



TETRA TECH

October 3, 2018

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**Subject: Limited Asbestos Survey – USPS Seattle - Columbia Carrier Annex
3613 South Juneau Street, Suite 101, Seattle, Washington 98118
(WO 119.00, IQC 072382-15-J-0029)**

Dear Ms. Sarver:

Tetra Tech, Inc. (Tetra Tech) is pleased to present the United States Postal Service (USPS) this report for asbestos sampling for one structure at the USPS post office location at 3613 South Juneau Street, Seattle, Washington (Site). The primary purpose of the survey was to identify and quantify asbestos-containing building materials (ACBMs), if present, before renovation and operations expansion in the building. USPS currently occupies Suite 101 and plans to expand operations and lease the remaining areas of the building identified as Suite 100.

PROJECT SUMMARY

First Mobilization Suite 101

On July 11, 2018, Ms. Lona Pearson conducted the sampling of suspect materials at the Site. Ms. Pearson, an Asbestos Hazard Emergency Response Act (AHERA) Accredited Asbestos Inspector, identified and collected suspect ACBMs from interior and ground-level exterior areas of Suite 101. Suite 100 was not surveyed during this mobilization because of access coordination issues with the property owner and planned for a future date. In accordance with the approved scope of work, the roof areas at the Site were not included in the survey.

Survey activities began with visual observation of the building to identify homogeneous areas of suspect ACBMs. A homogeneous area consists of building materials that appear similar throughout in terms of color, texture, and date of application. Samples were collected from each unique homogeneous area identified by the inspector. Asbestos samples were collected to ensure that each distinct layer of material was represented in the sample. All samples collected were placed in plastic bags, labeled, and sealed immediately upon collection. To prevent cross-contamination between samples, the sampling instruments were wiped clean using a wet,

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lint-free cloth after collection of each sample. A unique sample identification number was assigned to each sample.

A total of 83 samples of suspect ACBMs were collected from Suite 101. The sample location drawing is included in [Attachment A](#). The materials sampled include vinyl floor tiles, sheet flooring, floor mastics and adhesives, cove base mastics, wall mastics, drywall wall systems and textures, ceiling tiles, exterior stone mortar, and exterior concrete stucco finish.

After sample collection, the samples were submitted to EMSL Analytical Laboratory (EMSL) in San Leandro, California (NVLAP certification number 101048-0) for Polarized Light Microscopy (PLM) analysis via U.S. Environmental Agency (EPA) 600/R-93/116 Method. A sample result of any material containing asbestos at concentrations greater than 1 percent is considered asbestos-containing material (ACM). If PLM analysis of non-friable organically bound (NOB) samples did not detect asbestos or detected asbestos in concentrations less than 1 percent, then these samples were analyzed by Transmission Electron Microscopy (TEM) analysis via EPA NOB 600/R-93/116 Method to confirm the absence of or actual percentage of asbestos in the sample. TEM results of 1 percent or greater indicates that the material is ACM and, therefore, must be managed according to applicable regulations and USPS policy. In addition, one sample determined by PLM analysis to contain 2% asbestos was analyzed via EPA Point Count 400 (EPA Method 600/R-93/116) to determine a more precise amount of asbestos present in the material.

Samples were sent to EMSL on July 11, 2018, under chain-of-custody documentation and received by the laboratory on July 12, 2018.

Second Mobilization Suite 100

On August 15, 2018, Mr. Mark Stockwell, AHERA Accredited Asbestos Inspector, collected suspect ACBMs from interior and ground-level exterior areas of Suite 100. Mr. Stockwell followed the sampling protocols as were performed for Suite 101. A total of 62 samples of suspect ACBMs were collected from Suite 100. The sample location drawing is included in [Attachment A](#). The materials sampled include vinyl floor tiles, sheet flooring, floor mastics and adhesives, floor leveling compound, cove base mastics, wall mastics, drywall wall systems and textures, ceiling tiles, exterior concrete stucco finish, and assumed asbestos containing fire doors. Samples were sent to EMSL on August 16, 2018, under chain-of-custody documentation and received by the laboratory on August 17, 2018.

FINDINGS

[Table 1](#) summarizes samples collected and laboratory analytical results for Suite 101. [Table 2](#) summarizes samples collected and laboratory analytical results for Suite 100. Bold results in both tables indicate that ACBM was identified.

Sample collection locations and extent of materials are identified on drawings provided by USPS. Suite 101 is represented on [Figures 1 and 2](#), and Suite 100 is represented on [Figures 3 and 4](#). All figures are included in [Attachment A](#). Selected photographs from both Site visits are included in [Attachment B](#).

The complete analytical reports and chain-of-custody documentation for each event are included in [Attachment C](#), along with laboratory certification. Inspector certifications are included in [Attachment D](#).

**Table 1. Asbestos Sample Results
Suite 101**

Sample ID	HA	Material Description	Material Location	Result PLM ¹	Result TEM ¹	Estimated Quantity
CCA-VFT-1	1	12" vinyl floor tile tan, with black mastic	Reception area, shop area, and offices	VFT – 2% Chrys Mastic – ND	VFT – NA Mastic – ND	1,150 SF
CCA-VFT-2	1	12" vinyl floor tile tan, with black mastic	Reception area, shop area, and offices	VFT - Positive stop Mastic - ND	VFT – NA Mastic – ND	included
CCA-VFT-3	1	12" vinyl floor tile tan, with black mastic	Reception area, shop area, and offices	VFT - Positive stop Mastic - ND	VFT – NA Mastic – ND	included
CCA-VFT2-1	2	12" vinyl floor tile beige, with black mastic	Reception area, shop area, and offices	VFT – ND Mastic - ND	ND	included
CCA-VFT2-2	2	12" vinyl floor tile beige, with black mastic	Reception area, shop area, and offices	VFT – ND Mastic - ND	ND	included
CCA-VFT2-3	2	12" vinyl floor tile beige, with black mastic	Reception area, shop area, and offices	VFT – ND Mastic - ND	ND	included
CCA-VFT3-1	3	12" vinyl floor tile tan splotch, with black mastic	Reception area, shop area, and offices	VFT – ND Mastic - ND	VFT – NA Mastic – ND	included
CCA-VFT3-2	3	12" vinyl floor tile tan splotch, with black mastic	Reception area, shop area, and offices	VFT – ND Mastic - ND	VFT – NA Mastic – ND	included
CCA-VFT3-3	3	12" vinyl floor tile tan splotch, with black mastic	Reception area, shop area, and offices	VFT – 2% Chrys Mastic – ND	VFT – NA Mastic – ND	included
CCA-VFT4-1	4	12" vinyl floor tile beige splotch, with black mastic	Reception area, shop area, and offices	VFT – ND Mastic - ND	VFT-ND Mastic - ND	included
CCA-VFT4-2	4	12" vinyl floor tile beige splotch, with black mastic	Reception area, shop area, and offices	VFT – ND Mastic – 3% Chrysotile	VFT-ND Mastic - NA	included
CCA-VFT4-3	4	12" vinyl floor tile beige splotch, with black mastic	Reception area, shop area, and offices	VFT – ND Mastic - Positive stop	VFT-ND Mastic - NA	included

**Table 1. Asbestos Sample Results
Suite 101**

Sample ID	HA	Material Description	Material Location	Result PLM ¹	Result TEM ¹	Estimated Quantity
CCA-CA-1	5	Tan/yellow carpet adhesive over vinyl floor tile	Reception area, and offices	ND	ND	NR
CCA-CA-2	5	Tan/yellow carpet adhesive over vinyl floor tile	Reception area, and offices	ND	ND	NR
CCA-CA-3	5	Tan/yellow carpet adhesive over vinyl floor tile	Reception area, and offices	ND	ND	NR
CCA-VSF-1	6	Vinyl sheet flooring, white indented pattern	Reception entry only	ND	ND	NR
CCA-VSF-2	6	Vinyl sheet flooring, white indented pattern	Reception entry only	ND	ND	NR
CCA-VSF-3	6	Vinyl sheet flooring, white indented pattern	Reception entry only	ND	ND	NR
CCA-CABM-1	7	Carpet adhesive and black mastic	Concrete floors in reception, manager's offices, hall and customer pick up	CA – ND Mastic – 4% Chrys	CA – ND Mastic - NA	900 SF
CCA-CABM-2	7	Carpet adhesive and black mastic	Concrete floors in reception, manager's offices, hall and customer pick up	Positive Stop	NA	Included
CCA-CABM-3	7	Carpet adhesive and black mastic	Concrete floors in reception, manager's offices, hall and customer pick up	Positive Stop	NA	included
CCA-VSF2-1	8	Vinyl sheet flooring white and tan pattern	Central restrooms and water heater room	VSF – 8% Chrys Leveler – ND	VSF – NA Leveler - ND	175 SF
CCA-VSF2-2	8	Vinyl sheet flooring white and tan pattern	Central restrooms and water heater room	Positive Stop	NA	Included
CCA-VSF2-3	8	Vinyl sheet flooring white and tan pattern	Central restrooms and water heater room	Positive Stop	NA	included

**Table 1. Asbestos Sample Results
Suite 101**

Sample ID	HA	Material Description	Material Location	Result PLM ¹	Result TEM ¹	Estimated Quantity
CCA-VFT5-1	9	Vinyl floor tile blue accents in beige vinyl floor tile	Maintenance office	ND	ND	NR
CCA-VFT5-2	9	Vinyl floor tile blue accents in beige vinyl floor tile	Maintenance office	ND	ND	NR
CCA-VFT5-3	9	Vinyl floor tile blue accents in beige vinyl floor tile	Maintenance office	ND	ND	NR
CCA-VSF3-1	10	Vinyl sheet flooring pink/blue pebble	Men's restroom	ND	ND	NR
CCA-VSF3-2	10	Vinyl sheet flooring pink/blue pebble	Men's restroom	ND	ND	NR
CCA-VSF3-3	10	Vinyl sheet flooring pink/blue pebble	Men's restroom	ND	ND	NR
CCA-VSF4-1	11	Vinyl sheet flooring gray pebble	Warehouse restroom	ND	ND	NR
CCA-VSF4-2	11	Vinyl sheet flooring gray pebble	Warehouse restroom	ND	ND	NR
CCA-VSF4-3	11	Vinyl sheet flooring gray pebble	Warehouse restroom	ND	ND	NR
CCA-VSF5-1	12	Black truncated flooring	Customer pickup entry	ND	ND	NR
CCA-VSF5-2	12	Black truncated flooring	Customer pickup entry	ND	ND	NR
CCA-VSF5-3	12	Black truncated flooring	Customer pickup entry	ND	ND	NR
CCA-LC-1	13	Leveling compound	Ramp adjacent to customer pickup	ND	ND	NR
CCA-LC-2	13	Leveling compound	Ramp adjacent to customer pickup	ND	ND	NR
CCA-LC-3	13	Leveling compound	Ramp adjacent to customer pickup	ND	ND	NR

**Table 1. Asbestos Sample Results
Suite 101**

Sample ID	HA	Material Description	Material Location	Result PLM ¹	Result TEM ¹	Estimated Quantity
CCA-CBM-1	14	Brown mastic	Cove base throughout most areas	ND	ND	NR
CCA-CBM-2	14	Brown mastic	Cove base throughout most areas	ND	ND	NR
CCA-CBM-3	14	Brown mastic	Cove base throughout most areas	ND	ND	NR
CCA-CBM2-1	15	Cream mastic	Cove base reception area and south rooms	ND	ND	NR
CCA-CBM2-2	15	Cream mastic	Cove base reception area and south rooms	ND	ND	NR
CCA-CBM2-3	15	Cream mastic	Cove base reception area and south rooms	ND	ND	NR
CCA-CT-1	16	2'x 4' ceiling tile, pins, and worms	Throughout	ND	NA ²	NR
CCA-CT-2	16	2'x 4' ceiling tile, pins, and worms	Throughout	ND	NA ²	NR
CCA-CT-3	16	2'x 4' ceiling tile, pins, and worms	Throughout	ND	NA ²	NR
CCA-CT2-1	17	2'x 4' ceiling tile, pins, and holes	Throughout	ND	NA ²	NR
CCA-CT2-2	17	2'x 4' ceiling tile, pins, and holes	Throughout	ND	NA ²	NR
CCA-CT2-3	17	2'x 4' ceiling tile, pins, and holes	Throughout	ND	NA ²	NR
CCA-CT3-1	18	1'x1' ceiling tile, holes with glue	Office and walkway between reception and break room, above HA 19	CT – ND Glue - ND	CT- NA ² Glue - ND	NR
CCA-CT3-2	18	1'x1' ceiling tile, holes with glue	Office and walkway between reception and break room, above HA 19	CT – ND Glue - ND	CT- NA ² Glue - ND	NR

**Table 1. Asbestos Sample Results
Suite 101**

Sample ID	HA	Material Description	Material Location	Result PLM ¹	Result TEM ¹	Estimated Quantity
CCA-CT3-3	18	1'x1' ceiling tile, holes with glue	Office and walkway between reception and break room, above HA 19	CT – ND Glue - ND	CT- NA ² Glue - ND	NR
CCA-CT4-1	19	2'x 4' ceiling tile, pins, and fissures	Office between reception and break room, below HA 18	ND	NA ²	NR
CCA-CT4-2	19	2'x 4' ceiling tile, pins, and fissures	Office between reception and break room, below HA 18	ND	NA ²	NR
CCA-CT4-3	19	2'x 4' ceiling tile, pins, and fissures	Office between reception and break room, below HA 18	ND	NA ²	NR
CCA-WM-1	20	Wall mastic	Water heater room, restrooms, offices, reception,	ND	ND	NR
CCA-WM-2	20	Wall mastic	Water heater room, restrooms, offices, reception,	ND	ND	NR
CCA-WM-3	20	Wall mastic	Water heater room, restrooms, offices, reception,	ND	ND	NR
CCA-DWTX-1	21	Drywall texture, heavy knockdown	Reception walls and ceilings, office between reception and break room	ND	NA ²	NR
CCA-DWTX-2	21	Drywall texture, heavy knockdown	Reception walls and ceilings, office between reception and break room	ND	NA ²	NR
CCA-DWTX-3	21	Drywall texture, heavy knockdown	Reception walls and ceilings, office between reception and break room	ND	NA ²	NR
CCA-DWTX-4	21	Drywall texture, heavy knockdown	Reception walls and ceilings, office between reception and break room	ND	NA ²	NR
CCA-DWTX-5	21	Drywall texture, heavy knockdown	Reception walls and ceilings, office between reception and break room	ND	NA ²	NR

**Table 1. Asbestos Sample Results
Suite 101**

Sample ID	HA	Material Description	Material Location	Result PLM ¹	Result TEM ¹	Estimated Quantity
CCA-DWJC-1	22	Drywall and joint compound	Associated with HA 21	Tex - ND DW – ND JC - ND	NA ²	2,100 SF
CCA-DWJC-2	22	Drywall and joint compound	Associated with HA 21	Tex - ND DW – ND JC – 2% Chrys	NA ²	Included
CCA-DWJC-3	22	Drywall and joint compound	Associated with HA 21	Tex - ND DW – ND JC – Positive Stop	NA ²	Included
CCA-DWJC2-1	23	Drywall and joint compound, smooth	Break room, elect room, telecom room, maintenance rooms	JC – ND DW – ND	NA ²	NR
CCA-DWJC2-2	23	Drywall and joint compound, smooth	Break room, elect room, telecom room, maintenance rooms	JC – ND DW – ND	NA ²	NR
CCA-DWJC2-3	23	Drywall and joint compound, smooth	Break room, elect room, telecom room, maintenance rooms	JC – ND DW – ND	NA ²	NR
CCA-DWJC3-1	24	Drywall and joint compound, with paint texture	Drywall and joint compound, with paint texture	JC – ND Paint - ND DW – ND	JC – NA ² Paint - ND DW – NA ²	NR
CCA-DWJC3-2	24	Drywall and joint compound, with paint texture	Drywall and joint compound, with paint texture	JC – ND Paint - ND DW – ND	JC – NA ² Paint - ND DW – NA ²	NR
CCA-DWJC3-3	24	Drywall and joint compound, with paint texture	Drywall and joint compound, with paint texture	JC – ND Paint - ND DW – ND	JC – NA ² Paint - ND DW – NA ²	NR
CCA-DWJC3-4	24	Drywall and joint compound, with paint texture	Drywall and joint compound, with paint texture	JC – ND Paint - ND DW – ND	JC – NA ² Paint - ND DW – NA ²	NR

**Table 1. Asbestos Sample Results
Suite 101**

Sample ID	HA	Material Description	Material Location	Result PLM ¹	Result TEM ¹	Estimated Quantity
CCA-DWJC3-5	24	Drywall and joint compound, with paint texture	Drywall and joint compound, with paint texture	JC – ND Paint - ND DW – ND	JC – NA ² Paint - ND DW – NA ²	NR
CCA-SU-1	25	Black sink undercoating	Break room sink	ND	ND	NR
CCA-SM-1	26	Stone mortar	Exterior decorative stone siding	Brown/gray - <1% Chrys Gray - ND	Brown/gray – 0.62% Chrys Gray - ND	NR
CCA-SM-2	26	Stone mortar	Exterior decorative stone siding	Gray - ND	Gray - ND	NR
CCA-SM-3	26	Stone mortar	Exterior decorative stone siding	Gray - ND	Gray - ND	NR
CCA-STU-1	27	Concrete stucco finish	Warehouse exterior walls	ND	ND	NR
CCA-STU-2	27	Concrete stucco finish	Warehouse exterior walls	ND	ND	NR
CCA-STU-3	27	Concrete stucco finish	Warehouse exterior walls	ND	ND	NR

Notes:

Bold result indicates asbestos was detected.

¹ Result includes all analyzed layers unless otherwise specified.

² Flammables/friables were not analyzed by non-friable organically bound TEM.

' Foot

" Inch

CA Carpet adhesive

Chrys Chrysotile asbestos

CT Ceiling tile

DW Drywall

HA Homogenous area

ID Identification

JC Joint compound

NA Not analyzed

ND Asbestos not detected

NR Not regulated

PLM Polarized light microscopy

SF Square feet

TEM Transmission electron microscopy

TEX Texture

VFT Vinyl floor tile

VSF Vinyl sheet flooring

**Table 2. Asbestos Sample Results
Suite 100**

Sample ID	HA	Material Description	Material Location	Result PLM ¹	Result TEM ¹	Estimated Quantity
CCA-100-01-01	1	12" vinyl floor tile, white w/grey specks, black mastic	Front east, break area, hallways, kitchen	VFT – ND Mastic – ND	VFT – ND Mastic – insuff	NR
CCA-100-01-02	1	12" vinyl floor tile, white w/grey specks, black mastic	Front east, break area, hallways, kitchen	VFT – ND Mastic – ND	VFT – ND Mastic – insuff	NR
CCA-100-01-03	1	12" vinyl floor tile, white w/grey specks, black mastic	Front east, break area, hallways, kitchen	VFT – ND Mastic – ND	VFT – ND Mastic – insuff	NR
CCA-100-02-01	2	12" vinyl floor tile, Lt grey w/white specks, black mastic	Front east, break area, kitchen hallways at perimeter walls	VFT – ND Mastic – ND Mastic 2- ND	VFT – ND Mastic – insuff Mastic 2 – insuff	NR
CCA-100-02-02	2	12" vinyl floor tile, Lt grey w/white specks, black mastic	Front east, break area, kitchen hallways at perimeter walls	VFT – ND Mastic – ND	VFT – ND Mastic – insuff	NR
CCA-100-02-03	2	12" vinyl floor tile, Lt grey w/white specks, black mastic	Front east, break area, kitchen hallways at perimeter walls	VFT – ND Mastic – ND	VFT – ND Mastic – insuff	NR
CCA-100-03-01	3	12" vinyl floor tile, grey w/white specks, tan and black mastic	Front east, break area, kitchen	VFT – ND Mastic – ND	VFT – ND Mastic – insuff	NR
CCA-100-03-02	3	12" vinyl floor tile, grey w/white specks, tan and black mastic	Front east, break area, kitchen	VFT – ND Mastic – ND	VFT – ND Mastic – insuff	NR
CCA-100-03-03	3	12" vinyl floor tile, grey w/white specks, tan and black mastic	Front east, break area, kitchen	VFT – ND Mastic – ND	VFT – ND Mastic – insuff	NR
CCA-100-04-01	4	7" vinyl cove base, brown with beige adhesive	Front east, break area, kitchen, hallways, recreation, staff, classrooms	VCB – ND Adhesive – ND	VCB – ND Adhesive – ND	NR
CCA-100-04-02	4	7" vinyl cove base, brown with beige adhesive	Front east, break area, kitchen, hallways, recreation, staff, classrooms	VCB – ND Adhesive – ND	VCB – ND Adhesive – insuff	NR
CCA-100-04-03	4	7" vinyl cove base, brown with beige adhesive	Front east, break area, kitchen, hallways, recreation, staff, classrooms	VCB – ND Adhesive – ND Compound – ND	VCB – ND Adhesive – insuff Compound – NA	NR

**Table 2. Asbestos Sample Results
Suite 100**

Sample ID	HA	Material Description	Material Location	Result PLM ¹	Result TEM ¹	Estimated Quantity
CCA-100-05-01	5	12" vinyl floor tile, tan square pattern, clear and black mastic	Kitchen	VFT – ND Mastic – ND Leveler – ND	VFT – ND Mastic – insuff Leveler – insuff	NR
CCA-100-05-02	5	12" vinyl floor tile, tan square pattern, clear and black mastic	Kitchen	VFT – ND Mastic – ND Leveler – ND	VFT – ND Mastic – insuff Leveler – insuff	NR
CCA-100-05-03	5	12" vinyl floor tile, tan square pattern, clear and black mastic	Kitchen	VFT – ND Mastic – ND	VFT – ND Mastic – insuff	NR
CCA-100-06-01	6	Vinyl sheet flooring, grey speckled, w/grey backing, tan and black mastic	Restrooms, staff areas, some classrooms	VSF – ND Mastic – ND	VSF – ND Mastic – insuff	NR
CCA-100-06-02	6	Vinyl sheet flooring, grey speckled, w/grey backing, tan and black mastic	Restrooms, staff areas, some classrooms	VSF – ND Mastic – NS	VSF – ND	NR
CCA-100-06-03	6	Vinyl sheet flooring, grey speckled, w/grey backing, tan and black mastic	Restrooms, staff areas, some classrooms	VSF – ND Mastic – ND	VSF – ND Mastic – ND	NR
CCA-100-07-01	7	12" vinyl floor tile, dark blue, w/beige mastic	Center reception area	VFT – ND Mastic – ND	VFT – ND Mastic – insuff	NR
CCA-100-07-02	7	12" vinyl floor tile, dark blue, w/beige mastic	Center reception area	VFT – ND Mastic – ND	VFT – ND Mastic – insuff	NR
CCA-100-08-01	8	Carpet mastic, tan w/black remnant	West classrooms and halls	Tan Mastic – ND Black Mastic – ND	Tan Mastic – NA Black Mastic – NA	3,400 SF
CCA-100-08-02	8	Carpet mastic, tan w/black remnant	West classrooms and halls	Tan Mastic – ND Black Mastic – ND	Tan Mastic – NA Black Mastic – NA	Included
CCA-100-08-03	8	Carpet mastic, tan w/black remnant	West classrooms and halls	Tan Mastic – ND Black Mastic – 2% Chrys	Tan Mastic – NA Black Mastic – NA	Included

