Brunelle & Clark Consulting, LLC

LIMITED ASBESTOS SURVEY & PAINT SAMPLING FOR ADA RENOVATIONS AT THE HUMBOLD COUTY MENTAL HEALTH FACILITY 720 WOOD STREET EUREKA, CALIFORNIA

December 24, 2018

Project #1800321

Prepared for:
County of Humboldt
County Administrative Office
ADA Compliance Team
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SURVEY & PAINT SAMPLING
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APPENDICES

LIMITED ASBESTOS SURVEY & PAINT SAMPLING FOR ADA RENOVATIONS AT THE HUMBOLD COUTY MENTAL HEALTH FACILITY 720 WOOD STREET EUREKA, CALIFORNIA

1.0 PURPOSE

Between November 29 and December 2, 2018, this office conducted a limited asbestos survey and representative paint sampling for lead, for the ADA renovations at the Humboldt County Mental Health Facility, located at the above referenced address. See Figures 1-14 (Appendix A).

The asbestos survey was conducted to identify asbestos containing materials (ACM) pursuant to the requirements of the California Health & Safety Code, and for compliance with Cal/OSHA regulations (8 CCR 1529) for worker protection. This report will also provide compliance with the EPA National Emission Standards for Hazardous Air Pollutants (NESHAP) regulations concerning renovation and/or demolition activities (40 CFR, Part 61, Subpart M). This site is subject to NESHAP regulation.

To provide data for compliance with the Cal/OSHA Lead in Construction Standard Title 8, CCR Section 1532.1, and for compliance with California Code of Regulations Title 17, CCR 35000-36100, representative paint sampling was conducted.

The person completing this survey and report is certified through the Division of Occupational Safety & Health (DOSH) as an Asbestos Building Inspector and a Certified Asbestos Consultant (CAC), and is certified by the California Department of Public Health (CDPH) as a Lead Inspector/Assessor/Supervisor.

2.0 EXECUTIVE SUMMARY

The survey area includes: three areas on the second floor, including three restrooms; two restrooms on the first floor; and exterior concrete & asphalt of the main entry ramp and adjacent parking lot area. The survey does not include any other materials in any other area on the interior or exterior of the building. See Figures 1-3 (Appendix A).

The survey includes: all suspect wall ceiling and flooring materials in each area to be impacted by the renovation project. Note: the plaster ceiling and wall finish on the second floor was sampled in a previous report and shown to contain asbestos, and was not sampled during this survey. See Appendix C for the previous survey report titled “Limited Asbestos Survey, Seismic Damage Repair, Humboldt County Mental Health Facility, 720 Wood Street, Eureka, California,” provided by Terry Clark Consulting, LLC, dated July 22, 2013.

The walls and ceilings in the surveyed areas are plaster, and the floors are largely sheet flooring over vinyl floor tile. The restrooms on the first and second floor have ceramic wall and floor tile.

Note: the areas to be disturbed by the project were discussed during a site visit. If during the project, it becomes necessary to impact adjacent areas with suspect material that was not included in this survey, work should cease until the unsampled material is sampled for asbestos.

Asbestos Survey

The asbestos survey includes 104 bulk samples from suspect interior and exterior materials present within the surveyed area.

Several materials were found to contain asbestos, or were shown to contain asbestos in a previous report. The sampling, analytic methods, and results are further explained in Section 3.0.

The disturbance, abatement, and demolition of the materials containing asbestos will require compliance with the EPA NESHAP and Cal/OSHA regulations regarding asbestos in construction, which are further explained in Section 4.0.

Lead Paint Screening

Fifteen representative paint chip samples were collected from interior building components within the surveyed areas.

Nine of the samples collected and analyzed for this survey were found to be "lead free," five of the samples contain small amounts of lead, and one is considered to be Lead Based Paint (LBP). The sampling, analytic methods, and results are further explained in Section 5.0.

The disturbance of any materials containing any amount of lead will require compliance with State and Federal regulations, as explained in Section 6.0.

3.0 ASBESTOS SURVEY

During this survey, a total of one hundred and four (104) bulk samples were collected from suspect materials and submitted for the laboratory analysis of asbestos content. A description of all samples, sample locations, and the laboratory analytic data is contained in Table 1, Appendix B. All sample locations are indicated on Figures 4-8, Appendix A.

The bulk samples were submitted to an NVLAP accredited laboratory, AmeriSci LA (Carson, CA) for the analysis of asbestos content by Polarized Light Microscopy (PLM) by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763. The sample Chain of Custody and Laboratory Report is contained in Appendix B. All the Asbestos analytic data are summarized in Table 1, Appendix B.

Six different materials tested positive for asbestos by the initial PLM analyses. One sample was re-submitted for verification of the PLM results by more accurate 400 Point Count analyses, as required for some agency determinations and for waste characterization. The 400 Point Count

analysis lab report is located at the end of the PLM lab report, and before the Chain of Custody form, Appendix B. The Point Count analysis data is summarized below.

400 Point Count Analyses

Sample ID#	Material	Initial PLM Result (visually estimated)	400 Point Count Result
180321-81	Baseboard mastic, dark brown	<1% TR	<0.25% TR

TR = Tremolite Asbestos

For necessary confirmation of negative PLM results for vinyl floor tile, sample number 180321-1 (12"x12" VFT, gray) was re-submitted for Transmission Electron Microscopy (TEM) asbestos analysis by EPA 600/R-93/116. The sample was confirmed to be negative for asbestos. The Laboratory Reports and sample Chain of Custody and are contained in Appendix B. The TEM lab report is located at the end of the PLM lab report, and before the Chain of Custody form.

The following terms are referred to in this report. See Section 7.0 (Asbestos Regulations & Definitions) for other common asbestos terminology.

- ***Asbestos Containing Construction Materials (ACCM)*** contain asbestos in amounts between 0.1% and 1.0%.
- ***Asbestos Containing Materials (ACM)*** *are materials that contain >1% asbestos.*
- ***Presumed Asbestos Containing Material (PACM)*** *is material presumed to be >1% asbestos.*
- ***Regulated Asbestos Containing Materials (RACM)*** *refers to "regulated" ACM, a category of ACM that is subject to NESHAP regulation.*
- ***"Friable"*** *asbestos material is defined as: material containing >1% asbestos, that when dry, may be crumbled, pulverized, or reduced to powder by hand pressure.*

Asbestos was found present in several types of building materials within the surveyed areas of this site. The materials are divided into categories according to percentage and type of asbestos found in the materials, as defined above. The asbestos containing materials identified during this survey are listed below.

ACCM

During this survey one material was found to be Asbestos Containing Construction Material (ACCM), and one material was found to be ACCM in the previous survey referenced in Section 2.0 above [see Previous HC Mental Health Facility Asbestos Report (7/22/13), Appendix C]. The ACCM is summarized below:

- **Baseboard mastic, dark brown**
- **Plaster; top coat & rough coat (see previous survey report)**

Note: the ceiling and wall plaster material on the second floor was found to be positive in the previous asbestos survey, and **all ceiling and wall plaster on the second floor is ACCM.**

ACM

Six materials are categorized as Asbestos Containing Material (ACM), four of which are summarized below. Two materials, described further below, are categorized as Regulated ACM (RACM).

- **Vinyl floor tile, gray and associated black mastic**
- **Vinyl floor tile (9”x9”), tan w/brown splotches and associated black mastic**
- **Vinyl floor tile (9”x9”), gray w/brown splotches (mastic is negative)**
- **Vinyl floor tile (12”x12”), gray w/splotches and associated black mastic**

RACM

Two identified ACM are considered friable, and are further categorized as NESHAP Regulated ACM (RACM). One material was found to be RACM during this survey. The other material tested negative during this survey however, it tested positive in the previous survey referenced in Section 2.0 above [see Previous HC Mental Health Facility Asbestos Report (7/22/13), Appendix C].

- **Pipe insulation elbows, white compound**
- **Spray on fireproofing, gray (see previous survey report)**

  Note: the spray on fireproofing sampled during this survey was found to be negative for asbestos however, spray on fireproofing was found to contain asbestos else ware in the building, and **all spray on fireproofing must be presumed to contain asbestos.**

Note: ACM can become RACM if an ACM material becomes friable by damage or is rendered friable by use of certain aggressive abatement methods.

Note: materials not sampled must be presumed to contain asbestos, and must be presumed to be RACM until sampled and/or assessed by a certified asbestos consultant, and properly classified.

The project ACCM & ACM are listed in Table 2 below, including location, asbestos content, the agency categorization, abatement requirements, and waste categorization. The locations of the project ACCM & ACM are shown on Figures 9-12 and Picture Figures 13 & 14, Appendix A.

TABLE 2
ASBESTOS IDENTIFICATIONS & CLASSIFICATIONS

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

MATERIAL	LOCATION	QUANTITY	ASBESTOS CONTENT & TYPE	OSHA CLASSIFICATION	NESHAP CATEGORY	WASTE DISPOSAL CLASSIFICATION
Plaster; top coat/rough coat (see previous survey, Appendix. C)	All ceiling and wall plaster throughout the 2nd Floor, including all wall & ceiling material in the project areas	Approx. 1,500 SF	<1% CH by initial PLM <0.25% to 0.6% by 400 Point Count	ACCM, Class II abatement required where disturbed	ACCM Not RACM*	Non-Friable asbestos waste or general construction debris
Pipe Insulation Elbows & Tees, white compound Note: all non-fiberglass pipe insulation found above ceilings & in walls in any area impacted by this project is ACM Note: all contractors should be aware of the presence & potential presence of the ACM pipe insulation above ceilings and in walls, in order to avoid inadvertent disturbance	2nd Floor, found on pipes above Rm. 229 & RR 230 Note: ACM pipe insulation is potentially present in walls and above inaccessible hard ceilings in other areas, including halls, and especially near restrooms	Several identified above the RR 230/Rm. 229 work area Quantity to be disturbed TBD	10% CH	ACM, Class I abatement required where disturbed	"Friable" RACM	"Friable" asbestos waste

TABLE 2
ASBESTOS IDENTIFICATIONS & CLASSIFICATIONS

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

MATERIAL	LOCATION	QUANTITY	ASBESTOS CONTENT & TYPE	OSHA CLASSIFICATION	NESHAP CATEGORY	WASTE DISPOSAL CLASSIFICATION
Spray-on Fireproofing, gray Note: found positive in other areas of the building, and presumed positive throughout the building Note: if new walls are to extend up past the drop ceiling, the spray on fireproofing must be abated from the area to be impacted by the walls Note: all contractors should be aware of the potential presence of the ACM fireproofing above ceilings, in order to avoid inadvertent disturbance	2nd Floor, found above ceiling in Rm. 229, RR 230 & adjacent Hall. On ceilings, walls, around wall penetrations, and overspray on equipment and ducting. Note: ACM spray on fireproofing is potentially present above drop ceilings & inaccessible hard ceilings in other areas impacted by this project	Identified above ceiling of Rm. 229, RR 230 & adjacent Hall work area Quantity to be disturbed TBD	Found to contain <1% CH in other areas building, must presume >1% pending a full building survey of this material	PACM, Class I abatement required where disturbed	"Friable" RACM	"Friable" asbestos waste

TABLE 2
ASBESTOS IDENTIFICATIONS & CLASSIFICATIONS

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

MATERIAL	LOCATION	QUANTITY	ASBESTOS CONTENT & TYPE	OSHA CLASSIFICATION	NESHAP CATEGORY	WASTE DISPOSAL CLASSIFICATION
Vinyl Floor Tile, gray & associated Black Mastic	2nd Floor, flooring in: Rm. 229, bottom layer, under carpet & 12"x12" VFT; RR 230, bottom layer, under sheet flooring; Rm. 211, bottom layer, under sheet flooring; Hall 200C, bottom layer under sheet flooring (present in both surveyed project areas impacting the Hall 200C floor)	Approx. 125 SF to be removed Quantity to be disturbed TBD	VFT = 2% CH Mastic = 2-4% CH	ACM, Class II abatement if by "hand" methods Class I abatement if by "mechanical" means	Category I Non-Friable ACM & not RACM* if abated by hand methods "Friable" and RACM if abated by mechanical means"	Non-Friable asbestos waste if abated by hand methods Friable waste if by mechanical means
Vinyl Floor Tile (9"x 9"), tan w/brown splotches & associated Black Mastic	2nd Floor, flooring in: Rm. 210, under carpet; and in Rm. 237, only layer	Quantity to be disturbed TBD	VFT = 2% CH Mastic = 4-5% CH	ACM, Class II abatement if by "hand" methods Class I abatement if by "mechanical" means	Category I Non-Friable ACM & not RACM* if abated by hand methods "Friable" and RACM if abated by mechanical means"	Non-Friable asbestos waste if abated by hand methods Friable waste if by mechanical means

TABLE 2
ASBESTOS IDENTIFICATIONS & CLASSIFICATIONS

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

MATERIAL	LOCATION	QUANTITY	ASBESTOS CONTENT & TYPE	OSHA CLASSIFICATION	NESHAP CATEGORY	WASTE DISPOSAL CLASSIFICATION
Vinyl Floor Tile (9"x 9"), gray w/brown splotches (mastic is negative)	2nd Floor, small patch of flooring in Rm. 237	Quantity to be disturbed TBD	VFT = 2% CH Mastic = Negative	ACM, Class II abatement if by "hand" methods Class I abatement if by "mechanical" means	Category I Non-Friable ACM & not RACM* if abated by hand methods "Friable" and RACM if abated by mechanical means"	Non-Friable asbestos waste if abated by hand methods Friable waste if by mechanical means
Baseboard mastic, dark brown	2nd Floor, found on baseboard/wall in Rm. 210 & Hall 200C, outside Rm. 237 Note: potential for remnant ACCM dark brown baseboard mastic on walls behind newer Baseboard Note: all dark brown baseboard mastic present on the 2nd floor is ACM	Quantity to be disturbed TBD Note: the plaster wall substrate is also ACCM	<1% TR by initial PLM <0.25% TR by 400 Point Count	ACCM, Class II abatement required where disturbed	Category II Non-Friable Not RACM*	Non-friable asbestos waste

TABLE 2
ASBESTOS IDENTIFICATIONS & CLASSIFICATIONS

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

MATERIAL	LOCATION	QUANTITY	ASBESTOS CONTENT & TYPE	OSHA CLASSIFICATION	NESHAP CATEGORY	WASTE DISPOSAL CLASSIFICATION
Vinyl Floor Tile (12"x 12"), gray w/splotches & associated Black Mastic	1st Floor, Men's RR 106 Entry room, only flooring layer	Approx. 25 SF Quantity to be disturbed TBD	VFT = 2% CH Mastic = 4-5% CH	ACM, Class II abatement if by "hand" methods Class I abatement if by "mechanical" means	Category I Non-Friable ACM & not RACM* if abated by hand methods "Friable" and RACM if abated by mechanical means"	Non-Friable asbestos waste if abated by hand methods Friable waste if by mechanical means

SF = Square Feet LF = Lineal Feet CF = Cubic Feet
CH = Chrysotile asbestos CR = Crocidolite asbestos AM = Amosite asbestos
TR = Tremolite AN = Anthophyllite AC = Actinolite
ACM = Asbestos Containing Materials, containing >1% asbestos
ACCM = Asbestos Containing Construction Materials, asbestos content of 0.1% to 1.0%
PACM= Presumed ACM
RACM = Regulated ACM under NESHAP regulations
RACM* = Not considered as RACM if asbestos content is 1% or less, or if not made friable by disturbance
TBD = Abatement quantity to be determined for actual remediation work
Friable = asbestos material containing >1% asbestos, that when dry, may be crumbled, pulverized, or reduced to powder by hand pressure

4.0 CONCLUSIONS AND REGULATORY REQUIREMENTS FOR ASBESTOS

Several materials containing asbestos were identified as present in the surveyed spaces. The asbestos containing materials will require abatement prior to disturbance by renovation or demolition activities. The following conclusions and regulatory requirements apply to this project specifically.

The EPA National Emission Standards for Hazardous Air Pollutants (NESHAP) requires an asbestos survey to identify the possible presence of any *Asbestos Containing Materials* (ACM) prior to any renovation and/or demolition work at "subject" sites. That requirement has been met with this report.

Friable NESHAP Regulated Asbestos Containing Material (RACM) was identified during this survey however, the quantity to be abated during this project will not likely exceed the notification threshold quantity of 160 square feet, 260 linear feet, or 35 cubic feet. **A NESHAP Notification for "abatement" will not be required prior to abatement activities unless the amount of RACM to be abated exceeds notification threshold quantity**. See the "EPA NESHAP" section below for detail on the NESHAP notification requirements.

Friable ACM is considered hazardous material in California. If friable ACM is to be abated, a hazardous waste generator "Temporary State Hazardous Waste Id Number" will need to be obtained for the site. See the "DTSC" section below for detail on California hazardous waste ID numbers.

This is a renovation project however, NESHAP defines the removal of any "load bearing" members" in the course of renovation work as "demolition" work. If "load bearing members" are to be removed during this project, a NESHAP Notification for "demolition" will need to be filed prior to such work. See the EPA NESHAP section below for detail on the NESHAP notification requirements.

The non-friable ACM and ACCM identified in this survey may be properly abated at any time following the required temporary worksite notification to the Division of Occupational Safety and Health, which must be submitted a minimum of 24-hours prior to abatement activities. The notification is typically filed by the abatement contractor.

Cal/OSHA regulates any disturbance or abatement of any material containing any amount of asbestos. All Cal/OSHA regulatory requirements must be followed. See the Cal/OSHA section below for further discussion of regulatory requirements.

If you are required to obtain a permit from a local or county building department you will need to file this report with them.

The following requirements apply to the abatement of the materials containing asbestos:

- All ACCM and ACM must be abated (removed) from the renovation area prior to commencement of renovation activities.

- All asbestos abatement must be performed by properly trained and certified asbestos abatement contractors & workers, using proper abatement methods.
- All abated asbestos must be properly disposed. See Table 2 above, and the Project ACM, ACCM & RACM section below for specific material waste requirements.

Project ACM & ACCM

The regulatory requirements for the abatement and disposal of each type of project ACCM & ACM identified in this survey are discussed below.

ACCM Plaster: The plaster found on the ceilings and walls throughout the 2nd Floor was found to contain asbestos; determined to be <1% by 400 Point Count analysis. Therefore, the plaster is defined as ACCM. While the ACCM designation excludes this material from regulation under NESHAP, Cal/OSHA requires Class II methods for abatement/disturbance of the ACCM plaster materials by a licensed asbestos abatement contractor. It is recommended herein to augment the standard Class II abatement with negative air containment of the abatement area.

While materials determined to be ACCM are often characterized as "general construction debris," many asbestos abatement contractors will choose to dispose of the abated ACCM as "non-friable" asbestos waste to avoid possible liabilities insofar as worker protection on the site, during transport, and disposal. If disposed of as "general construction debris," it is recommended herein that all ACCM be handled/contained at the jobsite and transported as ACM up to the point of actual disposal at an accepting waste facility. Waste facilities typically must be informed when the waste is ACCM

ACCM Baseboard Mastic: The dark brown baseboard mastic identified in this report was found to contain asbestos; determined to be <1% by 400 Point Count analysis. Any abatement or disturbance of this ACCM must be done by a licensed asbestos abatement contractor, using Class II abatement methods. Refer to the discussion on the disposal of ACCM as summarized under "ACCM Plaster" above.

ACM Vinyl Floor Tile (VFT): Several types of vinyl floor tile (9"x9" & 12"x12"), and some of the associated mastics identified in this report contain asbestos. Any disturbance or abatement of the ACM VFT and ACM mastic must be done by a licensed asbestos abatement contractor. Class II asbestos abatement methods are required for abatement by "hand" methods, with disposal as "non-friable" asbestos waste.

If abated by "mechanical" means, which includes the use of chipper machines and buffers, the VFT/mastic will be rendered "friable," and be re-classified as RACM. Class I abatement measures will be required, with disposal of the abated RACM as "friable" asbestos waste. The disposal of "friable" asbestos waste requires the use of a licensed "hazardous" waste hauler. If abated using mechanical means, the abatement of the now "RACM" VFT/mastic must be covered under a NESHAP Notification as filed with the NCUAQMD at least ten working days prior to such abatement.

ACM Pipe Insulation Elbows & Tees (TSI): The white pipe insulation compound identified in this report contains asbestos, and is categorized as RACM. Any abatement of the ACM pipe insulation must be done by a licensed asbestos abatement contractor as Class I work using Class I methods. The abated waste must be disposed of as "friable" asbestos waste. This will require the use of a licensed "hazardous" waste hauler. In addition, a temporary hazardous waste generator number from the EPA will need to be obtained for the site. An abatement contractor will typically handle these issues.

PACM Spray-on Fireproofing (TSI): The gray spray on fireproofing identified in this report contains asbestos, and is presumed to be RACM. Any abatement of the ACM pipe insulation must be done by a licensed asbestos abatement contractor as Class I work using Class I methods. The abated waste must be disposed of as "friable" asbestos waste. This will require the use of a licensed "hazardous" waste hauler. In addition, a temporary hazardous waste generator number from the EPA will need to be obtained for the site. An abatement contractor will typically handle these issues.

This data and conclusion is only applicable to the sampled/surveyed spaces/materials and should not be used to assess materials elsewhere at the site. If suspect materials that were not covered by this survey are encountered by the contractor during this project, the disturbance of such materials should cease until such materials are surveyed and/or sampled for asbestos. (Note: un-sampled materials must be presumed to contain asbestos until sampled and proven otherwise).

Some of the general regulatory requirements for asbestos related construction work and asbestos containing waste are discussed below. Depending on the types of asbestos containing material found at a site, some or all of these regulatory requirements will apply. See above for project specific requirements. Refer to Section 7.0 for further discussion of asbestos regulations.

EPA NESHAP

All commercial, public, institutional, industrial, residential parcels containing two or more separate structures, and residential structures with more than four dwelling units, are subject to the EPA NESHAP regulations concerning renovation and/or demolition work, as enforced by the North Coast Unified Air Quality Management District (NCUAQMD) located in Eureka, California. NESHAP requires an asbestos survey to identify the possible presence of any *Asbestos Containing Materials* (ACM) prior to any renovation and/or demolition work at "subject" sites.

The NESHAP regulation requires filing a NESHAP Notification with the enforcing agency in the following two cases.

