: 40 CFR Part 763, subpart F, Appendix A. "Interim Method for the Determination of Asbestos in Bulk Insulation Samples".
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- (4) If sample is inhomogeneous, subsamples will be taken and analyze separately


Authorized Signature

CONCORD ANALYSIS, INC.

9960 Canoga Ave., Suite D8, Chatsworth, Ca 91311

Tel: (818) 407-012

BULK SAMPLE ANALYTICAL RESULT

Cape Environmental Management, Inc.
20280 S. Vermont Ave., Suite 225
Torrance, Ca 90502

JOB SITE: Grant

RECEIVE DATE: 8-05-92

REPORT DATE : 8-05-92

FIELD # LAB #	LOCATION/ MATERIAL	TYPE & PERCENT OF ASBESTOS	OTHER MATERIAL IN SAMPLE FIBROUS (%) / NONFIBROUS
G-05-12		CHRYSTILE Not-Det.	Cellulose Calcite
		AMOSITE Not-Det.	Quartz
L1820805		OTHER: Not-Det.	Glass
-05		TYPE:	Biotite
COLOR: Gray, White		TOTAL ABS.: Not-Det.	NONASB 2.0% Feldspar

Remark:

- (1) Analytical method: 40 CFR Part 763, subpart F, Appendix A.
"Interim Method for the Determination of Asbestos in Bulk Insulation Samples".
- (2) Test report pertains only to the sample and sampling data submitted by the client.
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Authorized Signature

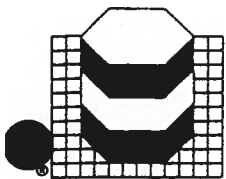
CHAIN OF CUSTODY FORM

LABORATORY NAME <u>CONCORDE</u>	
CEMI PROJECT MANAGER <u>M. SABATINO</u>	
CEMI JOB NAME <u>GRANT</u>	CEMI JOB NUMBER <u>41017.30</u>
ANALYSIS REQUESTED ☒ PLM ☐ PCM ☐ OTHER: _____	
CHECK ONE: ☐ ROUTINE ☒ ROUTINE - FAX (Handwritten) AS SOON AS POSSIBLE ☒ RUSH - FAX (Handwritten) AS SOON AS POSSIBLE <u>61820805</u>	

SAMPLE ID	SAMPLE ID
1. <u>6.05.08</u>	16.
2. <u>09</u>	17.
3. <u>10</u>	18.
4. <u>11</u>	19.
5. <u>12</u>	20.
6.	21.
7.	22.
8.	23.
9.	24.
10.	25.
11.	26.
12.	27.
13.	28.
14.	29.
15.	30.

SPECIAL INSTRUCTIONS:

Relinquished by: <u>T. Ellwood</u>		Received by: <u>[Signature]</u>	
Date: <u>8/4/92</u>	Time: <u>15:00</u>	Date: <u>8/5/92</u>	Time: <u>[Signature]</u>
Relinquished by:		Received by:	
Date:	Time:	Date:	Time:
Relinquished by:		Received by:	
Date:	Time:	Date:	Time:
Relinquished by:		Received by:	
Date:	Time:	Date:	Time:



Hygeia Environmental Laboratories Inc.

Atlanta
Boston
Los Angeles
New York
Utica

82 W. Sierra Madre Blvd.
Sierra Madre, California
91024-2434

818-355-4711
FAX: 818-355-4497

July 13, 1992

RECEIVED JUL 13 1992

Mr. Kurt Gates
Cape Environmental Mgt. Inc.
5777 W. Century Blvd. Ste. 260
Los Angeles, CA 90045-5669

Subject: PLM Analysis of Bulk Samples - RUSH
C1122920055
41017.30 Grant Elem. Bldg. J

Dear Mr. Gates:

This report, which includes the attached Summary, contains the results of the analyses of the 9 bulk samples collected by you and submitted to this laboratory on July 13, 1992. The analyses were performed in accordance with the EPA Interim Method 600/M4-82-020, December 1982. The phase abundances provided are visually estimated and expressed as percent area. These results should be considered to lie within statistical limits of variability inherent in the method employed. On a per sample basis, the accuracy and precision of the results depend on the type of sample and on its asbestos content.

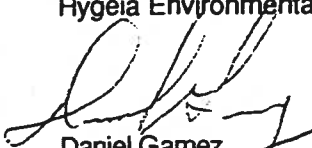
Hygeia recommends transmission electron microscopy (TEM) analysis on bulk materials which contain a large amount of interfering materials (e.g., vinyl floor tile, mastics, roofing materials, joint compounds) when polarized light microscopy (PLM) analysis shows less than one percent or undetectable quantities of asbestos. These materials often contain milled asbestos with fiber lengths of one micrometer or less. Because these fibers are not detected by PLM, PLM analysis may yield a false negative result.

Hygeia Environmental Laboratories Inc. is accredited under the NIST/NVLAP program for asbestos in bulk materials by polarized light microscopy and the State of California for asbestos analysis.

Hygeia Environmental Laboratories Inc. and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analyses only. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. We will retain these samples for a period of three months unless otherwise specified. This report relates only to the samples submitted and analyzed.

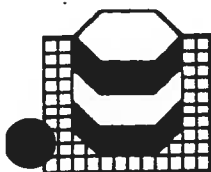
If you have any questions regarding your results, this report, or the analytical methods employed, please feel free to contact us at (818) 355-4711.

Sincerely,
Hygeia Environmental Laboratories Inc.


Daniel Gamez
Supervisor of Optical Microscopy

Attachments
PMR


Gustavo A. Delgado, Ph.D.
VP/Director of Operations
Hygeia, Los Angeles Region



82 W. Sierra Madre Blvd
Sierra Madre, California
91024-2434

818-355-4711
FAX: 818-355-4497

Hygeia Environmental Laboratories Inc.

Atlanta
Boston
Los Angeles
New York

Bulk Sample Analysis Summary

July 13, 1992

Mr. Kurt Gates
Cape Environmental Mgt. Inc.
5777 W. Century Blvd. Ste. 260
Los Angeles, CA 90045-5669

Hygeia Ref. No.: C1122920055
Date Received: July 13, 1992
Date Analyzed: July 13, 1992
No. Samples: 9
Analytical Method: EPA 600/M4-82-020

Client Project: 41017.30 Grant Elem. Bldg. J
Microscopist: Sean McGee

NIST / NVLAP Lab Code No. 1011-04
California Dept of Health Services
ELAP Certificate No. 1269

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
G-1-01 73959C	rolled roofing (grey)	No	40% cellulose 30% mineral filler 30% organic binders	
G-1-02 73960C	rolled roofing (grey)	No	40% cellulose 30% mineral filler 30% organic binders	
G-1-03 73961C	rolled roofing (grey)	No	40% cellulose 30% mineral filler 30% organic binders	
G-2-01 73962C	asphalt shingles (red)	No	40% cellulose 30% mineral filler 30% organic binders	
G-2-02 73963C	asphalt shingles (red)	No	70% cellulose 30% organic binders	
G-2-03 73964C	asphalt shingles (red)	No	40% cellulose 30% mineral filler 30% organic binders	

Bulk Sample Analysis Summary

Page 2

Date: July 13, 1992

Hygeia Ref. No.: C1122920055

Microscopist: Sean McGee

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
--------------------------------	--------------------	----------------------	--------------------	------

G-3-01 rolled roofing (red)

No

40% cellulose
30% mineral filler
30% organic binders

73965C

G-3-02 rolled roofing (red)

No

40% cellulose
30% mineral filler
30% organic binders

73966C

X

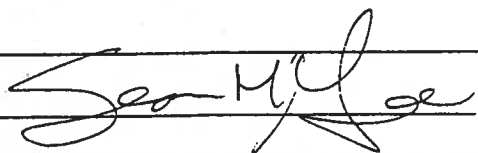
G-3-03 rolled roofing (red)

No

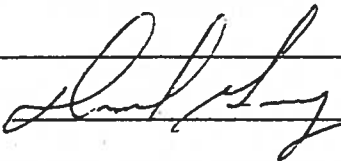
40% cellulose
30% mineral filler
30% organic binders

73967C

Microscopist:



Laboratory Supervisor:



QUALITY CONTROL LABORATORY

CONCORD ANALYSIS, INC.