**Table 2. Asbestos Sample Results
Suite 100**

Sample ID	HA	Material Description	Material Location	Result PLM ¹	Result TEM ¹	Estimated Quantity
CCA-100-09-01	9	Black floor mastic	Throughout west classrooms under carpet/tile	Tan/Black Mastic – 2% Chrys	Tan/Black Mastic – NA	Included
CCA-100-09-02	9	Black floor mastic	Throughout west classrooms under carpet/tile	Positive stop	NA	Included
CCA-100-09-03	9	Black floor mastic	Throughout west classrooms under carpet/tile	Positive stop	NA	Included
CCA-100-10-01	10	4" vinyl cove base, dark grey, w/beige adhesive	West classrooms and halls	VCB – ND Adhesive – ND	VCB – ND Adhesive – ND	NR
CCA-100-10-02	10	4" vinyl cove base, dark grey, w/beige adhesive	West classrooms and halls	VCB – ND Adhesive – ND	VCB – ND Adhesive – insuff	NR
CCA-100-10-03	10	4" vinyl cove base, dark grey, w/beige adhesive	West classrooms and halls	VCB – ND Adhesive – ND	VCB – ND Adhesive – ND	NR
CCA-100-11-01	11	Drywall and joint compound	Walls ceilings throughout	Drywall – ND JC – ND	Drywall – NA ² JC – NA ²	NR
CCA-100-11-02	11	Drywall and joint compound	Walls ceilings throughout	Drywall – ND JC – ND	Drywall – NA ² JC – NA ²	NR
CCA-100-11-03	11	Drywall and joint compound	Walls ceilings throughout	Drywall – ND JC – ND	Drywall – NA ² JC – NA ²	NR
CCA-100-11-04	11	Drywall and joint compound	Walls ceilings throughout	Drywall – ND JC – ND	Drywall – NA ² JC – NA ²	NR
CCA-100-11-05	11	Drywall and joint compound	Walls ceilings throughout	Drywall – ND JC – ND	Drywall – NA ² JC – NA ²	NR
CCA-100-11-06	11	Drywall and joint compound	Walls ceilings throughout	Drywall – ND JC – ND Texture – ND	Drywall – NA ² JC – NA ² Texture – NA ²	NR
CCA-100-11-07	11	Drywall and joint compound	Walls ceilings throughout	Drywall – ND JC – ND Texture – ND	Drywall – NA ² JC – NA ² Texture – NA ²	NR
CCA-100-12-01	12	Masonite wall paneling, grey marble pattern, w/tan adhesive	Restrooms lower walls	Masonite – ND Adhesive – ND Compound – ND	Masonite – ND Adhesive – ND Compound – NA ²	NR

**Table 2. Asbestos Sample Results
Suite 100**

Sample ID	HA	Material Description	Material Location	Result PLM ¹	Result TEM ¹	Estimated Quantity
CCA-100-12-02	12	Masonite wall paneling, grey marble pattern, w/tan adhesive	Restrooms lower walls	Masonite – ND Adhesive – ND	Masonite – ND Adhesive – ND	NR
CCA-100-12-03	12	Masonite wall paneling, grey marble pattern, w/tan adhesive	Restrooms lower walls	Masonite – ND Adhesive – ND	Masonite – ND Adhesive – insuff	NR
CCA-100-13-01	13	Vinyl sheet flooring, pink w/blue flecks	Janitor room in men's restroom	VSF – ND Black Mastic – ND	VSF – ND Black Mastic – insuff	NR
CCA-100-13-02	13	Vinyl sheet flooring, pink w/blue flecks	Janitor room in men's restroom	VSF/Mastic – ND	VSF/Mastic – ND	NR
CCA-100-13-03	13	Vinyl sheet flooring, pink w/blue flecks	Janitor room in men's restroom	VSF/Mastic – ND	VSF/Mastic – ND	NR
CCA-100-14-01	14	2" ceramic floor tile, grey, w/grout and mortar	Men's restroom shower	CFT – ND Mortar– ND Grout – ND Felt – ND	CFT – NA Mortar– ND Grout – NA ² Felt – NA	NR
CCA-100-14-02	14	2" ceramic floor tile, grey, w/grout and mortar	Men's restroom shower	CFT – ND Mortar– ND Grout – ND Felt – ND	CFT – NA Mortar– insuff Grout – insuff Felt – NA ²	NR
CCA-100-14-03	14	2" ceramic floor tile, grey, w/grout and mortar	Men's restroom shower	CFT – ND Mortar– ND Grout – ND Felt – ND	CFT – NA Mortar– insuff Grout – insuff Felt – NA ²	NR
CCA-100-15-01	15	4" ceramic wall tile, tan, w/grout and mortar	Men's restroom shower	CWT – ND Mortar– ND Grout – ND Adhesive - ND	CWT – NA Mortar– insuff Grout – insuff Adhesive – insuff	NR

**Table 2. Asbestos Sample Results
Suite 100**

Sample ID	HA	Material Description	Material Location	Result PLM ¹	Result TEM ¹	Estimated Quantity
CCA-100-15-02	15	4" ceramic wall tile, tan, w/grout and mortar	Men's restroom shower	CWT – ND Mortar– ND Grout – ND Adhesive - NS	CWT – NA Mortar– insuff Grout – insuff	NR
CCA-100-15-03	15	4" ceramic wall tile, tan, w/grout and mortar	Men's restroom shower	CWT – ND Mortar– ND Grout – ND Adhesive - ND	CWT – NA Mortar– ND Grout – ND Adhesive - ND	NR
CCA-100-16-01	16	Drywall texture, heavy splatter	West end hallway and classes	Texture – ND	Texture – ND	NR
CCA-100-16-02	16	Drywall texture, heavy splatter	West end hallway and classes	Texture – ND	Texture – ND	NR
CCA-100-16-03	16	Drywall texture, heavy splatter	West end hallway and classes	Texture – ND	Texture – ND	NR
CCA-100-17-01	17	2' x 4', acoustical ceiling panels	Lay-in ceiling throughout	Panel – ND	Panel – NA ²	NR
CCA-100-17-02	17	2' x 4', acoustical ceiling panels	Lay-in ceiling throughout	Panel – ND	Panel – NA ²	NR
CCA-100-17-03	17	2' x 4', acoustical ceiling panels	Lay-in ceiling throughout	Panel – ND	Panel – NA ²	NR
CCA-100-18-01	18	7", vinyl cove base, grey w/beige adhesive	Front office, various classrooms	VCB – ND Adhesive – ND	VCB – ND Adhesive – insuff	NR
CCA-100-18-02	18	7", vinyl cove base, grey w/beige adhesive	Front office, various classrooms	VCB – ND Adhesive – ND	VCB – ND Adhesive – insuff	NR
CCA-100-18-03	18	7", vinyl cove base, grey w/beige adhesive	Front office, various classrooms	VCB – ND Adhesive – ND	VCB – ND Adhesive – insuff	NR
CCA-100-19-01	19	Leveling compound, white	Various areas under carpet & vinyl flooring	Compound – 0.25% Chrys ³	Compound – NA	NR
CCA-100-19-02	19	Leveling compound, white	Various areas under carpet & vinyl flooring	Positive stop	Compound – NA	NR
CCA-100-20-01	20	Exterior wall texture	Exterior concrete walls	Texture – ND	Texture – ND	NR

**Table 2. Asbestos Sample Results
Suite 100**

Sample ID	HA	Material Description	Material Location	Result PLM ¹	Result TEM ¹	Estimated Quantity
CCA-100-20-02	20	Exterior wall texture	Exterior concrete walls	Texture – ND	Texture – ND	NR
CCA-100-20-03	20	Exterior wall texture	Exterior concrete walls	Texture – ND	Texture – ND	NR
Assumed	21	Fire doors (approximately 25)	Throughout	Assumed	Assumed	25 Doors

Notes:

Bold result indicates asbestos was detected.

¹ Result includes all analyzed layers unless otherwise specified.

² Flammables/friables were not analyzed by non-friable organically bound TEM.

³ EPA defines ACM as greater than 1% asbestos. These materials contain <1% asbestos; therefore, the materials are not regulated for disposal purposes. However, the materials do contain asbestos, so if the materials are disturbed, OSHA regulations must be followed, and personal protective equipment

"	Inch	Insuff	Insufficient
CFT	Ceramic floor tile	JC	Joint compound
Chrys	Chrysotile asbestos	NA	Not analyzed
CWT	Ceramic wall tile	TEM	Transmission electron microscopy
HA	Homogenous area	VCB	Vinyl cove base
'	Foot	VFT	Vinyl floor tile
ID	Identification	VSF	Vinyl sheet flooring

RECOMMENDATIONS

The following findings and recommendations are based on observations during the survey and analytical results from samples collected at the site.

Of the 83 samples of suspected ACM collected from Suite 101, 1 sample contained trace (less than 1 percent) asbestos and 18 samples were found to contain greater than 1 percent (ACBM) asbestos by laboratory analysis or assumed positive based on positive stop direction.

ACBM identified were 12-inch vinyl floor tile and associated black floor mastic, vinyl sheet flooring, exposed black floor mastic with carpet adhesive, and joint compound. Trace asbestos was identified in exterior stone mortar.

- Approximately 1,150 square feet of 12-inch vinyl floor tile and associated black mastic is located within the reception area, maintenance shop, and offices adjacent to the reception area. Approximately 100 square feet of tan floor tile and approximately 500 square feet of tan splotch floor tile tested positive for asbestos. These ACM floor tiles are intermingled with other similar-appearing non-ACM floor tiles. In addition, ACM and non-ACM black floor mastic identified is associated with the vinyl floor tiles in random distribution. Because of the commingled nature of the floor tiles and random distribution of associated black mastic, all 1,150 square feet of 12-inch vinyl floor tile and mastic should be considered ACM. The floor tiles contain 2 percent chrysotile asbestos, and the black mastic contains 3 percent chrysotile asbestos. Positive materials are represented by samples CCA-VFT-1, -2, and -3; CCA-VFT3-1, -2, and -3; and CCA-VFT4-1, -2, and -3. The materials are currently in good condition and non-friable. The floor tile and mastic should be removed by a licensed abatement contractor before renovation work is planned and the materials are disturbed. The waste removed must be transported to a disposal site able to accept non-friable (Category I) ACM.
- Approximately 900 square feet of exposed black floor mastic with yellow carpet adhesive is located within the reception area (west side), the manager's offices, and the customer pick-up area. The black mastic contains 4 percent chrysotile asbestos and is represented by samples CCA-CABM-1, -2, and -3. The mastic is non-friable (Category II) and in fair condition. The ACM floor mastic should be removed by a licensed abatement contractor to reduce further material degradation, or temporarily covered with protective flooring materials to reduce material degradation until abatement can be achieved. The removed waste should be disposed of as non-friable (Category II) ACM.
- Approximately 175 square feet of white vinyl sheet flooring is located within the two center single restrooms and water heater room. The vinyl sheet flooring contains 8 percent chrysotile asbestos and is represented by samples CCA-VSF2-1, -2, and -3. The vinyl sheet flooring is in good condition and currently non-friable. The vinyl sheet flooring should be removed by a licensed abatement contractor if renovation work will disturb the materials. If removed intact, the removed waste can be disposed of as non-friable (Category I) ACM. If the material is not removed intact, then it must be disposed of as friable (regulated ACM).

- Approximately 2,100 square feet of joint compound in drywall wall system is located in the reception area and reception area offices. The joint compound contains 2 percent chrysotile asbestos and is represented by samples CCA-DWJC-1, -2, and -3. The joint compound is in good condition and non-friable. The drywall wall system should be removed by a licensed abatement contractor if renovation work will disturb the material. The removed waste can be disposed of as non-friable (Category II) ACM.
- Trace asbestos was identified in brown/gray stone mortar on the exterior of the building. The material is in good condition and represented by sample CCA-SM-1. Although not regulated by the National Emissions Standards for Hazardous Air Pollutants (NESHAP), worker safety precautions as outlined in 29 *Code of Federal Regulations* 1926.1101 (i.e., wet methods, worker awareness training, etc.) should be employed during any disturbance of these materials.

Of the 62 samples of suspected ACM collected from Suite 100, 6 samples were found to contain greater than 1 percent (ACBM) asbestos by laboratory analysis or assumed positive based on positive stop direction.

ACBM identified were black floor mastic, and remnant black floor mastic.

- Approximately 3,400 square feet of black mastic and remnant black floor mastic is located under the carpeting and floor tile in the west classrooms and hallways of Suite 100. The floor tile, carpeting, and mastic should be removed by a licensed abatement contractor before renovation work is planned and the materials are disturbed. The waste removed must be transported to a disposal site able to accept non-friable (Category I) ACM.
- In addition, 25 fire doors were assumed to contain asbestos throughout suite 100. The fire doors should be removed by a licensed abatement contractor before renovation work is planned and the materials are disturbed. The waste removed must be transported to a disposal site able to accept non-friable (Category II) ACM. **Note: the assumed ACM is typically contained inside the core of the door, if the door is damaged the material should be treated as friable.**

DEVIATIONS AND LIMITATIONS

Deviations to NESHAPS or AHERA regulatory protocols were not encountered during this inspection.

This survey was conducted in accordance with industry standard practice consistent with the level and skill ordinarily exercised by members of the profession currently practicing under similar conditions. The data evaluation and assessment stated herein constitute a professional opinion; no other warranty is expressed or implied. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document, the findings, conclusions, or recommendations is at the risk of said user. This survey report does not warrant against future operations or conditions that may not be consistent with its recommendations. Moreover, this survey does not guarantee identification of all asbestos—these materials may be present in inaccessible areas.

Thank you for the opportunity to support you on this project. Should you have any questions, please contact me at (916) 853-4556 or carolyn.hunter@tetrattech.com.

Sincerely,



Carolyn Hunter
Program Manager
Tetra Tech, Inc.

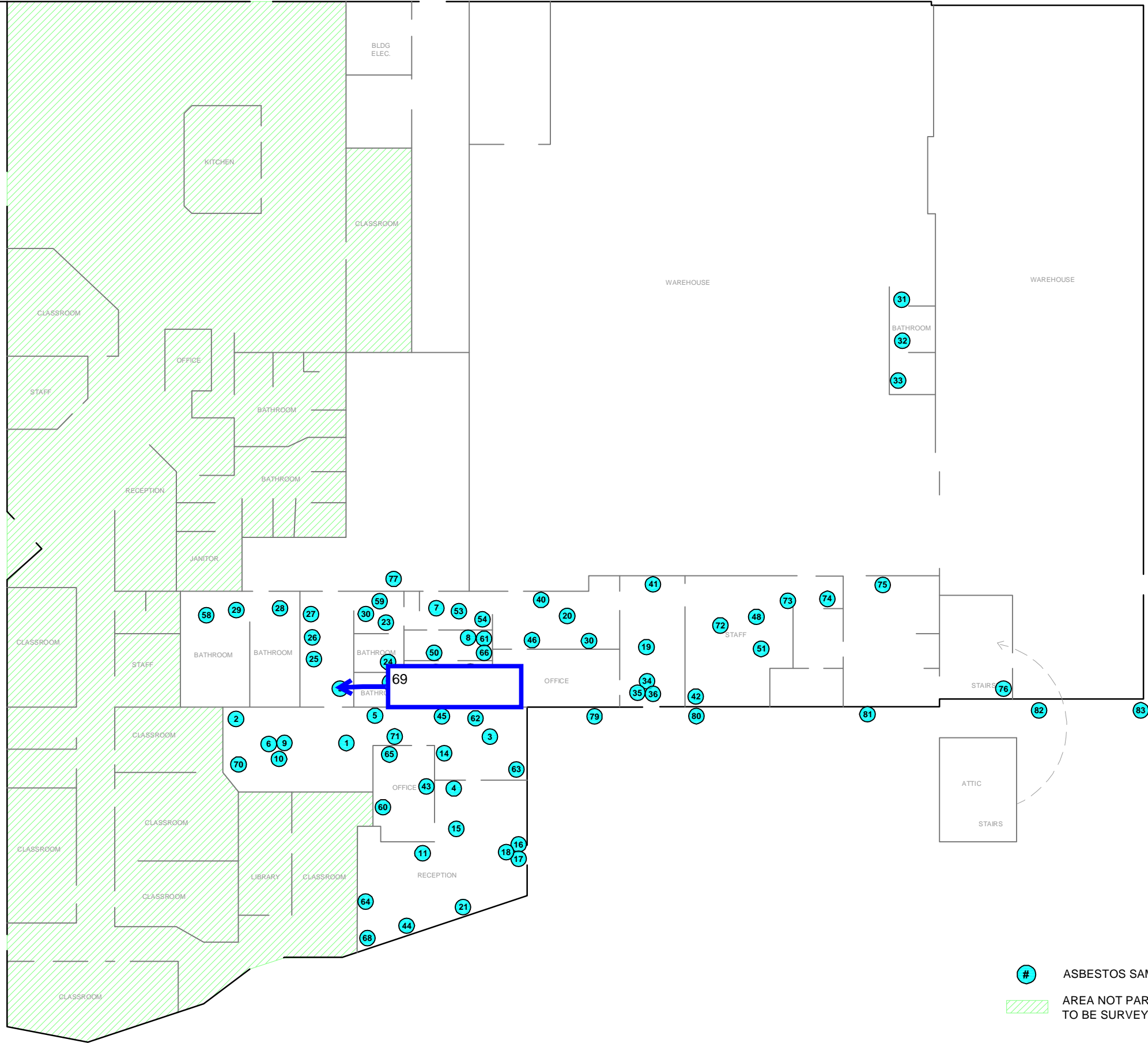
Attachments:

- | | |
|---|---------------------------------|
| A | Figures |
| B | Photo Documentation |
| C | Laboratory Reports: PLM and TEM |
| D | Inspector Certification |

Attachment A

Figures

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ACM Sample Key Table	
Key	Sample No.
1	CCA-VFT-1
2	CCA-VFT-2
3	CCA-VFT-3
4	CCA-VFT2-1
5	CCA-VFT2-2
6	CCA-VFT2-3
7	CCA-VFT3-1
8	CCA-VFT3-2
9	CCA-VFT3-3
10	CCA-VFT4-1
11	CCA-VFT4-2
12	CCA-VFT4-3
13	CCA-CA-1
14	CCA-CA-2
15	CCA-CA-3
16	CCA-VSF-1
17	CCA-VSF-2
18	CCA-VSF-3
19	CCA-CABM-1
20	CCA-CABM-2
21	CCA-CABM-3
22	CCA-VSF2-1
23	CCA-VSF2-2
24	CCA-VSF2-3
25	CCA-VFT5-1
26	CCA-VFT5-2
27	CCA-VFT5-3
28	CCA-VSF3-1
29	CCA-VSF3-2
30	CCA-VSF3-3
31	CCA-VSF4-1
32	CCA-VSF4-2
33	CCA-VSF4-3
34	CCA-VSF5-1
35	CCA-VSF5-2
36	CCA-VSF5-3
37	CCA-LC-1
38	CCA-LC-2
39	CCA-LC-3
40	CCA-CBM-1
41	CCA-CBM-2
42	CCA-CBM-3

ACM Sample Key Table	
Key	Sample No.
43	CCA-CBM2-1
44	CCA-CBM2-2
45	CCA-CBM2-3
46	CCA-CT-1
47	CCA-CT-2
48	CCA-CT-3
49	CCA-CT2-1
50	CCA-CT2-2
51	CCA-CT2-3
52	CCA-CT3-1
53	CCA-CT3-2
54	CCA-CT3-3
55	CCA-CT4-1
56	CCA-CT4-2
57	CCA-CT4-3
58	CCA-WM-1
59	CCA-WM-2
60	CCA-WM-3
61	CCA-DWTY-1
62	CCA-DWTY-2
63	CCA-DWTY-3
64	CCA-DWTY-4
65	CCA-DWTY-5
66	CCA-DWJC-1
67	CCA-DWJC-2
68	CCA-DWJC-3
69	CCA-DWJC2-1
70	CCA-DWJC2-2
71	CCA-DWJC2-3
72	CCA-DWJC3-1
73	CCA-DWJC3-2
74	CCA-DWJC3-3
75	CCA-DWJC3-4
76	CCA-DWJC3-5
77	CCA-SV-1
78	CCA-SM-1
79	CCA-SM-2
80	CCA-SM-3
81	CCA-STU-1
82	CCA-STU-2
83	CCA-STU-3

FIGURE 1
ASBESTOS SAMPLING LOCATIONS

USPS SEATTLE
COLUMBIA CARRIER ANNEX
SEATTLE, WASHINGTON
SUITE 101



TETRA TECH

DATE:
07/16/2018
ANALYST:
dale.vonbusch

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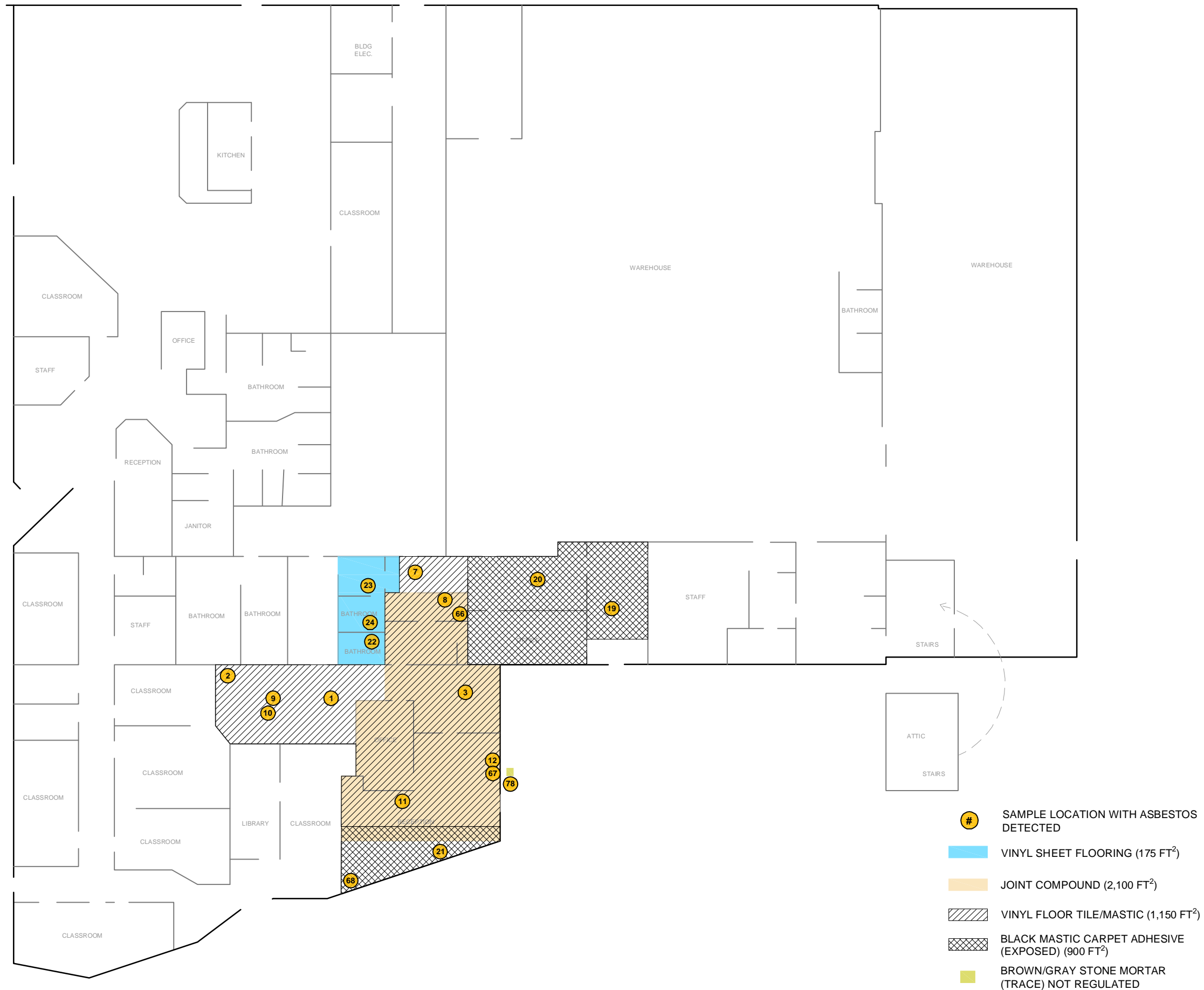
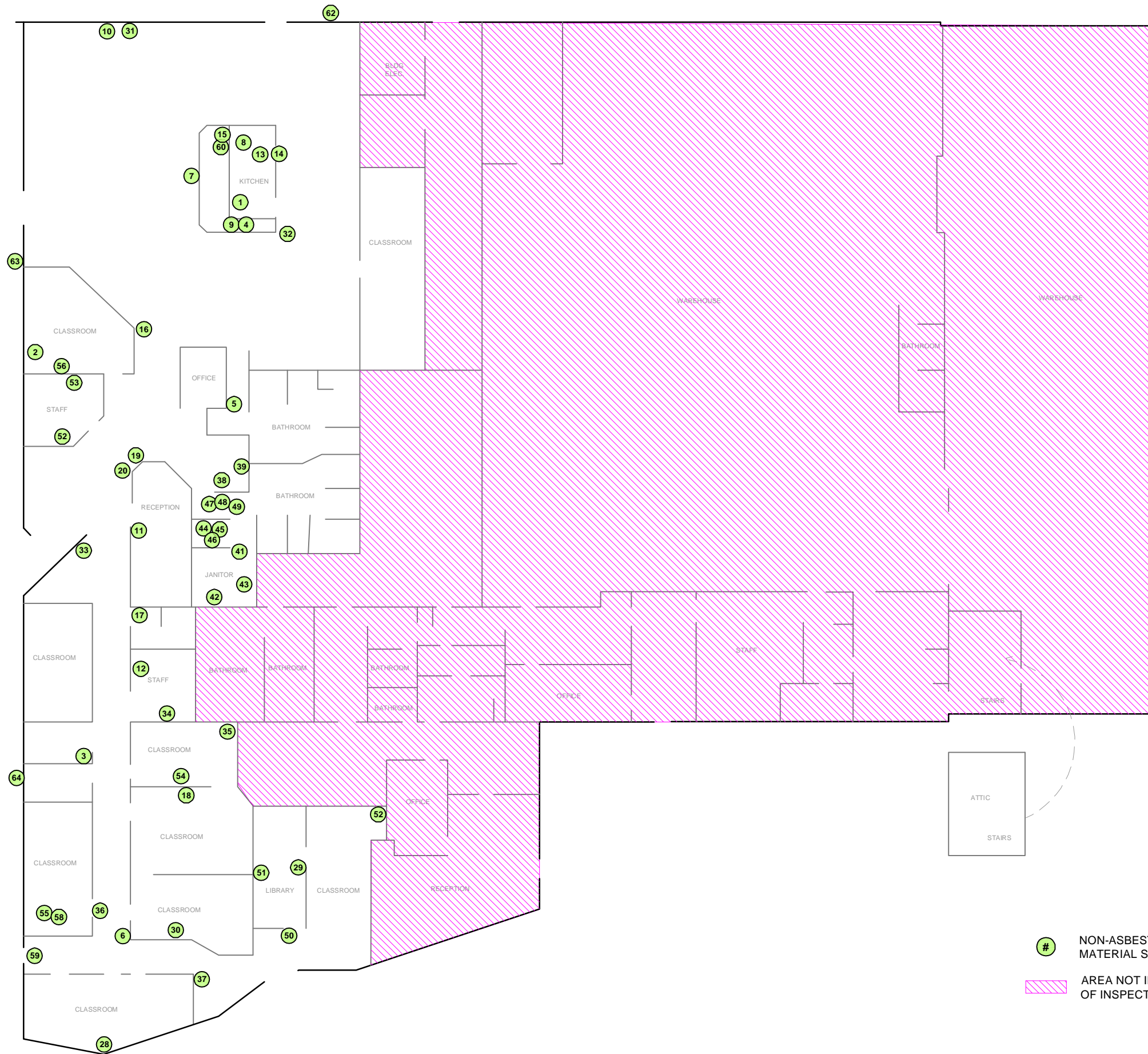