If Regulated Asbestos Containing Material (RACM) is present and is to be abated, and the amount of RACM to be abated exceed the threshold quantity of 160 square feet, 260 linear feet, or 35 cubic feet, a NESHAP Notification for the *abatement* of RACM will need to be filed with the NCUAQMD at least ten working days prior to the commencement of abatement activities. The notification includes: the NESHAP notification form; a copy of this report; and as of the date of this report, a $268.00 filing fee.

If the proposed renovations will disturb any *"load bearing"* members, such work is considered "demolition" work, and a NESHAP Notification is required prior to any "demolition" work. The NESHAP Notification for *demolition* must be filed with the NCUAQMD at least ten working days prior to any "demolition" activity.

If both abatement of RACM and demolition are to be conducted, the NESHAP notification for "abatement" and "demolition" can be filed using the same form however, the current $268.00 filing fee is required for each notification.

The assistance of the asbestos abatement contractor will typically be needed to file the NESHAP Notification form. Contact the NCUAQMD (443-3093) if any questions arise.

Cal/OSHA

The Cal/OSHA Asbestos Standard for the Construction Industry (8 CCR 1529) regulates any disturbance or abatement of any material containing any amount of asbestos. All employees are covered by OSHA regulations, and the disturbance of ACM or ACCM is subject to Cal/OSHA worker protection regulations for asbestos related work.

The Cal/OSHA regulations require that "any activities disturbing" ACM or ACCM materials must be done by properly trained and certified asbestos abatement contractors & workers, using proper abatement methods. It is therefore necessary to identify, and properly abate ACM and ACCM from buildings prior to the disturbance of such materials by renovation or demolition activities.

An employer who conducts asbestos related work involving more than 100 square feet of material containing any amount of asbestos must be registered with the Division of Occupational Safety and Health (DOSH).

A temporary worksite notification must be filed with Division of Occupational Safety and Health (DOSH) at least 24 hours prior to asbestos abatement activities. The asbestos abatement contractor will typically submit this notification.

DTSC

The Department of Toxic Substance Control (DTSC) is the California agency responsible for enforcing the hazardous waste laws. The California code of Regulations, 22 CCR 66261.24 (a)(2) defines "friable" asbestos waste as "hazardous" waste.

A hazardous waste generator "Temporary State Hazardous Waste Id Number" must be obtained from the DTSC when friable ACM waste is generated at a site, all friable asbestos waste must be transported as hazardous waste by a licensed hazardous waste hauler, and all friable asbestos waste must be disposed of as hazardous waste, at an approved Class I waste facility. The Temporary State Id number can be obtained on the DTSC website at:

- **https://www.dtsc.ca.gov/IDManifest/TempHWID.cfm**

Friable asbestos waste may be temporarily stored on-site pending transport for a period of up to 90 days. While being stored pending transport, such waste must be contained in proper bags of

containers, clearly and properly labeled as hazardous asbestos material, and secured in a locked storage location with proper asbestos warning signs.

The shipping of "non-friable" asbestos waste does not require a hazardous waste hauler, and can be performed by an abatement contractor or other commercial transporters however, the material must be handled and disposed of as asbestos containing material.

5.0 PAINT SAMPLING/LEAD ANALYSIS

During this survey paint chip sampling was conducted on representative building components of the surveyed spaces to determine if the paint coatings contain lead.

Paint Chip Sampling

Fifteen representative paint chip samples were collected from interior components of the surveyed spaces and submitted for the laboratory analysis of lead. Paint chip sample locations are show on Figures 4, 6 & 7, Appendix A. The sampled building components are listed below.

Interior Components: (15)

- Walls (3)
- Ceramic wall tile (5)
- Ceramic floor tile (5)
- Door jamb (1)
- Toilet Stall (1)

All paint analysis was performed by AmeriSci Los Angeles; a laboratory that complies with, and is certified under, the Environmental Laboratory Accreditation Program (ELAP) of the California State Water Resources Control Board. The laboratory analysis of the paint chip samples was conducted using the EPA Method 3050B/700B.

Paint chip samples found to contain lead are placed in one of three categories, based on the weight of lead in the paint compared to the overall weight of the paint. The three categories are listed below. The paint chip sample analytic results are summarized in Table 3, Appendix B.

- **Lead Based Paint (LBP)** is defined as paint with a lead content at or above 5,000 parts per million (ppm), or at or above 0.5% by weight.
- **Lead Containing Surface Coatings (LCSC)** are paints with lead content that range between 100 ppm and 4,999 ppm, or greater than 0.01% and less than 0.5% by weight.
- **Undetectable For Lead** are analytic results of <100 ppm lead and are deemed to be essentially "lead free."

Nine of the samples were found to be lead free, with <100 ppm lead. Five were found to be LCSC, with lead content ranging from 380 ppm to 2,400 ppm; and one as found to be LBP, with lead content of 8,800 ppm.

6.0 CONCLUSIONS & REGULATORY REQUIREMENTS FOR LEAD

The site sampling of paint coatings identified the presence of LCSC on various painted components including glazed ceramic wall/floor tile. Lead based paint was identified on the toilet stalls of the surveyed first floor restrooms (W. RR 102 & M. RR 106). See Table 3, Appendix B.

The disturbance of any LBP and/or LCSC by Cal/OSHA defined "trigger tasks" or any lead related construction work that may result in lead exposure to workers or occupants requires compliance with the Cal/OSHA Lead Construction Standard (Title 8 CCR 1532.1) for worker protection, and compliance with the California Code of Regulations Title 17, CCR 35000-36100.

Any contractor conducting lead related construction work should be familiar with the applicable lead regulations, and certified to conduct lead related activities. All personnel conducting lead related construction work should be trained and certified to conduct lead related activities.

The toilet stalls identified to have lead based paint are metal, and can be properly recycled with the LBP. See the "Painted Metal Recycling" section below.

Some of the basic regulatory requirements for lead related construction work and lead containing waste are discussed below. Refer to Section 8.0 for further discussion of lead regulations.

Cal/OSHA Compliance Measures for Lead Related Construction Work

The disturbance of any LBP and/or LCSC by Cal/OSHA defined "trigger tasks" " or any lead related construction work that may result in lead exposure to workers or occupants requires compliance with the Cal/OSHA Lead Construction Standard (Title 8 CCR 1532.1) for worker protection. The Cal/OSHA "trigger tasks" include various actions that would disturb LBP or LCSC paint including, but not limited to, manual demolition, scraping, sanding, cutting, sawing, and torch cutting. Some key compliance measures are summarized below (see Title 8 CCR 1532.1 for all Cal/OSHA requirements).

Any contractor performing any of the Cal/OSHA trigger tasks must comply with the provisions of the Cal/OSHA Lead Construction Standard (Title 8 CCR 1532.1). More specifically, an Exposure Assessment must be performed at the start of any trigger task activities. This assessment involves the collection of personal air samples to be submitted for the laboratory analyses of lead content to determine if the Action Level (AL) or the Permissible Exposure Limit (PEL) for airborne lead will be met or exceeded during the work. Pending that assessment, the contractor must provide interim protective measures, including but not limited to; respirators, protective clothing, and training.

If initial assessment demonstrates the possibility that the AL will be met or exceeded during the work, continued worker exposure monitoring must be conducted. If initial assessment demonstrates the possibility that the PEL will be exceeded during the work Cal/OSHA requirements include but are not limited to: establishment of regulated areas, continued use of respirators, continued personal air monitoring, protective clothing, hygiene facilities, medical surveillance, and training certified by the California Department of Public Health (CDPH).

In addition, the disturbance of Lead Based Paint in excess of 100 square feet will require a contractor to file a "Lead-Work Pre-Job Notification" with Cal/OSHA at least 24 hours prior to performing any trigger tasks.

Title 17 Compliance Measures For Lead Related Construction Work & Lead Abatement

In California, lead activities are regulated by the California Code of Regulations Title 17, CCR 35000-36100, which include, but are not limited to, requirements for lead related construction work, lead abatement, worker training, and worker certification. Title 17 regulatory requirements for worker certification, and work practices are enforced by the California Department of Public Health (CDPH).

Any contractor performing any lead activities must use "Lead-Safe Work Practices" (17 CCR 36050), which include: use of containment (17 CCR 35016), no visible dust or debris remaining at completion of work, and demonstrate compliance to the CDPH if requested.

Title 17 defines "Lead Activities" as "abatement, lead hazard evaluation, lead-related construction work, or any activity which disturbs lead-based paint, presumed lead-based paint, or creates a lead hazard (17 CCR 35032).

Title 17 defines "Lead Related Construction Work," as "any construction, alteration, painting, demolition, salvage, renovation, repair, or maintenance of any residential or public building, including preparation and cleanup, that, by using or disturbing lead-containing material or soil, may result in significant exposure of adults or children to lead (17 CCR 35040).

Title 17 defines "Abatement" as "any set of measures designed to reduce or eliminate lead hazards or lead-based paint for public and residential buildings, but does not include containment or cleaning" (17 CCR 35001). See 17 CCR 35000-36100 for all Title 17 regulatory requirements for lead activities.

Title 17 fully incorporates work practices defined by the "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing," U.S. Department of Housing and Urban Development (HUD), June 1995.

Lead Containing Waste

Both State and Federal laws regulate the disposal of lead containing materials in landfills. In California, the disposal of lead containing materials is regulated by the Department of Toxic Substance Control (DTSC). If demolition debris potentially contains lead containing material; the waste stream must be tested for lead content, and characterized for proper waste disposal. Completion of a 'waste profile" requires that at least one representative bulk sample of the waste stream be collected and submitted for laboratory analysis of lead content for waste characterization.

The results of the lead waste characterization determine the "hazard level" of waste, which can range from unrestricted "general construction debris," California hazardous waste, and highly restrictive Resource Conservation and Recovery Act (RCRA) federal "hazardous" waste.

Generation of waste materials that meet the California hazardous waste criteria require the generator to obtain a Temporary State Hazardous Waste Id Number. Hazardous waste haulers and disposal sites are also required to have a State Id Number.

Generation of more than 100 kg (220 lbs) of waste materials that meet the federal (RCRA) waste criteria require the generator to obtain a Temporary Hazardous Waste EPA Id Number. Hazardous waste haulers and disposal sites are also required to have an EPA Id Number for RCRA waste.

The Temporary State Id Number and the Temporary EPA Id Number can be obtained on the DTSC website at:

- **https://www.dtsc.ca.gov/IDManifest/TempHWID.cfm**

Painted Metal Recycling

Painted metal components may be properly disposed of through a licensed recycling facility, regardless of lead content. In that case painted metal components need not be, and were not, included in the waste stream testing for lead. Recycling facilities must be notified when recycle components have lead containing surface coatings.

7.0 ASBESTOS REGULATIONS & DEFINITIONS

Regulations

The following regulations are some of the more pertinent Federal and California asbestos regulations, and one or more of these regulations will apply to construction projects in California.

EPA Asbestos Hazard Emergency Response Act (AHERA): The Asbestos-Containing Materials in Schools Rule (40 CFR Part 763, Subpart E) regulates asbestos in schools including, but not limited to; inspections, response actions, clearances, training, and certifications.

EPA National Emissions Standard For Hazardous Air Pollutants (NESHAP): The NESHAP regulation (40 CFR, Part 61, Subpart M) requires an asbestos survey prior to demolition and/or renovation activities on subject properties.

Cal/OSHA Asbestos Construction Standard: The Cal/OSHA standard (8 CCR 1529) is designed to protect employees (workers) from adverse exposure to asbestos in any workplace, and in particular, regulates the asbestos abatement industry.

Department of Toxic Substance Control (DTSC): The California code of Regulations, 22 CCR 66261- 66263 apply to hazardous waste generation and disposal in California, including "friable" asbestos.

Definitions

The following definitions include some of the more common asbestos terminology. Refer to the regulations above for more definitions.

Asbestos Containing Construction Materials (ACCM): contain asbestos in amounts between 0.1% and 1.0%.

Asbestos Containing Materials (ACM): are materials that contain >1% asbestos.

Class I Abatement: For abatement of "friable" ACM as listed in Table 1, Class I abatement methods are required by Cal/OSHA, at a minimum, for the protection of workers. Class I abatement requires all Class II measures plus full negative air containment of the work area, with a three-stage decontamination unit, including a shower, or, for some applications, the use of glovebags, or other small negative pressure enclosures. All friable waste must be disposed of as very restrictive "friable" asbestos waste, using a licensed hazardous waste transporter, and a hazardous waste manifest. An EPA waste generator ID number must be obtained for the (abatement) site.

Class II Abatement: For abatement of all ACM listed in Table 1, Class II abatement methods are required, at a minimum, by Cal/OSHA for the protection of workers. Among other measures, Class II abatement procedures requires the use of a licensed asbestos contractor, trained asbestos abatement personnel, respiratory protection, the use of "wet methods" for effective dust suppression, and the use of "critical barriers", and other measures for the effective isolation of indoor work areas. "Visible" dust emissions must not be allowed to escape the work area. Bagged ACM roofing materials must be carefully lowered to the ground and must not be thrown from roofs.

Clearances and Monitor Testing: With the exception of K-12 school sites, post-remedial "clearance" testing for air-borne asbestos in indoor work areas is not mandated by law, but is an option of the owner, as is a visual observation of post-abatement work by a third party. Post remedial air clearance testing is not applicable to exterior and roofing abatement. Post-remedial air clearance for this site is an option available to the owner to verify and document site safety prior to re-occupation.

Disturbance of Asbestos: Disrupt the matrix, crumble, or pulverize asbestos or generate visible debris.

Friable Asbestos: Asbestos Containing Materials (ACM) that can be crumbled into a powder by hand pressure. Some types of asbestos are friable by nature, such as most insulation, and some are "non-friable" types, generally tightly bound in some tar or other binding matrix, such as vinyl floor tiles, but which may become friable by deterioration or damage. Friable asbestos is more likely to allow harmful fibers to become airborne. The abatement, handling, and disposal methods for "friable" asbestos are more restrictive.

Mechanical Abatement Methods: Mechanical methods of asbestos abatement include the use of chippers for floor tile and floor buffers/solvents for mastic removal, and any other mechanical methods, as opposed to "normal" hand methods (see below). Mechanical methods typically generate more airborne asbestos fibers and thus require stricter Class I abatement measures (vs Class II), and disposal of abated ACM as more restrictive "friable" asbestos waste.

Normal (Hand) Abatement Methods: "Normal" hand methods of abatement include hand tools such as pry bars and scrapers, and using rags & mops with solvents, as opposed to "mechanical" means (see above). "Normal" methods are less aggressive, less likely to damage the asbestos, and less likely to generate airborne fibers, thus allowing the use of less restrictive Class II abatement measures/controls and less restrictive disposal as "non-friable" asbestos waste.

Post-Abatement Clearances: Pursuant to AHERA regulations, for all K-12 schools, post abatement visual inspection of all abatement work must be conducted by a Certified Asbestos Consultant. Post-abatement "clearance" testing for air-borne asbestos in all indoor work areas is also required. Personnel that are not trained and certified for asbestos work cannot enter the abatement area until after it has passed the post-abatement "clearance" testing.

Presumed Asbestos Containing Material (PACM): is material presumed to be >1% asbestos.

Project Specifications: This report does not provide or constitute project specific "specifications" for any abatement or repair work on this site or for this project. This report provides data, and recommendations as based upon that available data, upon Federal, State and local regulations, and upon general industry practices and standards. To more fully protect their interests, some clients may wish to obtain detailed specifications for asbestos abatement projects, and may also wish to retain consultant oversight services for those projects.

Regulated Asbestos Containing materials (RACM): refers a category of ACM that is subject to EPA NESHAP regulation, includes friable ACM and ACM that has or will become friable.

Worker Exposure Testing: Under Cal/OSHA regulations, the abatement contractor is required to collect one or more personal air samples on their workers during the abatement work to monitor potential worker exposure to (asbestos) fibers, which are not to exceed the Permissible Exposure Limit (PEL). Those samples are submitted for lab analysis by Polarized Contrast Microscopy (PCM) and calculated to a time weighted eight-hour average. This testing is not to be confused with "clearance testing" as described below, but nonetheless, the results of the abatement contractor's exposure monitoring samples should be available to the client.

8.0 LEAD REGULATIONS & DEFINITIONS

Regulations

The following regulations are some of the more pertinent Federal and California lead regulations pertaining to lead, and some or all of these regulations will apply to construction projects in California.

Cal/OSHA Construction Safety Orders, Lead: The Cal/OSHA regulation (8 CCR 1532.1) pertains to all workers who may be exposed to lead in the work place.

Title 17, California Code of Regulations: The "Accreditation, Certification, and Work Practices For Lead-Based Paint and Lead Hazards" (17 CCR 35000-36100) regulation applies to lead related construction in California.

EPA Lead Renovation, Repair, and Painting Rule (RRP): The RRP rule (40 CFR Part 745) applies to all maintenance, renovation and other construction activities conducted in pre-1978 housing and child-occupied facilities, including residential, public, and commercial building.

U.S Department of Housing and Urban Development (HUD): The "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing," second edition, 2012, is comprehensive document developed by HUD to help contractors, property owners, and other organizations identify lead-based paint, lead hazards, and control lead hazards, in an effort to reduce childhood exposure to lead. This guideline is not a regulation however it is directly incorporated into some lead regulations.

Department of Toxic Substance Control (DTSC): The California code of Regulations, 22 CCR 66261- 66263 applies to generation and disposal of waste categorized as hazardous waste by California criteria, including hazardous lead containing construction waste.

Resource Conservation and Recovery Act (RCRA): The Federal code of Regulations, 40 CFR 260-262, applies to generation and disposal of waste categorized as hazardous waste by federal criteria, including hazardous lead containing construction waste.

Definitions

The following definitions include some of the more common lead terminology, and are taken directly from the Cal/OSHA regulation (8 CCR 1532.1), and the Title 17, California Code of Regulations (17 CCR 35000-36100). Refer to the regulations above for more definitions.

Action level means employee exposure, without regard to the use of respirators, to an airborne concentration of lead of 30 micrograms per cubic meter of air (30 μg/m3) calculated as an 8-hour time-weighted average (TWA) [8 CCR 1532.1 (b)].

Abatement means any set of measures designed to reduce or eliminate lead hazards or lead-based paint for public and residential buildings, but does not include containment or cleaning. [17 CCR 35001].

Containment means a system, process, or barrier used to contain lead hazards inside a work area such as described in "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing," U.S. Department of Housing and Urban Development, June 1995, Chapter 8, "Containment and Barrier Systems," Table 8.1, Table 8.2, and Table 8.3, or "Guide for Containing Surface Preparation Debris Generated During Paint Removal Operations," Society for Protective Coatings, Technology Guide 6, October 1, 2004 [17 CCR 35016].

Lead Activities means abatement, lead hazard evaluation, lead-related construction work, or any activity which disturbs lead-based paint, presumed lead-based paint, or creates a lead hazard [17 CCR 35032].

Lead-Based Paint means paint or other surface coatings that contain an amount of lead equal to, or in excess of: (a) one milligram per square centimeter (1.0 mg/cm2); or (b) half of one percent (0.5%) by weight [17 CCR 35033].

Lead Hazard means deteriorated lead-based paint, lead contaminated dust, lead contaminated soil, disturbing lead-based paint or presumed lead-based paint without containment, or any other nuisance which may result in persistent and quantifiable lead exposure [17 CCR 35037].

Lead-Related Construction Work means any construction, alteration, painting, demolition, salvage, renovation, repair, or maintenance of any residential or public building, including preparation and cleanup, that, by using or disturbing lead-containing material or soil, may result in significant exposure of adults or children to lead [14 CCR 35040].

Lead-Safe Work Practices [17 CCR 36050]: Any individual conducting lead activities, excluding lead hazard evaluation, shall:
(1) Use containment;
(2) Ensure that the work area has no visible dust or debris following the completion of a project;
(3) Demonstrate compliance with (a)(1) and (a)(2) to the Department or local enforcement agency, as defined in section 105251 of the Health and Safety Code, upon request.

Permissible Exposure Limit: The employer shall assure that no employee is exposed to lead at concentrations greater than fifty micrograms per cubic meter of air (50 μg/m3) averaged over an 8-hour period [8 CCR 1532.1 (c) (1)].

9.0 DISCLAIMER

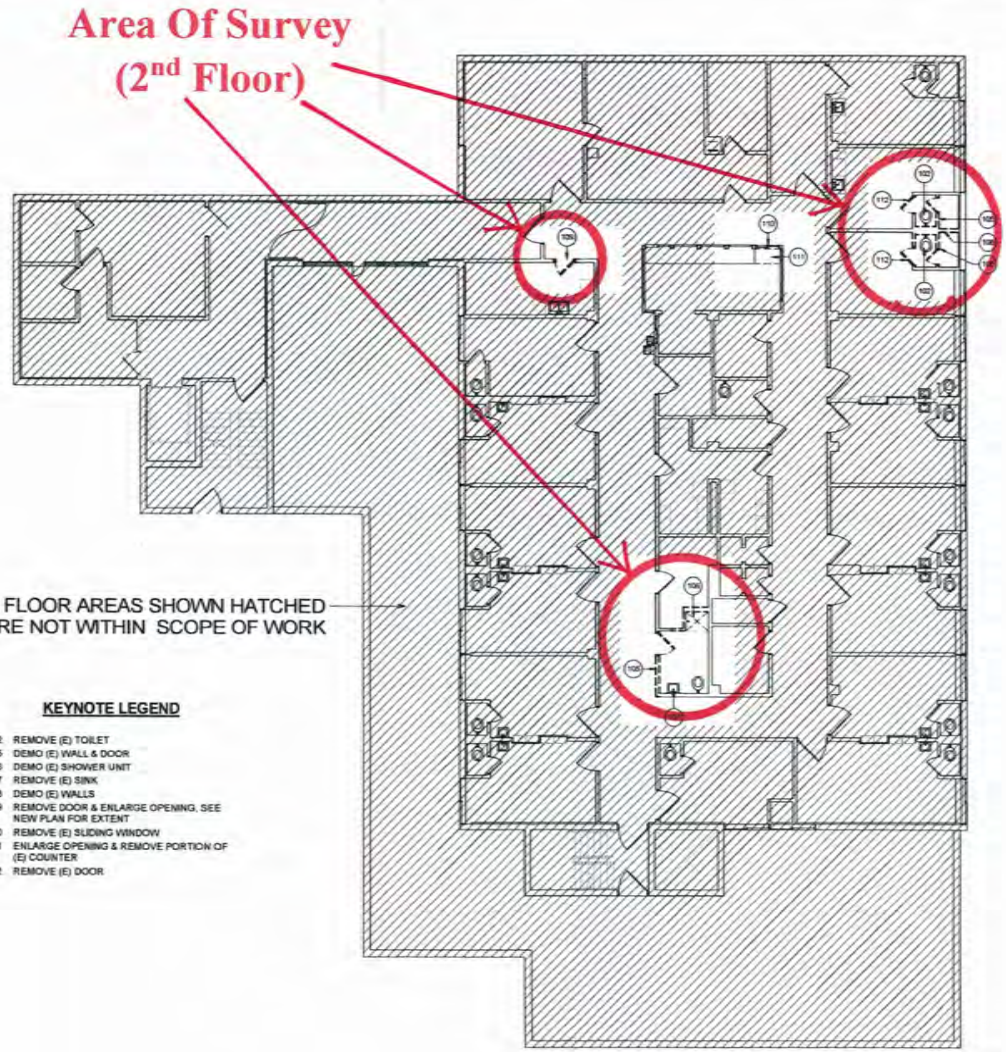
The sole purpose of this investigation and of this report is to assess the site with respect to asbestos materials and lead containing surface coatings as defined by the scope of work. Brunelle & Clark Consulting, LLC, is not responsible for locating asbestos containing building material in inaccessible areas such as behind walls, above hard ceilings, beneath flooring or underground. The passage of time, manifestation of latent conditions, or occurrence of future events may require further exploration at the site, analysis of data, and reevaluation of the findings, observations, conclusions, and recommendations expressed in the report. This report has been prepared on behalf of and for the exclusive use of the client, and is subject to and issued in connection with the agreement and the provisions thereof. All findings, conclusions, and analytical data presented in this report are based on the information obtained by Brunelle & Clark Consulting, LLC's survey and by the laboratory analysis.