9960 Canoga Ave., Suite D8, Chatsworth, Ca 91311

Tel: (818) 407-0128

BULK SAMPLE ANALYTICAL RESULT

Environmental Management, Inc.
5777 West Century Blvd., Suite 206
Los Angeles, CA 90045

JOB SITE: Grant Elem. #41017.30

RECEIVE DATE: 5-11-92

REPORT DATE : 5-15-92

FIELD # LAB #	LOCATION/ MATERIAL	TYPE & PERCENT OF ASBESTOS		OTHER MATERIAL IN SAMPLE FIBROUS(%) / NONFIBROUS	
QC-G-25-01		CHRYBOTILE	2.0%	Cellulose	Calcite
L1820511		AMOSITE	Not-Det.		Quartz
-28		OTHER:	Not-Det.		Glass
COLOR: Black, Red		TYPE:			Binder
		TOTAL ABS.:	2.0%	NONASB 10.0%	Accessory
QC-G-09-01		CHRYBOTILE	70.0%	Cellulose	Glass
L1820511		AMOSITE	Not-Det.		Lizardite
-29		OTHER:	Not-Det.		Binder
COLOR: Gray		TYPE:			Accessory
		TOTAL ABS.:	70.0%	NONASB 2.0%	
QC-G-10-01		CHRYBOTILE	5.0%	Cellulose	Calcite
L1820511	Floor Tile	AMOSITE	Not-Det.		Quartz
-30		OTHER:	Not-Det.		Glass
COLOR: Beige		TYPE:			Lizardite
		TOTAL ABS.:	5.0%	NONASB 1.0%	Binder
QC-G-10-01		CHRYBOTILE	4.0%	Cellulose	Calcite
L1820511	Mastic	AMOSITE	Not-Det.		Quartz
-30A		OTHER:	Not-Det.		Glass
COLOR: Black		TYPE:			Binder
		TOTAL ABS.:	4.0%	NONASB 1.0%	Accessory

Remark:

- (1) Analytical method: 40 CFR Part 763, subpart F, Appendix A. "Interim Method for the Determination of Asbestos in Bulk Insulation Samples".
- (2) Test report pertains only to the sample and sampling data submitted by the client.
- (3) If no asbestos detected in Floor Tile by this method, suggest analyzing by TEM.
- (4) NVLAP Lab ID: 1884


Authorized Signature

CONCORD ANALYSIS, INC.

9960 Canoga Ave., Suite D8, Chatsworth, Ca 91311

Tel: (818) 407-0128

BULK SAMPLE ANALYTICAL RESULT

Environmental Management, Inc.
5777 West Century Blvd., Suite 206
Los Angeles, CA 90045

JOB SITE: Grant Elem. #41017.30

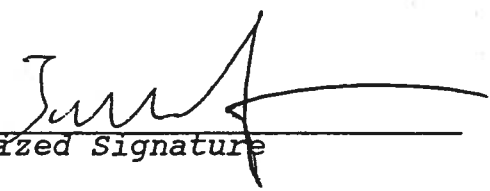
RECEIVE DATE: 5-11-92

REPORT DATE : 5-15-92

FIELD # LAB #	LOCATION/ MATERIAL	TYPE & PERCENT OF ASBESTOS		OTHER MATERIAL IN SAMPLE FIBROUS(%) / NONFIBROUS	
QC-G-05-06		CHRYSTILE	2.0%	Cellulose	Quartz
L1820511		AMOSITE	Not-Det.		Glass
-31		OTHER:	Not-Det.		Biotite
COLOR: Gray		TYPE:			Binder
		TOTAL ABS.:	2.0%	NONASB	1.0% Accessory
QC-G-21-01		CHRYSTILE	Not-Det.	Cellulose	Accessory
L1820511		AMOSITE	15.0%		
-32		OTHER:	7.0%		
COLOR: White		TYPE: Crocidolite			
		TOTAL ABS.:	22.0%	NONASB	3.0%
QC-G-14-03		CHRYSTILE	50.0%	Cellulose	Glass
L1820511		AMOSITE	Not-Det.	Glass	Lizardite
-33		OTHER:	Not-Det.		Binder
COLOR: Gray		TYPE:			Accessory
		TOTAL ABS.:	50.0%	NONASB	40.0%

Remark:

- (1) Analytical method: 40 CFR Part 763, subpart F, Appendix A.
"Interim Method for the Determination of Asbestos in Bulk Insulation Samples".
- (2) Test report pertains only to the sample and sampling data submitted by the client.
- (3) If no asbestos detected in Floor Tile by this method, suggest analyzing by TEM.
- (4) NVLAP Lab ID: 1884


Authorized Signature

CHAIN OF CUSTODY FORM

LABORATORY NAME <u>CONCORD ANALYSIS, INC</u>	
CEMI PROJECT MANAGER <u>KURT GATES</u>	
CEMI JOB NAME <u>GRANT ELEM.</u>	CEMI JOB NUMBER <u>41017. 22 30</u>
ANALYSIS REQUESTED ☒ PLM ☐ PCM ☐ OTHER: _____	
CHECK ONE: ☐ ROUTINE ☒ ROUTINE - FAX (Handwritten) AS SOON AS POSSIBLE ☐ RUSH - FAX (Handwritten) AS SOON AS POSSIBLE	

SAMPLE ID	SAMPLE ID
1. <u>QC-6-25-01</u>	16.
2. <u>QC-6-09-01</u>	17.
3. <u>QC-6-10-01</u>	18.
4. <u>QC-6-05-06</u>	19.
5. <u>QC-6-21-01</u>	20.
6. <u>QC-6-14-03</u>	21.
7.	22.
8.	23.
9.	24.
10.	25.
11.	26.
12.	27.
13.	28.
14.	29.
15.	30.

SPECIAL INSTRUCTIONS: ANALYZE TILE & MASTIC SEPERATELY

Relinquished by: <u>MJ Gates</u>		Received by: <u>J. Gates</u>	
Date: <u>5-8-92</u>	Time: <u>1045</u>	Date: <u>5-11-92</u>	Time: _____
Relinquished by: _____		Received by: _____	
Date: _____	Time: _____	Date: _____	Time: _____
Relinquished by: _____		Received by: _____	
Date: _____	Time: _____	Date: _____	Time: _____
Relinquished by: _____		Received by: _____	
Date: _____	Time: _____	Date: _____	Time: _____