FIGURE 2
EXTENT OF ASBESTOS-CONTAINING MATERIALS

USPS SEATTLE
COLUMBIA CARRIER ANNEX
SEATTLE, WASHINGTON
SUITE 101

TETRA TECH
DATE: 08/08/2018
ANALYST: dale.vonbusch



ACM Sample Key Table	
Key	Sample No.
1	CCA-100-01-01
2	CCA-100-01-02
3	CCA-100-01-03
4	CCA-100-02-01
5	CCA-100-02-02
6	CCA-100-02-03
7	CCA-100-03-01
8	CCA-100-03-02
9	CCA-100-03-03
10	CCA-100-04-01
11	CCA-100-04-02
12	CCA-100-04-03
13	CCA-100-05-01
14	CCA-100-05-02
15	CCA-100-05-03
16	CCA-100-06-01
17	CCA-100-06-02
18	CCA-100-06-03
19	CCA-100-07-01
20	CCA-100-07-02
21	Not used
28	CCA-100-10-01
29	CCA-100-10-02
30	CCA-100-10-03
31	CCA-100-11-01
32	CCA-100-11-02

ACM Sample Key Table	
Key	Sample No.
33	CCA-100-11-03
34	CCA-100-11-04
35	CCA-100-11-05
36	CCA-100-11-06
37	CCA-100-11-07
38	CCA-100-12-01
39	CCA-100-12-02
40	CCA-100-12-03
41	CCA-100-13-01
42	CCA-100-13-02
43	CCA-100-13-03
44	CCA-100-14-01
45	CCA-100-14-02
46	CCA-100-14-03
47	CCA-100-15-01
48	CCA-100-15-02
49	CCA-100-15-03
50	CCA-100-16-01
51	CCA-100-16-02
52	CCA-100-16-03
53	CCA-100-17-01
54	CCA-100-17-02
55	CCA-100-17-03
56	CCA-100-18-01
57	CCA-100-18-02
58	CCA-100-18-03
59	CCA-100-19-01
60	CCA-100-19-02
61	Not used
62	CCA-100-20-01
63	CCA-100-20-02
64	CCA-100-20-03

FIGURE 3
ASBESTOS SAMPLING LOCATIONS

USPS SEATTLE
COLUMBIA CARRIER ANNEX
SUITE 100
SEATTLE, WASHINGTON



DATE:
08/20/2018
ANALYST:
dale.vonbusch



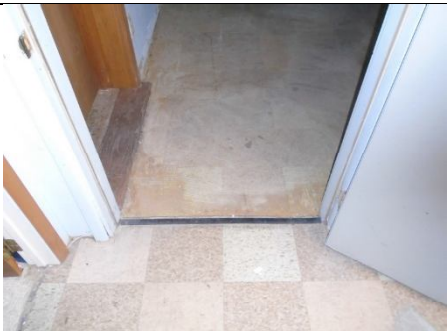

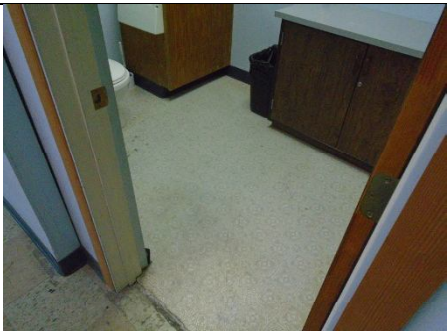

USPS SEATTLE
COLUMBIA CARRIER ANNEX
SUITE 100
SEATTLE, WASHINGTON

 **TETRA TECH**




DATE: 09/20/2018
ANALYST: dale.vonbusch

Attachment B
Photo Documentation



Selected Photographs
Collected by Lona Pearson on July 11, 2018

	
<p>Suite 101 - View of customer entrance for package pick up adjacent to Martin Luther King Boulevard.</p>	<p>Suite 101 - View of asbestos-containing material (ACM) and non-ACM 12-inch vinyl floor tile (VFT through VFT4) located in maintenance/facility office.</p>
	
<p>Suite 101 - View of ACM/non-ACM vinyl floor tile (VFT through VFT4) with and without carpet adhesive.</p>	<p>Suite 101 - View of vinyl sheet flooring (white indent pattern) in reception entry, vinyl floor tile with carpet adhesive, and ACM black mastic with carpet adhesive on concrete.</p>
	
<p>Suite 101 - View of ACM vinyl sheet flooring (VSF2 white/tan pattern) in central restrooms and water heater room.</p>	<p>Suite 101 - View of VFT2 with blue tile accents (VFT5) in maintenance office.</p>

Selected Photographs
Collected by Lona Pearson on July 11, 2018

	
Suite 101 - View of vinyl sheet flooring (VSF3) in men's restroom.	Suite 101 - View of vinyl sheet flooring (VSF4) in warehouse restroom.
	
Suite 101 - View of ACM black mastic with carpet adhesive and brown cove base adhesive.	Suite 101 - A view of ceiling tiles.
	
Suite 101 - View of glue on ceiling tiles.	Suite 101 - View of glue on ceiling tiles above lay-in ceiling tiles.


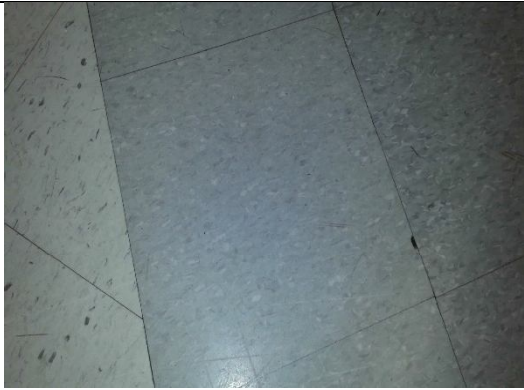
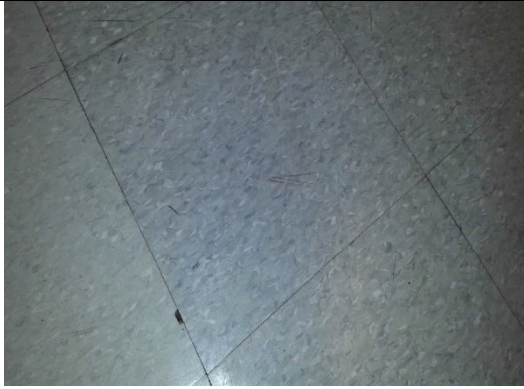



Selected Photographs
Collected by Lona Pearson on July 11, 2018

	
<p>Suite 101 - View of ACM vinyl sheet flooring (VSF2) in water heater room and restroom.</p>	<p>Suite 101 - View of wall mastic.</p>
	
<p>Suite 101 - A view of knockdown drywall texture over drywall wall system with ACM joint compound.</p>	<p>Suite 101 - View of moisture damage on smooth drywall (DWJC2).</p>
	
<p>Suite 101 - View of drywall wall system (DWJC3).</p>	<p>Suite 101 - Suite 101 View of sink undercoating.</p>

Selected Photographs
Collected by Lona Pearson on July 11, 2018

	
<p>Suite 101 - A view of leveling compound on ramp.</p>	<p>Suite 101 - A view of stone mortar with trace asbestos.</p>
	
<p>Suite 101 - A view of warehouse area.</p>	<p>Suite 101 - A view of the break room.</p>
	
<p>Suite 101 - A view of west side of reception area.</p>	<p>Suite 101 - View of exterior stucco wall finish.</p>

Selected Photographs
Collected by Mark Stockwell on August 15, 2018

	
Suite 100 - 12-inch vinyl floor tile, white with grey specks and black mastic.	Suite 100 - 12-inch vinyl floor tile, light grey with white specks and black mastic.
	
Suite 100 - 12-inch vinyl floor tile, grey with white specks, tan, and black mastic.	Suite 100 - 7-inch vinyl cove base, brown with beige adhesive.
	
Suite 100 - 12-inch vinyl floor tile, tan square pattern, clear, and black mastic.	Suite 100 - Vinyl sheet flooring, grey speckled, with grey backing, tan, and black mastic.

Selected Photographs
Collected by Mark Stockwell on August 15, 2018

	
<p>Suite 100 - 12-inch vinyl floor tile, dark blue, with beige mastic.</p>	<p>Suite 100 – Asbestos-containing carpet mastic, tan with black remnant.</p>
	
<p>Suite 100 – Asbestos-containing black floor mastic remnants and floor leveling compound.</p>	<p>Suite 100 – 4-inch vinyl cove base, dark grey, with beige adhesive.</p>
	
<p>Suite 100 - Drywall and joint compound.</p>	<p>Suite 100 - Masonite wall paneling, grey marble pattern, with tan adhesive.</p>

Selected Photographs
Collected by Mark Stockwell on August 15, 2018

	
<p>Suite 100 - vinyl floor sheeting, pink with blue flecks.</p>	<p>Suite 100 - 2-inch ceramic floor tile, grey, with grout and mortar.</p>
	
<p>Suite 100 - 4-inch ceramic wall tile, tan, with grout and mortar.</p>	<p>Suite 100 - Drywall texture, heavy splatter.</p>
	
<p>Suite 100 - 2 x 4 foot acoustical ceiling panels.</p>	<p>Suite 100 - 7-inch vinyl cove base, grey with beige adhesive.</p>

Selected Photographs
Collected by Mark Stockwell on August 15, 2018



Suite 100 exterior - wall texture.

Attachment C
Laboratory Reports: PLM and TEM



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091815295

Customer ID: TETE77

Customer PO:

Project ID:

Attention: Lona Pearson
Tetra Tech
2969 Prospect Park Drive
Suite 100
Rancho Cordova, CA 95670

Project: USPS CCA 103G3817119

Phone: (916) 853-4557

Fax: (916) 853-4550

Received Date: 07/12/2018 9:30 AM

Analysis Date: 07/15/2018 - 07/16/2018

Collected Date: 07/10/2018

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-VFT-1-Vinyl Floor Tile <i>091815295-0001</i>	RECEPTION AREA & OFFICES-12" TAN VINYL FLOOR TILE W/ MASTIC	Tan Non-Fibrous Homogeneous		50% Ca Carbonate 48% Non-fibrous (Other)	2% Chrysotile
CCA-VFT-1-Mastic <i>091815295-0001A</i>	RECEPTION AREA & OFFICES-12" TAN VINYL FLOOR TILE W/ MASTIC	Black Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-VFT-2 <i>091815295-0002</i>	RECEPTION AREA & OFFICES-12" TAN VINYL FLOOR TILE W/ MASTIC				Positive Stop (Not Analyzed)
CCA-VFT-3 <i>091815295-0003</i>	RECEPTION AREA & OFFICES-12" TAN VINYL FLOOR TILE W/ MASTIC				Positive Stop (Not Analyzed)
CCA-VFT2-1-Vinyl Floor Tile <i>091815295-0004</i>	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Beige Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-VFT2-1-Mastic <i>091815295-0004A</i>	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Black Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-VFT2-1-Mastic 2 <i>091815295-0004B</i>	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Yellow Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-VFT2-2-Vinyl Floor Tile <i>091815295-0005</i>	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Beige Non-Fibrous Homogeneous		45% Ca Carbonate 55% Non-fibrous (Other)	None Detected
CCA-VFT2-2-Mastic <i>091815295-0005A</i>	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Black Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-VFT2-3-Vinyl Floor Tile <i>091815295-0006</i>	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Beige Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-VFT2-3-Mastic <i>091815295-0006A</i>	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Brown/Black Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
CCA-VFT3-1-Vinyl Floor Tile <i>091815295-0007</i>	RECEPTION AREA & OFFICES-12" TAN SPLOTCH VINYL FLOORTILE W/ MASTIC	Tan/Beige Non-Fibrous Homogeneous		45% Ca Carbonate 55% Non-fibrous (Other)	None Detected

Initial report from: 07/16/2018 12:09:57



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091815295

Customer ID: TETE77

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	% Fibrous	Non-Asbestos	Asbestos
				% Non-Fibrous	% Type
CCA-VFT3-1-Mastic 091815295-0007A	RECEPTION AREA & OFFICES-12" TAN SPLOTCH VINYL FLOORTILE W/ MASTIC	Black Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-VFT3-2-Vinyl Floor Tile 091815295-0008	RECEPTION AREA & OFFICES-12" TAN SPLOTCH VINYL FLOORTILE W/ MASTIC	Tan/Beige Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-VFT3-2-Mastic 091815295-0008A	RECEPTION AREA & OFFICES-12" TAN SPLOTCH VINYL FLOORTILE W/ MASTIC	Black Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-VFT3-3-Vinyl Floor Tile 091815295-0009	RECEPTION AREA & OFFICES-12" TAN SPLOTCH VINYL FLOORTILE W/ MASTIC	Tan Non-Fibrous Homogeneous		45% Ca Carbonate 53% Non-fibrous (Other)	2% Chrysotile
CCA-VFT3-3-Mastic 091815295-0009A	RECEPTION AREA & OFFICES-12" TAN SPLOTCH VINYL FLOORTILE W/ MASTIC	Brown/Black Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-VFT4-1-Vinyl Floor Tile 091815295-0010	RECEPTION AREA & OFFICES-12" BEIGE SPLOTCH VINYL FLOOR TILE W/ MASTIC	Beige Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-VFT4-1-Mastic 091815295-0010A	RECEPTION AREA & OFFICES-12" BEIGE SPLOTCH VINYL FLOOR TILE W/ MASTIC	Brown/Tan/Black Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
Result includes a small amount of inseparable attached material					
CCA-VFT4-2-Vinyl Floor Tile 091815295-0011	RECEPTION AREA & OFFICES-12" BEIGE SPLOTCH VINYL FLOOR TILE W/ MASTIC	Beige Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-VFT4-2-Mastic 091815295-0011A	RECEPTION AREA & OFFICES-12" BEIGE SPLOTCH VINYL FLOOR TILE W/ MASTIC	Black Non-Fibrous Homogeneous		65% Matrix 32% Non-fibrous (Other)	3% Chrysotile
CCA-VFT4-3 091815295-0012	RECEPTION AREA & OFFICES-12" BEIGE SPLOTCH VINYL FLOOR TILE W/ MASTIC				Positive Stop (Not Analyzed)
CCA-CA-1 091815295-0013	RECEPTION AREA & OFFICES-TAN/YELL OW CARPET ADHESIVE	Tan/Yellow Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
CCA-CA-2 091815295-0014	RECEPTION AREA & OFFICES-TAN/YELL OW CARPET ADHESIVE	Tan/Yellow Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected

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EMSL Order: 091815295

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	% Fibrous	Non-Asbestos	Asbestos
				% Non-Fibrous	% Type
CCA-CA-3 091815295-0015	RECEPTION AREA & OFFICES-TAN/YELL OW CARPET ADHESIVE	Tan/Yellow Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
CCA-VSF-1-VSF 091815295-0016	RECEPTION ENTRY-VINYL SHEET FLOOR WHITE INDENT PATTERN	Gray/White Fibrous Homogeneous	15% Cellulose	30% Ca Carbonate 55% Non-fibrous (Other)	None Detected
<i>This is a composite result of both vinyl and backing layer</i>					
CCA-VSF-1-Mastic 091815295-0016A	RECEPTION ENTRY-VINYL SHEET FLOOR WHITE INDENT PATTERN	Tan Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-VSF-2-VSF 091815295-0017	RECEPTION ENTRY-VINYL SHEET FLOOR WHITE INDENT PATTERN	Gray/White Fibrous Homogeneous	15% Cellulose	30% Ca Carbonate 55% Non-fibrous (Other)	None Detected
<i>This is a composite result of both vinyl and backing layer</i>					
CCA-VSF-2-Mastic 091815295-0017A	RECEPTION ENTRY-VINYL SHEET FLOOR WHITE INDENT PATTERN	Tan Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-VSF-3 091815295-0018	RECEPTION ENTRY-VINYL SHEET FLOOR WHITE INDENT PATTERN	Gray/White Fibrous Homogeneous	15% Cellulose	30% Ca Carbonate 55% Non-fibrous (Other)	None Detected
<i>This is a composite result of both vinyl and backing layer</i>					
CCA-CABM-1-Adhesive 091815295-0019	RECEPTION, MANAGERS OFFICE, HALL, CUSTOMER ENTRY-CARPET ADHESIVE & BLACK MASTIC	Yellow Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-CABM-1-Mastic 091815295-0019A	RECEPTION, MANAGERS OFFICE, HALL, CUSTOMER ENTRY-CARPET ADHESIVE & BLACK MASTIC	Black Non-Fibrous Homogeneous		70% Matrix 26% Non-fibrous (Other)	4% Chrysotile
CCA-CABM-2 091815295-0020	RECEPTION, MANAGERS OFFICE, HALL, CUSTOMER ENTRY-CARPET ADHESIVE & BLACK MASTIC				Positive Stop (Not Analyzed)
CCA-CABM-3 091815295-0021	RECEPTION, MANAGERS OFFICE, HALL, CUSTOMER ENTRY-CARPET ADHESIVE & BLACK MASTIC				Positive Stop (Not Analyzed)

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-VSF2-1-VSF 091815295-0022	CENTRAL RRS & WH ROOM-VINYL SHEET FLOORING WHITE/TAN PATTERN	White/Beige Fibrous Homogeneous	10% Cellulose	30% Ca Carbonate 52% Non-fibrous (Other)	8% Chrysotile
<i>This is a composite result of both vinyl and backing layer</i>					
CCA-VSF2-1-Leveler 091815295-0022A	CENTRAL RRS & WH ROOM-VINYL SHEET FLOORING WHITE/TAN PATTERN	Gray Non-Fibrous Homogeneous		40% Ca Carbonate 60% Non-fibrous (Other)	None Detected
CCA-VSF2-2 091815295-0023	CENTRAL RRS & WH ROOM-VINYL SHEET FLOORING WHITE/TAN PATTERN				Positive Stop (Not Analyzed)
CCA-VSF2-3 091815295-0024	CENTRAL RRS & WH ROOM-VINYL SHEET FLOORING WHITE/TAN PATTERN				Positive Stop (Not Analyzed)
CCA-VFT5-1 091815295-0025	FACILITY OFFICE-VINYL FLOOR TILE BLUE ACCENTS	Blue Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-VFT5-2 091815295-0026	FACILITY OFFICE-VINYL FLOOR TILE BLUE ACCENTS	Blue Non-Fibrous Homogeneous		45% Ca Carbonate 55% Non-fibrous (Other)	None Detected
CCA-VFT5-3 091815295-0027	FACILITY OFFICE-VINYL FLOOR TILE BLUE ACCENTS	Blue Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-VSF3-1 091815295-0028	MENS RR & UNDER WH-VINYL SHEET FLOORING PINK PEBBLE	Pink Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-VSF3-2 091815295-0029	MENS RR & UNDER WH-VINYL SHEET FLOORING PINK PEBBLE	Pink Non-Fibrous Homogeneous		45% Ca Carbonate 55% Non-fibrous (Other)	None Detected
CCA-VSF3-3 091815295-0030	MENS RR & UNDER WH-VINYL SHEET FLOORING PINK PEBBLE	Pink Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-VSF4-1-VSF 091815295-0031	WAREHOUSE RR-VINYL SHEET FLOORING GRAY PEBBLE	Gray Fibrous Homogeneous	15% Cellulose	35% Ca Carbonate 50% Non-fibrous (Other)	None Detected
<i>This is a composite result of both vinyl and backing layer</i>					
CCA-VSF4-1-Mastic 091815295-0031A	WAREHOUSE RR-VINYL SHEET FLOORING GRAY PEBBLE	Black/Yellow Non-Fibrous Homogeneous	4% Cellulose	65% Matrix 31% Non-fibrous (Other)	None Detected
<i>Result includes a small amount of inseparable attached material</i>					
CCA-VSF4-2-VSF 091815295-0032	WAREHOUSE RR-VINYL SHEET FLOORING GRAY PEBBLE	Gray Fibrous Homogeneous	15% Cellulose	30% Ca Carbonate 55% Non-fibrous (Other)	None Detected