While the owner/operator was responsible for describing the extent and limits of site work, materials to be sampled were determined by the certified (asbestos) building inspector who performed this survey and was not otherwise subject to limitations by the owner/operator.

-end of text-

APPENDIX A
Figures

BRUNELLE & CLARK CONSULTING, LLC
P. O. Box 1138
Arcata, California 95518
1800321 12/24/18



2nd Floor
HC Mental Health
720 Wood St.
Eureka, CA

FIG. 1

1 2ND FLOOR PLAN - EXISTING / DEMO
1/8" = 1'-0"

NORTH

REVISION SCHEDULE

NO.	DESCRIPTION	DATE

SEAL

CONSULTANT

BrokawDesign
P.O. BOX 3103
ROHNERT PARK, CA 94927
WWW.BROKAWDESIGN.COM

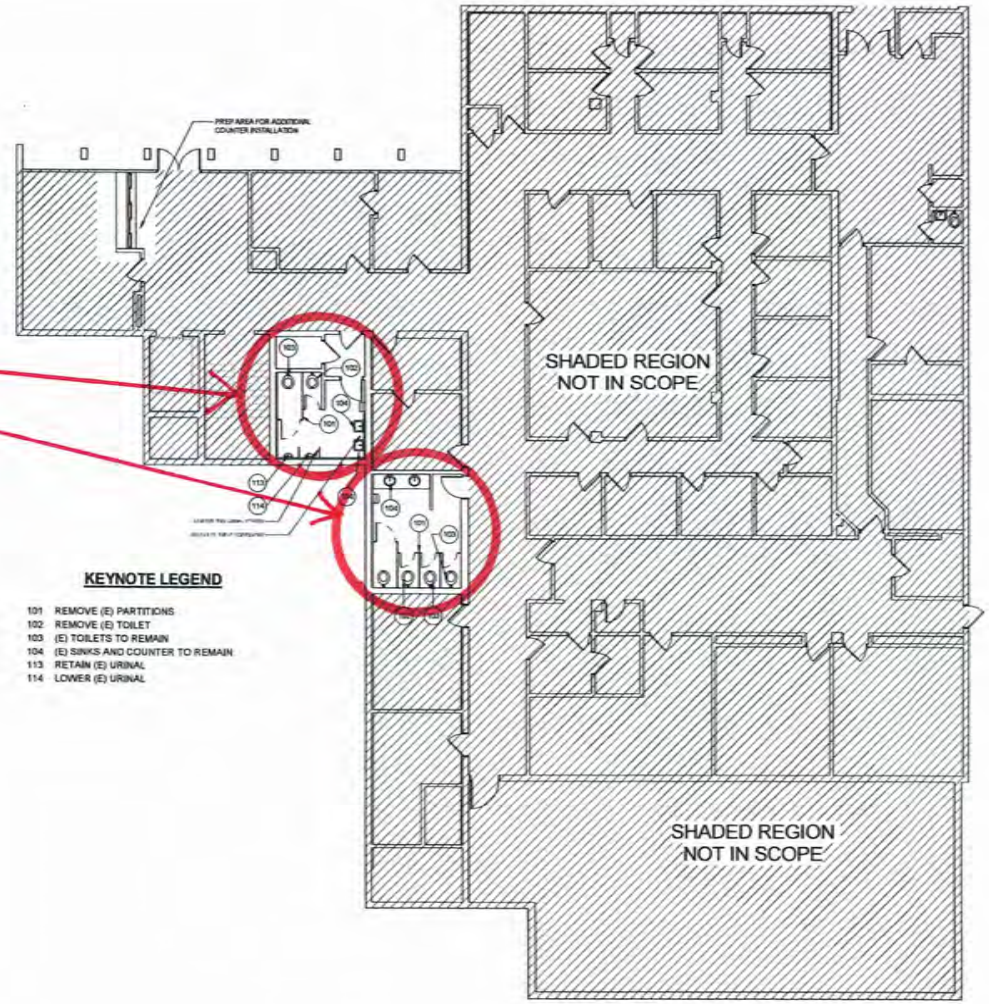
PROJECT
MENTAL HEALTH CENTER ACCESSIBILITY MODIFICATIONS
720 WOOD STREET
EUREKA, CA 95502

SHEET NAME
OVERALL 2ND FLOOR PLAN - EXISTING / DEMO

ISSUE DATE	12/19/2018
	PREPARATION AND REVIEW
DRAWN BY	DBP
DESIGNER	CJS
PROJ MGR	
PEER REVIEW	MCK

SHEET NUMBER
A-201

BRUNELLE & CLARK CONSULTING, LLC
P. O. Box 1138
Arcata, California 95518
1800321 12/24/18



1st Floor
HC Mental Health
720 Wood St.
Eureka, CA

FIG. 2

REVISION SCHEDULE

NO.	DESCRIPTION	DATE

SEAL

CONSULTANT

BrokawDesign
P.O. BOX 3103
ROHNERT PARK, CA 94927
WWW.BROKAWDESIGN.COM

PROJECT
MENTAL HEALTH CENTER ACCESSIBILITY MODIFICATIONS
720 WOOD STREET
EUREKA, CA 95502

SHEET NAME
OVERALL FIRST FLOOR PLAN - EXISTING / DEMO

ISSUE DATE: 10/19/2018
PREPARATION AND REVIEW
DRAWN BY: DBP
DESIGNER: CLB
PROJ MGR:
PEER REVIEW: MCK

SHEET NUMBER
A-101

BRUNELLE & CLARK CONSULTING, LLC
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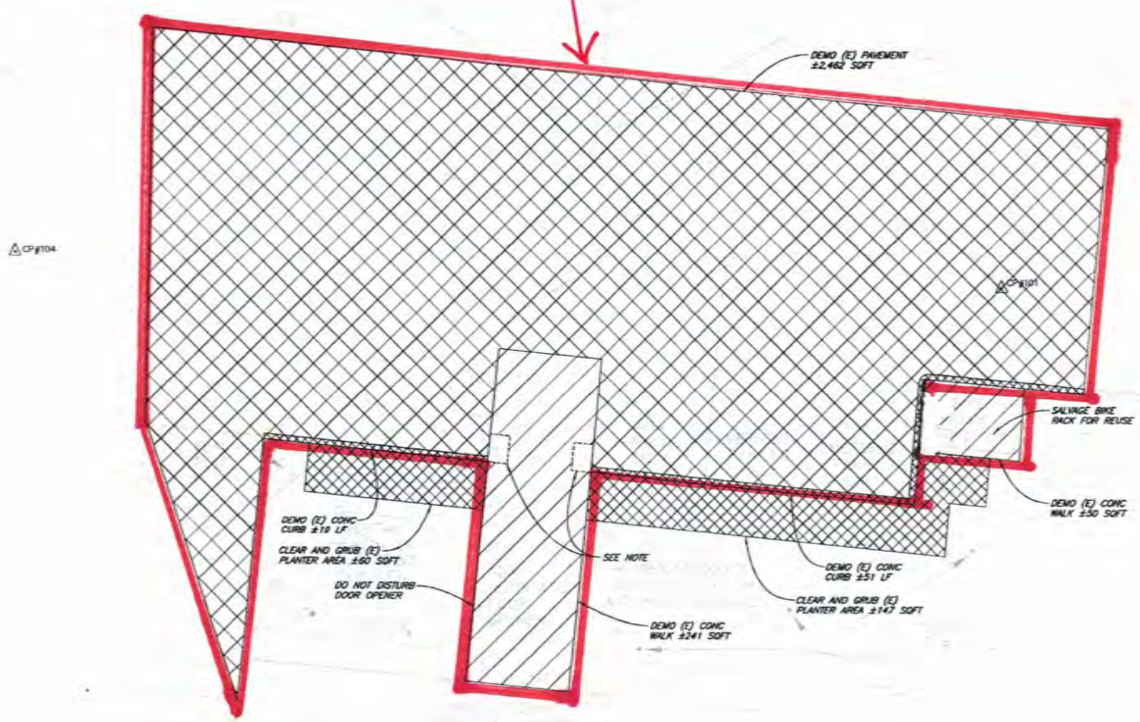
Arcata, California 95518
1800321 12/24/18

Area Of Survey (Exterior)



Exterior
HC Mental Health
720 Wood St.
Eureka, CA

NOTES:

1. AWNING POSTS AND FOOTINGS TO REMAIN UNDISTURBED. SAWCUT 12" AROUND POSTS, TAKE CARE NOT TO DAMAGE CONCRETE FOOTING THAT MAY BE PRESENT DURING DEMOLITION.
2. REFER TO SITE LAYOUT PLAN (C-2) FOR DIMENSIONS ASSOCIATED WITH THE DEMOLITION LIMITS.
3. EXISTING CONTROL POINT WILL BE DISTURBED BY DEMOLITION ACTIVITIES. CONTRACTOR IS RESPONSIBLE FOR SETTING NEW CONTROL POINTS AS NEEDED FOR PROJECT LAYOUT.

811 Know what's below. Call before you dig.
Contractor shall call Underground Service Alert at 811 two working days prior to excavation. Landline: 1-800-227-2600

1"=5'

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. WABASH AVE. EUREKA, CA 95501
WWW.SHN-ENGR.COM 707-441-8855

COUNTY OF HUMBOLDT
HUMBOLDT COUNTY MENTAL HEALTH ADA UPGRADES
EUREKA, CALIFORNIA

DEMOLITION PLAN

SHEET C-1
DATE 10/2018
PROJ. NO. 018077.100

10/23/18

FIG. 3

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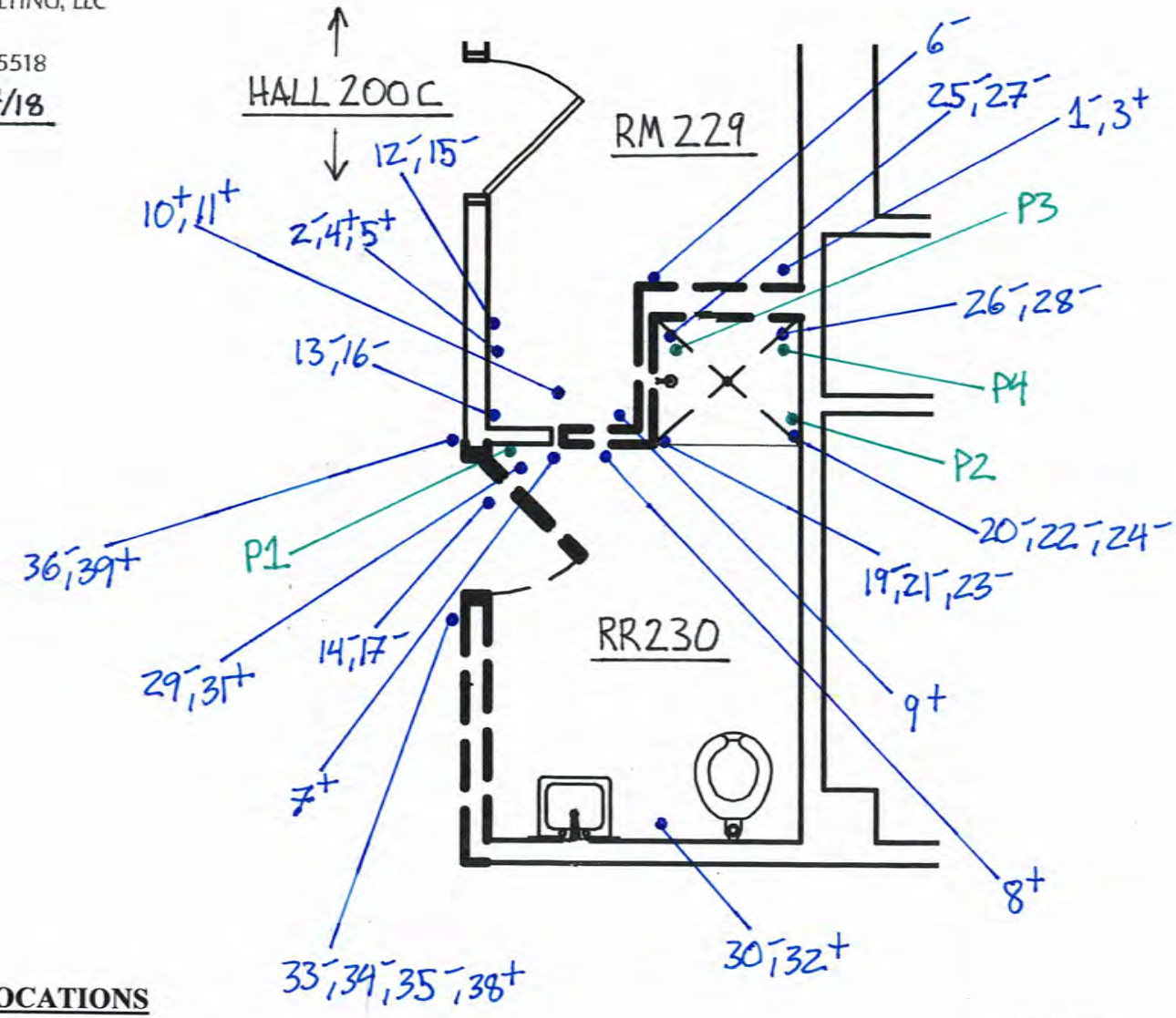


SAMPLE LOCATIONS

(Asbestos Samples: 1-36, 38 & 39)

\# Asbestos Sample Locations
(Prefixed 180321- #, with + or − designation)
(+) is positive for Asbestos, (−) is negative

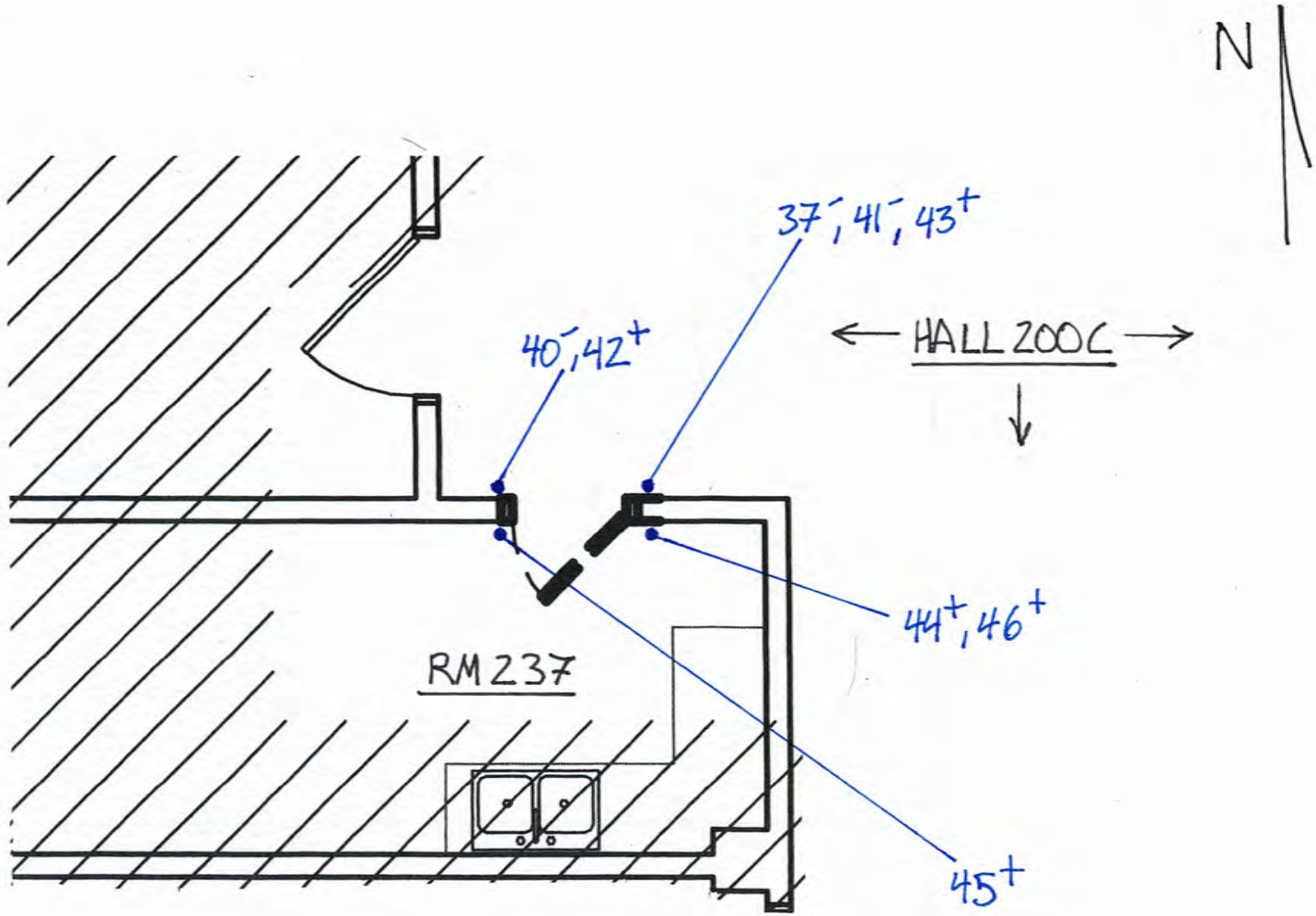
(Lead Paint Samples: P1-P4)

P# Paint Sample Locations

2nd Floor
Rm. 229, RR 230 & Hall
HC Mental Health
720 Wood St.
Eureka, CA

FIG. 4

BRUNELLE & CLARK CONSULTING, LLC
P. O. Box 1138
Arcata, California 95518
160032.1 12/24/18



SAMPLE LOCATIONS

(Asbestos Samples: 37 & 40-46)

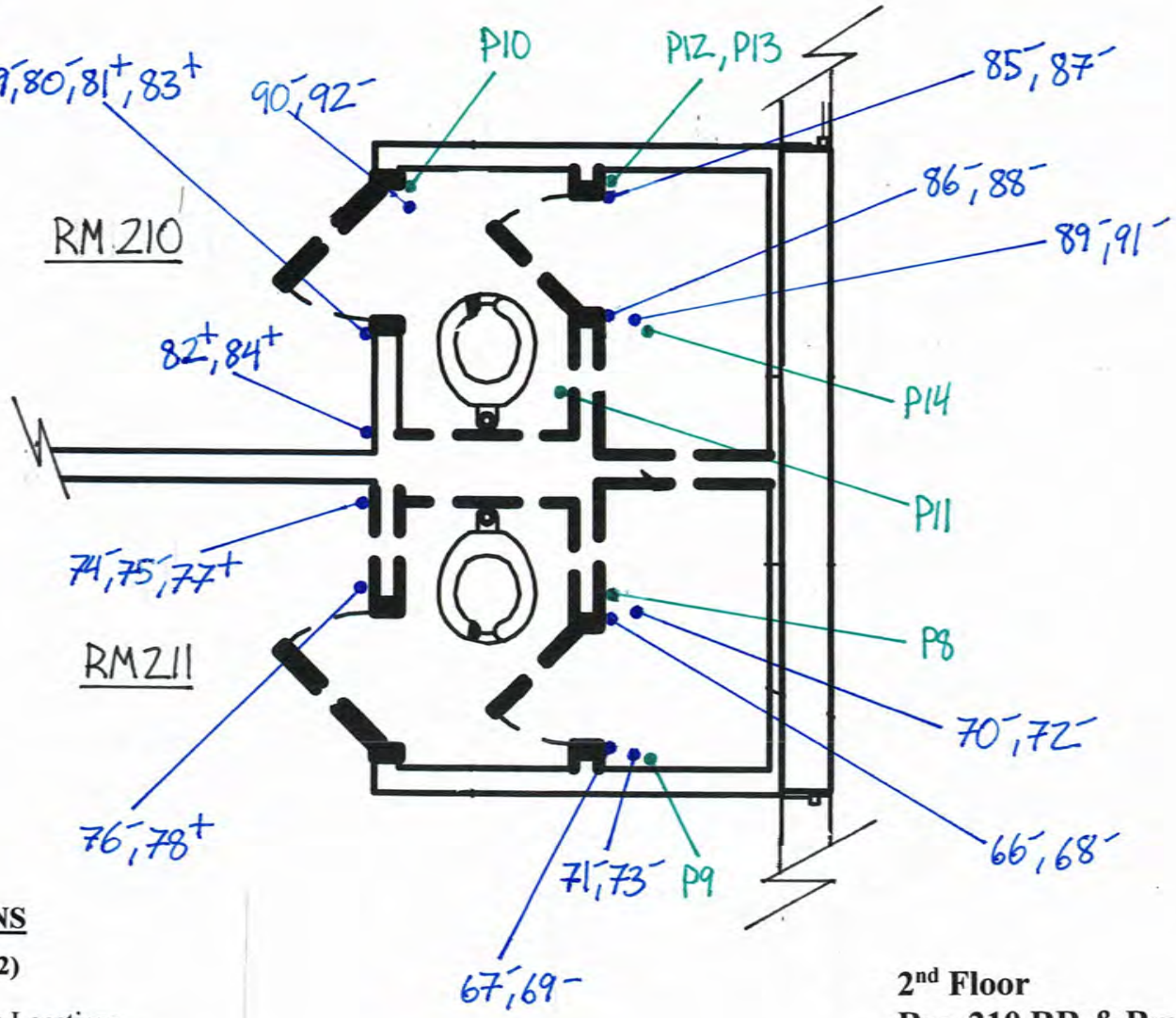
● # Asbestos Sample Locations
(Prefixed 180321- #, with + or − designation)
(+) is positive for Asbestos, (−) is negative