APPENDIX D

APPENDIX E

INSERT DOCUMENTATION FROM SUBSEQUENT ASBESTOS ABATEMENT PROJECTS

Appendix C

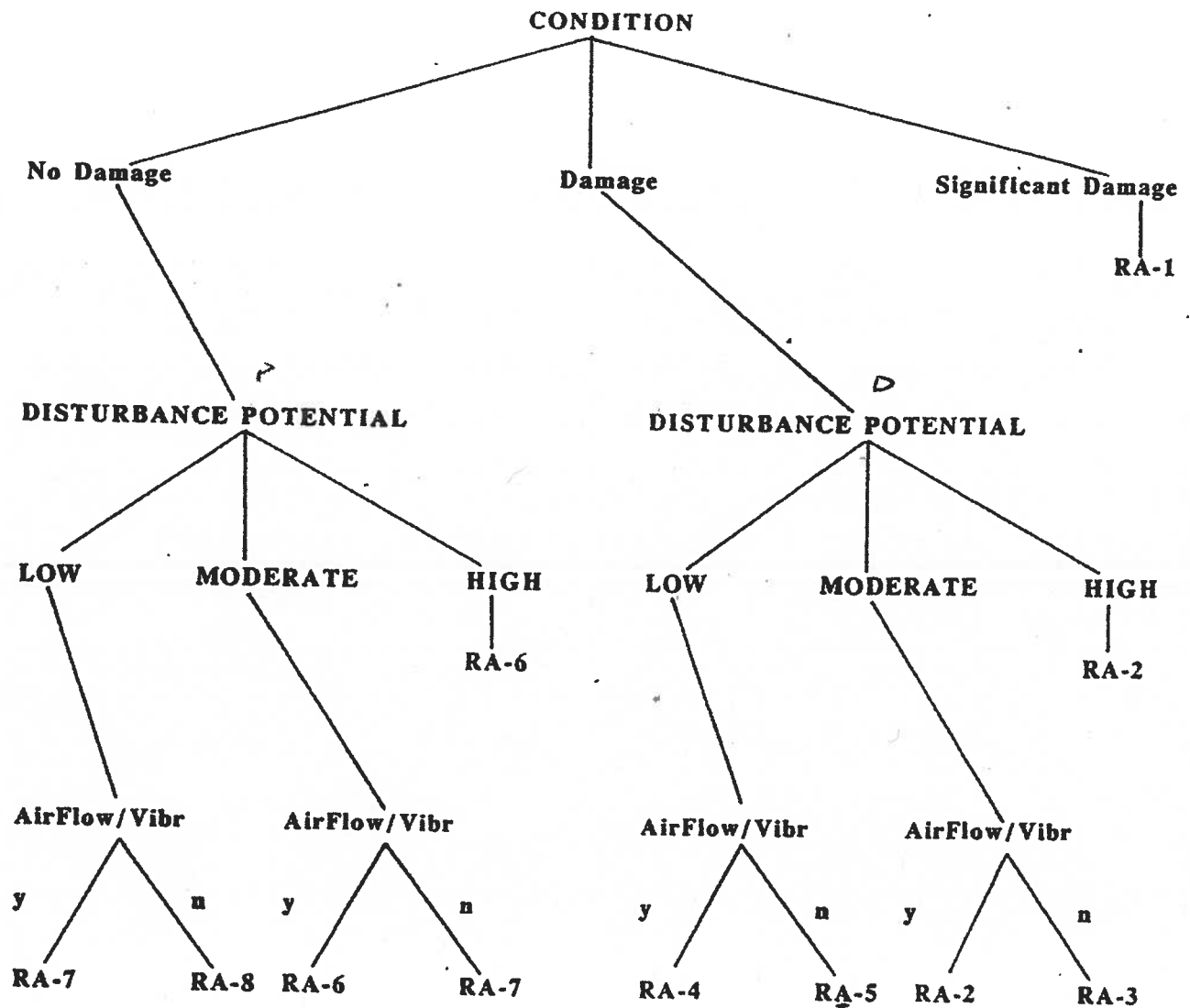
Response Action Ratings

**FIGURE 4 - RESPONSE ACTION HIERARCHY
THERMAL SYSTEM INSULATION (TSI- ACM)**

Response Action Priorities

- 1) Isolate area and restrict access. Immediate removal is mandatory; contact an Accredited Project Designer (APD).
- 2) Isolate area and restrict access. Repair or Remove Immediately; contact an APD. If ACBM remains following response action, followup with O&M; restrict access to reduce disturbance potential.
- 3) Continue O&M. Limit access to reduce disturbance potential. Schedule repair or removal on a priority basis; contact an APD. If ACBM remains following response action, followup with O&M; limit access to reduce disturbance potential.
- 4) Continue O&M. Limit access to reduce disturbance potential. Schedule repair or removal when practical and cost effective; contact an APD.
- 5) Continue O&M. Schedule repair or removal when practical and cost effective; contact an APD.
- 6) Same as 5 (lower priority basis).
- 7) Continue O&M. Reduce disturbance potential where practical. Remove when practical and cost effective; contact an APD.
- 8) Continue O&M until major renovation/demolition requires removal under NESHAPs or until hazard potential changes. Remove when practical and cost effective; contact an APD.

FIGURE 1 - DECISION TREE
THERMAL SYSTEM INSULATION
ASBESTOS CONTAINING BUILDING MATERIALS
(TSI-ACMs)