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			Non-Asbestos	Asbestos	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
This is a composite result of both vinyl and backing layer					
CCA-VSF4-2-Mastic	WAREHOUSE RR-VINYL SHEET	Tan/Black Non-Fibrous	5% Cellulose	50% Matrix 45% Non-fibrous (Other)	None Detected
091815295-0032A	FLOORING GRAY PEBBLE	Homogeneous			
Result includes a small amount of inseparable attached material					
CCA-VSF4-3-VSF	WAREHOUSE RR-VINYL SHEET	Gray Fibrous	15% Cellulose	30% Ca Carbonate 55% Non-fibrous (Other)	None Detected
091815295-0033	FLOORING GRAY PEBBLE	Homogeneous			
This is a composite result of both vinyl and backing layer					
CCA-VSF4-3-Mastic	WAREHOUSE RR-VINYL SHEET	Tan/Black Non-Fibrous	4% Cellulose	50% Matrix 46% Non-fibrous (Other)	None Detected
091815295-0033A	FLOORING GRAY PEBBLE	Homogeneous			
Result includes a small amount of inseparable attached material					
CCA-VSF5-1	CUSTOMER ENTRY-BLACK	Black Non-Fibrous	<1% Fibrous (Other)	50% Matrix 50% Non-fibrous (Other)	None Detected
091815295-0034	TRUNCATED FLOORING	Homogeneous			
CCA-VSF5-2	CUSTOMER ENTRY-BLACK	Black Non-Fibrous	<1% Fibrous (Other)	50% Matrix 50% Non-fibrous (Other)	None Detected
091815295-0035	TRUNCATED FLOORING	Homogeneous			
CCA-VSF5-3	CUSTOMER ENTRY-BLACK	Black Non-Fibrous	<1% Fibrous (Other)	50% Matrix 50% Non-fibrous (Other)	None Detected
091815295-0036	TRUNCATED FLOORING	Homogeneous			
CCA-LC-1	RAMP NEAR CUST ENTRY-LEVELING	Gray/White Non-Fibrous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
091815295-0037	COMPOUND	Homogeneous			
CCA-LC-2	RAMP NEAR CUST ENTRY-LEVELING	White Non-Fibrous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
091815295-0038	COMPOUND	Homogeneous			
CCA-LC-3	RAMP NEAR CUST ENTRY-LEVELING	White Non-Fibrous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
091815295-0039	COMPOUND	Homogeneous			
CCA-CBM-1	THROUGHT-BROWN BASE MASTIC	Brown Non-Fibrous		70% Matrix 30% Non-fibrous (Other)	None Detected
091815295-0040		Homogeneous			
CCA-CBM-2	THROUGHT-BROWN BASE MASTIC	Brown Non-Fibrous		70% Matrix 30% Non-fibrous (Other)	None Detected
091815295-0041		Homogeneous			
CCA-CBM-3	THROUGHT-BROWN BASE MASTIC	Brown Non-Fibrous		70% Matrix 30% Non-fibrous (Other)	None Detected
091815295-0042		Homogeneous			
CCA-CBM2-1	RECEPTION, MEZZANINE	Tan Non-Fibrous		40% Ca Carbonate 30% Matrix 30% Non-fibrous (Other)	None Detected
091815295-0043	AREA-CREAM BASE MASTIC	Homogeneous			
CCA-CBM2-2	RECEPTION, MEZZANINE	Tan Non-Fibrous		45% Ca Carbonate 35% Matrix 20% Non-fibrous (Other)	None Detected
091815295-0044	AREA-CREAM BASE MASTIC	Homogeneous			
CCA-CBM2-3	RECEPTION, MEZZANINE	Tan Non-Fibrous		40% Ca Carbonate 30% Matrix 30% Non-fibrous (Other)	None Detected
091815295-0045	AREA-CREAM BASE MASTIC	Homogeneous			

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-CT-1 091815295-0046	THROUGHOUT-2'X4' CEILING TILE PINS & WORMS	White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
CCA-CT-2 091815295-0047	THROUGHOUT-2'X4' CEILING TILE PINS & WORMS	White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
CCA-CT-3 091815295-0048	THROUGHOUT-2'X4' CEILING TILE PINS & WORMS	White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
CCA-CT2-1 091815295-0049	THROUGHOUT-2'X4' CEILING TILE PINS + HOLES	White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
CCA-CT2-2 091815295-0050	THROUGHOUT-2'X4' CEILING TILE PINS + HOLES	White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
CCA-CT2-3 091815295-0051	THROUGHOUT-2'X4' CEILING TILE PINS + HOLES	White Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
CCA-CT3-1-Ceiling Tile 091815295-0052	OFFICE & HALL BETWEEN BREAK ROOM & RECEPTION-12"X12" CEILING TILE W/ GLUE BROWN	White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
CCA-CT3-1-Glue 091815295-0052A	OFFICE & HALL BETWEEN BREAK ROOM & RECEPTION-12"X12" CEILING TILE W/ GLUE BROWN	Brown Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-CT3-2-Ceiling Tile 091815295-0053	OFFICE & HALL BETWEEN BREAK ROOM & RECEPTION-12"X12" CEILING TILE W/ GLUE BROWN	White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
CCA-CT3-2-Glue 091815295-0053A	OFFICE & HALL BETWEEN BREAK ROOM & RECEPTION-12"X12" CEILING TILE W/ GLUE BROWN	Brown Non-Fibrous Homogeneous		65% Matrix 35% Non-fibrous (Other)	None Detected
CCA-CT3-3-Ceiling Tile 091815295-0054	OFFICE & HALL BETWEEN BREAK ROOM & RECEPTION-12"X12" CEILING TILE W/ GLUE BROWN	White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
CCA-CT3-3-Glue 091815295-0054A	OFFICE & HALL BETWEEN BREAK ROOM & RECEPTION-12"X12" CEILING TILE W/ GLUE BROWN	Brown Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
CCA-CT4-1 091815295-0055	OFFICE BETWEEN BREAK ROOM & RECEPTION (LOWER LAGER) -2'X4' CEILING TILE PINS & FISSURES	White Fibrous Homogeneous	75% Cellulose 10% Min. Wool	15% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-CT4-2 091815295-0056	OFFICE BETWEEN BREAK ROOM & RECEPTION (LOWER LAGER) -2'X4' CEILING TILE PINS & FISSURES	White Fibrous Homogeneous	80% Cellulose 10% Min. Wool	10% Non-fibrous (Other)	None Detected
CCA-CT4-3 091815295-0057	OFFICE BETWEEN BREAK ROOM & RECEPTION (LOWER LAGER) -2'X4' CEILING TILE PINS & FISSURES	White Fibrous Homogeneous	80% Cellulose 8% Min. Wool	12% Non-fibrous (Other)	None Detected
CCA-WM-1 091815295-0058	WH RM, RR, RECEPTION-WALL MASTIC	Yellow Non-Fibrous Homogeneous	2% Cellulose	70% Matrix 28% Non-fibrous (Other)	None Detected
CCA-WM-2 091815295-0059	WH RM, RR, RECEPTION-WALL MASTIC	Brown/Yellow Non-Fibrous Homogeneous	5% Cellulose	70% Matrix 25% Non-fibrous (Other)	None Detected
CCA-WM-3 091815295-0060	WH RM, RR, RECEPTION-WALL MASTIC	Brown/Yellow Non-Fibrous Homogeneous	4% Cellulose	60% Matrix 36% Non-fibrous (Other)	None Detected
CCA-DWTX-1 091815295-0061	RECEPTION OFFICE-DRYWALL TEXTURE, HEAVY KNOCKDOWN	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
CCA-DWTX-2 091815295-0062	RECEPTION OFFICE-DRYWALL TEXTURE, HEAVY KNOCKDOWN	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
CCA-DWTX-3 091815295-0063	RECEPTION OFFICE-DRYWALL TEXTURE, HEAVY KNOCKDOWN	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
CCA-DWTX-4 091815295-0064	RECEPTION OFFICE-DRYWALL TEXTURE, HEAVY KNOCKDOWN	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
CCA-DWTX-5 091815295-0065	RECEPTION OFFICE-DRYWALL TEXTURE, HEAVY KNOCKDOWN	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
CCA-DWJC-1-Drywall 091815295-0066	RECEPTION OFFICE-DRYWALL & JOINT COMPOUND (TEXTURED)	Peach Non-Fibrous Homogeneous	<1% Cellulose	70% Gypsum 30% Non-fibrous (Other)	None Detected
CCA-DWJC-1-Joint Compound 091815295-0066A	RECEPTION OFFICE-DRYWALL & JOINT COMPOUND (TEXTURED)	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-DWJC-1-Texture 091815295-0066B	RECEPTION OFFICE-DRYWALL & JOINT COMPOUND (TEXTURED)	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
CCA-DWJC-2-Drywall 091815295-0067	RECEPTION OFFICE-DRYWALL & JOINT COMPOUND (TEXTURED)	White Non-Fibrous Homogeneous	2% Cellulose	70% Gypsum 28% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
CCA-DWJC-2-Joint Compound <i>091815295-0067A</i>	RECEPTION OFFICE-DRYWALL & JOINT COMPOUND (TEXTURED)	White Non-Fibrous Homogeneous		80% Ca Carbonate 18% Non-fibrous (Other)	2% Chrysotile
CCA-DWJC-2-Texture <i>091815295-0067B</i>	RECEPTION OFFICE-DRYWALL & JOINT COMPOUND (TEXTURED)	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
CCA-DWJC-3 <i>091815295-0068</i>	RECEPTION OFFICE-DRYWALL & JOINT COMPOUND (TEXTURED)				Positive Stop (Not Analyzed)
CCA-DWJC2-1-Drywall <i>091815295-0069</i>	BREAK ROOM, FACILITY ROOMS-DRYWALL & JOINT COMPOUND SMOOTH	White Non-Fibrous Homogeneous	2% Cellulose	70% Gypsum 28% Non-fibrous (Other)	None Detected
CCA-DWJC2-1-Joint Compound <i>091815295-0069A</i>	BREAK ROOM, FACILITY ROOMS-DRYWALL & JOINT COMPOUND SMOOTH	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-DWJC2-2-Drywall <i>091815295-0070</i>	BREAK ROOM, FACILITY ROOMS-DRYWALL & JOINT COMPOUND SMOOTH	White Non-Fibrous Homogeneous	<1% Cellulose	70% Gypsum 30% Non-fibrous (Other)	None Detected
CCA-DWJC2-2-Joint Compound <i>091815295-0070A</i>	BREAK ROOM, FACILITY ROOMS-DRYWALL & JOINT COMPOUND SMOOTH	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-DWJC2-3-Drywall <i>091815295-0071</i>	BREAK ROOM, FACILITY ROOMS-DRYWALL & JOINT COMPOUND SMOOTH	White Non-Fibrous Homogeneous	2% Cellulose	70% Gypsum 28% Non-fibrous (Other)	None Detected
CCA-DWJC2-3-Joint Compound <i>091815295-0071A</i>	BREAK ROOM, FACILITY ROOMS-DRYWALL & JOINT COMPOUND SMOOTH	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-DWJC3-1-Drywall <i>091815295-0072</i>	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White/Pink Non-Fibrous Homogeneous	<1% Cellulose	70% Gypsum 30% Non-fibrous (Other)	None Detected
CCA-DWJC3-1-Joint Compound <i>091815295-0072A</i>	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-DWJC3-1-Paint 091815295-0072B	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	Blue Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-DWJC3-2-Drywall 091815295-0073	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White/Pink Non-Fibrous Homogeneous		70% Gypsum 30% Non-fibrous (Other)	None Detected
CCA-DWJC3-2-Joint Compound 091815295-0073A	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-DWJC3-2-Paint 091815295-0073B	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	Blue Non-Fibrous Homogeneous		65% Matrix 35% Non-fibrous (Other)	None Detected
CCA-DWJC3-3-Drywall 091815295-0074	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White/Pink Non-Fibrous Homogeneous	<1% Cellulose	70% Gypsum 30% Non-fibrous (Other)	None Detected
CCA-DWJC3-3-Joint Compound 091815295-0074A	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-DWJC3-3-Paint 091815295-0074B	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	Blue Non-Fibrous Homogeneous		65% Matrix 35% Non-fibrous (Other)	None Detected
CCA-DWJC3-4-Drywall 091815295-0075	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White/Pink Non-Fibrous Homogeneous	2% Cellulose	70% Gypsum 28% Non-fibrous (Other)	None Detected
CCA-DWJC3-4-Joint Compound 091815295-0075A	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-DWJC3-4-Paint 091815295-0075B	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	Blue Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-DWJC3-5-Drywall 091815295-0076	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White/Pink Non-Fibrous Homogeneous	2% Cellulose	70% Gypsum 28% Non-fibrous (Other)	None Detected
CCA-DWJC3-5-Joint Compound 091815295-0076A	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
CCA-DWJC3-5-Paint <i>091815295-0076B</i>	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	Blue Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-SV-1 <i>091815295-0077</i>	BREAK ROOM-SINK UNDER COATING BLACK	Black Non-Fibrous Homogeneous	4% Cellulose	70% Matrix 26% Non-fibrous (Other)	None Detected
CCA-SM-1 <i>091815295-0078</i>	EXTERIOR WALL (S) -STONE MORTAR	Brown/Gray Non-Fibrous Homogeneous		10% Quartz 60% Ca Carbonate 30% Non-fibrous (Other)	<1% Chrysotile
CCA-SM-2 <i>091815295-0079</i>	EXTERIOR WALL (S) -STONE MORTAR	Gray Non-Fibrous Homogeneous		25% Quartz 50% Ca Carbonate 25% Non-fibrous (Other)	None Detected
CCA-SM-3 <i>091815295-0080</i>	EXTERIOR WALL (S) -STONE MORTAR	Gray Non-Fibrous Homogeneous		25% Quartz 50% Ca Carbonate 25% Non-fibrous (Other)	None Detected
CCA-STU-1 <i>091815295-0081</i>	EXTERIOR WALL (N) -SANDY CONCRETE FINISH	Gray Non-Fibrous Homogeneous		25% Quartz 60% Ca Carbonate 15% Non-fibrous (Other)	None Detected
CCA-STU-2 <i>091815295-0082</i>	EXTERIOR WALL (N) -SANDY CONCRETE FINISH	Gray Non-Fibrous Homogeneous		25% Quartz 65% Ca Carbonate 10% Non-fibrous (Other)	None Detected
CCA-STU-3 <i>091815295-0083</i>	EXTERIOR WALL (N) -SANDY CONCRETE FINISH	Gray Non-Fibrous Homogeneous		20% Quartz 60% Ca Carbonate 20% Non-fibrous (Other)	None Detected

Analyst(s)

Beheshta Ahadi (112)

Matthew Batongbacal
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

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Received Date: 07/12/2018 9:30 AM

Analysis Date: 07/15/2018 - 07/16/2018

Collected Date: 07/10/2018

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-VFT-1-Vinyl Floor Tile <i>091815295-0001</i>	RECEPTION AREA & OFFICES-12" TAN VINYL FLOOR TILE W/ MASTIC	Tan Non-Fibrous Homogeneous		50% Ca Carbonate 48% Non-fibrous (Other)	2% Chrysotile
CCA-VFT-1-Mastic <i>091815295-0001A</i>	RECEPTION AREA & OFFICES-12" TAN VINYL FLOOR TILE W/ MASTIC	Black Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-VFT-2-Vinyl Floor Tile <i>091815295-0002</i>	RECEPTION AREA & OFFICES-12" TAN VINYL FLOOR TILE W/ MASTIC				Positive Stop (Not Analyzed)
CCA-VFT-2-Mastic <i>091815295-0002A</i>	RECEPTION AREA & OFFICES-12" TAN VINYL FLOOR TILE W/ MASTIC	Black Non-Fibrous Homogeneous	2% Cellulose	50% Matrix 48% Non-fibrous (Other)	None Detected
CCA-VFT-3-Vinyl Floor Tile <i>091815295-0003</i>	RECEPTION AREA & OFFICES-12" TAN VINYL FLOOR TILE W/ MASTIC				Positive Stop (Not Analyzed)
CCA-VFT-3-Mastic <i>091815295-0003A</i>	RECEPTION AREA & OFFICES-12" TAN VINYL FLOOR TILE W/ MASTIC	Black Non-Fibrous Homogeneous	3% Cellulose	60% Matrix 37% Non-fibrous (Other)	None Detected
CCA-VFT2-1-Vinyl Floor Tile <i>091815295-0004</i>	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Beige Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-VFT2-1-Mastic <i>091815295-0004A</i>	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Black Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-VFT2-1-Mastic 2 <i>091815295-0004B</i>	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Yellow Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-VFT2-2-Vinyl Floor Tile <i>091815295-0005</i>	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Beige Non-Fibrous Homogeneous		45% Ca Carbonate 55% Non-fibrous (Other)	None Detected
CCA-VFT2-2-Mastic <i>091815295-0005A</i>	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Black Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-VFT2-3-Vinyl Floor Tile <i>091815295-0006</i>	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Beige Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-VFT2-3-Mastic 091815295-0006A	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Brown/Black Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
CCA-VFT3-1-Vinyl Floor Tile 091815295-0007	RECEPTION AREA & OFFICES-12" TAN SPLOTCH VINYL FLOORTILE W/ MASTIC	Tan/Beige Non-Fibrous Homogeneous		45% Ca Carbonate 55% Non-fibrous (Other)	None Detected
CCA-VFT3-1-Mastic 091815295-0007A	RECEPTION AREA & OFFICES-12" TAN SPLOTCH VINYL FLOORTILE W/ MASTIC	Black Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-VFT3-2-Vinyl Floor Tile 091815295-0008	RECEPTION AREA & OFFICES-12" TAN SPLOTCH VINYL FLOORTILE W/ MASTIC	Tan/Beige Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-VFT3-2-Mastic 091815295-0008A	RECEPTION AREA & OFFICES-12" TAN SPLOTCH VINYL FLOORTILE W/ MASTIC	Black Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-VFT3-3-Vinyl Floor Tile 091815295-0009	RECEPTION AREA & OFFICES-12" TAN SPLOTCH VINYL FLOORTILE W/ MASTIC	Tan Non-Fibrous Homogeneous		45% Ca Carbonate 53% Non-fibrous (Other)	2% Chrysotile
CCA-VFT3-3-Mastic 091815295-0009A	RECEPTION AREA & OFFICES-12" TAN SPLOTCH VINYL FLOORTILE W/ MASTIC	Brown/Black Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-VFT4-1-Vinyl Floor Tile 091815295-0010	RECEPTION AREA & OFFICES-12" BEIGE SPLOTCH VINYL FLOOR TILE W/ MASTIC	Beige Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-VFT4-1-Mastic 091815295-0010A	RECEPTION AREA & OFFICES-12" BEIGE SPLOTCH VINYL FLOOR TILE W/ MASTIC	Brown/Tan/Black Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
<i>Result includes a small amount of inseparable attached material</i>					
CCA-VFT4-2-Vinyl Floor Tile 091815295-0011	RECEPTION AREA & OFFICES-12" BEIGE SPLOTCH VINYL FLOOR TILE W/ MASTIC	Beige Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-VFT4-2-Mastic 091815295-0011A	RECEPTION AREA & OFFICES-12" BEIGE SPLOTCH VINYL FLOOR TILE W/ MASTIC	Black Non-Fibrous Homogeneous		65% Matrix 32% Non-fibrous (Other)	3% Chrysotile
CCA-VFT4-3-Vinyl Floor Tile 091815295-0012	RECEPTION AREA & OFFICES-12" BEIGE SPLOTCH VINYL FLOOR TILE W/ MASTIC	Beige Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	% Fibrous	Non-Asbestos	Asbestos
				% Non-Fibrous	% Type
CCA-VFT4-3-Mastic 091815295-0012A	RECEPTION AREA & OFFICES-12" BEIGE SPLOTCH VINYL FLOOR TILE W/ MASTIC				Positive Stop (Not Analyzed)
CCA-CA-1 091815295-0013	RECEPTION AREA & OFFICES-TAN/YELL OW CARPET ADHESIVE	Tan/Yellow Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
CCA-CA-2 091815295-0014	RECEPTION AREA & OFFICES-TAN/YELL OW CARPET ADHESIVE	Tan/Yellow Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
CCA-CA-3 091815295-0015	RECEPTION AREA & OFFICES-TAN/YELL OW CARPET ADHESIVE	Tan/Yellow Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
CCA-VSF-1-VSF 091815295-0016	RECEPTION ENTRY-VINYL SHEET FLOOR WHITE INDENT PATTERN	Gray/White Fibrous Homogeneous	15% Cellulose	30% Ca Carbonate 55% Non-fibrous (Other)	None Detected
This is a composite result of both vinyl and backing layer					
CCA-VSF-1-Mastic 091815295-0016A	RECEPTION ENTRY-VINYL SHEET FLOOR WHITE INDENT PATTERN	Tan Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-VSF-2-VSF 091815295-0017	RECEPTION ENTRY-VINYL SHEET FLOOR WHITE INDENT PATTERN	Gray/White Fibrous Homogeneous	15% Cellulose	30% Ca Carbonate 55% Non-fibrous (Other)	None Detected
This is a composite result of both vinyl and backing layer					
CCA-VSF-2-Mastic 091815295-0017A	RECEPTION ENTRY-VINYL SHEET FLOOR WHITE INDENT PATTERN	Tan Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-VSF-3 091815295-0018	RECEPTION ENTRY-VINYL SHEET FLOOR WHITE INDENT PATTERN	Gray/White Fibrous Homogeneous	15% Cellulose	30% Ca Carbonate 55% Non-fibrous (Other)	None Detected
This is a composite result of both vinyl and backing layer					
CCA-CABM-1-Adhesive 091815295-0019	RECEPTION, MANAGERS OFFICE, HALL, CUSTOMER ENTRY-CARPET ADHESIVE & BLACK MASTIC	Yellow Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-CABM-1-Mastic 091815295-0019A	RECEPTION, MANAGERS OFFICE, HALL, CUSTOMER ENTRY-CARPET ADHESIVE & BLACK MASTIC	Black Non-Fibrous Homogeneous		70% Matrix 26% Non-fibrous (Other)	4% Chrysotile

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-CABM-2 091815295-0020	RECEPTION, MANAGERS OFFICE, HALL, CUSTOMER ENTRY-CARPET ADHESIVE & BLACK MASTIC				Positive Stop (Not Analyzed)
CCA-CABM-3 091815295-0021	RECEPTION, MANAGERS OFFICE, HALL, CUSTOMER ENTRY-CARPET ADHESIVE & BLACK MASTIC				Positive Stop (Not Analyzed)
CCA-VSF2-1-VSF 091815295-0022	CENTRAL RRS & WH ROOM-VINYL SHEET FLOORING WHITE/TAN PATTERN <i>This is a composite result of both vinyl and backing layer</i>	White/Beige Fibrous Homogeneous	10% Cellulose	30% Ca Carbonate 52% Non-fibrous (Other)	8% Chrysotile
CCA-VSF2-1-Leveler 091815295-0022A	CENTRAL RRS & WH ROOM-VINYL SHEET FLOORING WHITE/TAN PATTERN	Gray Non-Fibrous Homogeneous		40% Ca Carbonate 60% Non-fibrous (Other)	None Detected
CCA-VSF2-2 091815295-0023	CENTRAL RRS & WH ROOM-VINYL SHEET FLOORING WHITE/TAN PATTERN				Positive Stop (Not Analyzed)
CCA-VSF2-3 091815295-0024	CENTRAL RRS & WH ROOM-VINYL SHEET FLOORING WHITE/TAN PATTERN				Positive Stop (Not Analyzed)
CCA-VFT5-1 091815295-0025	FACILITY OFFICE-VINYL FLOOR TILE BLUE ACCENTS	Blue Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-VFT5-2 091815295-0026	FACILITY OFFICE-VINYL FLOOR TILE BLUE ACCENTS	Blue Non-Fibrous Homogeneous		45% Ca Carbonate 55% Non-fibrous (Other)	None Detected
CCA-VFT5-3 091815295-0027	FACILITY OFFICE-VINYL FLOOR TILE BLUE ACCENTS	Blue Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-VSF3-1 091815295-0028	MENS RR & UNDER WH-VINYL SHEET FLOORING PINK PEBBLE	Pink Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-VSF3-2 091815295-0029	MENS RR & UNDER WH-VINYL SHEET FLOORING PINK PEBBLE	Pink Non-Fibrous Homogeneous		45% Ca Carbonate 55% Non-fibrous (Other)	None Detected
CCA-VSF3-3 091815295-0030	MENS RR & UNDER WH-VINYL SHEET FLOORING PINK PEBBLE	Pink Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected

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			% Fibrous	% Non-Fibrous	% Type
CCA-VSF4-1-VSF 091815295-0031	WAREHOUSE RR-VINYL SHEET FLOORING GRAY PEBBLE	Gray Fibrous Homogeneous	15% Cellulose	35% Ca Carbonate 50% Non-fibrous (Other)	None Detected
This is a composite result of both vinyl and backing layer					
CCA-VSF4-1-Mastic 091815295-0031A	WAREHOUSE RR-VINYL SHEET FLOORING GRAY PEBBLE	Black/Yellow Non-Fibrous Homogeneous	4% Cellulose	65% Matrix 31% Non-fibrous (Other)	None Detected
Result includes a small amount of inseparable attached material					
CCA-VSF4-2-VSF 091815295-0032	WAREHOUSE RR-VINYL SHEET FLOORING GRAY PEBBLE	Gray Fibrous Homogeneous	15% Cellulose	30% Ca Carbonate 55% Non-fibrous (Other)	None Detected
This is a composite result of both vinyl and backing layer					
CCA-VSF4-2-Mastic 091815295-0032A	WAREHOUSE RR-VINYL SHEET FLOORING GRAY PEBBLE	Tan/Black Non-Fibrous Homogeneous	5% Cellulose	50% Matrix 45% Non-fibrous (Other)	None Detected
Result includes a small amount of inseparable attached material					
CCA-VSF4-3-VSF 091815295-0033	WAREHOUSE RR-VINYL SHEET FLOORING GRAY PEBBLE	Gray Fibrous Homogeneous	15% Cellulose	30% Ca Carbonate 55% Non-fibrous (Other)	None Detected
This is a composite result of both vinyl and backing layer					
CCA-VSF4-3-Mastic 091815295-0033A	WAREHOUSE RR-VINYL SHEET FLOORING GRAY PEBBLE	Tan/Black Non-Fibrous Homogeneous	4% Cellulose	50% Matrix 46% Non-fibrous (Other)	None Detected
Result includes a small amount of inseparable attached material					
CCA-VSF5-1 091815295-0034	CUSTOMER ENTRY-BLACK TRUNCATED FLOORING	Black Non-Fibrous Homogeneous	<1% Fibrous (Other)	50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-VSF5-2 091815295-0035	CUSTOMER ENTRY-BLACK TRUNCATED FLOORING	Black Non-Fibrous Homogeneous	<1% Fibrous (Other)	50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-VSF5-3 091815295-0036	CUSTOMER ENTRY-BLACK TRUNCATED FLOORING	Black Non-Fibrous Homogeneous	<1% Fibrous (Other)	50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-LC-1 091815295-0037	RAMP NEAR CUST ENTRY-LEVELING COMPOUND	Gray/White Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-LC-2 091815295-0038	RAMP NEAR CUST ENTRY-LEVELING COMPOUND	White Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-LC-3 091815295-0039	RAMP NEAR CUST ENTRY-LEVELING COMPOUND	White Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-CBM-1 091815295-0040	THROUGHT-BROWN BASE MASTIC	Brown Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
CCA-CBM-2 091815295-0041	THROUGHT-BROWN BASE MASTIC	Brown Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected

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			% Fibrous	% Non-Fibrous	% Type
CCA-CBM-3 091815295-0042	THROUGHT-BROWN BASE MASTIC	Brown Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
CCA-CBM2-1 091815295-0043	RECEPTION, MEZZANINE AREA-CREAM BASE MASTIC	Tan Non-Fibrous Homogeneous		40% Ca Carbonate 30% Matrix 30% Non-fibrous (Other)	None Detected
CCA-CBM2-2 091815295-0044	RECEPTION, MEZZANINE AREA-CREAM BASE MASTIC	Tan Non-Fibrous Homogeneous		45% Ca Carbonate 35% Matrix 20% Non-fibrous (Other)	None Detected
CCA-CBM2-3 091815295-0045	RECEPTION, MEZZANINE AREA-CREAM BASE MASTIC	Tan Non-Fibrous Homogeneous		40% Ca Carbonate 30% Matrix 30% Non-fibrous (Other)	None Detected
CCA-CT-1 091815295-0046	THROUGHOUT-2'X4' CEILING TILE PINS & WORMS	White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
CCA-CT-2 091815295-0047	THROUGHOUT-2'X4' CEILING TILE PINS & WORMS	White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
CCA-CT-3 091815295-0048	THROUGHOUT-2'X4' CEILING TILE PINS & WORMS	White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
CCA-CT2-1 091815295-0049	THROUGHOUT-2'X4' CEILING TILE PINS + HOLES	White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
CCA-CT2-2 091815295-0050	THROUGHOUT-2'X4' CEILING TILE PINS + HOLES	White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
CCA-CT2-3 091815295-0051	THROUGHOUT-2'X4' CEILING TILE PINS + HOLES	White Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
CCA-CT3-1-Ceiling Tile 091815295-0052	OFFICE & HALL BETWEEN BREAK ROOM & RECEPTION-12"X12" CEILING TILE W/ GLUE BROWN	White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
CCA-CT3-1-Glue 091815295-0052A	OFFICE & HALL BETWEEN BREAK ROOM & RECEPTION-12"X12" CEILING TILE W/ GLUE BROWN	Brown Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-CT3-2-Ceiling Tile 091815295-0053	OFFICE & HALL BETWEEN BREAK ROOM & RECEPTION-12"X12" CEILING TILE W/ GLUE BROWN	White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
CCA-CT3-2-Glue 091815295-0053A	OFFICE & HALL BETWEEN BREAK ROOM & RECEPTION-12"X12" CEILING TILE W/ GLUE BROWN	Brown Non-Fibrous Homogeneous		65% Matrix 35% Non-fibrous (Other)	None Detected

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			% Fibrous	% Non-Fibrous	% Type
CCA-CT3-3-Ceiling Tile 091815295-0054	OFFICE & HALL BETWEEN BREAK ROOM & RECEPTION-12"X12" CEILING TILE W/ GLUE BROWN	White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
CCA-CT3-3-Glue 091815295-0054A	OFFICE & HALL BETWEEN BREAK ROOM & RECEPTION-12"X12" CEILING TILE W/ GLUE BROWN	Brown Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
CCA-CT4-1 091815295-0055	OFFICE BETWEEN BREAK ROOM & RECEPTION (LOWER LAGER)-2'X4' CEILING TILE PINS & FISSURES	White Fibrous Homogeneous	75% Cellulose 10% Min. Wool	15% Non-fibrous (Other)	None Detected
CCA-CT4-2 091815295-0056	OFFICE BETWEEN BREAK ROOM & RECEPTION (LOWER LAGER)-2'X4' CEILING TILE PINS & FISSURES	White Fibrous Homogeneous	80% Cellulose 10% Min. Wool	10% Non-fibrous (Other)	None Detected
CCA-CT4-3 091815295-0057	OFFICE BETWEEN BREAK ROOM & RECEPTION (LOWER LAGER)-2'X4' CEILING TILE PINS & FISSURES	White Fibrous Homogeneous	80% Cellulose 8% Min. Wool	12% Non-fibrous (Other)	None Detected
CCA-WM-1 091815295-0058	WH RM, RR, RECEPTION-WALL MASTIC	Yellow Non-Fibrous Homogeneous	2% Cellulose	70% Matrix 28% Non-fibrous (Other)	None Detected
CCA-WM-2 091815295-0059	WH RM, RR, RECEPTION-WALL MASTIC	Brown/Yellow Non-Fibrous Homogeneous	5% Cellulose	70% Matrix 25% Non-fibrous (Other)	None Detected
CCA-WM-3 091815295-0060	WH RM, RR, RECEPTION-WALL MASTIC	Brown/Yellow Non-Fibrous Homogeneous	4% Cellulose	60% Matrix 36% Non-fibrous (Other)	None Detected
CCA-DWTX-1 091815295-0061	RECEPTION OFFICE-DRYWALL TEXTURE, HEAVY KNOCKDOWN	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
CCA-DWTX-2 091815295-0062	RECEPTION OFFICE-DRYWALL TEXTURE, HEAVY KNOCKDOWN	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
CCA-DWTX-3 091815295-0063	RECEPTION OFFICE-DRYWALL TEXTURE, HEAVY KNOCKDOWN	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
CCA-DWTX-4 091815295-0064	RECEPTION OFFICE-DRYWALL TEXTURE, HEAVY KNOCKDOWN	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected

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EMSL Order: 091815295

Customer ID: TETE77

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-DWTX-5 091815295-0065	RECEPTION OFFICE-DRYWALL TEXTURE, HEAVY KNOCKDOWN	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
CCA-DWJC-1-Drywall 091815295-0066	RECEPTION OFFICE-DRYWALL & JOINT COMPOUND (TEXTURED)	Peach Non-Fibrous Homogeneous	<1% Cellulose	70% Gypsum 30% Non-fibrous (Other)	None Detected
CCA-DWJC-1-Joint Compound 091815295-0066A	RECEPTION OFFICE-DRYWALL & JOINT COMPOUND (TEXTURED)	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-DWJC-1-Texture 091815295-0066B	RECEPTION OFFICE-DRYWALL & JOINT COMPOUND (TEXTURED)	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
CCA-DWJC-2-Drywall 091815295-0067	RECEPTION OFFICE-DRYWALL & JOINT COMPOUND (TEXTURED)	White Non-Fibrous Homogeneous	2% Cellulose	70% Gypsum 28% Non-fibrous (Other)	None Detected
CCA-DWJC-2-Joint Compound 091815295-0067A	RECEPTION OFFICE-DRYWALL & JOINT COMPOUND (TEXTURED)	White Non-Fibrous Homogeneous		80% Ca Carbonate 18% Non-fibrous (Other)	2% Chrysotile
CCA-DWJC-2-Texture 091815295-0067B	RECEPTION OFFICE-DRYWALL & JOINT COMPOUND (TEXTURED)	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
CCA-DWJC-3-Drywall 091815295-0068	RECEPTION OFFICE-DRYWALL & JOINT COMPOUND (TEXTURED)	White Non-Fibrous Homogeneous	2% Cellulose	70% Gypsum 28% Non-fibrous (Other)	None Detected
CCA-DWJC-3-Joint Compound 091815295-0068A	RECEPTION OFFICE-DRYWALL & JOINT COMPOUND (TEXTURED)				Positive Stop (Not Analyzed)
CCA-DWJC-3-Texture 091815295-0068B	RECEPTION OFFICE-DRYWALL & JOINT COMPOUND (TEXTURED)	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
CCA-DWJC2-1-Drywall 091815295-0069	BREAK ROOM, FACILITY ROOMS-DRYWALL & JOINT COMPOUND SMOOTH	White Non-Fibrous Homogeneous	2% Cellulose	70% Gypsum 28% Non-fibrous (Other)	None Detected
CCA-DWJC2-1-Joint Compound 091815295-0069A	BREAK ROOM, FACILITY ROOMS-DRYWALL & JOINT COMPOUND SMOOTH	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-DWJC2-2-Drywall 091815295-0070	BREAK ROOM, FACILITY ROOMS-DRYWALL & JOINT COMPOUND SMOOTH	White Non-Fibrous Homogeneous	<1% Cellulose	70% Gypsum 30% Non-fibrous (Other)	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
CCA-DWJC2-2-Joint Compound 091815295-0070A	BREAK ROOM, FACILITY ROOMS-DRYWALL & JOINT COMPOUND SMOOTH	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-DWJC2-3-Drywall 091815295-0071	BREAK ROOM, FACILITY ROOMS-DRYWALL & JOINT COMPOUND SMOOTH	White Non-Fibrous Homogeneous	2% Cellulose	70% Gypsum 28% Non-fibrous (Other)	None Detected
CCA-DWJC2-3-Joint Compound 091815295-0071A	BREAK ROOM, FACILITY ROOMS-DRYWALL & JOINT COMPOUND SMOOTH	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-DWJC3-1-Drywall 091815295-0072	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White/Pink Non-Fibrous Homogeneous	<1% Cellulose	70% Gypsum 30% Non-fibrous (Other)	None Detected
CCA-DWJC3-1-Joint Compound 091815295-0072A	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-DWJC3-1-Paint 091815295-0072B	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	Blue Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-DWJC3-2-Drywall 091815295-0073	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White/Pink Non-Fibrous Homogeneous		70% Gypsum 30% Non-fibrous (Other)	None Detected
CCA-DWJC3-2-Joint Compound 091815295-0073A	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-DWJC3-2-Paint 091815295-0073B	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	Blue Non-Fibrous Homogeneous		65% Matrix 35% Non-fibrous (Other)	None Detected
CCA-DWJC3-3-Drywall 091815295-0074	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White/Pink Non-Fibrous Homogeneous	<1% Cellulose	70% Gypsum 30% Non-fibrous (Other)	None Detected
CCA-DWJC3-3-Joint Compound 091815295-0074A	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-DWJC3-3-Paint 091815295-0074B	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	Blue Non-Fibrous Homogeneous		65% Matrix 35% Non-fibrous (Other)	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-DWJC3-4-Drywall 091815295-0075	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White/Pink Non-Fibrous Homogeneous	2% Cellulose	70% Gypsum 28% Non-fibrous (Other)	None Detected
CCA-DWJC3-4-Joint Compound 091815295-0075A	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-DWJC3-4-Paint 091815295-0075B	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	Blue Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-DWJC3-5-Drywall 091815295-0076	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White/Pink Non-Fibrous Homogeneous	2% Cellulose	70% Gypsum 28% Non-fibrous (Other)	None Detected
CCA-DWJC3-5-Joint Compound 091815295-0076A	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-DWJC3-5-Paint 091815295-0076B	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	Blue Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-SV-1 091815295-0077	BREAK ROOM-SINK UNDER COATING BLACK	Black Non-Fibrous Homogeneous	4% Cellulose	70% Matrix 26% Non-fibrous (Other)	None Detected
CCA-SM-1 091815295-0078	EXTERIOR WALL (S)-STONE MORTAR	Brown/Gray Non-Fibrous Homogeneous		10% Quartz 60% Ca Carbonate 30% Non-fibrous (Other)	<1% Chrysotile
CCA-SM-2 091815295-0079	EXTERIOR WALL (S)-STONE MORTAR	Gray Non-Fibrous Homogeneous		25% Quartz 50% Ca Carbonate 25% Non-fibrous (Other)	None Detected
CCA-SM-3 091815295-0080	EXTERIOR WALL (S)-STONE MORTAR	Gray Non-Fibrous Homogeneous		25% Quartz 50% Ca Carbonate 25% Non-fibrous (Other)	None Detected
CCA-STU-1 091815295-0081	EXTERIOR WALL (N)-SANDY CONCRETE FINISH	Gray Non-Fibrous Homogeneous		25% Quartz 60% Ca Carbonate 15% Non-fibrous (Other)	None Detected
CCA-STU-2 091815295-0082	EXTERIOR WALL (N)-SANDY CONCRETE FINISH	Gray Non-Fibrous Homogeneous		25% Quartz 65% Ca Carbonate 10% Non-fibrous (Other)	None Detected
CCA-STU-3 091815295-0083	EXTERIOR WALL (N)-SANDY CONCRETE FINISH	Gray Non-Fibrous Homogeneous		20% Quartz 60% Ca Carbonate 20% Non-fibrous (Other)	None Detected

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Analyst(s)

Beheshta Ahadi (117)

Matthew Batongbacal
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EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

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Received Date: 07/12/2018 9:30 AM

Analysis Date: 07/24/2018

Collected Date: 07/10/2018

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-VFT-1-Mastic 091815295-0001A	RECEPTION AREA & OFFICES-12" TAN VINYL FLOOR TILE W/ MASTIC	Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT-2-Mastic 091815295-0002A	RECEPTION AREA & OFFICES-12" TAN VINYL FLOOR TILE W/ MASTIC	Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT-3-Mastic 091815295-0003A	RECEPTION AREA & OFFICES-12" TAN VINYL FLOOR TILE W/ MASTIC	Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT2-1-Vinyl Floor Tile 091815295-0004	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT2-1-Mastic 091815295-0004A	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT2-1-Mastic 2 091815295-0004B	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Yellow Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT2-2-Vinyl Floor Tile 091815295-0005	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT2-2-Mastic 091815295-0005A	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT2-3-Vinyl Floor Tile 091815295-0006	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT2-3-Mastic 091815295-0006A	RECEPTION AREA & OFFICES-12" BEIGE VINYL FLOOR TILE W/ MASTIC	Brown/Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT3-1-Vinyl Floor Tile 091815295-0007	RECEPTION AREA & OFFICES-12" TAN SPLOTCH VINYL FLOOR TILE W/ MASTIC	Tan/Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA

Initial report from: 07/24/2018 18:07:42



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Received Date: 07/12/2018 9:30 AM

Analysis Date: 07/24/2018

Collected Date: 07/10/2018

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-VFT3-1-Mastic 091815295-0007A	RECEPTION AREA & OFFICES-12" TAN SPLOTCH VINYL FLOORTILE W/ MASTIC	Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT3-2-Vinyl Floor Tile 091815295-0008	RECEPTION AREA & OFFICES-12" TAN SPLOTCH VINYL FLOORTILE W/ MASTIC	Tan/Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT3-2-Mastic 091815295-0008A	RECEPTION AREA & OFFICES-12" TAN SPLOTCH VINYL FLOORTILE W/ MASTIC	Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT3-3-Mastic 091815295-0009A	RECEPTION AREA & OFFICES-12" TAN SPLOTCH VINYL FLOORTILE W/ MASTIC	Brown/Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT4-1-Vinyl Floor Tile 091815295-0010	RECEPTION AREA & OFFICES-12" BEIGE SPLOTCH VINYL FLOOR TILE W/ MASTIC	Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT4-1-Mastic 091815295-0010A	RECEPTION AREA & OFFICES-12" BEIGE SPLOTCH VINYL FLOOR TILE W/ MASTIC	Brown/Tan/Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT4-2-Vinyl Floor Tile 091815295-0011	RECEPTION AREA & OFFICES-12" BEIGE SPLOTCH VINYL FLOOR TILE W/ MASTIC	Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT4-3-Vinyl Floor Tile 091815295-0012	RECEPTION AREA & OFFICES-12" BEIGE SPLOTCH VINYL FLOOR TILE W/ MASTIC	Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-CA-1 091815295-0013	RECEPTION AREA & OFFICES-TAN/YELLOW CARPET ADHESIVE	Tan/Yellow Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-CA-2 091815295-0014	RECEPTION AREA & OFFICES-TAN/YELLOW CARPET ADHESIVE	Tan/Yellow Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-CA-3 091815295-0015	RECEPTION AREA & OFFICES-TAN/YELLOW CARPET ADHESIVE	Tan/Yellow Non-Fibrous Homogeneous	100	None	No Asbestos Detected

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Received Date: 07/12/2018 9:30 AM

Analysis Date: 07/24/2018

Collected Date: 07/10/2018

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-VSF-1-Mastic 091815295-0016A	RECEPTION ENTRY-VINYL SHEET FLOOR WHITE INDENT PATTERN	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VSF-2-Mastic 091815295-0017A	RECEPTION ENTRY-VINYL SHEET FLOOR WHITE INDENT PATTERN	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-CABM-1-Adhesive 091815295-0019	RECEPTION, MANAGERS OFFICE, HALL, CUSTOMER ENTRY-CARPET ADHESIVE & BLACK MASTIC	Yellow Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VSF2-1-Leveler 091815295-0022A	CENTRAL RRS & WH ROOM-VINYL SHEET FLOORING WHITE/TAN PATTERN	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT5-1 091815295-0025	FACILITY OFFICE-VINYL FLOOR TILE BLUE ACCENTS	Blue Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT5-2 091815295-0026	FACILITY OFFICE-VINYL FLOOR TILE BLUE ACCENTS	Blue Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VFT5-3 091815295-0027	FACILITY OFFICE-VINYL FLOOR TILE BLUE ACCENTS	Blue Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VSF3-1 091815295-0028	MENS RR & UNDER WH-VINYL SHEET FLOORING PINK PEBBLE	Pink Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VSF3-2 091815295-0029	MENS RR & UNDER WH-VINYL SHEET FLOORING PINK PEBBLE	Pink Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VSF3-3 091815295-0030	MENS RR & UNDER WH-VINYL SHEET FLOORING PINK PEBBLE	Pink Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VSF4-1-Mastic 091815295-0031A	WAREHOUSE RR-VINYL SHEET FLOORING GRAY PEBBLE	Black/Yellow Fibrous Homogeneous	100	None	No Asbestos Detected

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA

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Analysis Date: 07/24/2018

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Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-VSF4-2-Mastic 091815295-0032A	WAREHOUSE RR-VINYL SHEET FLOORING GRAY PEBBLE	Tan/Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VSF4-3-Mastic 091815295-0033A	WAREHOUSE RR-VINYL SHEET FLOORING GRAY PEBBLE	Tan/Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VSF5-1 091815295-0034	CUSTOMER ENTRY-BLACK TRUNCATED FLOORING	Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VSF5-2 091815295-0035	CUSTOMER ENTRY-BLACK TRUNCATED FLOORING	Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-VSF5-3 091815295-0036	CUSTOMER ENTRY-BLACK TRUNCATED FLOORING	Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-LC-1 091815295-0037	RAMP NEAR CUST ENTRY-LEVELING COMPOUND	Gray/White Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-LC-2 091815295-0038	RAMP NEAR CUST ENTRY-LEVELING COMPOUND	White Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-LC-3 091815295-0039	RAMP NEAR CUST ENTRY-LEVELING COMPOUND	White Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-CBM-1 091815295-0040	THROUGHT-BROWN BASE MASTIC	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-CBM-2 091815295-0041	THROUGHT-BROWN BASE MASTIC	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-CBM-3 091815295-0042	THROUGHT-BROWN BASE MASTIC	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-CBM2-1 091815295-0043	RECEPTION, MEZZANINE AREA-CREAM BASE MASTIC	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA

Initial report from: 07/24/2018 18:07:42



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091815295

Customer ID: TETE77

Customer PO:

Project ID:

Attention: Lona Pearson
Tetra Tech
2969 Prospect Park Drive
Suite 100
Rancho Cordova, CA 95670

Project: USPS CCA 103G3817119

Phone: (916) 853-4557

Fax: (916) 853-4550

Received Date: 07/12/2018 9:30 AM

Analysis Date: 07/24/2018

Collected Date: 07/10/2018

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-CBM2-2 091815295-0044	RECEPTION, MEZZANINE AREA-CREAM BASE MASTIC	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-CBM2-3 091815295-0045	RECEPTION, MEZZANINE AREA-CREAM BASE MASTIC	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-CT3-1-Glue 091815295-0052A	OFFICE & HALL BETWEEN BREAK ROOM & RECEPTION-12"X12" CEILING TILE W/ GLUE BROWN	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-CT3-2-Glue 091815295-0053A	OFFICE & HALL BETWEEN BREAK ROOM & RECEPTION-12"X12" CEILING TILE W/ GLUE BROWN	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-CT3-3-Glue 091815295-0054A	OFFICE & HALL BETWEEN BREAK ROOM & RECEPTION-12"X12" CEILING TILE W/ GLUE BROWN	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-WM-1 091815295-0058	WH RM, RR, RECEPTION-WALL MASTIC	Yellow Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-WM-2 091815295-0059	WH RM, RR, RECEPTION-WALL MASTIC	Brown/Yellow Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-WM-3 091815295-0060	WH RM, RR, RECEPTION-WALL MASTIC	Brown/Yellow Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-DWJC3-1-Paint 091815295-0072B	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	Blue Non-Fibrous Homogeneous	100	None	No Asbestos Detected

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA

Initial report from: 07/24/2018 18:07:42



EMSL Analytical, Inc.