2nd Floor
Rm 237 & Hall
HC Mental Health
720 Wood St.
Eureka, CA

FIG. 5

BRUNELLE & CLARK CONSULTING, LLC
P. O. Box 1138
Arcata, California 95518

1800321 12/24/18



SAMPLE LOCATIONS

(Asbestos Samples: 66-92)

\# Asbestos Sample Locations
(Prefixed 180321- #, with + or − designation)
(+) is positive for Asbestos, (−) is negative

(Lead Paint Samples: P8-P14)

P# Paint Sample Locations

2nd Floor
Rm. 210 RR & Rm. 211 RR
HC Mental Health
720 Wood St.
Eureka, CA

FIG. 6

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Arcata, California 95518

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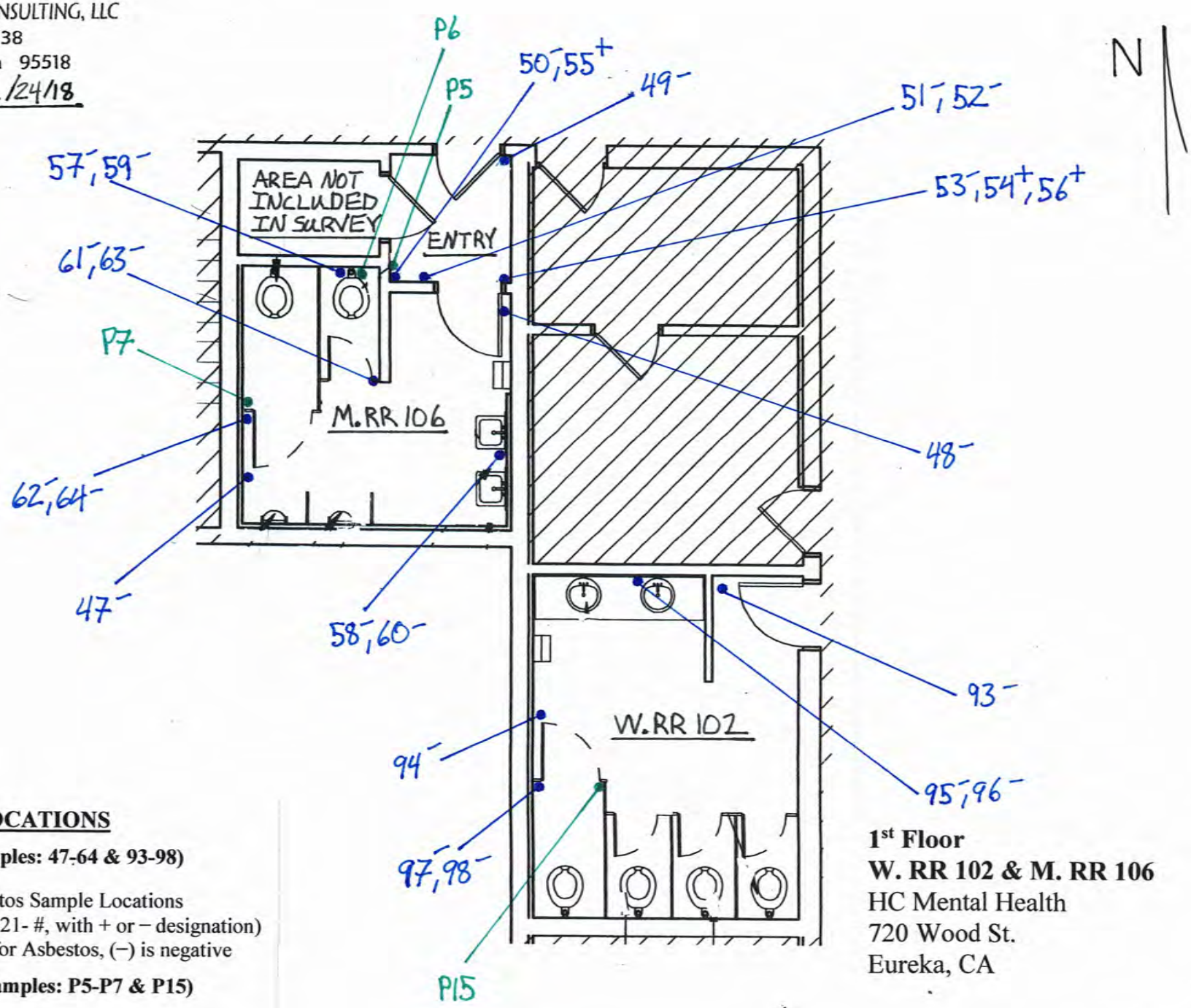

SAMPLE LOCATIONS

(Asbestos Samples: 47-64 & 93-98)

\# Asbestos Sample Locations
(Prefixed 180321- #, with + or − designation)
(+) is positive for Asbestos, (−) is negative

(Lead Paint Samples: P5-P7 & P15)

P# Paint Sample Locations

1st Floor
W. RR 102 & M. RR 106
HC Mental Health
720 Wood St.
Eureka, CA

FIG. 7

BRUNELLE & CLARK CONSULTING, LLC
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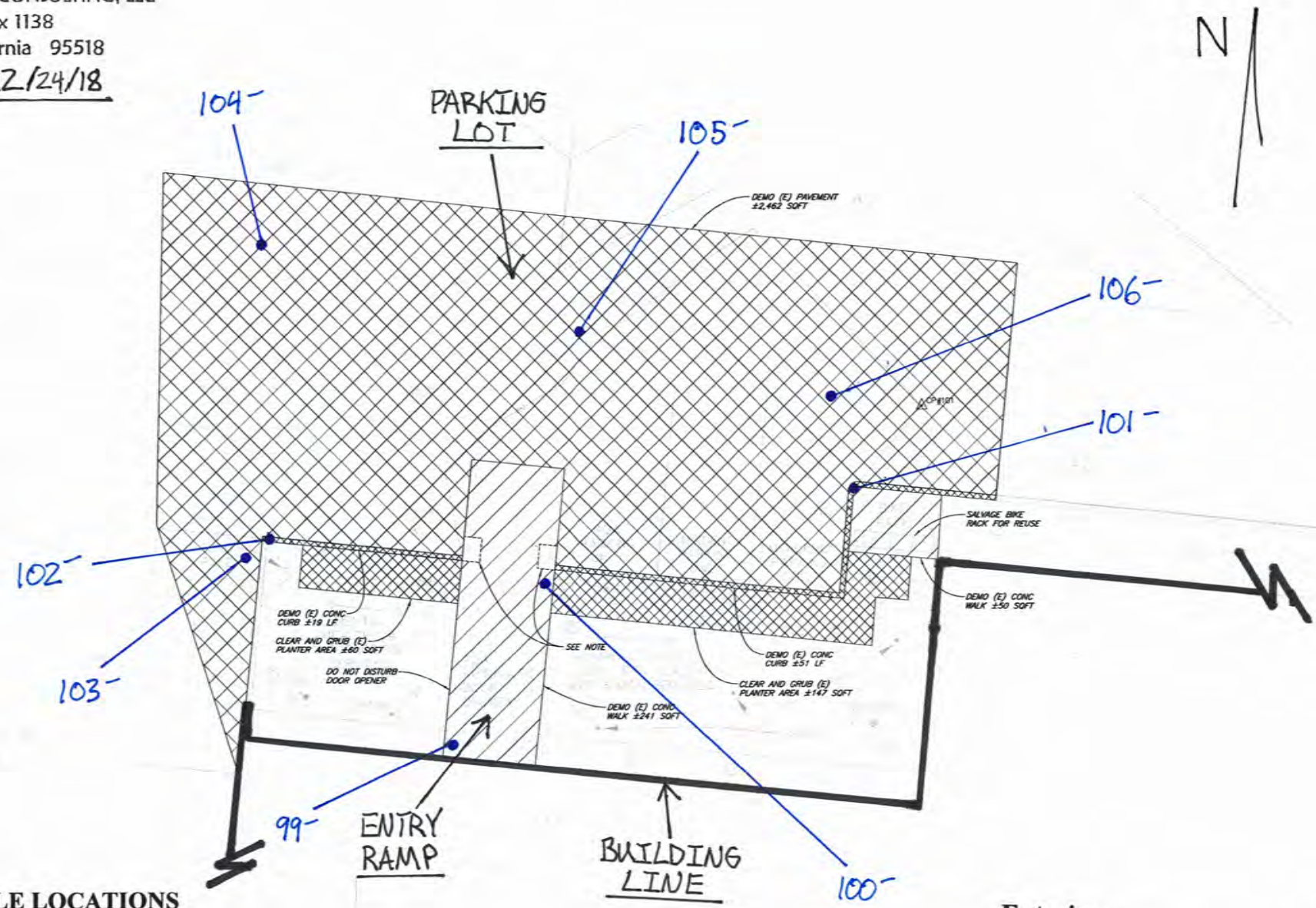

SAMPLE LOCATIONS

(Asbestos Samples: 99-106)

● # Asbestos Sample Locations
(Prefixed 180321- #, with + or − designation)
(+) is positive for Asbestos, (−) is negative

Exterior
HC Mental Health
720 Wood St.
Eureka, CA

FIG. 8

BRUNELLE & CLARK CONSULTING, LLC
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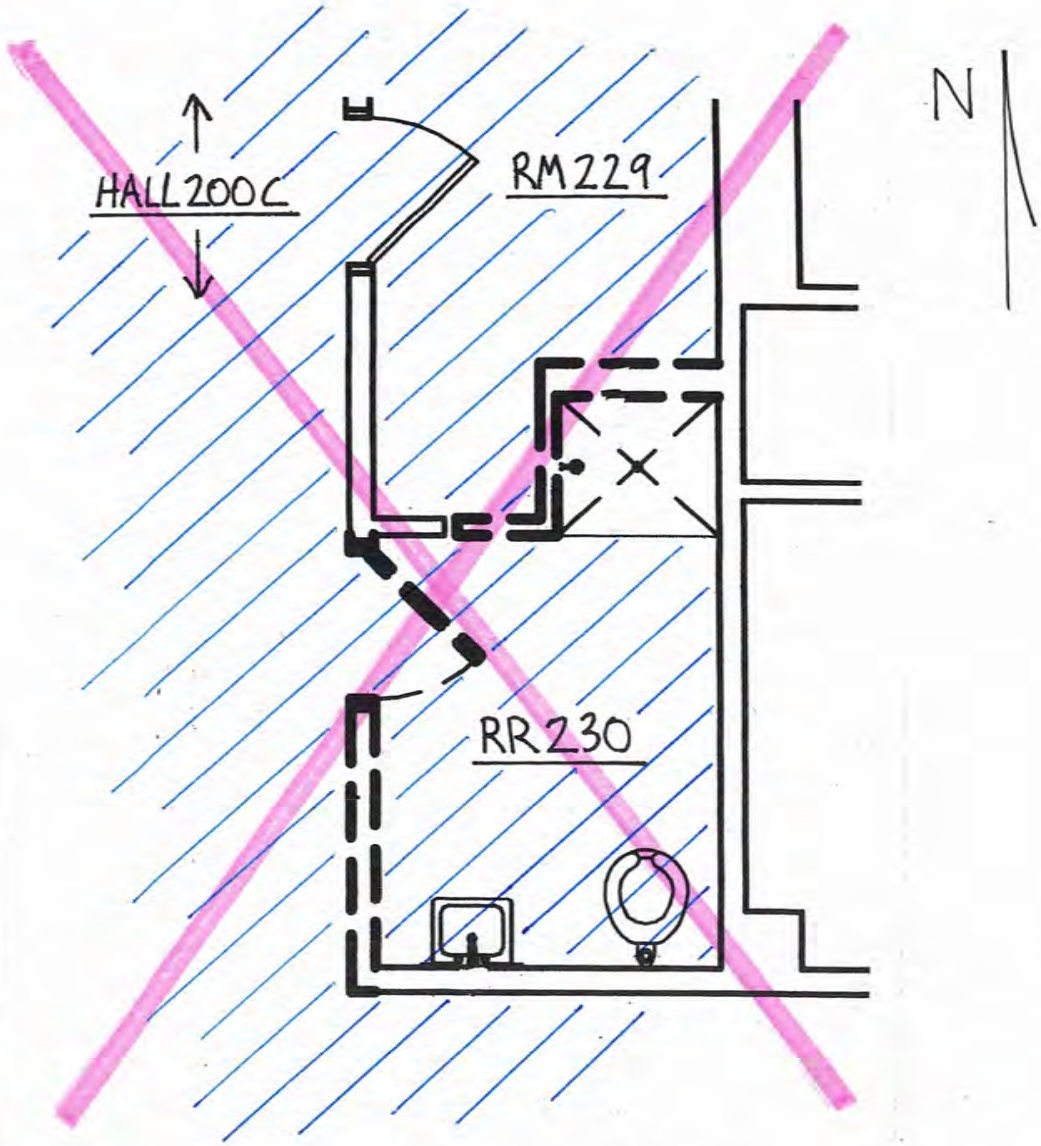
1800321 12/24/18



ASBESTOS LOCATIONS

- ACCM Plaster; top coat/rough coat, all wall & ceiling plaster on the 2nd floor (see previous survey, Appendix. C)
- ACM Pipe insulation elbows & tees, white compound, found on pipes above ceilings & potentially in walls
- ACM Spray-on fireproofing, above ceiling, on ceilings, walls, around wall penetrations, and overspray on equipment and ducting
- ACM Vinyl floor tile, gray with splotches & associated ACM Black mastic
- ACCM Baseboard mastic, dark brown, potentially present as remnant baseboard mastic on all walls behind newer baseboard

Note: See Table 2 for asbestos material location details

2nd Floor
Rm. 229, RR 230 & Hall
HC Mental Health
720 Wood St.
Eureka, CA

FIG. 9

BRUNELLE & CLARK CONSULTING, LLC
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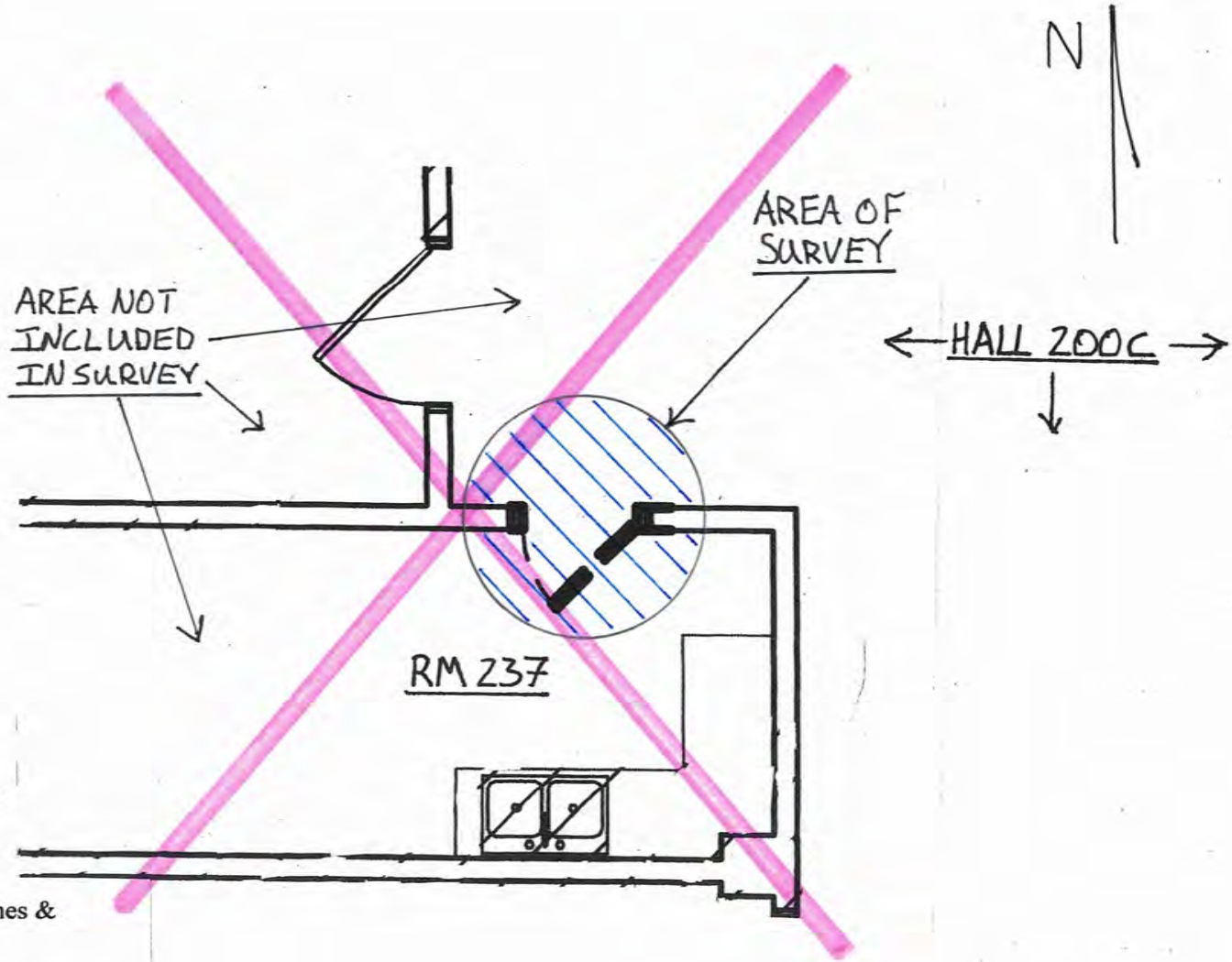
Arcata, California 95518

1800321 12/24/18



ASBESTOS LOCATIONS

- ACCM Plaster; top coat/rough coat, all wall & ceiling plaster on the 2nd floor (see previous survey, Appendix. C)
- ACM Vinyl floor tile, gray with splotches & associated ACM Black mastic
- ACM Vinyl floor tile (9"x 9"), tan with brown splotches & ACM Black Mastic
- ACM Vinyl floor tile (9"x 9"), gray with brown splotches (mastic negative), "small patch"
- ACCM Baseboard mastic, dark brown, identified present and potentially present as remnant baseboard mastic on all walls behind newer baseboard

Note: See Table 2 for asbestos material location details

2nd Floor
Rm 237 & Hall
HC Mental Health
720 Wood St.
Eureka, CA

FIG. 10

BRUNELLE & CLARK CONSULTING, LLC
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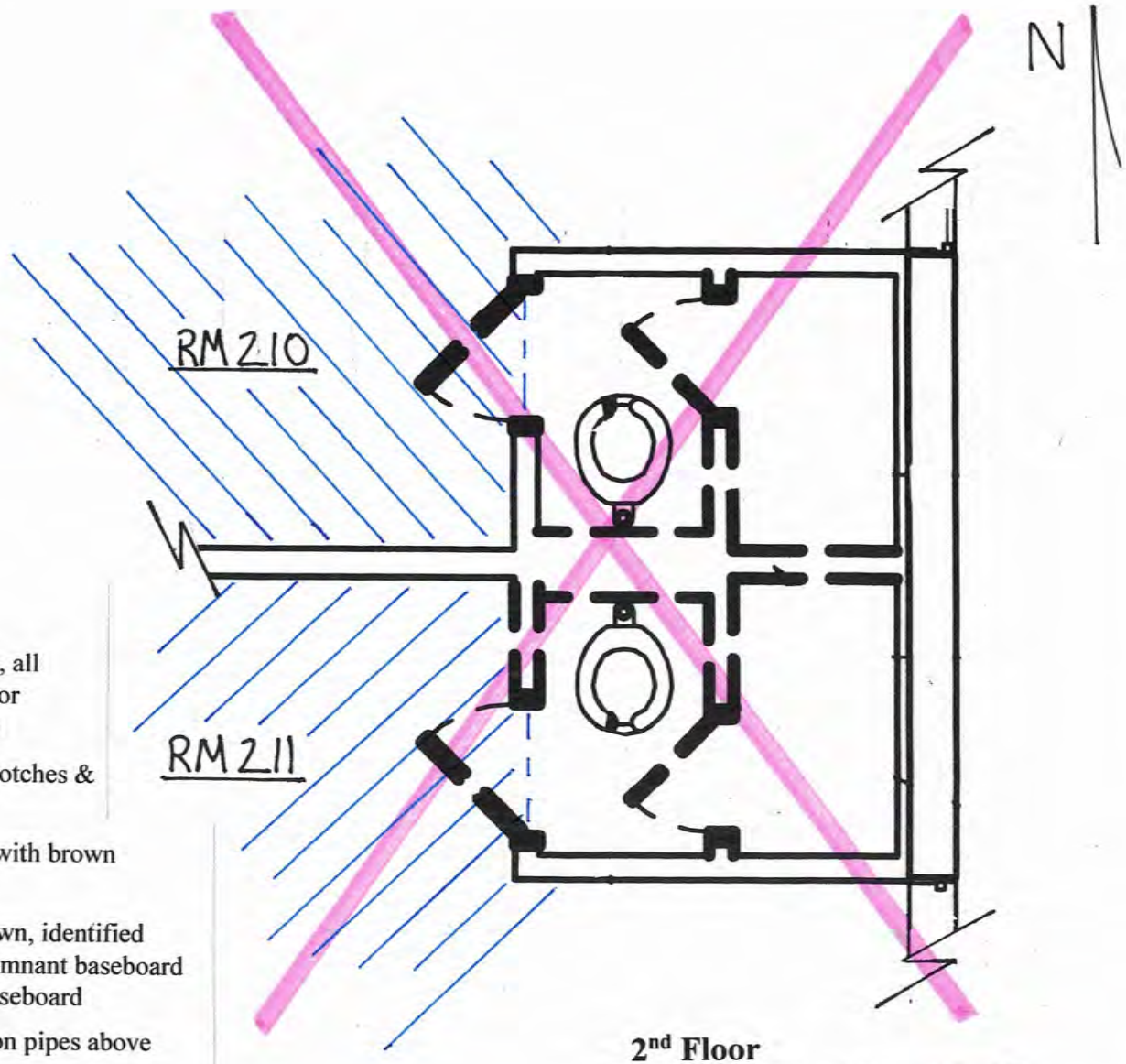
Arcata, California 95518
1800321 12/24/18