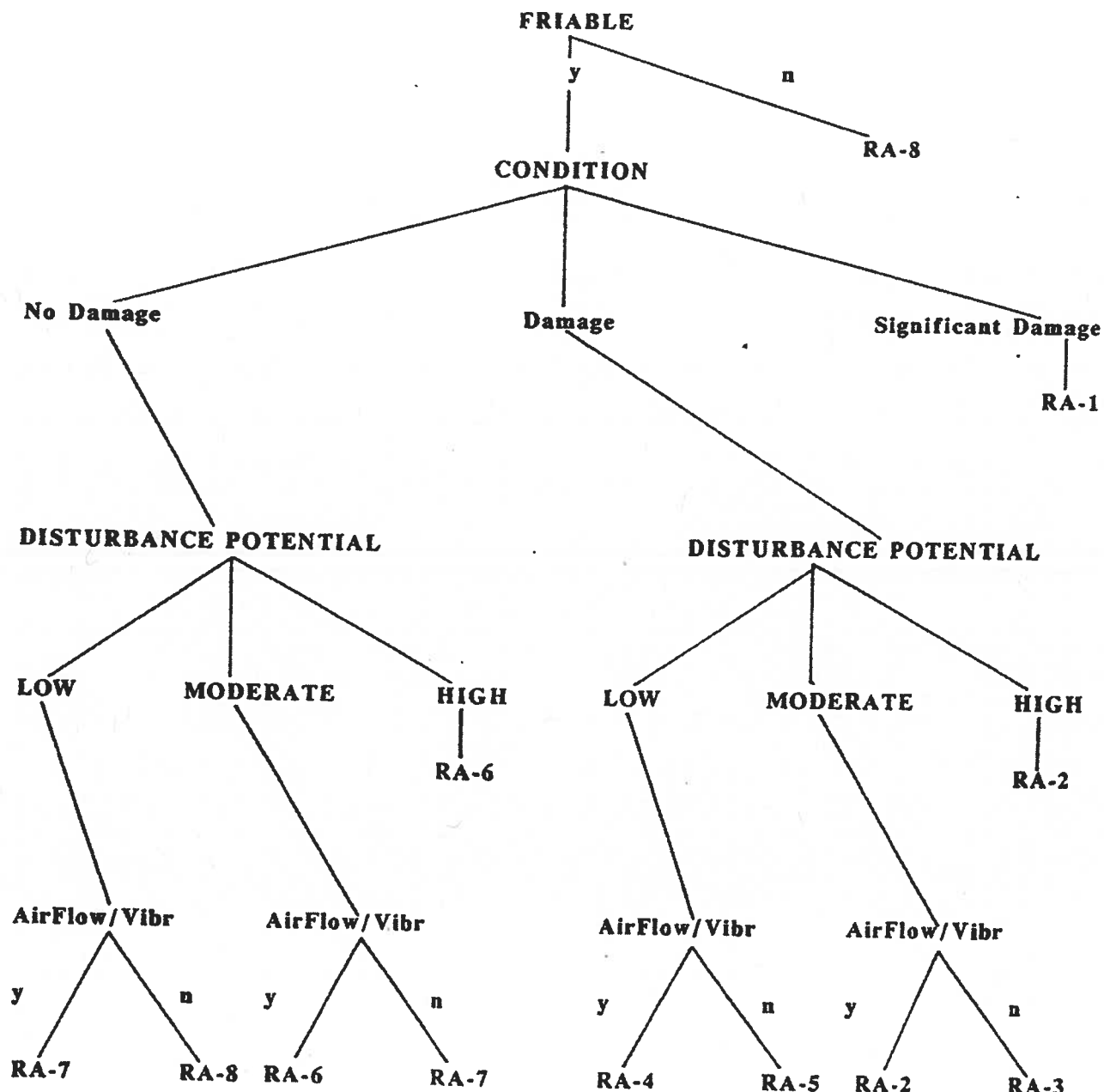


**FIGURE 5 - RESPONSE ACTION HIERARCHY
SURFACING MATERIALS (SURFACING - ACBMs)**

Response Action Priorities

- 1) Isolate area and restrict access. Immediate removal is mandatory; contact an Accredited Project Designer (APD).
- 2) Isolate area and restrict access. Repair or Remove Immediately; contact an APD. If ACBM remains following response action, followup with O&M; restrict access to reduce disturbance potential.
- 3) Continue O&M. Limit access to reduce disturbance potential. Schedule repair or remove on a priority basis; contact an APD. If ACBM remains following response action, followup with O&M; limit access to reduce disturbance potential.
- 4) Continue O&M. Limit access to reduce disturbance potential. Schedule repair or remove when practical and cost effective; contact an APD.
- 5) Continue O&M. Schedule repair or remove when practical and cost effective; contact an APD.
- 6) Same as 5 (lower priority basis).
- 7) Continue O&M. Reduce disturbance potential where practical. Remove when practical and cost effective; contact an APD.
- 8) Continue O&M until major renovation/demolition requires removal under NESHAPs or until hazard potential changes. Remove when practical and cost effective; contact an APD.

FIGURE 2 - DECISION TREE
SURFACING MATERIAL
ASBESTOS CONTAINING BUILDING MATERIALS
(SURFACING-ACBMs)



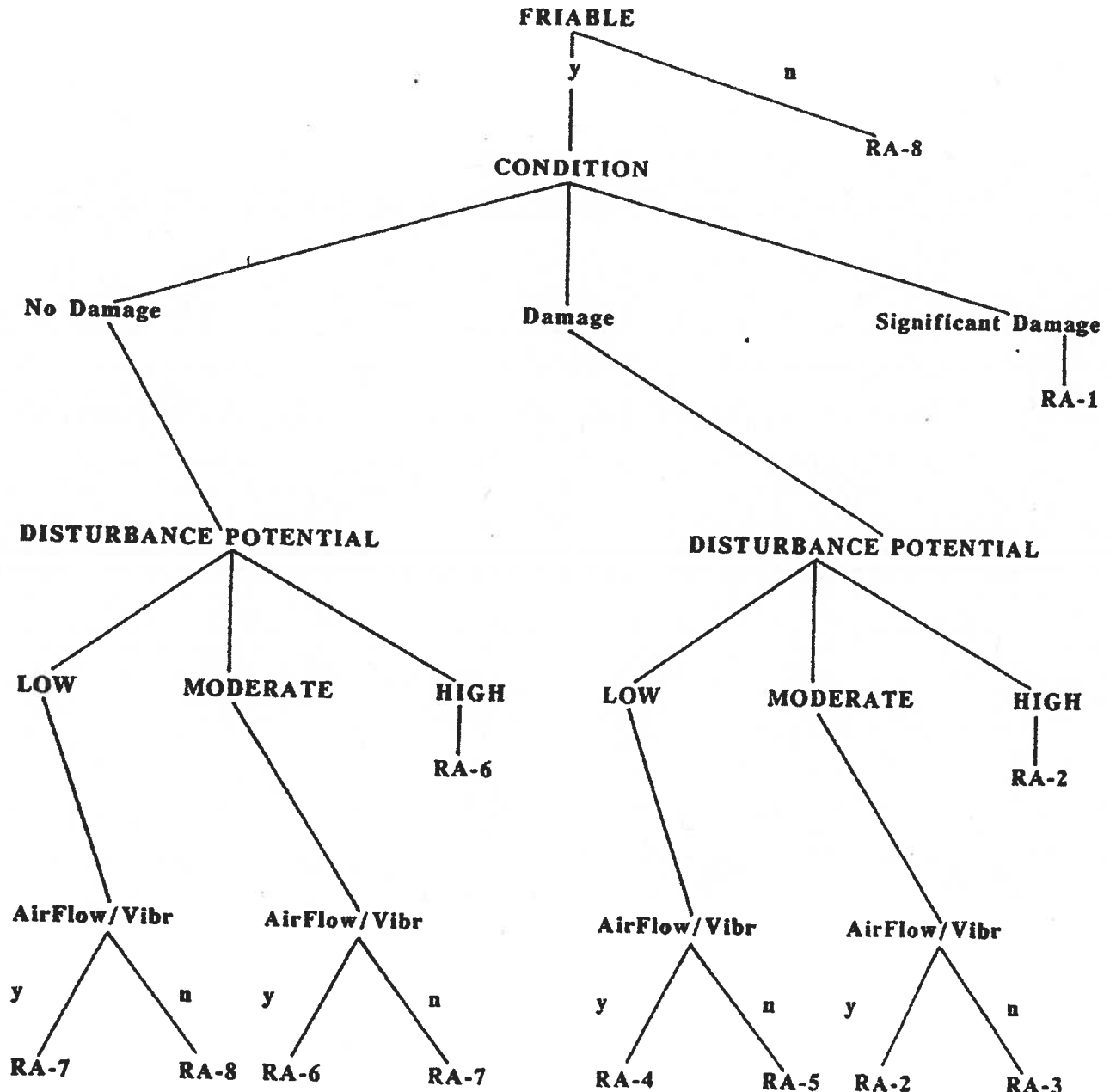
**FIGURE 6 - RESPONSE ACTION HIERARCHY
MISCELLANEOUS MATERIALS (MISC.- ACBMs)**

Response Action Priorities

- 1) Isolate area and restrict access. Immediate removal is mandatory; contact an Accredited Project Designer (APD).
- 2) Isolate area and restrict access. Repair, Encapsulate, or Remove Immediately; contact an APD. If ACBM remains following response action, followup with O&M; restrict access to reduce disturbance potential.
- 3) Continue O&M. Limit access to reduce disturbance potential. Schedule repair, encapsulate, or remove on a priority basis; contact an APD. If ACBM remains following response action, followup with O&M; limit access to reduce disturbance potential.
- 4) Continue O&M. Limit access to reduce disturbance potential. Schedule repair, encapsulate, or remove when practical and cost effective; contact an APD.
- 5) Continue O&M. Schedule repair, encapsulate, or remove when practical and cost effective; contact an APD.
- 6) Same as 5 (lower priority basis).
- 7) Continue O&M. Reduce disturbance potential where practical. Remove when practical and cost effective; contact an APD.
- 8) Continue O&M until major renovation/demolition requires removal under NESHAPs or until hazard potential changes. Remove when practical and cost effective; contact an APD.

FIGURE 3 - DECISION TREE

MISCELLANEOUS MATERIAL
ASBESTOS CONTAINING BUILDING MATERIALS
(MISC.-ACBMs)



State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Cesar Ruvalcaba



Name

Certification No. 95-1799

Expires on 10/27/10

This certification was issued by the Division of
Occupational Safety and Health as authorized by
Sections 7160 et seq. of the Business and
Professions Code.