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EMSL Order: 091815295

Customer ID: TETE77

Customer PO:

Project ID:

Attention: Lona Pearson
Tetra Tech
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Suite 100
Rancho Cordova, CA 95670

Project: USPS CCA 103G3817119

Phone: (916) 853-4557

Fax: (916) 853-4550

Received Date: 07/12/2018 9:30 AM

Analysis Date: 07/24/2018

Collected Date: 07/10/2018

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-DWJC3-2-Paint 091815295-0073B	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	Blue Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-DWJC3-3-Paint 091815295-0074B	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	Blue Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-DWJC3-4-Paint 091815295-0075B	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	Blue Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-DWJC3-5-Paint 091815295-0076B	SOUTH OFFICES & MEZZANE AREA-DRYWALL & JOINT COMPOUND W/ TX PAINT	Blue Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-SU-1 091815295-0077	BREAK ROOM-SINK UNDER COATING BLACK	Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-SM-1 091815295-0078	EXTERIOR WALL (S) -STONE MORTAR	Brown/Gray Non-Fibrous Homogeneous	99.4	None	0.62% Chrysotile
CCA-SM-2 091815295-0079	EXTERIOR WALL (S) -STONE MORTAR	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-SM-3 091815295-0080	EXTERIOR WALL (S) -STONE MORTAR	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-STU-1 091815295-0081	EXTERIOR WALL (N) -SANDY CONCRETE FINISH	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-STU-2 091815295-0082	EXTERIOR WALL (N) -SANDY CONCRETE FINISH	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-STU-3 091815295-0083	EXTERIOR WALL (N) -SANDY CONCRETE FINISH	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA

Initial report from: 07/24/2018 18:07:42



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EMSL Order: 091815295

Customer ID: TETE77

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Attention: Lona Pearson
Tetra Tech
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Suite 100
Rancho Cordova, CA 95670

Project: USPS CCA 103G3817119

Phone: (916) 853-4557

Fax: (916) 853-4550

Received Date: 07/12/2018 9:30 AM

Analysis Date: 07/24/2018

Collected Date: 07/10/2018

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
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Analyst(s)

Steven Li (65)

Matthew Batongbacal
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA

Initial report from: 07/24/2018 18:07:42

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAININGAsbestos Bulk Building Material
Chain of Custody

EMSL Order Number (Lab Use Only):

#091815295

San Leandro, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company: Tetra Tech EM Inc		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 2969 Prospect Park Drive Suite 100		Third Party Billing requires written authorization from third party	
City: Rancho Cordova	State/Province: CA	Zip/Postal Code: 95670	Country: US
Report To (Name): Lona Pearson		Telephone #: 916/853-4557	
Email Address: lona.pearson@tetratech.com		Fax #: 916/852-0307	Purchase Order: TETE77
Project Name/Number: USPS CCA 103G3817119		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: Seattle WA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* -- Please Check							
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour	<input type="checkbox"/> 72 Hour	<input checked="" type="checkbox"/> 96 Hour	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.							

PLM - Bulk (reporting limit)	TEM - Bulk
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input checked="" type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NIOSH 9002 (<1%) <input type="checkbox"/> NY ELAP Method 198.1 (friable in NY) <input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY) <input type="checkbox"/> OSHA ID-191 Modified <input type="checkbox"/> Standard Addition Method	<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1 <input type="checkbox"/> NY ELAP Method 198.4 (TEM) <input type="checkbox"/> Chatfield Protocol (semi-quantitative) <input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2 <input type="checkbox"/> TEM Qualitative via Filtration Prep Technique <input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique <div style="text-align: center;">Other</div> <input type="checkbox"/>

<input checked="" type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group	Date Sampled: 7/10/2018
Samplers Name: Lona Pearson	Samplers Signature: Lona Penn

Sample #	HA #	Sample Location	Material Description
	1	CCA-VFT-1 Reception Area + Offices	12" Tan Vinyl Floor Tile w/ Mastic
	1	↓ 2	↓
	1	↓ 3	↓
	2	VFT2-1	12" Beige Vinyl Floor tile w/ Mastic
	2	↓ 2	↓
	2	↓ 3	↓
	3	VFT3-1	12" Tan splotch Vinyl Floor tile w/ Mastic
	3	↓ 2	↓
	3	↓ 3	↓
	4	VFT4-1	12" Beige splotch Vinyl Floor tile w/ Mastic

Client Sample # (s): CCA-VFT-1 - CCA-STU-3	Total # of Samples: 83
Relinquished (Client): Lona Penn	Date: 7/10/18 To FedEx Time:
Received (Lab): TR	Date: 07/12/18 Time: 9:30AM

Comments/Special Instructions:
 Samples to be analyzed by PLM PLM results of non-friable, non-organically bound material with results of less than 1% (trace) or asbestos non-detected will be further analyzed by TEM. Include laboratory certifications with data package. Call Lona Pearson at 916 997.8085 with questions

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAININGAsbestos Bulk Building Material
Chain of Custody

EMSL Order Number (Lab Use Only):

#091815295

San Leandro, CA 94577

PHONE: (510) 895-3675

FAX: (510) 895-3680

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #	Sample Location	Material Description
	4	CCA-VFT4-2 Reception Area 1/2 offices	12" Beige-Spotted Vinyl Floor tile w/ mastic
	4	↓ 3	↓
	5	CA-1	Tan/Yellow Carpet adhesive
	5	↓ 2	↓
	5	↓ 3	↓
	6	VSF-1 Reception entry	Vinyl Sheet Floor White indent pattern
	6	↓ 2	↓
	6	↓ 3	↓
	7	CABM-1 Reception, Managers office, Hall, Customer entry	Carpet Adhesive & Black mastic
	7	↓ 2	↓
	7	↓ 3	↓
	8	VSF2-1 Central RR's + WH Room	Vinyl Sheet Flooring White/tan pattern
	8	↓ 2	↓
	8	↓ 3	↓
	9	VFT5-1 Facility office	FLOOR TILE Vinyl Sheet Floor Blue accents
	9	↓ 2	↓
	9	↓ 3	↓
	10	VSF3-1 Men's RR + under WH	Vinyl Sheet Flooring Pink pebble
	10	↓ 2	↓
	10	↓ 3	↓
	11	VSF4-1 Warehouse RR	Vinyl Sheet Flooring Gray Pebble
	11	↓ 2	↓
	11	↓ 3	↓
	12	VSF5-1 Customer Entry	Black truncated Flooring

***Comments/Special Instructions:**

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EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAININGAsbestos Bulk Building Material
Chain of Custody

EMSL Order Number (Lab Use Only):

#091815295

San Leandro, CA 94577

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Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #	Sample Location	Material Description
	12	CCA-VSF5-2 Customer Entry	Black truncated Flooring
	12	↓ 3 ↓	↓
	13	LC-1 Ramp near Cust Entry	Leveling compound
	13	↓ 2 ↓	↓
	13	↓ 3 ↓	↓
	14	CBM-1 Throught	Brown Base Mastic
	14	↓ 2 ↓	↓
	14	↓ 3 ↓	↓
	15	CBM2-1 Reception, mezzanine area	cream Base Mastic
	15	↓ 2 ↓	↓
	15	↓ 3 ↓	↓
	16	CT-1 Throught	2'x4' ceiling tile, pins & worms
	16	↓ 2 ↓	↓
	16	↓ 3 ↓	↓
	17	CT2-1	2x4 ceiling tile pins + holes
	17	↓ 2 ↓	↓
	17	↓ 3 ↓	↓
	18	CT3-1 office + Hall between Break room + Reception	12x12 ceiling tile w/ glue Brown
	18	↓ 2 ↓	↓
	18	↓ 3 ↓	↓
	19	CT4-1 Office between Break room & Reception (lower layer)	2'x4' ceiling tile, pins + fissures
	19	↓ 2 ↓	↓
	19	↓ 3 ↓	↓
	20	WM-1 W/H EM, RR, Reception	Wall Mastic

*Comments/Special Instructions:

Samples to be analyzed by PLM. PLM results of non-friable, non-organically bound material with results of less than 1% (trace) or asbestos non-detected will be further analyzed by TEM. Include laboratory certifications with data package. Call Lona Pearson at 916.997.8085 with questions

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

#091815295

San Leandro, CA 94577

PHONE: (510) 895-3675

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Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #	Sample Location	Material Description
	20	CCA-WM-2 WH RM, RL, Reception	wall mastic
	20	↓ 3 ↓	↓
	21	DW TX-1 Reception; office behind	Drywall texture, Heavy knockdown
	21	↓ 2 ↓	↓
	21	↓ 3 ↓	↓
	21	↓ 4 ↓	↓
	21	↓ 5 ↓	↓
	22	DWJC-1	Drywall + Joint compound (textured)
	22	↓ 2 ↓	↓
	22	↓ 3 ↓	↓
	23	DWJC2-1 Break Room, Facility Rooms	Drywall + Joint compound smooth
	23	↓ 2 ↓	↓
	23	↓ 3 ↓	↓
	24	DWJC3-1 South offices + mezzanine area	Drywall + Joint compound w/tx paint
	24	↓ 2 ↓	↓
	24	↓ 3 ↓	↓
	24	↓ 4 ↓	↓
	24	↓ 5 ↓	↓
	25	SU-1 Break Room	Sink undercrafter black
	26	SM-1 Exterior wall (S)	stone mortar
	26	↓ 2 ↓	↓
	26	↓ 3 ↓	↓
	27	STU-1 Exterior wall (N)	Sandy concrete finish
	27	↓ 2 ↓	↓

***Comments/Special Instructions:**

Samples to be analyzed by PLM PLM results of non-friable, non-organically bound material with results of less than 1% (trace) or asbestos non-detected will be further analyzed by TEM. Include laboratory certifications with data package. Call Lona Pearson at 916 997.8085 with questions

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING**Asbestos Bulk Building Material
Chain of Custody**

EMSL Order Number (Lab Use Only):

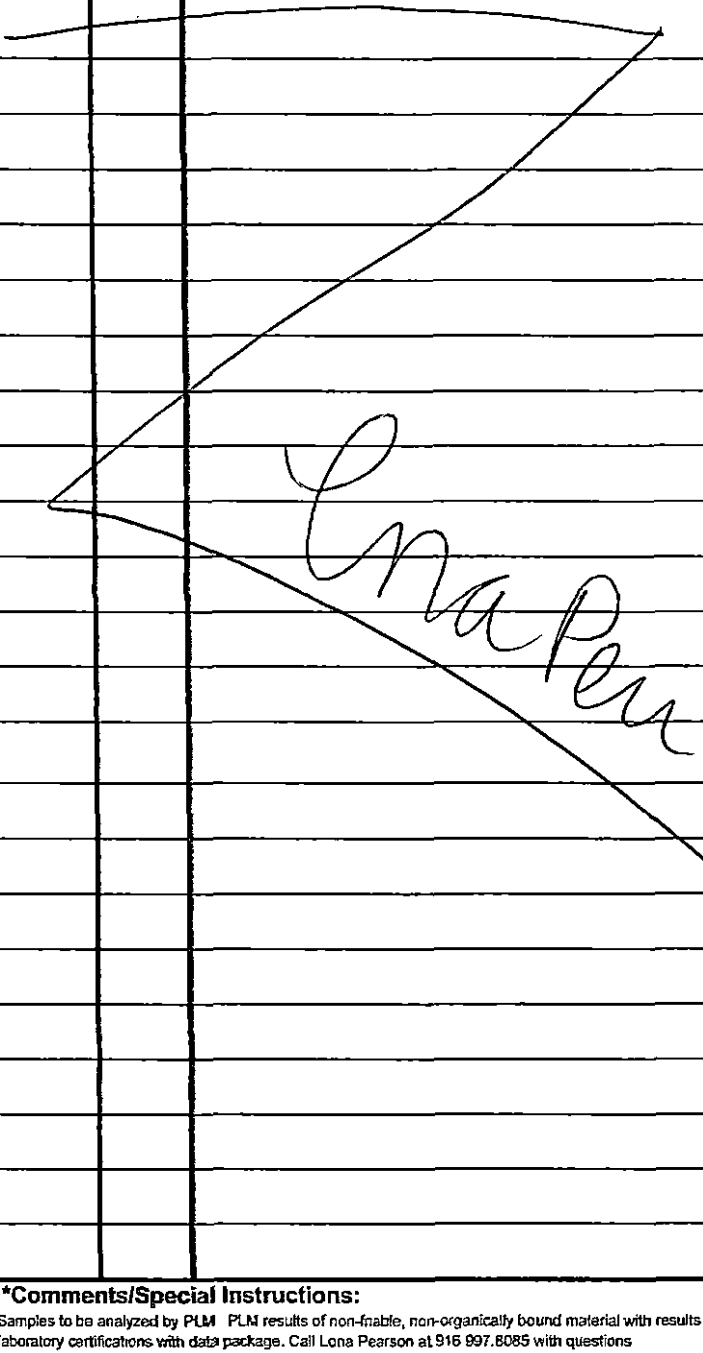
#091815295

San Leandro, CA 94577

PHONE: (510) 895-3675

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Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #	Sample Location	Material Description
	27	CCA-STU-3 Exterior Wall (N)	Sandy concrete finish
			

***Comments/Special Instructions:**
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EMSL Order: 091818089

Customer ID: TETE77

Customer PO:

Project ID:

Attention: Lona Pearson

Tetra Tech

2969 Prospect Park Drive

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Rancho Cordova, CA 95670

Project: USPS CCA 103G3817119.01

Phone: (916) 853-4557

Fax: (916) 853-4550

Received Date: 08/17/2018 9:15 AM

Analysis Date: 08/19/2018

Collected Date: 08/15/2018

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-100-01-01-VFT <small>091818089-0001</small>	FRONT (EAST) BREAK AREA + HALLWAYS + KITCHEN - VFT, 12"X12" WHITE W/ GREY SPECS AND BLACK MASTIC	White Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-100-01-01-Mastic <small>091818089-0001A</small>	FRONT (EAST) BREAK AREA + HALLWAYS + KITCHEN - VFT, 12"X12" WHITE W/ GREY SPECS AND BLACK MASTIC	Black Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-100-01-02-VFT <small>091818089-0002</small>	FRONT (EAST) BREAK AREA + HALLWAYS + KITCHEN - VFT, 12"X12" WHITE W/ GREY SPECS AND BLACK MASTIC	White Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-100-01-02-Mastic <small>091818089-0002A</small>	FRONT (EAST) BREAK AREA + HALLWAYS + KITCHEN - VFT, 12"X12" WHITE W/ GREY SPECS AND BLACK MASTIC	Black Non-Fibrous Homogeneous		40% Matrix 60% Non-fibrous (Other)	None Detected
CCA-100-01-03-VFT <small>091818089-0003</small>	FRONT (EAST) BREAK AREA + HALLWAYS + KITCHEN - VFT, 12"X12" WHITE W/ GREY SPECS AND BLACK MASTIC	White Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-100-01-03-Mastic <small>091818089-0003A</small>	FRONT (EAST) BREAK AREA + HALLWAYS + KITCHEN - VFT, 12"X12" WHITE W/ GREY SPECS AND BLACK MASTIC	Black Non-Fibrous Homogeneous		40% Matrix 60% Non-fibrous (Other)	None Detected
CCA-100-02-01-VFT <small>091818089-0004</small>	FRONT (EAST) BREAK AREA, KITCHEN + HALLWAYS AT PERIMETER WALLS - VFT, 12"X12" LT. GREY W/ WHITE SPECS AND BLACK MASTIC	White/Blue Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected

Initial report from: 08/19/2018 21:51:57



EMSL Analytical, Inc.

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EMSL Order: 091818089

Customer ID: TETE77

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
CCA-100-02-01-Mastic 091818089-0004A	FRONT (EAST) BREAK AREA, KITCHEN + HALLWAYS AT PERIMETER WALLS - VFT, 12"X12" LT. GREY W/ WHITE SPECS AND BLACK MASTIC	Black Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-100-02-01-Mastic 2 091818089-0004B	FRONT (EAST) BREAK AREA, KITCHEN + HALLWAYS AT PERIMETER WALLS - VFT, 12"X12" LT. GREY W/ WHITE SPECS AND BLACK MASTIC	Yellow Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-100-02-02-VFT 091818089-0005	FRONT (EAST) BREAK AREA, KITCHEN + HALLWAYS AT PERIMETER WALLS - VFT, 12"X12" LT. GREY W/ WHITE SPECS AND BLACK MASTIC	White/Blue Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-100-02-02-Mastic 091818089-0005A	FRONT (EAST) BREAK AREA, KITCHEN + HALLWAYS AT PERIMETER WALLS - VFT, 12"X12" LT. GREY W/ WHITE SPECS AND BLACK MASTIC	Black Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-100-02-03-VFT 091818089-0006	FRONT (EAST) BREAK AREA, KITCHEN + HALLWAYS AT PERIMETER WALLS - VFT, 12"X12" LT. GREY W/ WHITE SPECS AND BLACK MASTIC	White/Blue Non-Fibrous Homogeneous		45% Ca Carbonate 55% Non-fibrous (Other)	None Detected
CCA-100-02-03-Mastic 091818089-0006A	FRONT (EAST) BREAK AREA, KITCHEN + HALLWAYS AT PERIMETER WALLS - VFT, 12"X12" LT. GREY W/ WHITE SPECS AND BLACK MASTIC	Black Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-100-03-01-VFT 091818089-0007	FRONT (EAST) BREAK AREA + KITCHEN - VFT, 12"X12" GREY W/ WHITE SPECS AND TAN+ BLACK MASTIC	Gray/White Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected

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EMSL Order: 091818089

Customer ID: TETE77

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
CCA-100-03-01-Mastic 091818089-0007A	FRONT (EAST) BREAK AREA + KITCHEN - VFT, 12"X12" GREY W/ WHITE SPECS AND TAN+ BLACK MASTIC	Tan Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-100-03-02-VFT 091818089-0008	FRONT (EAST) BREAK AREA + KITCHEN - VFT, 12"X12" GREY W/ WHITE SPECS AND TAN+ BLACK MASTIC	White/Blue Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-100-03-02-Mastic 091818089-0008A	FRONT (EAST) BREAK AREA + KITCHEN - VFT, 12"X12" GREY W/ WHITE SPECS AND TAN+ BLACK MASTIC	Tan Non-Fibrous Homogeneous		40% Matrix 60% Non-fibrous (Other)	None Detected
CCA-100-03-03-VFT 091818089-0009	FRONT (EAST) BREAK AREA + KITCHEN - VFT, 12"X12" GREY W/ WHITE SPECS AND TAN+ BLACK MASTIC	White/Blue Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-100-03-03-Mastic 091818089-0009A	FRONT (EAST) BREAK AREA + KITCHEN - VFT, 12"X12" GREY W/ WHITE SPECS AND TAN+ BLACK MASTIC	Tan Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-100-04-01-Vinyl Cove Base 091818089-0010	FRONT (EAST) BREAK AREA, KITCHEN, HALLWAYS, RECEPTION, STAFF ROOMS + CLASSROOMS - VINYL COVEBASE, 7" BROWN W/ BEIGE ADHESIVE	Brown Non-Fibrous Homogeneous		50% Ca Carbonate 30% Matrix 20% Non-fibrous (Other)	None Detected
CCA-100-04-01-Adhesive 091818089-0010A	FRONT (EAST) BREAK AREA, KITCHEN, HALLWAYS, RECEPTION, STAFF ROOMS + CLASSROOMS - VINYL COVEBASE, 7" BROWN W/ BEIGE ADHESIVE	Tan/White Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected

Result includes a small amount of inseparable attached material

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-100-04-02-Vinyl Cove Base 091818089-0011	FRONT (EAST) BREAK AREA, KITCHEN, HALLWAYS, RECEPTION, STAFF ROOMS + CLASSROOMS - VINYL COVEBASE, 7" BROWN W/ BEIGE ADHESIVE	Brown Non-Fibrous Homogeneous		50% Ca Carbonate 35% Matrix 15% Non-fibrous (Other)	None Detected
CCA-100-04-02-Adhesiv e 091818089-0011A	FRONT (EAST) BREAK AREA, KITCHEN, HALLWAYS, RECEPTION, STAFF ROOMS + CLASSROOMS - VINYL COVEBASE, 7" BROWN W/ BEIGE ADHESIVE	Beige Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-100-04-03-Vinyl Cove Base 091818089-0012	FRONT (EAST) BREAK AREA, KITCHEN, HALLWAYS, RECEPTION, STAFF ROOMS + CLASSROOMS - VINYL COVEBASE, 7" BROWN W/ BEIGE ADHESIVE	Brown Non-Fibrous Homogeneous		50% Ca Carbonate 40% Matrix 10% Non-fibrous (Other)	None Detected
CCA-100-04-03-Adhesiv e 091818089-0012A	FRONT (EAST) BREAK AREA, KITCHEN, HALLWAYS, RECEPTION, STAFF ROOMS + CLASSROOMS - VINYL COVEBASE, 7" BROWN W/ BEIGE ADHESIVE	Beige Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-100-04-03-Compo und 091818089-0012B	FRONT (EAST) BREAK AREA, KITCHEN, HALLWAYS, RECEPTION, STAFF ROOMS + CLASSROOMS - VINYL COVEBASE, 7" BROWN W/ BEIGE ADHESIVE	White Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (Other)	None Detected
CCA-100-05-01-VFT 091818089-0013	KITCHEN - VFT, 12"X12", TAN W/ SQUARES PATTERN AND CLEAR AND BLACK MASTIC	Tan Non-Fibrous Homogeneous		40% Ca Carbonate 60% Non-fibrous (Other)	None Detected
CCA-100-05-01-Mastic 091818089-0013A	KITCHEN - VFT, 12"X12", TAN W/ SQUARES PATTERN AND CLEAR AND BLACK MASTIC	Clear Non-Fibrous Homogeneous		40% Matrix 60% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-100-05-01-Leveler <i>091818089-0013B</i>	KITCHEN - VFT, 12"X12", TAN W/ SQUARES PATTERN AND CLEAR AND BLACK MASTIC	Gray Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
CCA-100-05-02-VFT <i>091818089-0014</i>	KITCHEN - VFT, 12"X12", TAN W/ SQUARES PATTERN AND CLEAR AND BLACK MASTIC	Tan Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
CCA-100-05-02-Mastic <i>091818089-0014A</i>	KITCHEN - VFT, 12"X12", TAN W/ SQUARES PATTERN AND CLEAR AND BLACK MASTIC	Clear Non-Fibrous Homogeneous		40% Matrix 60% Non-fibrous (Other)	None Detected
CCA-100-05-02-Leveler <i>091818089-0014B</i>	KITCHEN - VFT, 12"X12", TAN W/ SQUARES PATTERN AND CLEAR AND BLACK MASTIC	Gray Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
CCA-100-05-03-VFT <i>091818089-0015</i>	KITCHEN - VFT, 12"X12", TAN W/ SQUARES PATTERN AND CLEAR AND BLACK MASTIC	Tan Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-100-05-03-Mastic <i>091818089-0015A</i>	KITCHEN - VFT, 12"X12", TAN W/ SQUARES PATTERN AND CLEAR AND BLACK MASTIC	Clear Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-100-06-01-Vinyl Sheet Flooring <i>091818089-0016</i>	RESTROOMS, STAFF AREA + SOME CLASSROOMS - VINYL SHEET FLOORING, LT. GREY SPECKLED WITH GREY BACKING + TAN + BLACK MASTIC	Gray Fibrous Homogeneous	15% Cellulose	30% Ca Carbonate 55% Non-fibrous (Other)	None Detected
<i>This is a composite result of both vinyl and backing layer</i>					
CCA-100-06-01-Mastic <i>091818089-0016A</i>	RESTROOMS, STAFF AREA + SOME CLASSROOMS - VINYL SHEET FLOORING, LT. GREY SPECKLED WITH GREY BACKING + TAN + BLACK MASTIC	Tan/White Non-Fibrous Homogeneous	4% Cellulose	50% Matrix 46% Non-fibrous (Other)	None Detected
CCA-100-06-02-Vinyl Sheet Flooring <i>091818089-0017</i>	RESTROOMS, STAFF AREA + SOME CLASSROOMS - VINYL SHEET FLOORING, LT. GREY SPECKLED WITH GREY BACKING + TAN + BLACK MASTIC	Gray Fibrous Homogeneous	20% Cellulose	30% Ca Carbonate 50% Non-fibrous (Other)	None Detected