ASBESTOS LOCATIONS

- ACCM Plaster; top coat/rough coat, all wall & ceiling plaster on the 2nd floor (see previous survey, Appendix. C)
- ACM Vinyl floor tile, gray with splotches & associated ACM Black mastic
- ACM Vinyl floor tile (9"x 9"), tan with brown splotches & ACM Black Mastic
- ACCM Baseboard mastic, dark brown, identified present and potentially present as remnant baseboard mastic on all walls behind newer baseboard

Note: potential for ACM Pipe insulation on pipes above hard ceilings & in walls

Note: potential for ACM Spray-on fireproofing above hard ceilings: on ceilings, walls, around wall penetrations, and overspray on equipment and ducting

Note: See Table 2 for asbestos material location details

2nd Floor
Rm. 210 RR & Rm. 211 RR
HC Mental Health
720 Wood St.
Eureka, CA

FIG. 11

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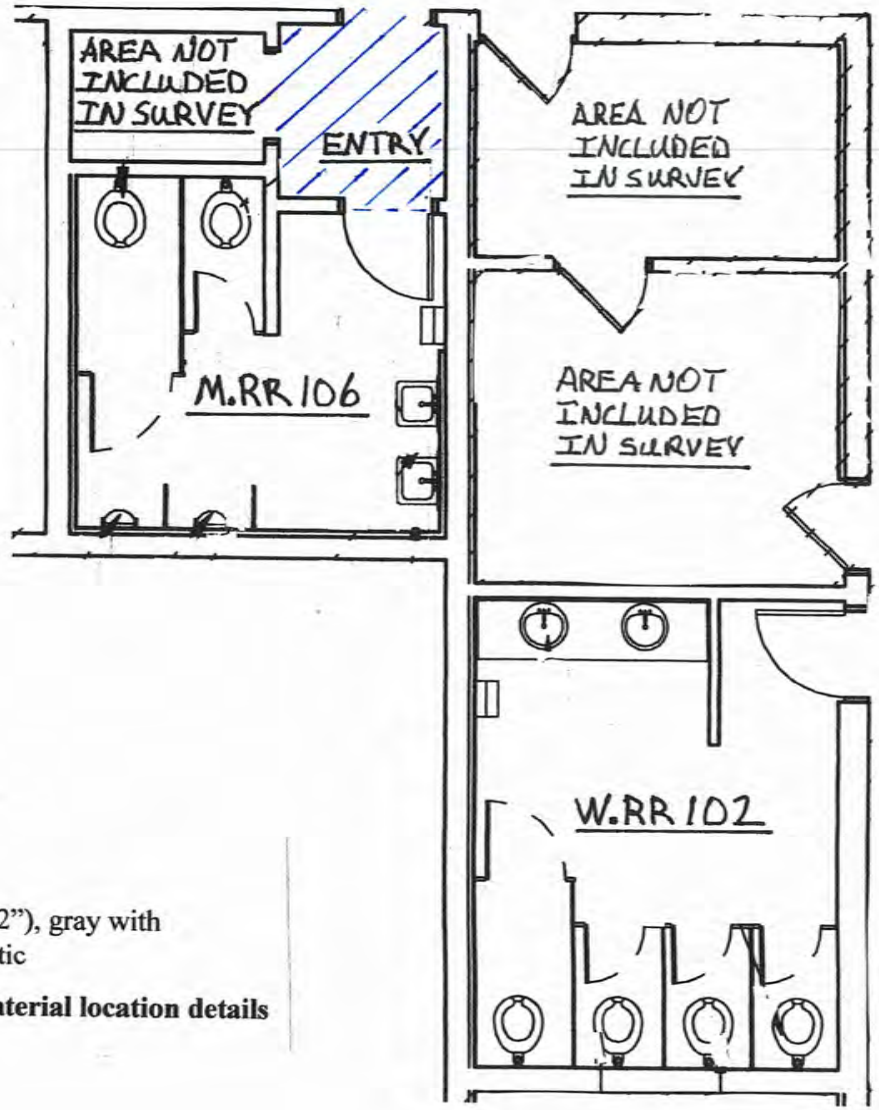
1800321 12/24/18



ASBESTOS LOCATIONS

ACM Vinyl floor tile (12"x 12"), gray with splotches & ACM Black Mastic

Note: See Table 2 for asbestos material location details

1st Floor
W. RR 102 & M. RR 106
HC Mental Health
720 Wood St.
Eureka, CA

FIG. 12

Brunelle & Clark Consulting, LLC
P.O. Box 1138
Arcata, CA 95518

1800321 12/24/18

Above ceiling in Rm. 229 & RR 230, ACM pipe insulation on pipe elbows & tees, and ACM spray on fireproofing as overspray on fiberglass duct insulation

Above ceiling in Rm. 229 & RR 230, ACM pipe insulation on pipe elbows & tees

Humboldt County Mental Health Facility
720 Wood Street
Eureka, CA

FIG. 13

Brunelle & Clark Consulting, LLC
P.O. Box 1138
Arcata, CA 95518

1800321 12/24/18

Above ceiling in Rm. 229 & RR 230, ACM spray on fireproofing on pipe at wall penetration

Above ceiling in Rm. 229 & RR 230, ACM spray on fireproofing on concrete ceiling & beams

Humboldt County Mental Health Facility
720 Wood Street
Eureka, CA

FIG. 14

APPENDIX B

Tables & Laboratory Reports

TABLE 1
SUMMARY OF ASBESTOS ANALYTIC DATA

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

Sample Number	Sample Description (each layer)	Location	Asbestos % and Type	Friable vs. Non-Friable	Comments
180321- 1	Vinyl floor tile (12x12), gray	2nd Floor, Rm. 229, floor, top layer	None Detected	Non-Friable	
TEM	*On VFT layer of sample above*	*“”*	*None Detected*	*Non-Friable*	*By CHATFIELD TEM analysis*
2nd layer	Glue, yellow	‘’	None Detected	Non-Friable	
180321- 2	Vinyl floor tile (12x12), gray	2nd Floor, Rm. 229, floor, top layer	None Detected	Non-Friable	
2nd layer	Glue, yellow	‘’	None Detected	Non-Friable	
180321- 3	**Vinyl floor tile, gray**	**2nd Floor, Rm. 229, floor, bottom layer**	**2% CH**	**Non-Friable**	
2nd layer	**Mastic, black & brown**	**‘’**	**2% CH**	**Non-Friable**	
180321- 4	**Vinyl floor tile, gray**	**2nd Floor, Rm. 229, floor, bottom layer**	**PACM**	**Non-Friable**	**NA/PS**
2nd layer	**Mastic, black & brown**	**‘’**	**PACM**	**Non-Friable**	**NA/PS**
180321- 5	**Mastic, black & brown**	**2nd Floor, Rm. 229, floor, under bottom layer of VFT, on concrete**	**3% CH**	**Non-Friable**	
180321- 6	Baseboard mastic, tan	2nd Floor, Rm. 229, baseboard	None Detected	Non-Friable	
180321- 7	**Pipe insulation elbow, white compound**	**2nd Floor, RR 230 & Rm. 229, above ceiling, on hot water pipes**	**10% CH**	**Friable**	
180321- 8	**Pipe insulation elbow, white compound**	**2nd Floor, RR 230 & Rm. 229, above ceiling, on hot water pipes**	**PACM**	**Friable**	**NA/PS**

TABLE 1
SUMMARY OF ASBESTOS ANALYTIC DATA

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

Sample Number	Sample Description (each layer)	Location	Asbestos % and Type	Friable vs. Non-Friable	Comments
180321- 9	**Pipe insulation elbow, white compound**	**2nd Floor, RR 230 & Rm. 229, above ceiling, on hot water pipes**	**PACM**	**Friable**	**NA/PS**
180321- 10	**Pipe insulation elbow, white compound**	**2nd Floor, RR 230 & Rm. 229, above ceiling, on hot water pipes**	**PACM**	**Friable**	**NA/PS**
180321- 11	**Pipe insulation elbow, white compound**	**2nd Floor, RR 230 & Rm. 229, above ceiling, on hot water pipes**	**PACM**	**Friable**	**NA/PS**
180321- 12	Plaster; rough coat only, light gray	2nd Floor, RR 230 & Rm. 229, above ceiling, on wall	None Detected	Non-Friable	
180321- 13	Plaster; rough coat only, light gray	2nd Floor, RR 230 & Rm. 229, above ceiling, on wall	None Detected	Non-Friable	
180321- 14	Plaster; rough coat only, light gray	2nd Floor, RR 230 & Rm. 229, above ceiling, on wall	None Detected	Non-Friable	
180321- 15	**Fireproofing, spray-on, gray**	**2nd Floor, RR 230 & Rm. 229, above ceiling, on ceiling & wall**	**None Detected**	**Non-Friable**	**Found positive in other areas of the building, must presume to contain asbestos**
180321- 16	**Fireproofing, spray-on, gray**	**2nd Floor, RR 230 & Rm. 229, above ceiling, on ceiling & wall**	**None Detected**	**Non-Friable**	**Found positive in other areas of the building, must presume to contain asbestos**

TABLE 1
SUMMARY OF ASBESTOS ANALYTIC DATA

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

Sample Number	Sample Description (each layer)	Location	Asbestos % and Type	Friable vs. Non-Friable	Comments
180321- 17	**Fireproofing, spray-on, gray**	**2nd Floor, RR 230 & Rm. 229, above ceiling, on ceiling & wall**	**None Detected**	**Non-Friable**	**Found positive in other areas of the building, must presume to contain asbestos**
180321- 18	No sample	--	--	--	--
180321- 19	Tile grout, white	2nd Floor, RR 230, shower, ceramic wall tile	None Detected	Non-Friable	
180321- 20	Tile grout, white	2nd Floor, RR 230, shower, ceramic wall tile	None Detected	Non-Friable	
180321- 21	Tile mortar, white	2nd Floor, RR 230, shower, ceramic wall tile	None Detected	Non-Friable	
180321- 22	Tile mortar, white	2nd Floor, RR 230, shower, ceramic wall tile	None Detected	Non-Friable	
180321- 23	Backer board, cementitious, gray	2nd Floor, RR 230, shower, behind ceramic wall tile	None Detected	Non-Friable	
180321- 24	Backer board, cementitious, gray	2nd Floor, RR 230, shower, behind ceramic wall tile	None Detected	Non-Friable	
180321- 25	Tile grout, dark gray	2nd Floor, RR 230, shower, ceramic floor tile	None Detected	Non-Friable	
180321- 26	Tile grout, dark gray	2nd Floor, RR 230, shower, ceramic floor tile	None Detected	Non-Friable	
180321- 27	Tile mortar; white	2nd Floor, RR 230, shower, ceramic floor tile	None Detected	Non-Friable	
2nd layer	…dark gray	‘’	None Detected	Non-Friable	

TABLE 1
SUMMARY OF ASBESTOS ANALYTIC DATA

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

Sample Number	Sample Description (each layer)	Location	Asbestos % and Type	Friable vs. Non-Friable	Comments
180321- 28	Tile mortar; white	2nd Floor, RR 230, shower, ceramic floor tile	None Detected	Non-Friable	
2nd layer	…dark gray	‘’	None Detected	Non-Friable	
180321- 29	Sheet flooring, brown with speckles	2nd Floor, RR 230, floor, top layer	None Detected	Non-Friable	
2nd layer	Glue, brown & gray	‘’	None Detected	Non-Friable	
180321- 30	Sheet flooring, brown with speckles	2nd Floor, RR 230, floor, top layer	None Detected	Non-Friable	
2nd layer	Glue, brown & gray	‘’	None Detected	Non-Friable	
180321- 31	**Vinyl floor tile, gray**	**2nd Floor, RR 230, floor, bottom layer**	**2% CH**	**Non-Friable**	
2nd layer	**Mastic, black**	**‘’**	**4% CH**	**Non-Friable**	
180321- 32	**Vinyl floor tile, gray**	**2nd Floor, RR 230, floor, bottom layer**	**PACM**	**Non-Friable**	**NA/PS**
2nd layer	**Mastic, black**	**‘’**	**PACM**	**Non-Friable**	**NA/PS**
180321- 33	Baseboard mastic, gray	2nd Floor, Hall 200C, outside RR 230, baseboard	None Detected	Non-Friable	
180321- 34	Baseboard mastic, tan	2nd Floor, Hall 200C, outside RR 230, baseboard	None Detected	Non-Friable	
180321- 35	Baseboard mastic, cream	2nd Floor, Hall 200C, outside RR 230, baseboard	None Detected	Non-Friable	
180321- 36	Sheet flooring, tan with speckles	2nd Floor, Hall 200C, outside RR 230, floor, top layer	None Detected	Non-Friable	

TABLE 1
SUMMARY OF ASBESTOS ANALYTIC DATA

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

Sample Number	Sample Description (each layer)	Location	Asbestos % and Type	Friable vs. Non-Friable	Comments
2nd layer	Glue, tan	‘’	None Detected	Non-Friable	
180321- 37	Sheet flooring, tan with speckles	2nd Floor, Hall 200C, outside Rm. 237, floor, top layer	None Detected	Non-Friable	
2nd layer	Glue, tan	‘’	None Detected	Non-Friable	
180321- 38	**Vinyl floor tile, gray**	**2nd Floor, Hall 200C, outside RR 230, floor, bottom layer**	**2% CH**	**Non-Friable**	
2nd layer	**Mastic, black**	**‘’**	**4% CH**	**Non-Friable**	
180321- 39	**Vinyl floor tile, gray**	**2nd Floor, Hall 200C, outside RR 230, floor, bottom layer**	**PACM**	**Non-Friable**	**NA/PS**
2nd layer	**Mastic, black**	**‘’**	**PACM**	**Non-Friable**	**NA/PS**
180321- 40	Baseboard mastic, dark brown	2nd Floor, Hall 200C, outside Rm. 237, baseboard	None Detected	Non-Friable	
180321- 41	Baseboard mastic, dark brown	2nd Floor, Hall 200C, outside Rm. 237, baseboard	None Detected	Non-Friable	
180321- 42	**Vinyl floor tile, gray**	**2nd Floor, Hall 200C, outside Rm. 237, floor, bottom layer**	**2% CH**	**Non-Friable**	
2nd layer	**Mastic, black**	**‘’**	**4% CH**	**Non-Friable**	
180321- 43	**Vinyl floor tile, gray**	**2nd Floor, Hall 200C, outside Rm. 237, floor, bottom layer**	**PACM**	**Non-Friable**	**NA/PS**
2nd layer	**Mastic, black**	**‘’**	**PACM**	**Non-Friable**	**NA/PS**

TABLE 1
SUMMARY OF ASBESTOS ANALYTIC DATA

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

Sample Number	Sample Description (each layer)	Location	Asbestos % and Type	Friable vs. Non-Friable	Comments
180321- 44	**Vinyl floor tile (9x9), tan with brown splotches**	**2nd Floor, Rm. 237, floor, only layer**	**2% CH**	**Non-Friable**	
2nd layer	**Mastic, black**	**‘’**	**4% CH**	**Non-Friable**	
180321- 45	**Vinyl floor tile (9x9), tan with brown splotches**	**2nd Floor, Rm. 237, floor, only layer**	**PACM**	**Non-Friable**	**NA/PS**
2nd layer	**Mastic, black**	**‘’**	**PACM**	**Non-Friable**	**NA/PS**
180321- 46	**Vinyl floor tile (9x9), gray with brown splotches**	**2nd Floor, Rm. 237, floor, only layer**	**2% CH**	**Non-Friable**	
2nd layer	Mastic, brown	‘’	None Detected	Non-Friable	
180321- 47	Plaster; top coat, white	1st Floor, Men’s RR 106, ceiling	None Detected	Non-Friable	
2nd layer	…rough coat, light gray	‘’	None Detected	Non-Friable	
180321- 48	Plaster; top coat, white	1st Floor, Men’s RR 106, ceiling	None Detected	Non-Friable	
2nd layer	…rough coat, light gray	‘’	None Detected	Non-Friable	
180321- 49	Plaster; top coat, white	1st Floor, Men’s RR 106, entry, wall	None Detected	Non-Friable	
2nd layer	…rough coat, light gray	‘’	None Detected	Non-Friable	
180321- 50	Plaster; top coat, white	1st Floor, Men’s RR 106, entry, wall	None Detected	Non-Friable	
2nd layer	…rough coat, light gray	‘’	None Detected	Non-Friable	
180321- 51	Baseboard mastic, tan	1st Floor, Men’s RR 106, entry, baseboard	None Detected	Non-Friable	
180321- 52	Baseboard mastic, dark brown	1st Floor, Men’s RR 106, entry, baseboard	None Detected	Non-Friable	
180321- 53	Baseboard mastic, dark brown	1st Floor, Men’s RR 106, entry, baseboard	None Detected	Non-Friable	

TABLE 1
SUMMARY OF ASBESTOS ANALYTIC DATA

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

Sample Number	Sample Description (each layer)	Location	Asbestos % and Type	Friable vs. Non-Friable	Comments
180321- 54	**Vinyl floor tile (12x12), gray with splotches**	**1st Floor, Men's RR 106, entry, floor, only layer**	**2% CH**	**Non-Friable**	
2nd layer	**Mastic, black**	**''**	**4% CH**	**Non-Friable**	
180321- 55	**Vinyl floor tile (12x12), gray with splotches**	**1st Floor, Men's RR 106, entry, floor, only layer**	**PACM**	**Non-Friable**	**NA/PS**
2nd layer	**Mastic, black**	**''**	**PACM**	**Non-Friable**	**NA/PS**
180321- 56	**Mastic, black**	**1st Floor, Men's RR 106, entry, floor, under VFT**	**5% CH**	**Non-Friable**	
180321- 57	Tile grout, white	1st Floor, Men's RR 106, ceramic wall tile	None Detected	Non-Friable	
180321- 58	Tile grout, white	1st Floor, Men's RR 106, ceramic wall tile	None Detected	Non-Friable	
180321- 59	Tile mortar, gray	1st Floor, Men's RR 106, ceramic wall tile	None Detected	Non-Friable	
180321- 60	Tile mortar, gray	1st Floor, Men's RR 106, ceramic wall tile	None Detected	Non-Friable	
180321- 61	Tile grout, gray	1st Floor, Men's RR 106, ceramic floor tile	None Detected	Non-Friable	
180321- 62	Tile grout, gray	1st Floor, Men's RR 106, ceramic floor tile	None Detected	Non-Friable	
180321- 63	Tile mortar, gray	1st Floor, Men's RR 106, ceramic floor tile	None Detected	Non-Friable	
180321- 64	Tile mortar, gray	1st Floor, Men's RR 106, ceramic floor tile	None Detected	Non-Friable	

TABLE 1
SUMMARY OF ASBESTOS ANALYTIC DATA

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

Sample Number	Sample Description (each layer)	Location	Asbestos % and Type	Friable vs. Non-Friable	Comments
180321- 65	No sample	--	--	--	--
180321- 66	Tile grout, white	2nd Floor, Rm. 211, RR, ceramic wall tile	None Detected	Non-Friable	
180321- 67	Tile grout, white	2nd Floor, Rm. 211, RR, ceramic wall tile	None Detected	Non-Friable	
180321- 68	Tile mortar, gray & brown	2nd Floor, Rm. 211, RR, ceramic wall tile	None Detected	Non-Friable	
180321- 69	Tile mortar, gray & brown	2nd Floor, Rm. 211, RR, ceramic wall tile	None Detected	Non-Friable	
180321- 70	Tile grout, dark gray	2nd Floor, Rm. 211, RR, ceramic floor tile	None Detected	Non-Friable	
180321- 71	Tile grout, dark gray	2nd Floor, Rm. 211, RR, ceramic floor tile	None Detected	Non-Friable	
180321- 72	Tile mortar, gray & brown	2nd Floor, Rm. 211, RR, ceramic floor tile	None Detected	Non-Friable	
180321- 73	Tile mortar, gray & brown	2nd Floor, Rm. 211, RR, ceramic floor tile	None Detected	Non-Friable	
180321- 74	Baseboard mastic, cream	2nd Floor, Rm. 211, baseboard	None Detected	Non-Friable	
180321- 75	Sheet flooring, brown with speckles	2nd Floor, Rm. 211, floor, top layer	None Detected	Non-Friable	
2nd layer	Glue, tan	‘’	None Detected	Non-Friable	
180321- 76	Sheet flooring, brown with speckles	2nd Floor, Rm. 211, floor, top layer	None Detected	Non-Friable	
2nd layer	Glue, tan	‘’	None Detected	Non-Friable	
180321- 77	**Vinyl floor tile, gray**	**2nd Floor, Rm. 211, floor, bottom layer**	**2% CH**	**Non-Friable**	

TABLE 1
SUMMARY OF ASBESTOS ANALYTIC DATA

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

Sample Number	Sample Description (each layer)	Location	Asbestos % and Type	Friable vs. Non-Friable	Comments
2nd layer	**Mastic, black**	**‘’**	**3% CH**	**Non-Friable**	
180321- 78	**Vinyl floor tile, gray**	**2nd Floor, Rm. 211, floor, bottom layer**	**PACM**	**Non-Friable**	**NA/PS**
2nd layer	**Mastic, black**	**‘’**	**PACM**	**Non-Friable**	**NA/PS**
180321- 79	Baseboard mastic, cream	2nd Floor, Rm. 210, baseboard	None Detected	Non-Friable	
180321- 80	Baseboard mastic, tan	2nd Floor, Rm. 210, baseboard	None Detected	Non-Friable	
180321- 81	**Baseboard mastic, dark brown**	**2nd Floor, Rm. 210, baseboard**	**<1% TR**	**Non-Friable**	
400 Point Count	***On dark brown baseboard mastic sample above***	***“”***	***<0.25% TR***	***Non-Friable***	***By 400 Point Count analysis***
180321- 82	**Baseboard mastic, dark brown**	**2nd Floor, Rm. 210, baseboard**	**<1% TR**	**Non-Friable**	
180321- 83	**Vinyl floor tile (9x9), tan with brown splotches**	**2nd Floor, Rm. 210, floor, under carpet**	**2% CH**	**Non-Friable**	
2nd layer	**Mastic, black**	**‘’**	**5% CH**	**Non-Friable**	
180321- 84	**Vinyl floor tile (9x9), tan with brown splotches**	**2nd Floor, Rm. 210, floor, under carpet**	**PACM**	**Non-Friable**	**NA/PS**
2nd layer	**Mastic, black**	**‘’**	**PACM**	**Non-Friable**	**NA/PS**
180321- 85	Tile grout, white	2nd Floor, Rm. 210, RR, ceramic wall tile	None Detected	Non-Friable	
180321- 86	Tile grout, white	2nd Floor, Rm. 210, RR, ceramic wall tile	None Detected	Non-Friable	
180321- 87	Tile mortar, gray & brown	2nd Floor, Rm. 210, RR, ceramic wall tile	None Detected	Non-Friable	