Appendix D

Field Sheets

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMMUSD

110-0006

Grant Elementary School

Page 1 of 16

Bigg A

Material Class (1)	Material	Material Location	Current Assessment (2)	Flable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	4" gray concrete & glue	Rooms 2-5	ND	N	330 linear ft.	Neg.	N/A
M	12" Lt. blue Marbled Pattern Fl. tile				1600 sq ft		
M	Carpet glue				21000 sq ft		
M	2x4 Fissured ceiling Panel	Rm 5, work rm	ND	Y	200 sq ft		
M	Heater Units / gaskets	Rm 2-5	ND	N	4 each	Assumed-2	8
	Chalkboard		ND	N	8 each		8
	Roof Rolled on core	Roof	ND	N	4600 sq ft		8
	Roof Mastic	Roof Penetrations	ND	N	20 sq ft		8
S	Drywall Jt. Compound	Resinroom (all) custodial rm, heater closets, Rm 3 work rm	ND	N	2500 sq ft	Neg.	N/A

(1) S - surfacing, TSI - thermal system insulation, M - miscellaneous

(2) ND - not damaged, D - damaged, SD - significantly damaged

(3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing; ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client: SMMUSD Page 2 of 16
 Project No: 110-006
 Project Name: Grant Elementary School

Blag R

Material Class (1)	Material	Material Location	Current Assessment (2)	Frangible (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	HVAC Joint Compound	RM 5 Thermal system insulation 300 sq ft	ND	N	10 sq ft	neg.	N/A
M	12" Straight Peg hole Ceiling tile	RM 5, Rms 2-5 walls & ceiling cracked and crumbling		Y	3000 sq ft		
M	Window Putty	Exterior windows		N	3000 sq ft		
S	Stucco	Exterior walls		N	21500 sq ft		
M	9" tan Fl. tile & mastic	Material not observed as stated on 1993 survey					
TSI	Steam System Pipe insulation getting						
M	12" blue Fl. tile & adhesive	RM 5	ND	N	200 sq ft	Assumed -1	P
M	12" black Fl. tile & adhesive	RM 5	ND	N	30 sq ft		P

(1) S - surfacing, TSI - thermal system insulation, M - miscellaneous

(2) ND - not damaged, D - damaged, SD - significantly damaged

(3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing; ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMMUSD

110-006

Grant Elementary School

Page 3 of 16

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	12" Straight Peg hole ceiling tile	Rm 26-29 glove	ND	Y	4800 sq. ft.	neg.	N/A
I	4" gray conc- base & glue	Rm 26-29, storage rooms, common closets	I	N	525 lb.	I	I
	12" lt. blue speckled fl. tile	Rm 26-29 Entrances			400 sq. ft.		
	12" lt. blue marbled Pattern fl. tile	Rm 26-29, closets, hallway storage area			1200 sq. ft.		
M	Drywall	Rm 27 restrooms & whims, Rm 26 restrooms & storage rms	I	I	1600 sq. ft.	I	I
S	Drywall joint compound	I		N	1600 sq. ft.		
M	HVAC joint compound	Heater Rm's		I	30 sq. ft.		
I	carpet glue	Rm 26-29	I	I	3400 sq. ft.	I	I
	Gray Rolled on Roof conc	Roof		I	61000 sq. ft.	Assumed - 2	I

(1) S - surfacing, TSI - thermal system insulation, M - miscellaneous

(2) ND - not damaged, D - damaged, SD - significantly damaged

(3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing; ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SUNUSD

110-0006

Grant Elementary School

Page 4 of 16

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	Roof Mastic	Roof Penetrations	ND	N	40 sq. ft	Assumed - 2	8
	Chalkboard	Rms 26-29		N	10 ea.		8
	Heater Units / gaskets	Heater Rms		N	4 each		8
S	Rough Plaster ceiling	Rms 26-29, 29B		N	5200 sq. ft	POS	8
M	12" straight Peg hole ceiling tile	Rm 26-29, 1		Y	4800 sq. ft	NEG.	N/A
				Y			
	Window Putty	Rm 26 & work rm 26A		N	200 sq. ft		
S	Stucco	Exterior walls	ND POS (C)	N	3600 sq. ft	POS	8
S	Smooth Plaster ceiling	Material not observed as stated on previous survey					

(1) S - surfacing, TSI - thermal system insulation, M - miscellaneous

(2) ND - not damaged, D - damaged, SD - significantly damaged

(3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing

ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMMUSD

110-0006

Santa Elementary School

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Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/ Response Action (4)
S	Smooth Plaster walls	Material not observed as stated on previous survey					
M	9" beige F. tile & mastic						
M	Sink undercoat						
S	Rough Plaster walls	Rms 26-29 & 24B	ND	N	4900 sq. ft	neg.	R/H

(1) S – surfacing, TSI – thermal system insulation, M – miscellaneous

(2) ND – not damaged, D – damaged, SD – significantly damaged

(3) POS – previously identified as positive, NEG – previously identified as negative, ASSUMED – 1 = new material, not sampled, assumed asbestos-containing; ASSUMED – 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1–8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMTUSD

110-0006

GRANT Elementary School

Page 6 of 16

Building C & C South

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	12" Straight Peg nite ceiling tile	Rm 31-40, Rm 31	ND	Y	6300 59 sq ft	NEG.	N/A
	Window Putty	East, west bldgs ext windows, C Bldg end		N	400 Ln. ft		
	4" gray concrete glue	Rm 41, custodian rm 36 Rm 35, custodian rm 32, Rm 31, 37-40		N	700 Ln. ft		
	12" Lt. blue SPECK- led Fl. tile	Rm 35, rms 30, 31, 37-40 at entrances		N	800 sq. ft		
	12" Lt. blue mottled Pattern Fl. tile	Rm 41, custodian rm 36 custodian rm 32, rm 30, 31, 37-40		N	1600 sq. ft		
	Carpet glue	Rms 31 & 37-40		N	4000 sq. ft		
S	Drywall Jt. Compound	bldg east, west all restrooms, rm 41, rm 35 & rm 30		N	3500 sq. ft		
M	Drywall	Rms 37-40 n cover closets / mech. rms		N	1200 sq. ft		
S	Drywall Jt. Compound			N	1200 sq. ft		

(1) S - surfacing, TSI - thermal system insulation, M - miscellaneous

(2) ND - not damaged, D - damaged, SD - significantly damaged

(3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing; ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMIMUSD

110-0006

Grant Elementary School

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Material Class (1)	Material	Material Location	Current Assessment (2)	Frangible (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
S	Drywall Joint compound	Rms 37-40 heater closets Mechanical Rms	ND	N	1300 sq. ft	NEG. 3739, 3741-3745	N/A
M	Heater Units / gaskets	Rms 30-31 & 37-40	⌋	N	6 units	Assumed -2	⌋
M	Chalkboard	Rms 30, 31 & 37-40	⌋	N	12 chalkboards	⌋	⌋
S	Smooth Plaster ceiling	Rm 41, restrooms 36A & 36B	ND	N	650 sq. ft	NEG	N/A
S	Smooth Plaster wall	⌋	ND	N	1250 sq. ft	⌋	⌋
S	Rough Plaster ceiling	Custodian rm 32 & 36 Rms 31, 37-40 including closets	ND	N	6800 sq. ft	POS.	⌋
S	Stucco	Ext. walls	ND	N	3300 sq. ft	POS 60301-60303	⌋
M	9" Fl. tile & mastic	Materials not observed as stated on previous survey	⌋	⌋			
M	Brown-red linoleum & mastic	⌋	⌋	⌋			

(1) S – surfacing, TSI – thermal system insulation, M – miscellaneous

(2) ND – not damaged, D – damaged, SD – significantly damaged

(3) POS – previously identified as positive, NEG – previously identified as negative, ASSUMED – 1 = new material, not sampled, assumed asbestos-containing; ASSUMED – 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:
Project No:
Project Name:

SMMUSD

110-0006

GROVY ES

Page 8 of 16

BIDG D & E, 2nd Fl.