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		Non-Asbestos		Asbestos	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
This is a composite result of both vinyl and backing layer					
CCA-100-06-02-Mastic 091818089-0017A	RESTROOMS, STAFF AREA + SOME CLASSROOMS - VINYL SHEET FLOORING, LT. GREY SPECKLED WITH GREY BACKING + TAN + BLACK MASTIC				Not Submitted
No Mastic present in sample					
CCA-100-06-03-Vinyl Sheet Flooring 091818089-0018	RESTROOMS, STAFF AREA + SOME CLASSROOMS - VINYL SHEET FLOORING, LT. GREY SPECKLED WITH GREY BACKING + TAN + BLACK MASTIC	Gray Fibrous Homogeneous	20% Cellulose	30% Ca Carbonate 50% Non-fibrous (Other)	None Detected
This is a composite result of both vinyl and backing layer					
CCA-100-06-03-Mastic 091818089-0018A	RESTROOMS, STAFF AREA + SOME CLASSROOMS - VINYL SHEET FLOORING, LT. GREY SPECKLED WITH GREY BACKING + TAN + BLACK MASTIC	Tan Non-Fibrous Homogeneous	4% Cellulose	40% Matrix 56% Non-fibrous (Other)	None Detected
CCA-100-07-01-VFT 091818089-0019	CENTER RECEPTION AREA - VFT, 12"X12", DARK BLUE WITH BEIGE MASTIC	Blue Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-100-07-01-Mastic 091818089-0019A	CENTER RECEPTION AREA - VFT, 12"X12", DARK BLUE WITH BEIGE MASTIC	Tan/Black Non-Fibrous Homogeneous	3% Cellulose	40% Matrix 57% Non-fibrous (Other)	None Detected
CCA-100-07-02-VFT 091818089-0020	CENTER RECEPTION AREA - VFT, 12"X12", DARK BLUE WITH BEIGE MASTIC	Blue Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
CCA-100-07-02-Mastic 091818089-0020A	CENTER RECEPTION AREA - VFT, 12"X12", DARK BLUE WITH BEIGE MASTIC	Tan Non-Fibrous Homogeneous		40% Matrix 60% Non-fibrous (Other)	None Detected
CCA-100-08-01 091818089-0021	VARIOUS WEST CLASSROOMS + HALLWAYS - CARPET MASTIC, TAN, WITH BLACK REMNANT MASTIC	Tan Non-Fibrous Homogeneous	3% Cellulose	70% Matrix 27% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-100-08-02-Mastic 091818089-0022	VARIOUS WEST CLASSROOMS + HALLWAYS - CARPET MASTIC, TAN, WITH BLACK REMNANT MASTIC	Tan Non-Fibrous Homogeneous	2% Cellulose	65% Matrix 33% Non-fibrous (Other)	None Detected
CCA-100-08-02-Mastic 2 091818089-0022A	VARIOUS WEST CLASSROOMS + HALLWAYS - CARPET MASTIC, TAN, WITH BLACK REMNANT MASTIC	Black Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-100-08-03-Mastic 091818089-0023	VARIOUS WEST CLASSROOMS + HALLWAYS - CARPET MASTIC, TAN, WITH BLACK REMNANT MASTIC	Tan Non-Fibrous Homogeneous	3% Cellulose	65% Matrix 32% Non-fibrous (Other)	None Detected
CCA-100-08-03-Mastic 2 091818089-0023A	VARIOUS WEST CLASSROOMS + HALLWAYS - CARPET MASTIC, TAN, WITH BLACK REMNANT MASTIC	Black Non-Fibrous Homogeneous		50% Matrix 48% Non-fibrous (Other)	2% Chrysotile
CCA-100-09-01 091818089-0024	THROUGHOUT UNDER CARPETING + TILE - BLACK FLOOR MASTIC	Tan/Black Non-Fibrous Homogeneous		70% Matrix 28% Non-fibrous (Other)	2% Chrysotile
CCA-100-09-02 091818089-0025	THROUGHOUT UNDER CARPETING + TILE - BLACK FLOOR MASTIC				Positive Stop (Not Analyzed)
CCA-100-09-03 091818089-0026	THROUGHOUT UNDER CARPETING + TILE - BLACK FLOOR MASTIC				Positive Stop (Not Analyzed)
CCA-100-10-01-Vinyl Cove Base 091818089-0027	VARIOUS WEST CLASSROOMS + HALLWAYS - VINYL COVEBASE, 4" DARK GREY W/ BEIGE ADHESIVE	Gray Non-Fibrous Homogeneous		50% Ca Carbonate 35% Matrix 15% Non-fibrous (Other)	None Detected
CCA-100-10-01-Adhesive 091818089-0027A	VARIOUS WEST CLASSROOMS + HALLWAYS - VINYL COVEBASE, 4" DARK GREY W/ BEIGE ADHESIVE	Tan Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-100-10-02-Vinyl Cove Base 091818089-0028	VARIOUS WEST CLASSROOMS + HALLWAYS - VINYL COVEBASE, 4" DARK GREY W/ BEIGE ADHESIVE	Gray Non-Fibrous Homogeneous		50% Ca Carbonate 30% Matrix 20% Non-fibrous (Other)	None Detected
CCA-100-10-02-Adhesive 091818089-0028A	VARIOUS WEST CLASSROOMS + HALLWAYS - VINYL COVEBASE, 4" DARK GREY W/ BEIGE ADHESIVE	Tan Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-100-10-03-Vinyl Cove Base 091818089-0029	VARIOUS WEST CLASSROOMS + HALLWAYS - VINYL COVEBASE, 4" DARK GREY W/ BEIGE ADHESIVE	Gray Non-Fibrous Homogeneous		50% Ca Carbonate 40% Matrix 10% Non-fibrous (Other)	None Detected
CCA-100-10-03-Adhesive 091818089-0029A	VARIOUS WEST CLASSROOMS + HALLWAYS - VINYL COVEBASE, 4" DARK GREY W/ BEIGE ADHESIVE	Tan Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
CCA-100-11-01-Drywall 091818089-0030	WALLS + CEILINGS THROUGHOUT SITE - DRYWALL + JOINT COMPOUND	White Non-Fibrous Homogeneous	2% Cellulose	70% Gypsum 28% Non-fibrous (Other)	None Detected
CCA-100-11-01-Joint Compound 091818089-0030A	WALLS + CEILINGS THROUGHOUT SITE - DRYWALL + JOINT COMPOUND	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-100-11-02-Drywall 091818089-0031	WALLS + CEILINGS THROUGHOUT SITE - DRYWALL + JOINT COMPOUND	White Non-Fibrous Homogeneous	2% Cellulose	70% Gypsum 28% Non-fibrous (Other)	None Detected
CCA-100-11-02-Joint Compound 091818089-0031A	WALLS + CEILINGS THROUGHOUT SITE - DRYWALL + JOINT COMPOUND	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-100-11-03-Drywall 091818089-0032	WALLS + CEILINGS THROUGHOUT SITE - DRYWALL + JOINT COMPOUND	White Non-Fibrous Homogeneous	3% Cellulose	70% Gypsum 27% Non-fibrous (Other)	None Detected
CCA-100-11-03-Joint Compound 091818089-0032A	WALLS + CEILINGS THROUGHOUT SITE - DRYWALL + JOINT COMPOUND	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-100-11-04-Drywall 091818089-0033	WALLS + CEILINGS THROUGHOUT SITE - DRYWALL + JOINT COMPOUND	White Non-Fibrous Homogeneous	2% Cellulose	70% Gypsum 28% Non-fibrous (Other)	None Detected
CCA-100-11-04-Joint Compound 091818089-0033A	WALLS + CEILINGS THROUGHOUT SITE - DRYWALL + JOINT COMPOUND	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-100-11-05-Drywall 091818089-0034	WALLS + CEILINGS THROUGHOUT SITE - DRYWALL + JOINT COMPOUND	White Non-Fibrous Homogeneous	2% Cellulose	70% Gypsum 28% Non-fibrous (Other)	None Detected
CCA-100-11-05-Joint Compound 091818089-0034A	WALLS + CEILINGS THROUGHOUT SITE - DRYWALL + JOINT COMPOUND	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-100-11-06-Drywall 091818089-0035	WALLS + CEILINGS THROUGHOUT SITE - DRYWALL + JOINT COMPOUND	White Non-Fibrous Homogeneous	3% Cellulose	70% Gypsum 27% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-100-11-06-Joint Compound <i>091818089-0035A</i>	WALLS + CEILINGS THROUGHOUT SITE - DRYWALL + JOINT COMPOUND	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-100-11-06 Texture <i>091818089-0035B</i>	WALLS + CEILINGS THROUGHOUT SITE - DRYWALL + JOINT COMPOUND	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
CCA-100-11-07-Drywall <i>091818089-0036</i>	WALLS + CEILINGS THROUGHOUT SITE - DRYWALL + JOINT COMPOUND	White Non-Fibrous Homogeneous	2% Cellulose	70% Gypsum 28% Non-fibrous (Other)	None Detected
CCA-100-11-07-Joint Compound <i>091818089-0036A</i>	WALLS + CEILINGS THROUGHOUT SITE - DRYWALL + JOINT COMPOUND	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
CCA-100-11-07-Texture <i>091818089-0036B</i>	WALLS + CEILINGS THROUGHOUT SITE - DRYWALL + JOINT COMPOUND	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
CCA-100-12-01-Masonite Paneling <i>091818089-0037</i>	MEN'S + WOMEN'S RESTROOMS AT LOWER WALLS - MASONITE LOWER WALL PANELING GREY MARBLE PATTERN W/ TAN ADHESIVE	White Non-Fibrous Homogeneous		30% Matrix 70% Non-fibrous (Other)	None Detected
CCA-100-12-01-Adhesive <i>091818089-0037A</i>	MEN'S + WOMEN'S RESTROOMS AT LOWER WALLS - MASONITE LOWER WALL PANELING GREY MARBLE PATTERN W/ TAN ADHESIVE	Tan Non-Fibrous Homogeneous		50% Matrix 50% Non-fibrous (Other)	None Detected
CCA-100-12-01-Compound <i>091818089-0037B</i>	MEN'S + WOMEN'S RESTROOMS AT LOWER WALLS - MASONITE LOWER WALL PANELING GREY MARBLE PATTERN W/ TAN ADHESIVE	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
CCA-100-12-02-Masonite Paneling <i>091818089-0038</i>	MEN'S + WOMEN'S RESTROOMS AT LOWER WALLS - MASONITE LOWER WALL PANELING GREY MARBLE PATTERN W/ TAN ADHESIVE	Gray Non-Fibrous Homogeneous		35% Matrix 65% Non-fibrous (Other)	None Detected
CCA-100-12-02-Adhesive <i>091818089-0038A</i>	MEN'S + WOMEN'S RESTROOMS AT LOWER WALLS - MASONITE LOWER WALL PANELING GREY MARBLE PATTERN W/ TAN ADHESIVE	Tan Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-100-12-03-Masonite Paneling 091818089-0039	MEN'S + WOMEN'S RESTROOMS AT LOWER WALLS - MASONITE LOWER WALL PANELING GREY MARBLE PATTERN W/ TAN ADHESIVE	Gray Non-Fibrous Homogeneous		30% Matrix 70% Non-fibrous (Other)	None Detected
CCA-100-12-03-Adhesive 091818089-0039A	MEN'S + WOMEN'S RESTROOMS AT LOWER WALLS - MASONITE LOWER WALL PANELING GREY MARBLE PATTERN W/ TAN ADHESIVE	Tan Non-Fibrous Homogeneous		65% Matrix 35% Non-fibrous (Other)	None Detected
CCA-100-13-01-Vinyl Sheet Flooring 091818089-0040 <i>This is a composite result of both vinyl and backing layer</i>	JANITORS ROOM IN MEN'S RESTROOM - VINYL SHEET FLOORING, PINK W/ BLUE SPECS	Pink Fibrous Homogeneous	15% Cellulose	30% Ca Carbonate 55% Non-fibrous (Other)	None Detected
CCA-100-13-01-Mastic 091818089-0040A	JANITORS ROOM IN MEN'S RESTROOM - VINYL SHEET FLOORING, PINK W/ BLUE SPECS	Tan Non-Fibrous Homogeneous	3% Cellulose	40% Matrix 57% Non-fibrous (Other)	None Detected
CCA-100-13-02 091818089-0041 <i>This is a composite result of both vinyl and backing layer</i>	JANITORS ROOM IN MEN'S RESTROOM - VINYL SHEET FLOORING, PINK W/ BLUE SPECS	Blue/Pink Fibrous Homogeneous	15% Cellulose	30% Ca Carbonate 55% Non-fibrous (Other)	None Detected
CCA-100-13-03 091818089-0042 <i>This is a composite result of both vinyl and backing layer</i>	JANITORS ROOM IN MEN'S RESTROOM - VINYL SHEET FLOORING, PINK W/ BLUE SPECS	Blue/Pink Fibrous Homogeneous	17% Cellulose	30% Ca Carbonate 53% Non-fibrous (Other)	None Detected
CCA-100-14-01-Ceramic Tile 091818089-0043	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR	Gray/White Non-Fibrous Homogeneous		100% Quartz	None Detected
CCA-100-14-01-Mortar 091818089-0043A	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR	Gray Non-Fibrous Homogeneous		5% Quartz 80% Ca Carbonate 15% Non-fibrous (Other)	None Detected
CCA-100-14-01-Grout 091818089-0043B	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR	Gray Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected

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EMSL Order: 091818089

Customer ID: TETE77

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
CCA-100-14-01-Felt 091818089-0043C	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR	Tan/Yellow Fibrous Homogeneous	100% Cellulose		None Detected
CCA-100-14-02-Ceramic Tile 091818089-0044	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR	Gray/White Non-Fibrous Homogeneous		100% Quartz	None Detected
CCA-100-14-02-Mortar 091818089-0044A	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR	Gray Non-Fibrous Homogeneous		2% Quartz 90% Ca Carbonate 8% Non-fibrous (Other)	None Detected
CCA-100-14-02-Grout 091818089-0044B	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR	Gray Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected
CCA-100-14-02-Felt 091818089-0044C	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR	Tan/Yellow Fibrous Homogeneous	100% Cellulose		None Detected
CCA-100-14-03-Ceramic Tile 091818089-0045	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR	Gray Non-Fibrous Homogeneous		100% Quartz	None Detected
CCA-100-14-03-Mortar 091818089-0045A	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR	Gray Non-Fibrous Homogeneous		2% Quartz 90% Ca Carbonate 8% Non-fibrous (Other)	None Detected
CCA-100-14-03-Grout 091818089-0045B	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR	Gray Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected
CCA-100-14-03-Felt 091818089-0045C	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR	Tan/Yellow Fibrous Homogeneous	100% Cellulose		None Detected
CCA-100-15-01-Ceramic Tile 091818089-0046	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE	Tan Non-Fibrous Homogeneous		100% Quartz	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-100-15-01-Mortar 091818089-0046A	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE	Beige Non-Fibrous Homogeneous		5% Quartz 80% Ca Carbonate 15% Non-fibrous (Other)	None Detected
CCA-100-15-01-Grout 091818089-0046B	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE				Not Submitted
No Grout present in sample					
CCA-100-15-01-Adhesive 091818089-0046C	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE	Tan/White Non-Fibrous Homogeneous		90% Matrix 10% Non-fibrous (Other)	None Detected
CCA-100-15-02-Ceramic Tile 091818089-0047	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE	Tan Non-Fibrous Homogeneous		100% Quartz	None Detected
CCA-100-15-02-Mortar 091818089-0047A	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE	Tan Non-Fibrous Homogeneous		2% Quartz 90% Ca Carbonate 8% Non-fibrous (Other)	None Detected
CCA-100-15-02-Grout 091818089-0047B	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE	Brown/Tan Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected
CCA-100-15-02-Adhesive 091818089-0047C	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE				Not Submitted
No Adhesive present in sample					
CCA-100-15-03-Ceramic Tile 091818089-0048	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE	Tan Non-Fibrous Homogeneous		100% Quartz	None Detected
CCA-100-15-03-Mortar 091818089-0048A	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE	White Non-Fibrous Homogeneous		2% Quartz 90% Ca Carbonate 8% Non-fibrous (Other)	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	% Fibrous	Non-Asbestos	Asbestos
				% Non-Fibrous	% Type
CCA-100-15-03-Grout 091818089-0048B	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE	Brown/Tan Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected
CCA-100-15-03-Adhesive 091818089-0048C	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE	Tan/White Non-Fibrous Homogeneous		90% Matrix 10% Non-fibrous (Other)	None Detected
CCA-100-16-01 091818089-0049	WEST END HALLWAYS + CLASSROOMS - WALL TEXTURING, HEAVY SPLATTER <i>Inseparable paint / coating layer included in analysis</i>	Gray/White Non-Fibrous Homogeneous		15% Ca Carbonate 70% Matrix 15% Non-fibrous (Other)	None Detected
CCA-100-16-02 091818089-0050	WEST END HALLWAYS + CLASSROOMS - WALL TEXTURING, HEAVY SPLATTER <i>Inseparable paint / coating layer included in analysis</i>	Gray/White Non-Fibrous Homogeneous		15% Ca Carbonate 70% Matrix 15% Non-fibrous (Other)	None Detected
CCA-100-16-03 091818089-0051	WEST END HALLWAYS + CLASSROOMS - WALL TEXTURING, HEAVY SPLATTER <i>Inseparable paint / coating layer included in analysis</i>	Gray/White Non-Fibrous Homogeneous		15% Ca Carbonate 70% Matrix 15% Non-fibrous (Other)	None Detected
CCA-100-17-01 091818089-0052	LAY-IN CEILING THROUGHOUT - ACOUSTICAL CEILING PANELS, 2'X4' LAY-IN, WHITE W/ WORMHOLE PATTERNS	Brown/Gray Fibrous Homogeneous	20% Cellulose 70% Min. Wool	10% Non-fibrous (Other)	None Detected
CCA-100-17-02 091818089-0053	LAY-IN CEILING THROUGHOUT - ACOUSTICAL CEILING PANELS, 2'X4' LAY-IN, WHITE W/ WORMHOLE PATTERNS	Brown/Gray Fibrous Homogeneous	20% Cellulose 70% Min. Wool	10% Non-fibrous (Other)	None Detected
CCA-100-17-03 091818089-0054	LAY-IN CEILING THROUGHOUT - ACOUSTICAL CEILING PANELS, 2'X4' LAY-IN, WHITE W/ WORMHOLE PATTERNS	Brown/Gray Fibrous Homogeneous	20% Cellulose 70% Min. Wool	10% Non-fibrous (Other)	None Detected
CCA-100-18-01-Cove Base 091818089-0055	FRONT OFFICE + VARIOUS CLASSROOMS - VINYL COVEBASE, 7" GREY W/ BEIGE ADHESIVE	Gray Non-Fibrous Homogeneous		100% Matrix	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-100-18-01-Adhesive 091818089-0055A	FRONT OFFICE + VARIOUS CLASSROOMS - VINYL COVEBASE, 7" GREY W/ BEIGE ADHESIVE	Tan/Beige Non-Fibrous Homogeneous		90% Matrix 10% Non-fibrous (Other)	None Detected
CCA-100-18-02-Cove Base 091818089-0056	FRONT OFFICE + VARIOUS CLASSROOMS - VINYL COVEBASE, 7" GREY W/ BEIGE ADHESIVE	Gray Non-Fibrous Homogeneous		100% Matrix	None Detected
CCA-100-18-02-Adhesive 091818089-0056A	FRONT OFFICE + VARIOUS CLASSROOMS - VINYL COVEBASE, 7" GREY W/ BEIGE ADHESIVE	Tan/White Non-Fibrous Homogeneous		90% Matrix 10% Non-fibrous (Other)	None Detected
CCA-100-18-03-Cove Base 091818089-0057	FRONT OFFICE + VARIOUS CLASSROOMS - VINYL COVEBASE, 7" GREY W/ BEIGE ADHESIVE	Gray Non-Fibrous Homogeneous		100% Matrix	None Detected
CCA-100-18-03-Adhesive 091818089-0057A	FRONT OFFICE + VARIOUS CLASSROOMS - VINYL COVEBASE, 7" GREY W/ BEIGE ADHESIVE	Beige Non-Fibrous Homogeneous		90% Matrix 10% Non-fibrous (Other)	None Detected
CCA-100-19-01 091818089-0058	VARIOUS AREAS UNDER CARPETING + VINYL FLOORING - FLOOR LEVELING COMPOUND, WHITE	Tan/White Non-Fibrous Homogeneous		80% Ca Carbonate 18% Non-fibrous (Other)	2% Chrysotile
CCA-100-19-02 091818089-0059	VARIOUS AREAS UNDER CARPETING + VINYL FLOORING - FLOOR LEVELING COMPOUND, WHITE				Positive Stop (Not Analyzed)
CCA-100-20-01 091818089-0060	EXTERIOR WALL ON CONCRETE - EXTERIOR WALL TEXTURING	Gray Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected
CCA-100-20-02 091818089-0061	EXTERIOR WALL ON CONCRETE - EXTERIOR WALL TEXTURING	Brown/Gray Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected
CCA-100-20-03 091818089-0062	EXTERIOR WALL ON CONCRETE - EXTERIOR WALL TEXTURING	Brown/Gray Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected

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Analyst(s)

Beheshta Ahadi (82)

Oscar Merino (38)

Matthew Batongbacal
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

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Project ID:

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Project: USPS CCA 103G3817119.01

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Received Date: 08/17/2018 9:15 AM
Analysis Date: 08/27/2018 - 08/28/2018
Collected Date: 08/15/2018

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-100-01-01-VF T 091818089-0001	FRONT (EAST) BREAK AREA + HALLWAYS + KITCHEN - VFT, 12"X12" WHITE W/ GREY SPECS AND BLACK MASTIC	White Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-01-01-Ma stic 091818089-0001A	FRONT (EAST) BREAK AREA + HALLWAYS + KITCHEN - VFT, 12"X12" WHITE W/ GREY SPECS AND BLACK MASTIC				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			
CCA-100-01-02-VF T 091818089-0002	FRONT (EAST) BREAK AREA + HALLWAYS + KITCHEN - VFT, 12"X12" WHITE W/ GREY SPECS AND BLACK MASTIC	White Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-01-02-Ma stic 091818089-0002A	FRONT (EAST) BREAK AREA + HALLWAYS + KITCHEN - VFT, 12"X12" WHITE W/ GREY SPECS AND BLACK MASTIC				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			
CCA-100-01-03-VF T 091818089-0003	FRONT (EAST) BREAK AREA + HALLWAYS + KITCHEN - VFT, 12"X12" WHITE W/ GREY SPECS AND BLACK MASTIC	White Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-01-03-Ma stic 091818089-0003A	FRONT (EAST) BREAK AREA + HALLWAYS + KITCHEN - VFT, 12"X12" WHITE W/ GREY SPECS AND BLACK MASTIC				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			
CCA-100-02-01-VF T 091818089-0004	FRONT (EAST) BREAK AREA, KITCHEN + HALLWAYS AT PERIMETER WALLS - VFT, 12"X12" LT. GREY W/ WHITE SPECS AND BLACK MASTIC	White/Blue Fibrous Homogeneous	100	None	No Asbestos Detected

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA

Initial report from: 08/29/2018 14:01:34



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Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-100-02-01-Ma stic 091818089-0004A	FRONT (EAST) BREAK AREA, KITCHEN + HALLWAYS AT PERIMETER WALLS - VFT, 12"X12" LT. GREY W/ WHITE SPECS AND BLACK MASTIC Insufficient Material				
There is an insufficient amount of material for gravimetric reduction.					
CCA-100-02-01-Ma stic 2 091818089-0004B	FRONT (EAST) BREAK AREA, KITCHEN + HALLWAYS AT PERIMETER WALLS - VFT, 12"X12" LT. GREY W/ WHITE SPECS AND BLACK MASTIC Insufficient Material				
There is an insufficient amount of material for gravimetric reduction.					
CCA-100-02-02-VF T 091818089-0005	FRONT (EAST) BREAK AREA, KITCHEN + HALLWAYS AT PERIMETER WALLS - VFT, 12"X12" LT. GREY W/ WHITE SPECS AND BLACK MASTIC	White/Blue Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-02-02-Ma stic 091818089-0005A	FRONT (EAST) BREAK AREA, KITCHEN + HALLWAYS AT PERIMETER WALLS - VFT, 12"X12" LT. GREY W/ WHITE SPECS AND BLACK MASTIC Insufficient Material				
There is an insufficient amount of material for gravimetric reduction.					
CCA-100-02-03-VF T 091818089-0006	FRONT (EAST) BREAK AREA, KITCHEN + HALLWAYS AT PERIMETER WALLS - VFT, 12"X12" LT. GREY W/ WHITE SPECS AND BLACK MASTIC	White/Blue Fibrous Homogeneous	100	None	No Asbestos Detected