TABLE 1
SUMMARY OF ASBESTOS ANALYTIC DATA

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

Sample Number	Sample Description (each layer)	Location	Asbestos % and Type	Friable vs. Non-Friable	Comments
180321- 88	Tile mortar, gray & brown	2nd Floor, Rm. 210, RR, ceramic wall tile	None Detected	Non-Friable	
180321- 89	Tile grout, gray	2nd Floor, Rm. 210, RR, ceramic floor tile	None Detected	Non-Friable	
180321- 90	Tile grout, gray	2nd Floor, Rm. 210, RR, ceramic floor tile	None Detected	Non-Friable	
180321- 91	Tile mortar, gray	2nd Floor, Rm. 210, RR, ceramic floor tile	None Detected	Non-Friable	
180321- 92	Tile mortar, gray	2nd Floor, Rm. 210, RR, ceramic floor tile	None Detected	Non-Friable	
180321- 93	Plaster; top coat, white	1st Floor, Woman's RR 102, ceiling	None Detected	Non-Friable	
2nd layer	…rough coat, light gray	''	None Detected	Non-Friable	
180321- 94	Plaster; top coat, white	1st Floor, Woman's RR 102, ceiling	None Detected	Non-Friable	
2nd layer	…rough coat, light gray	''	None Detected	Non-Friable	
180321- 95	Tile grout, white	1st Floor, Woman's RR 102, ceramic wall tile	None Detected	Non-Friable	
180321- 96	Tile mortar, gray	1st Floor, Woman's RR 102, ceramic wall tile	None Detected	Non-Friable	
180321- 97	Tile grout, gray	1st Floor, Woman's RR 102, ceramic floor tile	None Detected	Non-Friable	
180321- 98	Tile mortar, gray	1st Floor, Woman's RR 102, ceramic floor tile	None Detected	Non-Friable	
180321- 99	Concrete, gray	Exterior, main entry ramp	None Detected	Non-Friable	

TABLE 1
SUMMARY OF ASBESTOS ANALYTIC DATA

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

Sample Number	Sample Description (each layer)	Location	Asbestos % and Type	Friable vs. Non-Friable	Comments
180321- 100	Concrete, gray	Exterior, main entry ramp	None Detected	Non-Friable	
180321- 101	Concrete, gray	Exterior, parking lot curb	None Detected	Non-Friable	
180321- 102	Concrete, gray	Exterior, parking lot curb	None Detected	Non-Friable	
180321- 103	Asphalt, black	Exterior, parking lot	None Detected	Non-Friable	
180321- 104	Asphalt, black	Exterior, parking lot	None Detected	Non-Friable	
180321- 105	Asphalt, black	Exterior, parking lot	None Detected	Non-Friable	
180321- 106	Asphalt, black	Exterior, parking lot	None Detected	Non-Friable	

CH = Chrysotile asbestos CR = Crocidolite asbestos AM = Amosite asbestos

TR = Tremolite AN = Anthophyllite AC = Actinolite

ACM = Asbestos Containing Material, materials that contain >1% asbestos

ACCM = Asbestos Containing Construction Materials, asbestos content of 0.1% to 1.0%

PACM= Presumed ACM

NA/PS = Not analyzed, Positive stop: Stopped analysis after 1st positive test for identical material (see prev. sample)

<1% CH* = Trace amount, less than 1% asbestos, as visually estimated by initial PLM. Requires verification by more accurate point count analyses

Friable = asbestos material defined as: material containing >1% asbestos, that when dry, may be crumbled, pulverized, or reduced to powder by hand pressure

Bold Type = materials found to contain asbestos

Note: Some samples had multiple layers analyzed separately

TABLE 3
SUMMARY OF PAINT CHIP ANALYSES

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

SAMPLE ID	LOCATION	MATERIAL	COLOR	SUBSTRATE	LEAD CONTENT by weight %	LEAD CONTENT parts per million (ppm) or mg/kg
P1	2nd Floor, RR 230, wall	Paint	White	Plaster	<0.01	<100
P2	2nd Floor, RR 230, shower, ceramic wall tile	Glaze	White with speckles	Ceramic	<0.01	<100
P3	2nd Floor, RR 230, shower, ceramic floor tile	Glaze	Light gray	Ceramic	<0.01	<100
P4	2nd Floor, RR 230, shower, ceramic floor tile	Glaze	Dark gray	Ceramic	<0.01	<100
P5	1st Floor, Men's RR Entry, wall	Paint	White	Plaster	<0.01	<100
P6	1st Floor, Men's RR, ceramic wall tile	Glaze	Blue	Ceramic	<0.01	<100
P7	1st Floor, Men's RR, ceramic floor tile	Glaze	Brown with speckles	Ceramic	<0.01	<100
P8	2nd Floor, Rm. 211, RR, ceramic wall tile	Glaze	Green	Ceramic	0.038	380
P9	2nd Floor, Rm. 211, RR, ceramic floor tile	Glaze	Green with speckles	Ceramic	<0.01	<100
P10	2nd Floor, Rm. 210, RR, door jamb	Paint	White, tan, red	Metal	0.18	1,800
P11	2nd Floor, Rm. 210, RR, wall	Paint	White	Plaster	0.15	1,500

TABLE 3
SUMMARY OF PAINT CHIP ANALYSES

Humboldt County Mental Health Facility
720 Wood St., Eureka, CA

P12	2nd Floor, Rm. 210, RR, ceramic wall tile	Glaze	Yellow	Ceramic	0.041	410
P13	2nd Floor, Rm. 210, RR, ceramic wall tile	Glaze	Tan with speckles	Ceramic	0.24	2,400
P14	2nd Floor, Rm. 210, RR, ceramic floor tile	Glaze	Brown with speckles	Ceramic	<0.01	<100
P15	1st Floor, Woman's RR, toilet stall	Paint	Blue, tan	Metal	0.88	8,800

Color = colors, noted by layers where possible, in descending order separated by slashes

Analysis by Lead in Paint USEPA Method 3050B/7000B

Parts Per Million (ppm) = Milligrams Per Kilogram (mg/kg)

Lead content at or above 5,000 parts per million (ppm), or 0.5% or greater by weight, are defined as Lead Based Paint (LBP), paints with lead content that range between 100 ppm and 4,999 ppm are defined as "Lead Containing Surface Coatings" (LCSC), and analytic results of <100 ppm lead are deemed to be "undetectable" for lead, or "lead free."

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

Brunelle & Clark Consulting, LLC
Attn: Zindar Brunelle
PO Box 1138

Arcata, CA 95518

Date Received 12/04/18 **AmeriSci Job #** 918121050
Date Examined 12/05/18 **P.O. #**
Page 1 **of** 23
RE: 1800321; Mental Health; 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-1	918121050-01L1	*No*	NAD
1	**Location:** VFT (12x12) Gray / Yellow Glue / Rm 229 / Floor / Top Layer		(by CVES) by Paola Ducoing on 12/05/18
Analyst Description: White, Homogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-1	918121050-01L2	*No*	NAD
1	**Location:** VFT (12x12) Gray / Yellow Glue / Rm 229 / Floor / Top Layer		(by CVES) by Paola Ducoing on 12/05/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Glue **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-2	918121050-02L1	*No*	NAD
1	**Location:** VFT (12x12) Gray / Yellow Glue / Rm 229 / Floor / Top Layer		(by CVES) by Paola Ducoing on 12/05/18
Analyst Description: White, Homogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-2	918121050-02L2	*No*	NAD
1	**Location:** VFT (12x12) Gray / Yellow Glue / Rm 229 / Floor / Top Layer		(by CVES) by Paola Ducoing on 12/05/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Glue **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-3	918121050-03L1	*Yes*	2 %
2	**Location:** VFT, Gray / Black & Brown Mastic / Rm 229 / Floor / Bottom Layer		(by CVES) by Paola Ducoing on 12/05/18
Analyst Description: Beige, Homogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** Chrysotile 2.0 % **Other Material:** Non-fibrous 98 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1800321; Mental Health; 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-3	918121050-03L2	***Yes***	2 %
2	**Location:** VFT, Gray / Black & Brown Mastic / Rm 229 / Floor / Bottom Layer		(by CVES) by Paola Ducoing on 12/05/18
Analyst Description: Yellow/Black, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** Chrysotile 2.0 % **Other Material:** Non-fibrous 98 %			
180321-4	918121050-04		NA/PS
2	**Location:** VFT, Gray / Black & Brown Mastic / Rm 229 / Floor / Bottom Layer		
Analyst Description: Floor Tile/Mastic **Asbestos Types:** **Other Material:**			
180321-5	918121050-05	***Yes***	3 %
	Location: Mastic, Black & Brown / Rm 229 / On Concrete Slab		(by CVES) by Paola Ducoing on 12/05/18
Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** Chrysotile 3.0 % **Other Material:** Non-fibrous 97 %			
180321-6	918121050-06	***No***	NAD
	Location: Baseboard Mastic, Tan / Rm 229 / Baseboard		(by CVES) by Paola Ducoing on 12/05/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-7	918121050-07	***Yes***	10 %
5	**Location:** Pipe Insulation, Elbow Wht Cmpd / RR 230 & Rm 229 / Above Ceiling / On Hot Water Pipes		(by CVES) by Paola Ducoing on 12/05/18
Analyst Description: Beige, Homogeneous, Fibrous, Pipe Insulation **Asbestos Types:** Chrysotile 10.0 % **Other Material:** Non-fibrous 90 %			
180321-8	918121050-08		NA/PS
5	**Location:** Pipe Insulation, Elbow Wht Cmpd / RR 230 & Rm 229 / Above Ceiling / On Hot Water Pipes		
Analyst Description: Pipe Insulation **Asbestos Types:** **Other Material:**			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-9 5	918121050-09 **Location:** Pipe Insulation, Elbow Wht Cmpd / RR 230 & Rm 229 / Above Ceiling / On Hot Water Pipes		NA/PS
Analyst Description: Pipe Insulation **Asbestos Types:** **Other Material:**			
180321-10 5	918121050-10 **Location:** Pipe Insulation, Elbow Wht Cmpd / RR 230 & Rm 229 / Above Ceiling / On Hot Water Pipes		NA/PS
Analyst Description: Pipe Insulation **Asbestos Types:** **Other Material:**			
180321-11 5	918121050-11 **Location:** Pipe Insulation, Elbow Wht Cmpd / RR 230 & Rm 229 / Above Ceiling / On Hot Water Pipes		NA/PS
Analyst Description: Pipe Insulation **Asbestos Types:** **Other Material:**			
180321-12 6	918121050-12 **Location:** Plaster; RC, Lt. Gray / RR 230 & Rm 229 / Above Ceiling / Wall	***No***	NAD (by CVES) by Paola Ducoing on 12/05/18
Analyst Description: White, Homogeneous, Non-Fibrous, Plaster **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-13 6	918121050-13 **Location:** Plaster; RC, Lt. Gray / RR 230 & Rm 229 / Above Ceiling / Wall	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: White, Homogeneous, Non-Fibrous, Plaster **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-14 6	918121050-14 **Location:** Plaster; RC, Lt. Gray / RR 230 & Rm 229 / Above Ceiling / Wall	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: White, Homogeneous, Non-Fibrous, Plaster **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-15 7	918121050-15 **Location:** Fireproofing, Gray Spray On / RR 230 & Rm 229 / Above Ceiling / On Ceiling Wall	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Fireproofing **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-16 7	918121050-16 **Location:** Fireproofing, Gray Spray On / RR 230 & Rm 229 / Above Ceiling / On Ceiling & Wall	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Fireproofing **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-17 7	918121050-17 **Location:** Fireproofing, Gray Spray On / RR 230 & Rm 229 / Above Ceiling / Overspray On Pipe	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Fireproofing **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-18	918121050-18 **Location:** No Sample		NA
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
180321-19 8	918121050-19 **Location:** Tile Grout, White / RR 230 / Wall Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: White, Homogeneous, Non-Fibrous, Cementitious, Grout **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-20 8	918121050-20 **Location:** Tile Grout, White / RR 230 / Wall Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: White/Brown, Homogeneous, Non-Fibrous, Cementitious, Grout **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-21 9	918121050-21 **Location:** Tile Mortar, White / RR 230 / Wall Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: White, Homogeneous, Non-Fibrous, Cementitious, Mortar **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-22 9	918121050-22 **Location:** Tile Mortar, White / RR 230 / Wall Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: White, Homogeneous, Non-Fibrous, Cementitious, Mortar **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-23 10	918121050-23 **Location:** Backerboard, Gray Cementitious / RR 230 / Behind Wall Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Backer Board **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-24 10	918121050-24 **Location:** Backerboard, Gray Cementitious / RR 230 / Behind Wall Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Backer Board **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-25 11	918121050-25 **Location:** Tile Grout, Dark Gray / RR 230 / Floor Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Dark Grey, Heterogeneous, Non-Fibrous, Cementitious, Grout **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-26 11	918121050-26 **Location:** Tile Grout, Dark Gray / RR 230 / Floor Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Dark Grey, Heterogeneous, Non-Fibrous, Cementitious, Grout **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

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PLM Bulk Asbestos Report

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-27 12	918121050-27.1 **Location:** Tile Mortar, Light & Dark Gray / RR 230 / Floor Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: White, Homogeneous, Non-Fibrous, Mortar-Skim Coat **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-27 12	918121050-27.2 **Location:** Tile Mortar, Light & Dark Gray / RR 230 / Floor Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Dark Grey, Heterogeneous, Non-Fibrous, Cementitious, Mortar-Base Coat **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-28 12	918121050-28.1 **Location:** Tile Mortar, Light & Dark Gray / RR 230 / Floor Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: White, Homogeneous, Non-Fibrous, Mortar-Skim Coat **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-28 12	918121050-28.2 **Location:** Tile Mortar, Light & Dark Gray / RR 230 / Floor Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Dark Grey, Heterogeneous, Non-Fibrous, Cementitious, Mortar-Base Coat **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-29 13	918121050-29L1 **Location:** SF, Brown w/ Speckles / Brown & Gray Glue / RR 230 / Floor / Top Layer	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Brown/Grey, Heterogeneous, Non-Fibrous, Sheet Flooring **Asbestos Types:** **Other Material:** Fibrous glass 5 %, Non-fibrous 95 %			
180321-29 13	918121050-29L2 **Location:** SF, Brown w/ Speckles / Brown & Gray Glue / RR 230 / Floor / Top Layer	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Yellow/Grey, Heterogeneous, Non-Fibrous, Glue **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