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	12" Straight peg hole ceiling tile & mosaic	Wk rm 23, main office, Principals office, assistants offices; office 21, main office	ND	N	4600 Sq. ft	neg	N/A
	12" Lt. blue marbled Pattern Fl. tile		ND		2700 Sq. ft		
	4" grey concrete & glue	Wk room offices, Principals office, assistants office, Rm 24, 25 including closets	ND		630 linear ft		
	Window Putty	Ext. windows	ND		200 linear ft	POS < 190	
	carpet glue w/ Residual mastic	Rms 24 & 25	ND		2100 Sq. ft	POS < 190	
S	Drywall Jt. compound	Rm 24 RRS, nurses rm, Men & women's RR		N	1800 Sq. ft	neg	N/A
M	4" black concrete & glue	work rm 23			70 linear ft		
	12" Straight peg hole wall tile & glue	2nd Floor work room & lounge rm walls & ceilings			1400 Sq. ft		
	Brown, white & black Fl. tile	Hall			200 Sq. ft		

- (1) S – surfacing, TSI – thermal system insulation, M – miscellaneous
 (2) ND – not damaged, D – damaged, SD – significantly damaged
 (3) POS – previously identified as positive, NEG – previously identified as negative, ASSUMED – 1 = new material, not sampled, assumed asbestos-containing; ASSUMED – 2 = not enough samples collected, material is assumed asbestos-containing
 (4) For response actions 1–8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMMUSD

110-0006

Grant E.S.

Page 9 of 16

Material Class (1)	Material	Material Location	Current Assessment (2)	Frangible (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	4" beige couchbase & glue	Hall	ND	Y	40 lb. ft	neg.	W/K
M	Stucco Barrier Paper	Behind Stucco (Ext. walls)	ND	Y	3500 sq. ft	neg.	
M	Drywall	Rm 241 & 251 Mech. Rms	ND	Y	650 sq. ft	neg.	
S	Drywall Joint compound		ND	Y			
M	HVAC Joint compound		ND	Y	8 sq. ft	neg.	
M	Heater Units	Rm 24 & 25	ND	Y	3 ea.	assumed -2	
M	Chalkboard		ND	Y	4 ea.		
M	2x4 Pissumed ceiling panel	Teachers lounge rm and Fl. (bldg E)	ND	Y	400 sq. ft	neg.	W/K

(1) S - surfacing, TSI - thermal system insulation, M - miscellaneous

(2) ND - not damaged, D - damaged, SD - significantly damaged

(3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing; ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMMUSD

110-0006

Circuit ES

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Bldg E

Material Class (1)	Material	Material Location	Current Assessment (2)	Friction (Y/N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	12" lt blue mounted Pattern Fl. tile #10	S/E entry way (Stage rm)	ND	N	40 sq. ft.	neg.	P/A
M	4" gray concrete & glue	L	ND	N	60 in. ft.	neg.	L
M	Vibration Reducer	Meen rm 1 & 2 in basement	D D	Y	1 each.	POS.	P
M	Fire door	B0 L	ND	N	2 ea.	Assumed - 2	P
TSI TSI	Duct Insulation Aircell	Attic	ND	Y	1300 sq. ft.	POS.	P
M	9" brown Fl. tile	Auditorium (under 1" thick vinyl flooring)	ND	N	2100 sq. ft.	POS	P
NOTE:	Attic space is	contaminated w/ Aircell					
Building F							
M	carpet glue	Library Rm 519/513 & hall	ND	N	2200 sq. ft.	neg.	N/A

(1) S - surfacing, TSI - thermal system insulation, M - miscellaneous

(2) ND - not damaged, D - damaged, SD - significantly damaged

(3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing

ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMMUSD

110 - 0006

Green ES

Page 11 of 16

Material Class (1)	Material	Material Location	Current Assessment (2)	Frangible (Yes/No)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	4" Purple concrete & glue	Library rm 51A, 51B & wall	ND	2	375 Ln. ft	neg.	N/A
M	12" fissured white ceiling tile & mastic	Library rm 51B, walls & ceiling	ND	2	2000 sq. ft	Assumed -2	2
	Bldg G1						
M	Heater units	Mech rms 48, 46A	ND	2	2 cu.	Assumed -2	2
M	Chalkboards	Rms 47, 46 & 50	ND	2	3 cu.	2	2
M	concrete glue	Rms 50, 46, 47 & 49	ND	2	2100 sq. ft	neg.	N/A
M	12" light blue textured fl. tile	rm 46, 47 & entranceways work rm 46A ^{EO} entranceways	ND	2	400 sq. ft	neg.	
M	4" black concrete & glue	Rm 50	ND	2	120 Ln. ft	neg.	
M	12" lt. blue speckled fl. tile	Rm 46, 47 & entranceways rm 49, 46A & entranceways	ND	2	400 sq. ft	neg.	

(1) S - surfacing, TSI - thermal system insulation, M - miscellaneous
 (2) ND - not damaged, D - damaged, SD - significantly damaged
 (3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing;
 ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing
 (4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMMUSD

110-0006

Grant ES

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Material Class (1)	Material	Material Location	Current Assessment (2)	Frailty (Year) (3)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	4" gray concrete & glue	Rm 46, 46A, 47, 49	ND	2	300 cu. ft	neg.	N/A
M	12" Straight neg note ceiling tile	Rm 50, rm 46, 46A, 47 (50 is nailed on)	ND	2	2700 sq. ft	neg.	
M	HVAC Duct Joint Compound	Mech rm, 48, 46A	ND	2	10 sq. ft	neg.	
M	9" cream fl. tile & mastic	Rm 49 (under carpet)	ND	2	300 sq. ft	POS	
TSI	Duct insulation	Attic above rm 46A	ND	2	20 sq. ft	POS	
Building H							
M	12" gray speckled fl. tile	Rm 59, 60, 62	ND	2	3100 sq. ft	neg.	N/A
M	4" black concrete & glue	Rm 59, 61, dining rm & Kitchen	ND	2	500 cu. ft	Assumed 2 neg.	
M	4" gray concrete & glue	Rm 60, 62-64, custodian work rm, 68, 57, 54	ND	2	850 cu. ft	Assumed 2 neg.	

- (1) S – surfacing, TSI – thermal system insulation, M – miscellaneous
 (2) ND – not damaged, D – damaged, SD – significantly damaged
 (3) POS – previously identified as positive, NEG – previously identified as negative, ASSUMED – 1 = new material, not sampled, assumed asbestos-containing
 ASSUMED – 2 = not enough samples collected, material is assumed asbestos-containing
 (4) For response actions 1–8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMMUSD

110-0006

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Material Class (1)	Material	Material Location	Current Assessment (2)	Frable (Y or N)	Approximate Quantity	Results (3) of Sample #	Recommendation/Response Action (4)
M	12" Lt. blue Specified Fl. Tile	Rm 60	ND	2	1050 sq. ft.	pos. Assumed	N/A
M	12" Lt. blue Marbled Pattern Fl. tile	Rm 63, 63, work rm 68, Custodian rm 57	ND	2	1300 sq. ft.	neg.	
M	Carpet glue w/ residual mastic	Rm 63, 63, 64 & 57	ND	2	3400 sq. ft.	neg.	
M	12" black w/ white Fl. tile	Dining Rm	ND	2	3600 sq. ft.	neg.	
M	Lt. green w/ black & white Fl. sheeting	Kitchen	ND	2	900 sq. ft.	neg.	
M	MVAC Joint Compound	Rms 59-63, Mech Rms	ND	2	30 sq. ft.	Assumed neg. I	
M	Heater units	Rm 59-63	ND	2	3 ea.	Assumed - 2	
M	12" straight peg hole ceiling tile & mastic	Rm 59-64, Rm 54, Dining area, Rm 57	ND	2	8300 sq. ft.	neg. (3 samples)	N/A
M	2x4 Pissured laid in ceiling panel	Dining Rm	ND	2	3200 sq. ft.	neg.	