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Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-100-02-03-Ma stic 091818089-0006A	FRONT (EAST) BREAK AREA, KITCHEN + HALLWAYS AT PERIMETER WALLS - VFT, 12"X12" LT. GREY W/ WHITE SPECS AND BLACK MASTIC				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			
CCA-100-03-01-VF T 091818089-0007	FRONT (EAST) BREAK AREA + KITCHEN - VFT, 12"X12" GREY W/ WHITE SPECS AND TAN+ BLACK MASTIC	Gray/White Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-03-01-Ma stic 091818089-0007A	FRONT (EAST) BREAK AREA + KITCHEN - VFT, 12"X12" GREY W/ WHITE SPECS AND TAN+ BLACK MASTIC				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			
CCA-100-03-02-VF T 091818089-0008	FRONT (EAST) BREAK AREA + KITCHEN - VFT, 12"X12" GREY W/ WHITE SPECS AND TAN+ BLACK MASTIC	White/Blue Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-03-02-Ma stic 091818089-0008A	FRONT (EAST) BREAK AREA + KITCHEN - VFT, 12"X12" GREY W/ WHITE SPECS AND TAN+ BLACK MASTIC				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			
CCA-100-03-03-VF T 091818089-0009	FRONT (EAST) BREAK AREA + KITCHEN - VFT, 12"X12" GREY W/ WHITE SPECS AND TAN+ BLACK MASTIC	White/Blue Fibrous Homogeneous	100	None	No Asbestos Detected

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Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-100-03-03-Ma stic 091818089-0009A	FRONT (EAST) BREAK AREA + KITCHEN - VFT, 12"X12" GREY W/ WHITE SPECS AND TAN+ BLACK MASTIC				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			
CCA-100-04-01-Vin yl Cove Base 091818089-0010	FRONT (EAST) BREAK AREA, KITCHEN, HALLWAYS, RECEPTION, STAFF ROOMS + CLASSROOMS - VINYL COVEBASE, 7" BROWN W/ BEIGE ADHESIVE	Brown Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-04-01-Adh esive 091818089-0010A	FRONT (EAST) BREAK AREA, KITCHEN, HALLWAYS, RECEPTION, STAFF ROOMS + CLASSROOMS - VINYL COVEBASE, 7" BROWN W/ BEIGE ADHESIVE	Tan/White Fibrous Heterogeneous	100	None	No Asbestos Detected
CCA-100-04-02-Vin yl Cove Base 091818089-0011	FRONT (EAST) BREAK AREA, KITCHEN, HALLWAYS, RECEPTION, STAFF ROOMS + CLASSROOMS - VINYL COVEBASE, 7" BROWN W/ BEIGE ADHESIVE	Brown Fibrous Heterogeneous	100	None	No Asbestos Detected
CCA-100-04-02-Adh esive 091818089-0011A	FRONT (EAST) BREAK AREA, KITCHEN, HALLWAYS, RECEPTION, STAFF ROOMS + CLASSROOMS - VINYL COVEBASE, 7" BROWN W/ BEIGE ADHESIVE				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA

Initial report from: 08/29/2018 14:01:34



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Analysis Date: 08/27/2018 - 08/28/2018
Collected Date: 08/15/2018

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-100-04-03-Vin yl Cove Base 091818089-0012	FRONT (EAST) BREAK AREA, KITCHEN, HALLWAYS, RECEPTION, STAFF ROOMS + CLASSROOMS - VINYL COVEBASE, 7" BROWN W/ BEIGE ADHESIVE	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-04-03-Adh esive 091818089-0012A	FRONT (EAST) BREAK AREA, KITCHEN, HALLWAYS, RECEPTION, STAFF ROOMS + CLASSROOMS - VINYL COVEBASE, 7" BROWN W/ BEIGE ADHESIVE				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			
CCA-100-05-01-VF T 091818089-0013	KITCHEN - VFT, 12"X12", TAN W/ SQUARES PATTERN AND CLEAR AND BLACK MASTIC	Brown/Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-05-01-Ma stic 091818089-0013A	KITCHEN - VFT, 12"X12", TAN W/ SQUARES PATTERN AND CLEAR AND BLACK MASTIC				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			
CCA-100-05-01-Lev eler 091818089-0013B	KITCHEN - VFT, 12"X12", TAN W/ SQUARES PATTERN AND CLEAR AND BLACK MASTIC				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			
CCA-100-05-02-VF T 091818089-0014	KITCHEN - VFT, 12"X12", TAN W/ SQUARES PATTERN AND CLEAR AND BLACK MASTIC	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-05-02-Ma stic 091818089-0014A	KITCHEN - VFT, 12"X12", TAN W/ SQUARES PATTERN AND CLEAR AND BLACK MASTIC				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			

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Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-100-05-02-Lev eler 091818089-0014B	KITCHEN - VFT, 12"X12", TAN W/ SQUARES PATTERN AND CLEAR AND BLACK MASTIC				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			
CCA-100-05-03-VF T 091818089-0015	KITCHEN - VFT, 12"X12", TAN W/ SQUARES PATTERN AND CLEAR AND BLACK MASTIC	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-05-03-Ma stic 091818089-0015A	KITCHEN - VFT, 12"X12", TAN W/ SQUARES PATTERN AND CLEAR AND BLACK MASTIC				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			
CCA-100-06-01-Vin yl Sheet Flooring 091818089-0016	RESTROOMS, STAFF AREA + SOME CLASSROOMS - VINYL SHEET FLOORING, LT. GREY SPECKLED WITH GREY BACKING + TAN + BLACK MASTIC	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-06-01-Ma stic 091818089-0016A	RESTROOMS, STAFF AREA + SOME CLASSROOMS - VINYL SHEET FLOORING, LT. GREY SPECKLED WITH GREY BACKING + TAN + BLACK MASTIC				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			
CCA-100-06-02-Vin yl Sheet Flooring 091818089-0017	RESTROOMS, STAFF AREA + SOME CLASSROOMS - VINYL SHEET FLOORING, LT. GREY SPECKLED WITH GREY BACKING + TAN + BLACK MASTIC	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected

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Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-100-06-03-Vin yl Sheet Flooring 091818089-0018	RESTROOMS, STAFF AREA + SOME CLASSROOMS - VINYL SHEET FLOORING, LT. GREY SPECKLED WITH GREY BACKING + TAN + BLACK MASTIC	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-06-03-Ma stic 091818089-0018A	RESTROOMS, STAFF AREA + SOME CLASSROOMS - VINYL SHEET FLOORING, LT. GREY SPECKLED WITH GREY BACKING + TAN + BLACK MASTIC				
Insufficient Material					
There is an insufficient amount of material for gravimetric reduction.					
CCA-100-07-01-VF T 091818089-0019	CENTER RECEPTION AREA - VFT, 12"X12", DARK BLUE WITH BEIGE MASTIC	Blue Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-07-01-Ma stic 091818089-0019A	CENTER RECEPTION AREA - VFT, 12"X12", DARK BLUE WITH BEIGE MASTIC				
Insufficient Material					
There is an insufficient amount of material for gravimetric reduction.					
CCA-100-07-02-VF T 091818089-0020	CENTER RECEPTION AREA - VFT, 12"X12", DARK BLUE WITH BEIGE MASTIC	Blue Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-07-02-Ma stic 091818089-0020A	CENTER RECEPTION AREA - VFT, 12"X12", DARK BLUE WITH BEIGE MASTIC				
Insufficient Material					
There is an insufficient amount of material for gravimetric reduction.					
CCA-100-10-01-Vin yl Cove Base 091818089-0027	VARIOUS WEST CLASSROOMS + HALLWAYS - VINYL COVEBASE, 4" DARK GREY W/ BEIGE ADHESIVE	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected

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Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-100-10-01-Adhesive 091818089-0027A	VARIOUS WEST CLASSROOMS + HALLWAYS - VINYL COVEBASE, 4" DARK GREY W/ BEIGE ADHESIVE	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-10-02-Vinyl Cove Base 091818089-0028	VARIOUS WEST CLASSROOMS + HALLWAYS - VINYL COVEBASE, 4" DARK GREY W/ BEIGE ADHESIVE	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-10-02-Adhesive 091818089-0028A	VARIOUS WEST CLASSROOMS + HALLWAYS - VINYL COVEBASE, 4" DARK GREY W/ BEIGE ADHESIVE				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			
CCA-100-10-03-Vinyl Cove Base 091818089-0029	VARIOUS WEST CLASSROOMS + HALLWAYS - VINYL COVEBASE, 4" DARK GREY W/ BEIGE ADHESIVE	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-10-03-Adhesive 091818089-0029A	VARIOUS WEST CLASSROOMS + HALLWAYS - VINYL COVEBASE, 4" DARK GREY W/ BEIGE ADHESIVE	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-12-01-Masonite Paneling 091818089-0037	MEN'S + WOMEN'S RESTROOMS AT LOWER WALLS - MASONITE LOWER WALL PANELING GREY MARBLE PATTERN W/ TAN ADHESIVE	White Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-12-01-Adhesive 091818089-0037A	MEN'S + WOMEN'S RESTROOMS AT LOWER WALLS - MASONITE LOWER WALL PANELING GREY MARBLE PATTERN W/ TAN ADHESIVE	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected

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Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-100-12-02-Ma sonite Paneling 091818089-0038	MEN'S + WOMEN'S RESTROOMS AT LOWER WALLS - MASONITE LOWER WALL PANELING GREY MARBLE PATTERN W/ TAN ADHESIVE	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-12-02-Adh esive 091818089-0038A	MEN'S + WOMEN'S RESTROOMS AT LOWER WALLS - MASONITE LOWER WALL PANELING GREY MARBLE PATTERN W/ TAN ADHESIVE	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-12-03-Ma sonite Paneling 091818089-0039	MEN'S + WOMEN'S RESTROOMS AT LOWER WALLS - MASONITE LOWER WALL PANELING GREY MARBLE PATTERN W/ TAN ADHESIVE	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-12-03-Adh esive 091818089-0039A	MEN'S + WOMEN'S RESTROOMS AT LOWER WALLS - MASONITE LOWER WALL PANELING GREY MARBLE PATTERN W/ TAN ADHESIVE				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			
CCA-100-13-01-Vin yl Sheet Flooring 091818089-0040	JANITORS ROOM IN MEN'S RESTROOM - VINYL SHEET FLOORING, PINK W/ BLUE SPECS	Pink Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-13-01-Ma stic 091818089-0040A	JANITORS ROOM IN MEN'S RESTROOM - VINYL SHEET FLOORING, PINK W/ BLUE SPECS				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			

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Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-100-13-02 091818089-0041	JANITORS ROOM IN MEN'S RESTROOM - VINYL SHEET FLOORING, PINK W/ BLUE SPECS	Blue/Pink Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-13-03 091818089-0042	JANITORS ROOM IN MEN'S RESTROOM - VINYL SHEET FLOORING, PINK W/ BLUE SPECS	Blue/Pink Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-14-01-Mor tar 091818089-0043A	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-14-01-Gro ut 091818089-0043B	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			
CCA-100-14-02-Mor tar 091818089-0044A	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-14-02-Gro ut 091818089-0044B	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			
CCA-100-14-03-Mor tar 091818089-0045A	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR				
Insufficient Material		There is an insufficient amount of material for gravimetric reduction.			

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Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-100-14-03-Gro ut 091818089-0045B	MEN'S RESTROOM SHOWERS - CERAMIC FLOOR TILE, GREY, 2"X2" W/ GROUT AND MORTAR	Insufficient Material			
There is an insufficient amount of material for gravimetric reduction.					
CCA-100-15-01-Mor tar 091818089-0046A	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE	Insufficient Material			
There is an insufficient amount of material for gravimetric reduction.					
CCA-100-15-01-Adh esive 091818089-0046C	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE	Insufficient Material			
There is an insufficient amount of material for gravimetric reduction.					
CCA-100-15-02-Mor tar 091818089-0047A	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE	Insufficient Material			
There is an insufficient amount of material for gravimetric reduction.					
CCA-100-15-02-Gro ut 091818089-0047B	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE	Insufficient Material			
There is an insufficient amount of material for gravimetric reduction.					
CCA-100-15-03-Mor tar 091818089-0048A	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE	Insufficient Material			
There is an insufficient amount of material for gravimetric reduction.					

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Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-100-15-03-Gro ut 091818089-0048B	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE	Brown/Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-15-03-Adh esive 091818089-0048C	MEN'S RESTROOM SHOWERS - CERAMIC WALL TILE, TAN 4"X4" W/ GROUT, MORTAR + ADHESIVE	Tan/White Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-16-01 091818089-0049	WEST END HALLWAYS + CLASSROOMS - WALL TEXTURING, HEAVY SPLATTER	Gray/White Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-16-02 091818089-0050	WEST END HALLWAYS + CLASSROOMS - WALL TEXTURING, HEAVY SPLATTER	Gray/White Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-16-03 091818089-0051	WEST END HALLWAYS + CLASSROOMS - WALL TEXTURING, HEAVY SPLATTER	Gray/White Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-18-01-Cov e Base 091818089-0055	FRONT OFFICE + VARIOUS CLASSROOMS - VINYL COVEBASE, 7" GREY W/ BEIGE ADHESIVE	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-18-01-Adh esive 091818089-0055A	FRONT OFFICE + VARIOUS CLASSROOMS - VINYL COVEBASE, 7" GREY W/ BEIGE ADHESIVE Insufficient Material				
There is an insufficient amount of material for gravimetric reduction.					
CCA-100-18-02-Cov e Base 091818089-0056	FRONT OFFICE + VARIOUS CLASSROOMS - VINYL COVEBASE, 7" GREY W/ BEIGE ADHESIVE	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected

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Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
CCA-100-18-02-Adhesive 091818089-0056A	FRONT OFFICE + VARIOUS CLASSROOMS - VINYL COVEBASE, 7" GREY W/ BEIGE ADHESIVE Insufficient Material				
There is an insufficient amount of material for gravimetric reduction.					
CCA-100-18-03-Cove Base 091818089-0057	FRONT OFFICE + VARIOUS CLASSROOMS - VINYL COVEBASE, 7" GREY W/ BEIGE ADHESIVE	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-18-03-Adhesive 091818089-0057A	FRONT OFFICE + VARIOUS CLASSROOMS - VINYL COVEBASE, 7" GREY W/ BEIGE ADHESIVE Insufficient Material				
There is an insufficient amount of material for gravimetric reduction.					
CCA-100-20-01 091818089-0060	EXTERIOR WALL ON CONCRETE - EXTERIOR WALL TEXTURING	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-20-02 091818089-0061	EXTERIOR WALL ON CONCRETE - EXTERIOR WALL TEXTURING	Brown/Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CCA-100-20-03 091818089-0062	EXTERIOR WALL ON CONCRETE - EXTERIOR WALL TEXTURING	Brown/Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected

Analyst(s)

Matthew Batongbacal (11)
Nonette Patron (36)

Matthew Batongbacal
or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA

Initial report from: 08/29/2018 14:01:34



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Phone/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091818089

Customer ID: TETE77

Customer PO:

Project ID:

Attention: Lona Pearson
Tetra Tech
2969 Prospect Park Drive
Suite 100
Rancho Cordova, CA 95670
Project: USPS CCA 103G3817119.01

Phone: (916) 853-4557
Fax: (916) 853-4550
Received: 08/17/2018 9:15 AM
Analysis Date: 09/21/2018
Collected: 08/15/2018

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy. Quantitation using 400 Point Count Procedure

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CCA-100-19-01 091818089-0058	VARIOUS AREAS UNDER CARPETING + VINYL FLOORING - FLOOR LEVELING COMPOUND, WHITE	Tan/White Non-Fibrous Homogeneous		99.75% Non-fibrous (Other)	0.25% Chrysotile

Analyst(s)

Shane Heisser (1)

Matthew Batongbacal
or other approved signatory

Disclaimer: Some samples may contain asbestos fibers present in dimensions below PLM resolution limits. The limit of detection as stated in the method is 0.25%. EMSL Analytical Inc suggests that samples reported as <0.25% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval of EMSL Analytical Inc. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc., bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layered samples. EMSL Analytical Inc., liability is limited to the cost of sample analysis. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial report from: 09/21/2018 12:30:28

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

091610089

San Leandro, CA 94577

PHONE: (510) 895-3675

FAX: (510) 895-3680

Company: Tetra Tech EM Inc		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 2969 Prospect Park Drive Suite 100		Third Party Billing requires written authorization from third party	
City: Rancho Cordova	State/Province: CA	Zip/Postal Code: 95670	Country: US
Report To (Name): Lona Pearson		Telephone #: 916/853-4557	
Email Address: lona.pearson@tetrattech.com		Fax #: 916/852-0307	Purchase Order: TETE77
Project Name/Number: USPS CCA 103G3817119.01		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: Seattle WA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☒ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PLM - Bulk (reporting limit)

- ☒ PLM EPA 600/R-93/116 (<1%)
☐ PLM EPA NOB (<1%)
 Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
 Point Count w/Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
☐ NIOSH 9002 (<1%)
☐ NY ELAP Method 198.1 (friable in NY)
☐ NY ELAP Method 198.6 NOB (non-friable-NY)
☐ OSHA ID-191 Modified
☐ Standard Addition Method

TEM - Bulk

- ☐ TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1
☐ NY ELAP Method 198.4 (TEM)
☐ Chatfield Protocol (semi-quantitative)
☐ TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2
☐ TEM Qualitative via Filtration Prep Technique
☐ TEM Qualitative via Drop Mount Prep Technique

Other

☐☐ Check For Positive Stop - Clearly Identify Homogenous Group

Date Sampled: 8/15/18

Samplers Name: MARK STOCKWELL

Samplers Signature:

Sample #	HA #	Sample Location	Material Description
CCA-100-01-01,02,03	01	FRONT (EAST) BREAK AREA + HALLWAYS + KITCHEN	VFT, 12" x 12", WHITE W/ GREY SPECS AND BLACK MASTIC
CCA-100-02-01,02,03	02	FRONT (EAST) BREAK AREA, KITCHEN + HALLWAYS AT PERIMETER WALLS	VFT, 12" x 12", LT. GREY W/ WHITE SPECS AND BLACK MASTIC
CCA-100-03-01,02,03	03	FRONT (EAST) BREAK AREA + KITCHEN	VFT 12" x 12" GREY W/ WHITE SPECS AND TAN + BLACK MASTIC
CCA-100-04-01,02,03	04	FRONT (EAST) BREAK AREA, KITCHEN, HALLWAYS RECEPTION, STAFF ROOMS + CLASSROOMS	VINYL COVERBASE, 7" BROWN W/ BEIGE ADHESIVE
CCA-100-05-01,02,03	05	KITCHEN	VFT 12" x 12" TAN W/ SQUARES PATTERN AND CLEAR AND BLACK MASTIC
CCA-100-06-01,02,03	06	RESTROOMS, STAFF AREA + SOME CLASSROOMS	VINYL SHEET FLOORING, LT. GREY SPECKLED WITH GREY BACKING + TAN + BLACK MASTIC
CCA-100-07-01,02,03	07	CENTRAL RECEPTION AREA	VFT 12" x 12", DARK BLUE WITH BEIGE MASTIC
CCA-100-08-01,02,03	08	VARIOUS WEST CLASSROOMS + HALLWAYS	CARPET MASTIC TAN, WITH BLACK REMNANT MASTIC
CCA-100-09-01,02,03	09	THROUGHOUT UNDER CARPETING + TILE	BLACK FLOOR MASTIC
CCA-100-10-01,02,03	10	VARIOUS WEST CLASSROOMS + HALLWAYS	VINYL COVERBASE, 4" DARK GREY W/ BEIGE ADHESIVE

Client Sample # (s):

Total # of Samples: 62

Relinquished (Client):

Date: 8/15/18

Time: 2:30

Received (Lab):

Date: 8/17/18

Time: 9:15AM

Comments/Special Instructions:

Samples to be analyzed by PLM. PLM results of non-friable, non-organically bound material with results of less than 1% (trace) or asbestos non-detected will be further analyzed by TEM. Include laboratory certifications with data package. Call Lona Pearson at 916.997.8085 with questions

72 (1)



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (*Lab Use Only*):

0910 10009

San Leandro, CA 94577

PHONE: (510) 895-3675

FAX: (510) 895-3680

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

[illegible]

***Comments/Special Instructions:**

Samples to be analyzed by PLM. PLM results of non-friable, non-organically bound material with results of less than 1% (trace) or asbestos non-detected will be further analyzed by TEM. Include laboratory certifications with data package. Call Lona Pearson at 916.997.8085 with questions

Attachment D
Inspector Certification

Ms. Lona S. Pearson
Tetra Tech Inc
2969 Prospect Park Drive, Suite 100
Rancho Cordova, California 95670

State of California Department of Public Health
Lead-Related Construction Certificate

<u>Certificate Type</u>	<u>Expiration Date</u>
Inspector/Assessor	05/29/2019
Project Monitor	05/29/2019



Lona S. Pearson ID # 21287

Conditions of Certification

This individual meets the requirements of the State of California, Department of Public Health (CDPH), to perform lead-related construction. CDPH may suspend or revoke certification for:

1. any false statement in the application (for certification);
2. violations of relevant local, state or federal statutes or regulations;
3. misrepresentation, failure to disclose relevant facts, fraud, or issuance by mistake; or
4. failure to comply with any relevant regulation or order of the Department.

This certificate was issued by the Department of Public Health as authorized by 17 CCR 35001 et seq., and is non-transferable.

To verify authenticity call
(800) 597-LEAD or
510-620-5600

03279339

Certificate of Training

This Certifies that

Lona Pearson

has successfully completed 8 hours training entitled

Asbestos Contractor/Supervisor Refresher

Section 206 of TSCA Title II (AHERA)

This is an annual certification. It must be renewed.

**Environmental
Safety
Training
Professionals Ltd.**

3140 Gold Camp Drive #130
Rancho Cordova, CA 95670

Phone 916 638-5550

Fax 916 638-5551

Division Approval #CA-006-04

I.D. #: 5100

Certification #: 22953

Course Date: 02/09/18

Expiration Date: 02/09/19

By Brandy Snider
Authorized Signature: Brandy Snider

M&C Environmental Training

Asbestos Project Designer Refresher Training Course

Mark Stockwell

has successfully completed the Asbestos Project Designer Refresher course approved by the California Division of Occupational Safety and Health for purposes of certification required by Title 8, Article 2.7 Chapter 3.2, Section 341.16 and the accreditation required under the Toxic Substances Control Act, Title II. Conducted by M&C Environmental Training, Inc., 1619 Beverly Place, Berkeley, California 94707. Tel. #(510) 525 - 1388

Course Approval Number: CA-003-10

Location: **Oakland, California**

Expiration: **April 4, 2019**

Dates: **April 4, 2018**

Director of Training: **John McGinnis**



Certificate Number **43616 DR**

M&C Environmental Training

Asbestos Inspector Refresher Training Course

Mark Stockwell

has successfully completed the Asbestos Inspector Refresher course approved by the California Division of Occupational Safety and Health for purposes of certification required by Title 8, Article 2.7 Chapter 3.2, Section 341.16 and the accreditation required under the Toxic Substances Control Act, Title II. Conducted by M&C Environmental Training, Inc., 1619 Beverly Place, Berkeley, California 94707. Tel. #(510) 525 - 1388

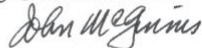
Course Approval Number: CA-003-06

Location: **Oakland, California**

Expiration: **April 5, 2019**

Dates: **April 5, 2018**

Director of Training: **John McGinnis**



Certificate Number **43624 IR**

M&C Environmental Training

Asbestos Management Planner Refresher Training Course

Mark Stockwell


has successfully completed the Asbestos Management Planner Refresher course approved by the California Division of Occupational Safety and Health for purposes of certification required by Title 8, Article 2.7 Chapter 3.2, Section 341.16 and the accreditation required under the Toxic Substances Control Act, Title II. Conducted by M&C Environmental Training, Inc., 1619 Beverly Place, Berkeley, California 94707. Tel. #(510) 525 - 1388

Course Approval Number: CA-003-08

Location: **Oakland, California**

Expiration: **April 5, 2019**

Dates: **April 5, 2018**

Director of Training: **John McGinnis**


Certificate Number **43648 PR**

M&C Environmental Training

Asbestos Contractor/Supervisor Refresher Training Course

Mark Stockwell

has successfully completed the Asbestos Contractor/Supervisor Refresher course approved by the California Division of Occupational Safety and Health for purposes of certification required by Title 8, Article 2.7 Chapter 3.2, Section 341.16 and the accreditation required under the Toxic Substances Control Act, Title II. Conducted by M&C Environmental Training, Inc., 1619 Beverly Place, Berkeley, California 94707. Tel. #(510) 525 - 1388

Course Approval Number: CA-003-04

Location: **Oakland, California**

Expiration: **April 6, 2019**

Dates: **April 6, 2018**

Director of Training: **John McGinnis**



Certificate Number **43662 SR**