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PLM Bulk Asbestos Report

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-30 13	918121050-30L1 **Location:** SF, Brown w/ Speckles / Brown & Gray Glue / RR 230 / Floor / Top Layer	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Brown/Grey, Homogeneous, Non-Fibrous, Sheet Flooring **Asbestos Types:** **Other Material:** Fibrous glass 5 %, Non-fibrous 95 %			
180321-30 13	918121050-30L2 **Location:** SF, Brown w/ Speckles / Brown & Gray Glue / RR 230 / Floor / Top Layer	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Grey/Yellow, Heterogeneous, Non-Fibrous, Glue / Debris **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-31 14	918121050-31L1 **Location:** VFT, Gray / Black Mastic / RR 230 / Floor / Bottom Layer	***Yes***	2 % (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Beige, Homogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** Chrysotile 2.0 % **Other Material:** Non-fibrous 98 %			
180321-31 14	918121050-31L2 **Location:** VFT, Gray / Black Mastic / RR 230 / Floor / Bottom Layer	***Yes***	4 % (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** Chrysotile 4.0 % **Other Material:** Non-fibrous 96 %			
180321-32 14	918121050-32 **Location:** VFT, Gray / Black Mastic / RR 230 / Floor / Bottom Layer		NA/PS
Analyst Description: Floor Tile/Mastic **Asbestos Types:** **Other Material:**			
180321-33	918121050-33 **Location:** Baseboard Mastic, Gray / Hall 200C / Outside RR 230 / Baseboard	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Cream, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-34	918121050-34	*No*	NAD
	Location: Baseboard Mastic, Tan / Hall 200C / Outside RR 230 / Baseboard		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
180321-35	918121050-35	*No*	NAD
	Location: Baseboard Mastic, Cream / Hall 200C / Outside RR 230 / Baseboard		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Cream, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
180321-36	918121050-36L1	*No*	NAD
18	**Location:** SF, Tan w/ Speckles / Tan Glue / Hall 200C / Outside RR 230 / Floor / Top Layer		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Brown/Tan, Homogeneous, Non-Fibrous, Sheet Flooring			
Asbestos Types:			
Other Material: Fibrous glass 5 %, Non-fibrous 95 %			
180321-36	918121050-36L2	*No*	NAD
18	**Location:** SF, Tan w/ Speckles / Tan Glue / Hall 200C / Outside RR 230 / Floor / Top Layer		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Glue			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
180321-37	918121050-37L1	*No*	NAD
18	**Location:** SF, Tan w/ Speckles / Tan Glue / Hall 200C / Outside Rm 237 / Floor / Top Layer		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Brown/Tan, Homogeneous, Non-Fibrous, Sheet Flooring			
Asbestos Types:			
Other Material: Fibrous glass 5 %, Non-fibrous 95 %			
180321-37	918121050-37L2	*No*	NAD
18	**Location:** SF, Tan w/ Speckles / Tan Glue / Hall 200C / Outside Rm 237 / Floor / Top Layer		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Glue			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-38	918121050-38L1	***Yes***	2 %
19	**Location:** VFT, Gray / Black Mastic / Hall 200C / Outside Rm 237 / Floor / Bottom Layer		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Beige, Homogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** Chrysotile 2.0 % **Other Material:** Non-fibrous 98 %			
180321-38	918121050-38L2	***Yes***	4 %
19	**Location:** VFT, Gray / Black Mastic / Hall 200C / Outside Rm 237 / Floor / Bottom Layer		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** Chrysotile 4.0 % **Other Material:** Non-fibrous 96 %			
180321-39	918121050-39		NA/PS
19	**Location:** VFT, Gray / Black Mastic / Hall 200C / Outside Rm 237 / Floor / Bottom Layer		
Analyst Description: Floor Tile/Mastic **Asbestos Types:** **Other Material:**			
180321-40	918121050-40	***No***	NAD
20	**Location:** Baseboard Mastic / Dark Brown / Hall 200 C / Outside Rm 237 / Baseboard		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-41	918121050-41	***No***	NAD
20	**Location:** Baseboard Mastic / Dark Brown / Hall 200 C / Outside Rm 237 / Baseboard		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-42	918121050-42L1	***Yes***	2 %
21	**Location:** VFT, Gray / Black Mastic / Hall 200C / Outside Rm 237 / Floor / Bottom Layer		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Beige, Homogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** Chrysotile 2.0 % **Other Material:** Non-fibrous 98 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-42 21	918121050-42L2 **Location:** VFT, Gray / Black Mastic / Hall 200C / Outside Rm 237 / Floor / Bottom Layer	***Yes***	4 % (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** Chrysotile 4.0 % **Other Material:** Non-fibrous 96 %			
180321-43 21	918121050-43 **Location:** VFT, Gray / Black Mastic / Hall 200C / Outside Rm 237 / Floor / Bottom Layer		NA/PS
Analyst Description: Floor Tile/Mastic **Asbestos Types:** **Other Material:**			
180321-44 22	918121050-44L1 **Location:** VFT (9x9) Tan w/ Brn Splotches / Black Mastic / Rm 237 / Floor / Only Layer	***Yes***	2 % (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Beige, Homogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** Chrysotile 2.0 % **Other Material:** Non-fibrous 98 %			
180321-44 22	918121050-44L2 **Location:** VFT (9x9) Tan w/ Brn Splotches / Black Mastic / Rm 237 / Floor / Only Layer	***Yes***	4 % (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** Chrysotile 4.0 % **Other Material:** Non-fibrous 96 %			
180321-45 22	918121050-45 **Location:** VFT (9x9) Tan w/ Brn Splotches / Black Mastic / Rm 237 / Floor / Only Layer		NA/PS
Analyst Description: Floor Tile/Mastic **Asbestos Types:** **Other Material:**			
180321-46	918121050-46L1 **Location:** VFT (9x9) Gray w/ Brn Splotches / Brown Mastic / Rm 237 / Floor / Only Layer	***Yes***	2 % (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Beige, Homogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** Chrysotile 2.0 % **Other Material:** Non-fibrous 98 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-46	918121050-46L2	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
	Location: VFT (9x9) Gray w/ Brn Splotches / Brown Mastic / Rm 237 / Floor / Only Layer		
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-47 24	918121050-47.1 **Location:** Plaster; White TC / Lt. Gray RC / M. RR 106 / Ceiling	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: White, Homogeneous, Non-Fibrous, Plaster-Top Coat **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-47 24	918121050-47.2 **Location:** Plaster; White TC / Lt. Gray RC / M. RR 106 / Ceiling	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Plaster-Rough Coat **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-48 24	918121050-48.1 **Location:** Plaster; White TC / Lt. Gray RC / M. RR 106 / Ceiling	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: White, Homogeneous, Non-Fibrous, Plaster-Top Coat **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-48 24	918121050-48.2 **Location:** Plaster; White TC / Lt. Gray RC / M. RR 106 / Ceiling	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Plaster-Rough Coat **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-49 24	918121050-49.1 **Location:** Plaster; White TC / Lt. Gray RC / M. RR 106 / Entry / Wall	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: White, Homogeneous, Non-Fibrous, Plaster-Top Coat **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-49	918121050-49.2	***No***	NAD
24	**Location:** Plaster; White TC / Lt. Gray RC / M. RR 106 / Entry / Wall		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Plaster-Rough Coat			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
180321-50	918121050-50.1	***No***	NAD
24	**Location:** Plaster; White TC / Lt. Gray RC / M. RR 106 / Entry / Wall		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: White, Homogeneous, Non-Fibrous, Plaster-Top Coat			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
180321-50	918121050-50.2	***No***	NAD
24	**Location:** Plaster; White TC / Lt. Gray RC / M. RR 106 / Entry / Wall		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Plaster-Rough Coat			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
180321-51	918121050-51	***No***	NAD
	Location: Baseboard, Mastic Tan / M. RR / Entry / Baseboard		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
180321-52	918121050-52	***No***	NAD
26	**Location:** Baseboard, Mastic Dk Brown / M. RR / Entry / Baseboard		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
180321-53	918121050-53	***No***	NAD
26	**Location:** Baseboard, Mastic Dk Brown / M. RR / Entry / Baseboard		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-54	918121050-54L1	***Yes***	2 %
27	**Location:** VFT (12x12) Gray w/ Splotches / Blk Mastic / M. RR 106 / Entry / Floor / Only Layer		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Beige, Homogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** Chrysotile 2.0 % **Other Material:** Non-fibrous 98 %			
180321-54	918121050-54L2	***Yes***	4 %
27	**Location:** VFT (12x12) Gray w/ Splotches / Blk Mastic / M. RR 106 / Entry / Floor / Only Layer		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** Chrysotile 4.0 % **Other Material:** Non-fibrous 96 %			
180321-55	918121050-55		NA/PS
27	**Location:** VFT (12x12) Gray w/ Splotches / Blk Mastic / M. RR 106 / Entry / Floor / Only Layer		
Analyst Description: Floor Tile/Mastic **Asbestos Types:** **Other Material:**			
180321-56	918121050-56	***Yes***	5 %
	Location: Black Mastic / M. RR 106 / Entry / Floor / Only Layer		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** Chrysotile 5.0 % **Other Material:** Non-fibrous 95 %			
180321-57	918121050-57	***No***	NAD
28	**Location:** Tile Grout, White / M. RR 106 / Wall Tile		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Grout **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-58	918121050-58	***No***	NAD
28	**Location:** Tile Grout, White / M. RR 106 / Wall Tile		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Grout **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-59 29	918121050-59 **Location:** Tile Mortar, Gray / M. RR 106 / Wall Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Mortar **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-60 29	918121050-60 **Location:** Tile Mortar, Gray / M. RR 106 / Wall Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Mortar **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-61 30	918121050-61 **Location:** Tile Grout, Gray / M. RR 106 / Floor Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Grout **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-62 30	918121050-62 **Location:** Tile Grout, Gray / M. RR 106 / Floor Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Grout **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-63 31	918121050-63 **Location:** Tile Mortar, Gray / M. RR 106 / Floor Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Mortar **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-64 31	918121050-64 **Location:** Tile Mortar, Gray / M. RR 106 / Floor Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Mortar **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1800321; Mental Health; 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-65	918121050-65		NA
Location: No Sample			
Analyst Description: Bulk Material			
Asbestos Types:			
Other Material:			
180321-66	918121050-66	***No***	NAD
32 **Location:** Tile Grout, White / Rm 211 / RR / Wall Tile			(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Grout			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
180321-67	918121050-67	***No***	NAD
32 **Location:** Tile Grout, White / Rm 211 / RR / Wall Tile			(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Grout			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
180321-68	918121050-68	***No***	NAD
33 **Location:** Tile Mortar, Gray & Brown / Rm 211 / RR / Wall Tile			(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Tan/Grey, Heterogeneous, Non-Fibrous, Cementitious, Mortar			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
180321-69	918121050-69	***No***	NAD
33 **Location:** Tile Mortar, Gray & Brown / Rm 211 / RR / Wall Tile			(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Tan/Grey, Heterogeneous, Non-Fibrous, Cementitious, Mortar			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
180321-70	918121050-70	***No***	NAD
34 **Location:** Tile Grout, Dk Gray / Rm 211 / RR / Floor Tile			(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Dark Grey, Heterogeneous, Non-Fibrous, Cementitious, Grout			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1800321; Mental Health; 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-71 34	918121050-71 **Location:** Tile Grout, Dk Gray / Rm 211 / RR / Floor Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Cream, Heterogeneous, Non-Fibrous, Cementitious, Grout **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-72 35	918121050-72 **Location:** Tile Mortar, Gray & Brown / Rm 211 / RR / Floor Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Tan/Grey, Heterogeneous, Non-Fibrous, Cementitious, Mortar **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-73 35	918121050-73 **Location:** Tile Mortar, Gray & Brown / Rm 211 / RR / Floor Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Tan/Grey, Heterogeneous, Non-Fibrous, Cementitious, Mortar **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-74	918121050-74 **Location:** Baseboard Mastic, Cream / Rm 211 / Baseboard	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Cream, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-75 37	918121050-75L1 **Location:** SF, Brown w/ Speckles / Tan Glue / Rm 211 / Floor / Top Layer	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Brown/Tan, Homogeneous, Non-Fibrous, Sheet Flooring **Asbestos Types:** **Other Material:** Fibrous glass 5 %, Non-fibrous 95 %			
180321-75 37	918121050-75L2 **Location:** SF, Brown w/ Speckles / Tan Glue / Rm 211 / Floor / Top Layer	***No***	NAD (by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Glue **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1800321; Mental Health; 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-76	918121050-76L1	***No***	NAD
37	**Location:** SF, Brown w/ Speckles / Tan Glue / Rm 211 / Floor / Top Layer		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Brown/Tan, Homogeneous, Non-Fibrous, Sheet Flooring **Asbestos Types:** **Other Material:** Fibrous glass 5 %, Non-fibrous 95 %			
180321-76	918121050-76L2	***No***	NAD
37	**Location:** SF, Brown w/ Speckles / Tan Glue / Rm 211 / Floor / Top Layer		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Glue **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-77	918121050-77L1	***Yes***	2 %
38	**Location:** VFT, Gray / Black Mastic / Rm 211 / Floor / Bottom Layer		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Beige, Homogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** Chrysotile 2.0 % **Other Material:** Non-fibrous 98 %			
180321-77	918121050-77L2	***Yes***	3 %
38	**Location:** VFT, Gray / Black Mastic / Rm 211 / Floor / Bottom Layer		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** Chrysotile 3.0 % **Other Material:** Non-fibrous 97 %			
180321-78	918121050-78		NA/PS
38	**Location:** VFT, Gray / Black Mastic / Rm 211 / Floor / Bottom Layer		
Analyst Description: Floor Tile/Mastic **Asbestos Types:** **Other Material:**			
180321-79	918121050-79	***No***	NAD
	Location: Baseboard Mastic, Cream / Rm 210 / Baseboard		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Cream, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1800321; Mental Health; 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-80	918121050-80	*No*	NAD
	Location: Baseboard Mastic, Tan / Rm 210 / Baseboard		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-81	918121050-81	*Yes*	Trace (<1 %)
41	**Location:** Baseboard Mastic, Dk Brown / Rm 210 / Baseboard		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** Tremolite <1. % **Other Material:** Non-fibrous 100 %			
180321-82	918121050-82	*Yes*	Trace (<1 %)
41	**Location:** Baseboard Mastic, Dk Brown / Rm 210 / Baseboard		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** Tremolite <1. % **Other Material:** Non-fibrous 100 %			
180321-83	918121050-83L1	*Yes*	2 %
42	**Location:** VFT (9x9) Tan w/ Brn Splotches / Blk Mastic / Rm 210 / Floor		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Beige, Homogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** Chrysotile 2.0 % **Other Material:** Non-fibrous 98 %			
180321-83	918121050-83L2	*Yes*	5 %
42	**Location:** VFT (9x9) Tan w/ Brn Splotches / Blk Mastic / Rm 210 / Floor		(by CVES) by Paola Ducoing on 12/06/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** Chrysotile 5.0 % **Other Material:** Non-fibrous 95 %			
180321-84	918121050-84		NA/PS
42	**Location:** VFT (9x9) Tan w/ Brn Splotches / Blk Mastic / Rm 210 / Floor		
Analyst Description: Floor Tile/Mastic **Asbestos Types:** **Other Material:**			

See Reporting notes on last page

PLM Bulk Asbestos Report

1800321; Mental Health; 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-85 43	918121050-85 **Location:** Tile Grout, White / Rm 210 / RR / Wall Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Grout **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-86 43	918121050-86 **Location:** Tile Grout, White / Rm 210 / RR / Wall Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Grout **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-87 44	918121050-87 **Location:** Tile Mortar Gray & Brown / Rm 210 / RR / Wall Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Analyst Description: Tan/Grey, Heterogeneous, Non-Fibrous, Cementitious, Mortar **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-88 44	918121050-88 **Location:** Tile Mortar Gray & Brown / Rm 210 / RR / Wall Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Analyst Description: Tan/Grey, Heterogeneous, Non-Fibrous, Cementitious, Mortar **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-89 45	918121050-89 **Location:** Tile Grout, Gray / Rm 210 / RR / Floor Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Analyst Description: Beige/Grey, Heterogeneous, Non-Fibrous, Cementitious, Grout **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-90 45	918121050-90 **Location:** Tile Grout, Gray / Rm 210 / RR / Floor Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Grout **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1800321; Mental Health; 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-91 46	918121050-91 **Location:** Tile Mortar, Gray / Rm 210 / RR / Floor Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Mortar **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-92 46	918121050-92 **Location:** Tile Mortar, Gray / Rm 210 / RR / Floor Tile	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Mortar **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-93 24	918121050-93.1 **Location:** Plaster; White TC / Lt. Gray RC / W. RR 102 / Ceiling	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Analyst Description: White, Homogeneous, Non-Fibrous, Plaster-Top Coat **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-93 24	918121050-93.2 **Location:** Plaster; White TC / Lt. Gray RC / W. RR 102 / Ceiling	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Plaster-Rough Coat **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-94 24	918121050-94.1 **Location:** Plaster; White TC / Lt. Gray RC / W. RR 102 / Ceiling	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Analyst Description: White, Homogeneous, Non-Fibrous, Plaster-Top Coat **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-94 24	918121050-94.2 **Location:** Plaster; White TC / Lt. Gray RC / W. RR 102 / Ceiling	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Plaster-Rough Coat **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1800321; Mental Health; 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-95	918121050-95	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Location: Tile Grout, White / W. RR 102 / Wall Tile			
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Grout **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-96	918121050-96	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Location: Tile Mortar Gray / W. RR 102 / Wall Tile			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Mortar **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-97	918121050-97	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Location: Tile Grout, Gray / W. RR 102 / Floor Tile			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Grout **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-98	918121050-98	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Location: Tile Mortar, Gray / W. RR 102 / Floor Tile			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Mortar **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-99	918121050-99	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Location: Concrete, Gray / Ext. / Entry Ramp			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Concrete **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
180321-100	918121050-100	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Location: Concrete, Gray / Ext. / Entry Ramp			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Concrete **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1800321; Mental Health; 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-101	918121050-101	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Location: Concrete, Gray / Ext. / Curb			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Concrete			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
180321-102	918121050-102	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Location: Concrete, Gray / Ext. / Curb			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Concrete			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
180321-103	918121050-103	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Location: Asphalt, Black / Ext. Parking Lot			
Analyst Description: Black, Heterogeneous, Non-Fibrous, Cementitious, Asphalt			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
180321-104	918121050-104	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Location: Asphalt, Black / Ext. Parking Lot			
Analyst Description: Black, Heterogeneous, Non-Fibrous, Cementitious, Asphalt			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
180321-105	918121050-105	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Location: Asphalt, Black / Ext. Parking Lot			
Analyst Description: Black, Heterogeneous, Non-Fibrous, Cementitious, Asphalt			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
180321-106	918121050-106	***No***	NAD (by CVES) by Paola Ducoing on 12/07/18
Location: Asphalt, Black / Ext. Parking Lot			
Analyst Description: Black, Heterogeneous, Non-Fibrous, Cementitious, Asphalt			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1800321; Mental Health; 720 Wood St. Eureka, CA

Reporting Notes:

Analyzed By: Paola Ducoing ; Date Analyzed: 12/5/2018 12/7/18

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By:

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

Brunelle & Clark Consulting, LLC
Attn: Zindar Brunelle
PO Box 1138

Arcata, CA 95518

Date Received 12/10/18
Date Examined 12/12/18
AmeriSci Job # 918121190
P.O. #

RE: 1800321; Mental Health; 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
180321-81	918121190-01	*Yes*	Trace (<0.25 % pc) [1]
41	**Location:** Baseboard Mastic, Dk Brown / Rm 210 / Baseboard		(by 400 pt ct) by Paola Ducoing on 12/12/18

Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Mastic
Asbestos Types: Tremolite <0.25 % pc
Other Material: Non-Asbestos/Inert 44.4 %

Reporting Notes:

(1) EPA 400 Point Count Analysis performed on Inert Residue remaining after 480C heat and HCl acid treatments

Analyzed By: Paola Ducoing ; Date Analyzed: 12/12/2018 12/12/18

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By:

AmeriSci Job #: **918121191**

Client Name: Brunelle & Clark Consulting, LLC

Table I
Summary of Bulk Asbestos Analysis Results
1800321; Mental Health; 720 Wood St. Eureka, CA

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	180321-1	1	0.355	16.3	78.6	5.1	NA	NAD

Location: VFT (12x12) Gray / Yellow Glue / Rm 229 / Floor / Top Layer

Reviewed By: _____; Analyzed By: Tyler D Miller _____; Date Analyzed: 12/12/2018

Quantitative Analysis: Bulk Asbestos Analysis - PLM (polarized light microscopy) by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0); TEM (transmission electron microscopy) Asbestos Analysis by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation); NAD = no asbestos detected; NA = not analyzed; Trace = <1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; this report relates ONLY to items tested.

**Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

9181210 50

Analysis: X Standard PLM ___ 400 Point Count ___ 1,000 Point Count Turnaround Time: Rush/1-day/2-days/3-days/5-days	BRUNELLE & CLARK CONSULTING, LLC P.O. Box 1138 Arcata, CA 95518 Ph: (707) 822-4058 Cell #: (707) 672-5345 zbconsult@outlook.com	Date: 11/29/18 Site: Mental Health 720 Wood St. Eureka, CA Proj. # 180321

BULK ASBESTOS SAMPLING

Sample No.	Sample Description	Hom. Area	Location	Mat'l Type	Friability
* 180321-1	VFT (12x12), gray / yellow glue	1	Rm 229 / Floor / Top Layer	MM	NF
-2	↓	1	↓	↓	↓
* -3	VFT, gray / black & brown Mastic	2	Floor / Bottom Layer		
-4	↓	2	↓		
-5	Mastic, black & brown	3	on concrete slab		
-6	Baseboard Mastic, tan	4	Baseboard	↓	↓
-7	Pipe Insulation, Elbow, wht. Cmpd.	5	RR230 & Rm 229 / Above ceiling / on Hot water pipes	TSI	F
* -8	↓	5	Above ceiling	↓	↓
-9		5	↓		
-10		5	↓		
-11	↓	5	↓	↓	↓
-12	Plaster; RC, Lt. gray	6	wall	SM	NF
* -13	↓	6	↓	↓	↓
-14	↓	6	↓	↓	↓
-15	Fireproofing, gray spray on	7	on ceiling/wall	TSI	F

Sample Abbreviations
Hom. Area = Homogenous Area
VFT = Vinyl Floor Tile
SF = Sheet Flooring
JC/GB = Joint Compound/Gypsum Board
BBM = Baseboard Mastic
CT = Ceiling Tile (glued or nailed)
CP = Ceiling Panel (t-grid or drop ceil.)

Material Type
Thermal System Insulation = TSI
Misc. Material = MM
Surfacing Material = SM

* = Stop analysis for any layer at first positive, if >1%, where indicated.

Sampled by: Zladar Brunelle	Received by: 12/4/18 @ 9:45
Relinquished by: Date/Time: 12/3/18	Signature: Date/Time:

9181210SD

Analysis: X Standard PLM ___ 400 Point Count ___ 1,000 Point Count Turnaround Time: Rush/1-day/2-days/3-days/5-days	BRUNELLE & CLARK CONSULTING, LLC P.O. Box 1138 Arcata, CA 95518 Ph: (707) 822-4058 Cell #: (707) 672-5345 zbconsult@outlook.com	Date: 11/29/18 Site: Mental Health 720 Wood St. Eureka, CA Proj. # 180321

BULK ASBESTOS SAMPLING

Sample No.	Sample Description	Hom. Area	Location	Mat'l Type	Friability
180321-16	Fireproofing, gray spray on	7	RR230 & Rm229 / Above Ceiling / on ceiling & wall	TSI	F
-17	↓	7	↓ / ↓ / overspray on Pipe	↓	↓
-18	No Sample				
-19	Tile grout, white	8	RR230 / wall tile	MM	NF
-20	↓	8	/ ↓		
-21	Tile mortar, white	9	/		
-22	↓	9	/ ↓		
-23	Backerboard, gray cementitious	10	/ Behind wall tile		
-24	↓	10	/ ↓		
-25	Tile grout, dark gray	11	/ Floor tile		
-26	↓	11	/ ↓		
-27	Tile mortar, Light & dark gray	12	/ ↓		
-28	↓	12	/ ↓		↓
-29	SF, brown w- specks / Brown & gray glue	13	/ Floor / top layer		F
-30	↓ / ↓	13	↓ / ↓ / ↓	↓	↓

Sample Abbreviations
Hom. Area = Homogenous Area
VFT = Vinyl Floor Tile
SF = Sheet Flooring
JC/GB = Joint Compound/Gypsum Board
BBM = Baseboard Mastic
CT = Ceiling Tile (glued or nailed)
CP = Ceiling Panel (t-grid or drop ceil.)

Material Type
Thermal System Insulation = TSI
Misc. Material = MM
Surfacing Material = SM

* = Stop analysis for any layer at first positive, if >1%, where indicated.

Sampled by: Zladar Brunelle	Received by:
Relinquished by: Date/Time: 12/3/18	Signature: Date/Time:

Analysis: X Standard PLM ___ 400 Point Count ___ 1,000 Point Count Turnaround Time: Rush/1-day/2-days/(3-days)/5-days	BRUNELLE & CLARK CONSULTING, LLC P.O. Box 1138 Arcata, CA 95518 Ph: (707) 822-4058 Cell #: (707) 672-5345 zbconsult@outlook.com	Date: 11/29/18 Site: Mental Health 720 Wood St. Eureka, CA Proj. # 18003Z1

BULK ASBESTOS SAMPLING 918121050

Sample No.	Sample Description	Hom. Area	Location	Mat'l Type	Friability
* 180321-31	VFT, gray / Black Mastic	14	RR230 / Floor / Bottom Layer	MM	NF
-32	↓ / ↓	14	↓ / ↓ / ↓	↓	↓
-33	Baseboard Mastic, gray	15	Hall 200C / outside RR230 / Baseboard	↓	↓
-34	Baseboard Mastic, tan	16	/ Outside RR230 /	↓	↓
-35	Baseboard Mastic, cream	17	/ / ↓	↓	↓
* -36	SF, tan w-speckles / Tan glue	18	/ ↓ / Floor / Top Layer	↓	F
-37	↓ / ↓	18	Hall 200C / Outside Rm 237 / Floor / Top Layer	↓	↓
* -38	VFT, gray / Black Mastic	19	/ Outside Rm 237 / Floor / Bottom Layer	↓	NF
-39	↓ / ↓	19	/ / ↓ / ↓	↓	↓
* -40	Baseboard Mastic, dark Brown	20	/ / Baseboard	↓	↓
-41	↓	20	/ / ↓	↓	↓
* -42	VFT, gray / Black Mastic	21	/ / Floor / Bottom Layer	↓	↓
-43	↓ / ↓	21	↓ / ↓ / ↓ / ↓	↓	↓
* -44	VFT (9x9), tan w-brn splotches / Black Mastic	22	Rm 237 / Floor / only Layer	↓	↓
-45	↓ / ↓	22	↓ / ↓ / ↓	↓	↓

Sample Abbreviations
Hom. Area = Homogenous Area
VFT = Vinyl Floor Tile
SF = Sheet Flooring
JC/GB = Joint Compound/Gypsum Board

BBM = Baseboard Mastic
CT = Ceiling Tile (glued or nailed)
CP = Ceiling Panel (t-grid or drop ceil.)

Material Type
Thermal System Insulation = TSI
Misc. Material = MM
Surfacing Material = SM

* = Stop analysis for any layer at first positive, if >1%, where indicated.

Sampled by: Zlada Brunelle	Received by: [signature] 12/04/18
Relinquished by: Date/Time: [signature] 12/3/18	Signature: Date/Time: @ 9:45

Analysis: X Standard PLM ___ 400 Point Count ___ 1,000 Point Count Turnaround Time: Rush/1-day/2-days/(3-days)/5-days	BRUNELLE & CLARK CONSULTING, LLC P.O. Box 1138 Arcata, CA 95518 Ph: (707) 822-4058 Cell #: (707) 672-5345 zbconsult@outlook.com	Date: 11/29/18 Site: Mental Health 720 Wood St. Eureka, CA Proj. # 1800321

918121050

BULK ASBESTOS SAMPLING

Sample No.	Sample Description	Hom. Area	Location	Mat'l Type	Friability
180321-46	VFT (9x9), gray w-brn splotches / Brown Mastic	23	Rm 237 / Floor / Only Layer	MM	NF
* -47	Plaster; white TC / Lt. gray RC	24	M.RR 106 / ceiling	SM	↓
* -48	↓ / ↓	24	/ ↓	↓	↓
* -49	↓ / ↓	24	/ Entry / wall	↓	↓
* -50	↓ / ↓	24	/ ↓ / ↓	↓	↓
-51	Baseboard Mastic, tan	25	/ Entry / Baseboard	MM	↓
* -52	Baseboard Mastic, dK brown	26	/ /	↓	↓
* -53	↓	26	/ / ↓	↓	↓
* -54	VFT (12x12), gray w- splotches / BlK mastic	27	/ / Floor / only Layer	↓	↓
* -55	↓ / ↓	27	/ / /	↓	↓
-56	Black Mastic	27	/ ↓ / ↓ / ↓	↓	↓
* -57	Tile grout, white	28	/ wall tile	↓	↓
* -58	↓	28	/	↓	↓
* -59	Tile mortar, gray	29	/	↓	↓
* -60	↓	29	↓ / ↓	↓	↓

Sample Abbreviations
Hom. Area = Homogenous Area
VFT = Vinyl Floor Tile
SF = Sheet Flooring
JC/GB = Joint Compound/Gypsum Board

BBM = Baseboard Mastic
CT = Ceiling Tile (glued or nailed)
CP = Ceiling Panel (t-grid or drop ceil.)