(1) S - surfacing, TSI - thermal system insulation, M - miscellaneous

(2) ND - not damaged, D - damaged, SD - significantly damaged

(3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing;

ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMMUSD

110-0006

Grant ES

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Building J

Material Class (1)	Material	Material Location	Current Assessment (2)	Frable (Y or N)	Approximate Quantity	Results (3) of Sample #	Recommendations/Response Action (4)
M	4" dark green concrete base & glue	Rm 80-83	ND	2	450 sq. ft.	neg	
M	12" white w/ blue floor tile	Rm 80-83 at Entr. & East sides	ND	2	1200 sq. ft.	neg.	
M	2x4 fissured ceiling panel		ND	Y	4000 sq. ft.	neg.	
M	Carpet Glue	Rm 80-83	ND	2	3200 sq. ft.	neg.	
M	Chalkboard		ND	2	8 sq.	Assumed - 2	
M	Drywall		ND	2	3500 sq. ft.	neg.	
S	Drywall Jt. compound		ND	2		neg (5 samples)	
S	Stucco	Ext. walls & soffit	ND	2	2800 sq. ft.	neg (3 samples)	
Building K							

(1) S - surfacing, TSI - thermal system insulation, M - miscellaneous

(2) ND - not damaged, D - damaged, SD - significantly damaged

(3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing

ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMNUSD

110-0006

Grant ES

Page 13 of 16

Material Class (1)	Material	Material Location	Current Assessment (2)	Fileable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	Carpet glue w/ residual mastic	Rms 13-15 & Conference Rm	ND	2	3600 sq. ft.	neg	
M	12" Lt. blue speckled Fl. tile		ND	2	650 sq. ft.	neg	
M	4" gray concrete & glue		ND	2	410 sq. ft.	neg	
M	12" straight peg hole ceiling tiles & glue	Rm 13 & 14	ND	Y	2000 sq. ft.	neg	
M	HVAC Joint compound	Room 13, 14, 15 & Mech. Rm	ND	2	13 sq. ft.	neg	
M	Heater Unit	Rm 13-15, Mech. Rms	ND	2	3 ea.	assumed -2	
M	Chalkboard	Rm 13-15	ND	2	6 ea.	2	
M	2x4 lay in fissured ceiling panel	Rm 15 & conf. Rm	ND	Y E	1000 sq. ft.	neg.	
Walkways							

(1) S – surfacing, TSI – thermal system insulation, M – miscellaneous

(2) ND – not damaged, D – damaged, SD – significantly damaged

(3) POS – previously identified as positive, NEG – previously identified as negative, ASSUMED – 1 = new material, not sampled, assumed asbestos-containing; ASSUMED – 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1–8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMIMUSD

110-0006

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Material Class (1)	Material	Material Location	Current Assessment (2)	Frangible (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
S	Ext. Stucco Overhang	Walkway ceilings B-E, G, H & K	ND	2	4500 sq. ft.	Neg. (5 samples)	
Surfacing Materials							
S	Smooth Plaster ceiling	Buildings B-E, G & HPC South	ND	2	6000 sq. ft.	Neg. (7 samples)	
	Smooth Plaster wall		ND	2	13000 sq. ft.	Neg. (7 samples)	
	Rough Plaster ceiling		ND	2	18000 sq. ft.	POS	
	Stucco		ND	2	29000 sq. ft.	Neg POS. (7 samples)	
	Rough Plaster wall	Bldgs B, D/E and F, E, H, K, G	ND	2	23000 sq. ft.		
	Drywall Joint compound	Bldg A, B, D/E and F, E, H, K, G	ND	2	14000 sq. ft.		

(1) S - surfacing, TSI - thermal system insulation, M - miscellaneous

(2) ND - not damaged, D - damaged, SD - significantly damaged

(3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing

ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

Appendix E

Assessments

ASSESSMENT SHEET

Functional Space Number _____
Homogenous Area Letter _____

Functional Space Description Meas. room 112
School Name _____
Building Name _____

2. Non-Friable Material:

4. Type of Damage
- (1) Deterioration _____
 - (2) Water Damage _____
 - (3) Air Erosion _____
 - (4) Vandalism _____
 - (5) Other _____

1. Friable Material:

Sample Number 6m121
Building Number Bldg. 2
School Name _____

3. Damage Rating:

- (A) No Damage: ☒
- (B) Moderate Damage _____
- (1) <= 10% Distributed _____
- (2) <= 25% Localized _____
- (C) Significant Damage: _____
- (1) > 10% Distributed _____
- (2) > 25% Localized _____

5. Description of Damage:

- (1) Blisters _____
- (2) Buckling _____
- (3) Crumbling _____
- (4) Crushed Insulation _____
- (5) Debris on Floor _____
- (6) Delamination _____

(B) Possible Contact Factors:

- (1) Near Systems Requiring Repair/Maint. ☒
- (2) High Traffic Area _____
- (3) Within Reach of Students and Teachers _____
- (4) Other _____

6. Disturbance Potential:

- (1) Very Likely _____
- (2) Accidental Contact Possible _____
- (3) Small Disturbance Likely ☒
- (4) Large Disturbance Likely _____
- (5) > 3 sq. or linear ft. _____

(D) Influence of Vibration:

- (0) None _____
- (1) Low _____
- (2) Moderate ☒
- (3) High _____

(E) Source of Vibration:

- (1) Athletic Events ☒
- (2) Mechanical Equipment _____
- (3) Sound Waves _____
- (4) Other _____

(C) Occupancy:

- ~~(1) Maint. Workers~~
- (2) Students/Teachers _____
- (3) Public _____
- (4) Area Not Normally Entered ☒

- (1) 1/Day Approx. Hours _____
- (2) 1/Wk. Approx. Hours _____
- (3) 1/Mo. Approx. Hours _____

(F) Potential For Air Erosion:

- (0) None _____
- (1) Low _____
- (2) Moderate _____
- (3) High ☒

7. Removal of ACM Mandatory (Repair Not Possible: NO)

(Do not check above without giving reason below.)

Reason For Recommending Removal:

(A) Remodeling/Renovation Planned

(B) Demolition Planned

Comments:

Print Name Blair C. Smith

Signature _____

(Date) 3/17/2010

ASSESSMENT SHEET

Functional Space Number _____ Homogenous Area Letter _____

Functional Space Description g/lc space

School Number _____ School Name _____ Building Name _____

Sample Number _____

Building Number _____

Building Number _____

Print Name: Grady C. Bldg. C

Friable Material: Yes

1. Friable Material:

3. Damage Rating:

- (A) No Damage: ☒
 (B) Moderate Damage
 (1) <= 10% Distributed
 (2) <= 25% Localized
 (C) Significant Damage:
 (1) > 10% Distributed
 (2) > 25% Localized

5. Description of Damage:

- (1) Blisters
 (2) Buckling
 (3) Crumbling
 (4) Crushed Insulation
 (5) Debris on Floor
 (6) Delamination

6. Disturbance Potential:

- (A) Potential For Contact:
 (1) Very Likely
 (2) Accidental Contact Possible
 (3) Small Disturbance Likely
 (4) Large Disturbance Likely
 (> 3 sq. or linear ft.)

(C) Occupancy:

- (1) Maint. Workers
 (2) Students/Teachers
 (3) Public
 (4) Area Not Normally Entered
 (1) 1/Day Approx. Hours
 (2) 1/Wk. Approx. Hours
 (3) 1/Mo. Approx. Hours

(F) Potential For Air Erosion:

- (0) None
 (1) Low
 (2) Moderate
 (3) High
K

7. Removal of ACM Mandatory (Repair Not Possible: NE)
 (Do not check above without giving reason below.)
 Reason For Recommending Removal:

(A) Remodeling/Renovation Planned

(B) Demolition Planned

Comments:

(Print Name)

(Signature)

(Date)

3/15/2010

B/m Cohn

ASSESSMENT SHEET

Functional Space Number _____
 Homogenous Area Letter _____
 Functional Space Description athletic area rm. 46 n
 School Name _____
 Building Name _____

Sample Number _____
 School Number 6007-2.5
 Building Number Bldg. 6
 Fritable Material: Yes
 Duct Insulation

2. Non-Fritable Material:

4. Type of Damage
- (1) Deterioration
 - (2) Water Damage
 - (3) Air Erosion
 - (4) Vandalism
 - (5) Other

5. Description of Damage:

- (1) Blisters
- (2) Buckling
- (3) Crumbling
- (4) Crushed Insulation
- (5) Debris on Floor
- (6) Delamination
- (7) Dislodged/Missing Pieces
- (8) Gouges
- (9) Punctures
- (10) Ripped/Missing Jackets
- (11) Scrape Marks
- (12) Stains/Discoloration
- (13) Torn/Dislodged
- (14) Water Damage

6. Disturbance Potential:

- (A) Potential For Contact:
- (1) Very Likely
- (2) Accidental Contact Possible
- (3) Small Disturbance Likely
- (4) Large Disturbance Likely
- (5) (>3 sq. or linear ft.)

(C) Occupancy:

- (1) Maint. Workers
- (2) Students/Teachers
- (3) Public
- (4) Area Not Normally Entered

- (1) 1/Day Approx. Hours
- (2) 1/Wk. Approx. Hours
- (3) 1/Mo. Approx. Hours

(F) Potential For Air Erosion:

- (0) None
- (1) Low
- (2) Moderate
- (3) High

(D) Influence of Vibration:

- (0) None
- (1) Low
- (2) Moderate
- (3) High

(G) Source of Air Erosion:

- (1) Air Plenum
- (2) Air Shaft
- (3) Elevator Shaft
- (4) Other

(E) Source of Vibration:

- (1) Athletic Events
- (2) Mechanical Equipment
- (3) Sound Waves
- (4) Other

(B) Possible Contact Factors:

- (1) Near Systems Requiring Repair/Maint.
- (2) High Traffic Area
- (3) Within Reach of Students and Teachers
- (4) Other

3. Damage Rating:

- (A) No Damage:
- (B) Moderate Damage
- (1) <= 10% Distributed
- (2) <= 25% Localized
- (C) Significant Damage:
- (1) >10% Distributed
- (2) >25% Localized

7. Removal of ACM Mandatory (Repair Not Possible:

(Do not check above without giving reason below.)

Reason For Recommending Removal:

(A) Remodeling/Renovation Planned

(B) Demolition Planned

Comments:

(Print Name)

(Signature)

(Date)

Elmer Casby

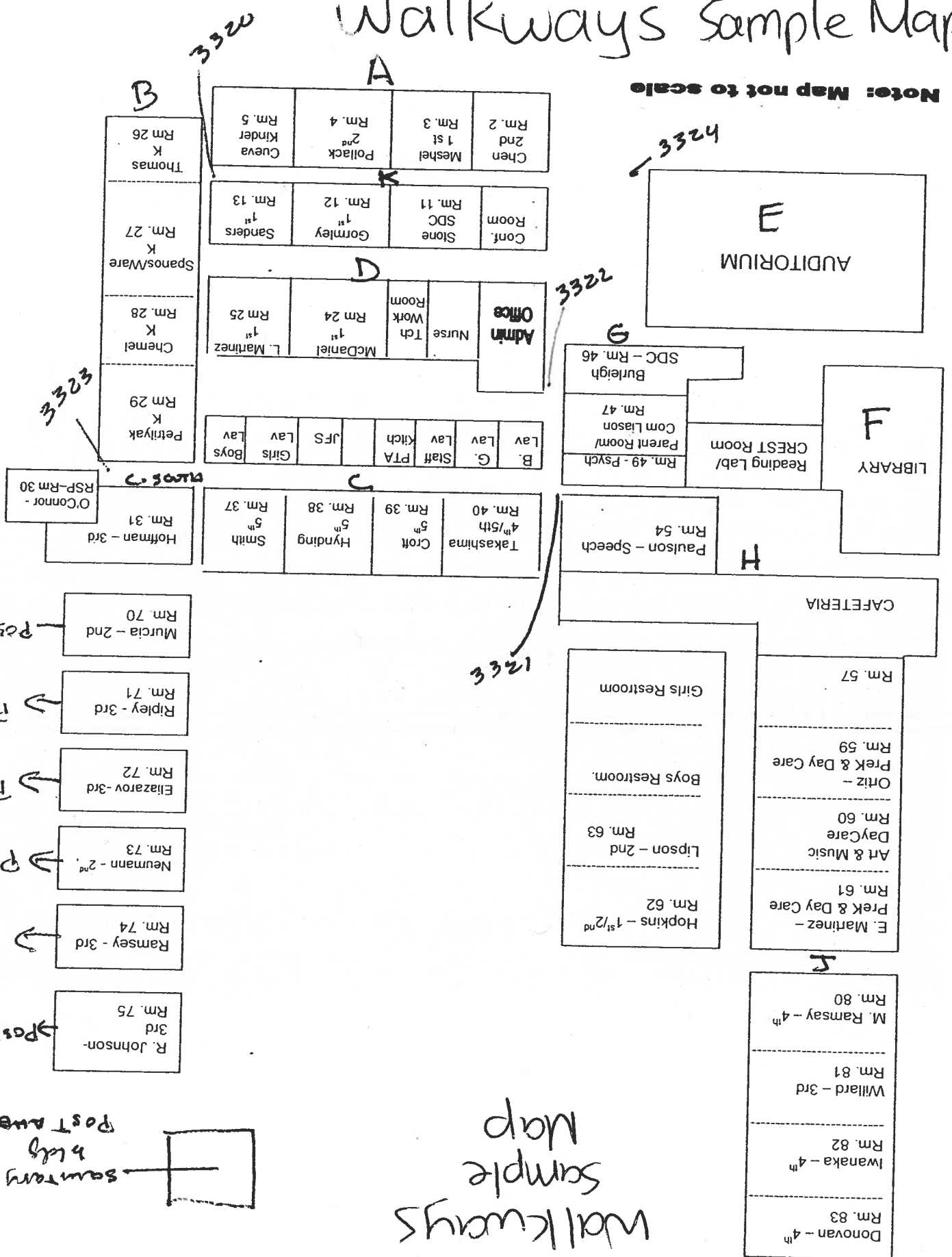
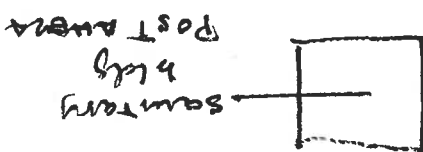
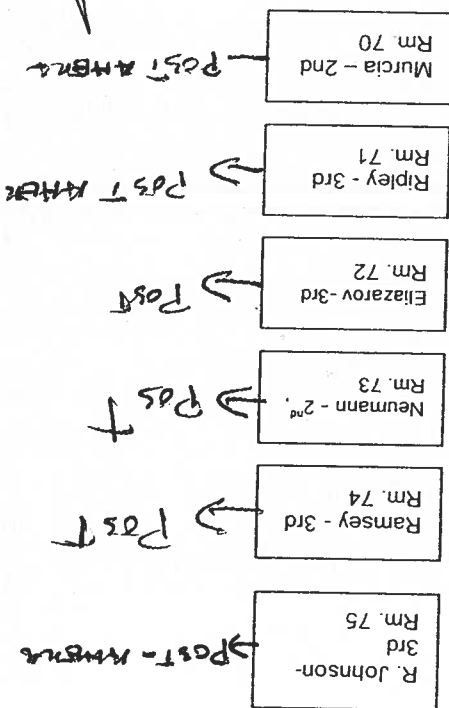
3/15/2010

Site Map

Appendix F

GRANT ELEMENTARY SCHOOL
2006-2007

2006-2007



Note: Map not to scale

Coffey Environments Employee Certifications

Appendix G

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Cesar Ruvalcaba

Name

Certification No. **95-1799**

Expires on **10/27/10**

This certification was issued by the Division of
Occupational Safety and Health as authorized by
Sections 7160 et seq. of the Business and
Professions Code.



State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician



Elmer J. Castro
Technician

Certification No. **08-4406**

Expires on **09/19/10**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7160 et seq. of the Business and Professions Code.