Material Type
Thermal System Insulation = TSI
Misc. Material = MM
Surfacing Material = SM

*** = Stop analysis for any layer at first positive, if >1%, where indicated.**

Sampled by: Zinda Brunelle	Received by: [handwritten initials] 12/04/18 @ 9:45
Relinquished by: [signature] Date/Time: 12/3/18	Signature: Date/Time:

Analysis: X Standard PLM ___ 400 Point Count ___ 1,000 Point Count Turnaround Time: Rush/1-day/2-days/3-days/5-days	BRUNELLE & CLARK CONSULTING, LLC P.O. Box 1138 Arcata, CA 95518 Ph: (707) 822-4058 Cell #: (707) 672-5345 zbconsult@outlook.com	Date: 11/29/18 Site: Mental Health 720 Wood St. Eureka, CA Proj. # 180321

BULK ASBESTOS SAMPLING

9181210S0

Sample No.	Sample Description	Hom. Area	Location	Mat'l Type	Friability
* 180321-61	Tile grout, gray	30	M. RR 106 / Floor tile	MM	NF
-62	↓	30	/ /	↓	↓
* -63	Tile mortar, gray	31	/ /		
-64	↓	31	↓ / ↓	↓	↓
-65	No Sample				
* -66	Tile grout, white	32	Rm 211 / RR / wall Tile	MM	NF
-67	↓	32	/ RR / wall tile		
* -68	Tile Mortar, gray & brown	33	/ /		
-69	↓	33	/ / ↓		
* -70	Tile grout, dk gray	34	/ / Floor tile		
-71	↓	34	/ /		
* -72	Tile Mortar, gray & brown	35	/ /		
-73	↓	35	/ ↓ / ↓		
-74	Baseboard Mastic, cream	36	/ Baseboard		↓
↓ -75	SF, Brown w- speckles / Tan glue	37	↓ / Floor / Top Layer	↓	F

Sample Abbreviations
Hom. Area = Homogenous Area
VFT = Vinyl Floor Tile
SF = Sheet Flooring
JC/GB = Joint Compound/Gypsum Board
BBM = Baseboard Mastic
CT = Ceiling Tile (glued or nailed)
CP = Ceiling Panel (t-grid or drop ceil.)

Material Type
Thermal System Insulation = TSI
Misc. Material = MM
Surfacing Material = SM

*** = Stop analysis for any layer at first positive, if >1%, where indicated.**

Sampled by: Zladar Brunelle	Received by:
Relinquished by: Zladar Brunelle Date/Time: 12/3/18	Signature: Date/Time:

Analysis: X Standard PLM ___ 400 Point Count ___ 1,000 Point Count Turnaround Time: Rush/1-day/2-days/3-days/5-days	BRUNELLE & CLARK CONSULTING, LLC P.O. Box 1138 Arcata, CA 95518 Ph: (707) 822-4058 Cell #: (707) 672-5345 zbconsult@outlook.com	Date: 11/29/18 Site: Mental Health 720 Wood St. Eureka, CA Proj. # 1800321

BULK ASBESTOS SAMPLING 918121050

Sample No.	Sample Description	Hom. Area	Location	Mat'l Type	Friability
180321-76	SF, Brown w- speckles / Tan glue	37	Rm211 / Floor / Top Layer	MM	F
-77	VFT, gray / Black Mastic	38	/ / / Bottom Layer		NF
-78	↓ / ↓	38	↓ / ↓ / ↓		
-79	Baseboard Mastic, cream	39	Rm210 / Baseboard		
-80	Baseboard Mastic, tan	40	/		
-81	Baseboard Mastic, dk brown	41	/		
-82	↓	41	/ ↓		
-83	VFT (9x9), tan w-brn splotches / BLK mastic	42	/ Floor		
-84	↓ / ↓	42	/ ↓		
-85	Tile grout, white	43	/ RR / wall tile		
-86	↓	43	/ /		
-87	Tile Mortar, gray & brown	44	/ /		
-88	↓	44	/ / ↓		
-89	Tile grout, gray	45	/ / Floor tile		
-90	↓	45	↓ / ↓ / ↓	↓	↓

Sample Abbreviations
Hom. Area = Homogenous Area
VFT = Vinyl Floor Tile
SF = Sheet Flooring
JC/GB = Joint Compound/Gypsum Board
BBM = Baseboard Mastic
CT = Ceiling Tile (glued or nailed)
CP = Ceiling Panel (t-grid or drop ceil.)

Material Type
Thermal System Insulation = TSI
Misc. Material = MM
Surfacing Material = SM

* = Stop analysis for any layer at first positive, if >1%, where indicated.

Sampled by: Zladar Brunelle	Received by: 12/04/18 9:45
Relinquished by: 12/3/18 Date/Time:	Signature: Date/Time:

Analysis: X Standard PLM ___ 400 Point Count ___ 1,000 Point Count Turnaround Time: Rush/1-day/2-days/3-days/5-days	BRUNELLE & CLARK CONSULTING, LLC P.O. Box 1138 Arcata, CA 95518 Ph: (707) 822-4058 Cell #: (707) 672-5345 zbconsult@outlook.com	Date: 11/29/18 Site: Mental Health 720 Wood St. Eureka, CA Proj. # 180321

BULK ASBESTOS SAMPLING 9181216050

Sample No.	Sample Description	Hom. Area	Location	Mat'l Type	Friability
* 180321-91	Tile Mortar, gray	46	Rm 210 / RR / Floor tile	MM	NF
-92	↓	46	↓ / ↓ / ↓	↓	
* -93	Plaster; white TC / Lt. gray RC	24	W. RR 102 / ceiling	SM	
-94	↓ / ↓	24	/ ↓	↓	
-95	Tile grout, white	28	/ wall tile	MM	
-96	Tile Mortar, gray	29	/ ↓		
-97	Tile grout, gray	30	/ Floor tile		
-98	Tile Mortar, gray	31	↓ / ↓		
-99	Concrete, gray	47	Ext. / Entry Ramp		
-100		47	/ ↓		
-101		48	/ curb		
-102	↓	48	/ ↓		
-103	Asphalt, black	49	/ Parking Lot		
-104		49	/		
-105	↓	49	↓ / ↓	↓	

Sample Abbreviations
Hom. Area = Homogenous Area
VFT = Vinyl Floor Tile
SF = Sheet Flooring
JC/GB = Joint Compound/Gypsum Board
BBM = Baseboard Mastic
CT = Ceiling Tile (glued or nailed)
CP = Ceiling Panel (t-grid or drop ceil.)

Material Type
Thermal System Insulation = TSI
Misc. Material = MM
Surfacing Material = SM

* = Stop analysis for any layer at first positive, if >1%, where indicated.

Sampled by: Zindar Brunelle	Received by: 12/4/18 @ 9:45
Relinquished by: Zindar Brunelle 12/3/18 Date/Time:	Signature: Date/Time:

Analysis: X Standard PLM ___ 400 Point Count ___ 1,000 Point Count Turnaround Time: Rush/1-day/2-days/3-days/5-days	BRUNELLE & CLARK CONSULTING, LLC P.O. Box 1138 Arcata, CA 95518 Ph: (707) 822-4058 Cell #: (707) 672-5345 zbconsult@outlook.com	Date: 11/29/18 Site: Mental Health 720 Wood St. Eureka, CA Proj. # 180321

BULK ASBESTOS SAMPLING 918121050

Sample No.	Sample Description	Hom. Area	Location	Mat'l Type	Friability
180321-106	Asphalt, black	49	Ext. / Parking Lot	MM	NF

Sample Abbreviations
Hom. Area = Homogenous Area
VFT = Vinyl Floor Tile
SF = Sheet Flooring
JC/GB = Joint Compound/Gypsum Board
BBM = Baseboard Mastic
CT = Ceiling Tile (glued or nailed)
CP = Ceiling Panel (t-grid or drop ceil.)

Material Type
Thermal System Insulation = TSI
Misc. Material = MM
Surfacing Material = SM

* = Stop analysis for any layer at first positive, if >1%, where indicated

Sampled by: Zindar Brunelle	Received by:
Relinquished by: Date/Time: 12/3/18	Signature: Date/Time:

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

AmeriSci Job #: 418121028

Date Received: 12/04/18
Date Analyzed: 12/05/18

Lead Analysis Results

Paint

EPA Method 3050B/7000B

Brunelle & Clark Consulting, LLC

Arcata, CA

Job Site: 1800321; Mental Health; 720 Wood St. Eureka CA

AmeriSci # 418121028	Client Number	Sample Location	% Lead (w/w)	Lead Content (mg/kg = ppm)
01	P1	2nd Floor / RR 230 / Wall / White	<0.01	<100
02	P2	2nd Floor / RR 230 / Shower / Wall Tile / White w/ Specks	<0.01	<100
03	P3	2nd Floor / RR 230 / Shower / Floor Tile / Lt. Gray	<0.01	<100
04	P4	2nd Floor / RR 230 / Shower / Floor Tile / Dark Gray	<0.01	<100
05	P5	1st Floor / M. RR Entry / Wall / White	<0.01	<100
06	P6	1st Floor / M. RR / Wall Tile / Blue	<0.01	<100
07	P7	1st Floor / M. RR / Floor Tile / Brown w/ Speckles	<0.01	<100
08	P8	2nd Floor / Rm 211 / RR / Wall Tile / Green	0.038	380
09	P9	2nd Floor / Rm 211 / RR / Floor Tile / Green w/ Speckles	<0.01	<100
10	P10	2nd Floor / Rm 210 / RR / Door Jamb / White, Tan, Red	0.18	1,800
11	P11	2nd Floor / Rm 210 / RR / Wall / White	0.15	1,500
12	P12	2nd Floor / Rm 210 / RR / Wall Tile / Yellow	0.041	410
13	P13	2nd Floor / Rm 210 / RR / Wall Tile / Tan w/ Speckles	0.24	2,400
14	P14	2nd Floor / Rm 210 / RR / Floor Tile / Brown w/ Speckles	<0.01	<100
15	P15	1st Floor / W. RR / Toilet Stall / Blue, Tan	0.88	8,800

AmeriSci Reporting Limit is 0.01%, or 100mg/kg prior to any dilutions due to high analyte concentrations or matrix interferences. AmeriSci does not correct sample results by the blank value. All analytical batch data met quality control criteria unless otherwise noted.

Reviewed by: _____

Analyzed by: _____
Taylor Ngan

ELAP No:

AMERI SCI

AMERISCI LOS ANGELES
24416 South Main St., Suite 308
888.724.5226 Toll Free
310.834.4868 Phone~310.834.4772 Fax

AMERISCI JOB NO: 418121028 | **PAGE** 1 **OF** 2

DUE DATE:
☐ 1 DAY ☐ 2 DAY ☒ 3 DAY ☐ 5 DAY ☐ 7 DAY ☐ 10 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

COMPANY: BRUNELLE & CLARK CONSULTING, LLC

ADDRESS: P.O. Box 1138, Arcata, CA 95518

PHONE: (707) 822-4058 | **FAX 1:** | **CELL:** (707) 672-5345

CLIENT CONTACT: Zindar Brunelle | **EMAIL:** zbconsult@outlook.com

PROJECT NAME: Mental Health 720 Wood St., Eureka, CA | **PROJECT NUMBER:** 1800321 | **PROJECT STATE:** CA

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	SAMPLING INFORMATION TIME	SAMPLING INFORMATION TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE PH AT LOGIN	Lead in Paint	Notes:
P1	2nd Floor / RR 230 / wall	CH	S	P		11/29/18		ZBrunelle				X	white
P2	/ RR 230 / shower / wall tile											X	white w-speckles
P3	/ / shower / floor tile											X	Lt. gray
P4	/ / / /											X	dark gray
P5	1st Floor / M. RR Entry / wall											X	white
P6	/ M. RR / wall tile											X	Blue
P7	/ / / floor tile											X	Brown w-speckles
P8	2nd Floor / Rm 211 / RR / wall tile											X	Green
P9	/ Rm 211 / RR / floor tile											X	Green w-speckles
P10	/ Rm 210 / RR / door jamb											X	white, tan, red
P11	/ / / / wall											X	white
P12	/ / / / wall tile											X	Yellow

SAMPLED BY: (PRINT) Zindar Brunelle	DATE: 11/29/18	RECEIVED BY: (PRINT)	DATE: 12/4/18
(SIGN) ZBrunelle	TIME: NA	(SIGN)	TIME: 9:45
RELINQUISHED BY: (PRINT) Zindar Brunelle	DATE: 12/3/18	RECEIVED BY: (PRINT)	DATE:
(SIGN) ZBrunelle	TIME: NA	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY:	DATE:
(SIGN)	TIME:	(SIGN)	TIME:

AMERISCI

AMERISCI LOS ANGELES
24416 South Main St., Suite 308
888.724.5226 Toll Free
310.834.4868 Phone - 310.834.4772 Fax

AMERISCI JOB NO: 418121028 | PAGE 2 OF 2

DUE DATE: ☐ 1 DAY ☐ 2 DAY ☒ 3 DAY ☐ 5 DAY ☐ 7 DAY ☐ 10 DAY | TEMP UPON RECEIPT:

DATA PACKAGE: | P.O.#

COMPANY: BRUNELLE & CLARK CONSULTING, LLC

ADDRESS: P.O. Box 1138, Arcata, CA 95518

PHONE: (707) 822-4058 | FAX 1: | Cell: (707) 672-5345

CLIENT CONTACT: Zindar Brunelle | EMAIL: zbconsult@outlook.com

PROJECT NAME: Mental Health 720 Wood St., Eureka, CA | PROJECT NUMBER: 1800321 | PROJECT STATE: CA

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	SAMPLING INFORMATION TIME	SAMPLING INFORMATION TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE pH AT LOGIN	Lead in Paint	Notes:
P13	2nd Floor / Rm 210 / RR / Wall Tile	CH	S	P		11/29/18						X	Tan w-speckles
P14	↓ / Rm 210 / RR / Floor Tile	↓	↓	↓								X	Brown w-speckles
P15	1st Floor / W. RR / Toilet Stall	↓	↓	↓								X	Blue, tan

SAMPLED BY: (PRINT) Zindar Brunelle	DATE: 11/29/18	RECEIVED BY: (PRINT)		DATE: 12/04/18	
(SIGN)	TIME: NA	(SIGN)		TIME: 9:05	
RELINQUISHED BY: (PRINT) Zindar Brunelle	DATE: 12/3/18	RECEIVED BY: (PRINT)		DATE:	
(SIGN)	TIME: NA	(SIGN)		TIME:	
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY:		DATE:	
(SIGN)	TIME:	(SIGN)		TIME:	

APPENDIX C

Previous HC Mental Health Facility Asbestos Report (7/22/13)

TERRY CLARK CONSULTING, LLC

LIMITED ASBESTOS SURVEY
SEISMIC DAMAGE REPAIR
HUMBOLDT COUNTY MENTAL HEALTH FACILITY
720 WOOD STREET
EUREKA, CALIFORNIA

July 22, 2013

Project # 1300302

Prepared For:
Matson & Vallerga Architects, Inc.
3234 "T" Street
Eureka, CA 95503
(707) 443-1669

Prepared by:
Terry Clark Consulting, LLC
1636 Old Arcata Road
Bayside, CA 95524
(707) 822-4058
terryclarkLLC@suddenlink.net

LIMITED ASBESTOS SURVEY
SEISMIC DAMAGE REPAIR
HUMBOLDT COUNTY MENTAL HEALTH FACILITY
720 WOOD STREET
EUREKA, CALIFORNIA

Project #1300302

Prepared for:
Matson & Vallerga Architects, Inc.
3234 "T" Street
Eureka, CA 95503
(707) 443-1669

Prepared by:

Terry Clark
Certified Asbestos Consultant, #02-3246

Terry Clark Consulting, LLC
1636 Old Arcata Road
Bayside, CA 95524
(707) 822-4058

July 22, 2013

LIMITED ASBESTOS SURVEY
SEISMIC DAMAGE REPAIR
HUMBOLDT COUNTY MENTAL HEALTH FACILITY
720 WOOD STREET
EUREKA, CALIFORNIA

TABLE OF CONTENTS

APPENDICES

LIMITED ASBESTOS SURVEY
SEISMIC DAMAGE REPAIR
HUMBOLDT COUNTY MENTAL HEALTH FACILITY
720 WOOD STREET
EUREKA, CALIFORNIA

1.0 PURPOSE

Between June 14 and July 18, 2013, a sampling survey for asbestos was conducted on the above-referenced commercial building. This survey also includes some data from several previous surveys performed on limited portions of the building, by this consultant, between July 6, 2009 and June 19, 2012. This survey included both interior and exterior materials that may be disturbed by the repair of interior and exterior building materials that were damaged by seismic events. See Figures, Appendix A.

As a "public" building, this site is subject to the EPA National Emission Standards for Hazardous Air Pollutants (NESHAP) regulations concerning demolition and/or renovation activities (40 CFR, Part 61, Subpart M). This survey is intended to provide compliance with NESHAP regulations for renovation and/or demolition work. This survey also provides data and recommendations for compliance with Cal/OSHA regulations of Title 8 CCR 1529 for worker protection, and provides recommendations on the disposal of asbestos containing materials. The person completing this survey and report is certified by the California Division of Occupational Safety & Health (DOSH) as an AHERA Asbestos Building Inspector and DOSH Certified Asbestos Consultant (CAC).

2.0 EXECUTIVE SUMMARY

The main building is a two story structure, pre-1979, which is occupied by the Humboldt County "Semper Virens" Mental Health facility. Part of this structure is also occupied by the Humboldt County Coroner's facilities, which is re-located in the northeast corner of the ground floor. Portions of the Coroner's facility are also included in this survey.

Between July 6, 2009 and June 19, 2012, this consultant completed nine limited asbestos surveys on various portions of this building for other projects. Some of the data from those previous surveys are incorporated in this report. A list of the nine previous surveys are contained in Appendix E. Figures from some of those reports are contained in Appendix A.

This building has a concrete exterior shell. Most of the walls and ceilings in the interior are plaster, generally constructed with a thin 1/8" white skim coat over a medium gray grainy rough coat. In most places, the plaster has been installed over expanded metal mesh, and in some places, over concrete, and rarely, over gypsum button board. A single rough coat plaster can be found in a few locations, as can a single white coat of plaster in some locations. A few partition walls are of standard gypsum drywall construction; likely in locations of more recent renovation/additions.

Stairways are concrete, and stairwells have concrete and/or plaster walls and ceilings. Many floors, especially in hallways, are finished with vinyl floor tile (VFT), with other floors finished

with carpeting. The building has flat torch-down roofing, on several levels. The flat roof membranes are topped with a silver reflective paint, which also covers utility piping, seals around roof vents/penetrations, and tar flashings up vertical surfaces.

During the most recent survey work conducted between June 14 and July 18, 2013, a total of ninety-nine (99) bulk samples were collected from suspect materials as follows:

23 Skim coat plaster, white.
28 Rough coat plaster, gray.
1 Plaster, single coat, white.
4 Plaster patching.
6 Gypsum drywall/joint compound.
3 Texture, gypsum drywall/joint compound
1 Gypsum drywall only.
2 Duct tape on HVAC ducts.
6 Drop ceiling panels.
1 Acoustic ceiling tile, 1x1.
1 Ceiling tile mastic.
3 Backsplash RFP panel adhesives.
3 Baseboard adhesive.
6 Spray-on insulation.
2 Exterior paint.
1 Interior paint.
7 Concrete.
99 samples

The samples were submitted to an accredited laboratory for the initial analysis of asbestos content by Polarized Light Microscopy (PLM).

Several materials tested positive for asbestos under initial PLM analyses. For some agency determinations and for waste characterization, a more accurate determination of asbestos content, by percentage, is required, therefore, after the initial PLM analyses, seven of the samples from the most recent survey that tested positive for asbestos were re-submitted for more accurate analysis by 400 Point Count analyses, as was one previously surveyed sample. Two other previous samples were re-tested by 1,000 Point count analysis. All Point Count data is summarized below. Recent analytic data are summarized in Table 2, Appendix B. Previous analytic data is included with previous survey reports.

Point Count Analyses

Sample ID#	Material	Initial PLM Result (visually estimated)	400 Point Count Result
HCMH-18	Blown-on insulation	2% CH	0.3% CH
HCMH-21	Blown-on insulation	2% CH	0.3% CH
HCMH-36	Exterior paint, tan	Trace, <1% asbestos	<0.25% CH
HCMH-52	Skim coat plaster	Trace, <1% asbestos	<0.25% CH
HCMH-53	Rough coat plaster	Trace, <1% asbestos	<0.25% CH

HCMH-59	Rough coat plaster	Trace, <1% asbestos	<0.25% CH
HCMH-68	Rough coat plaster	Trace, <1% asbestos	0.6% CH
123-3	Silver reflective roof paint	3% CH	0.9% CH
304-6	(CMU)	Trace, <1% asbestos	<0.1% CH (by 1,000 point Count)
304-7	Mortar on exterior CMU	Trace, <1% asbestos	0.1% CH (by 1,000 point Count)

The two following definitions are referred to in this report: *Asbestos Containing Materials (ACM)* are materials that contain >1% asbestos. *Asbestos Containing Construction Materials (ACCM)* contain asbestos in amounts between 0.1% and 1.0%.

In asbestos surveys performed to date, three materials in this building were found to be or are presumed to be ACM, as summarized below.

ACM:

- VFT, 9"x9" and mastic.
- VFT, 12"x12", and mastic.
- TSI pipe insulation materials.

In asbestos surveys performed to date, five materials in this building were found to be ACCM, as summarized below

ACCM:

- Plaster, both skim & rough coats, on all 2nd floor spaces only (not on 1st floor).
- Blown-on fireproofing insulation, localized above some drop ceilings of 1st floor.
- CMU block & mortar, Coroner's carport.
- Exterior paint.
- Silver reflective roof paint.

The ACM and ACCM found at this site are listed in Table 1 below, including the agency and waste categorizations of each. Locations of ACM and ACCM are shown on Figures 3-10, Appendix A.

The analytic data are summarized in Table 2, Appendix B and the laboratory reports are also attached in Appendix B.

Abatement of ACM or ACCM is not necessarily required by any agency, except to the extent that those materials would be disturbed for repair, renovation, or demolition work, or if deterioration of ACM or ACCM presents a liability hazard. The disturbance of all ACM and ACCM is always subject to regulation under Cal/OSHA, and any disturbance and/or abatement of ACM and ACCM must be performed by a licensed asbestos abatement contractor, and properly disposed. In addition to Cal/OSHA regulations, some types of ACM are subject to EPA NESHAP regulations and some types are not, as explained further below.

IN GENERAL: In general, there are two major sets of regulations governing the abatement and handling of asbestos; OSHA (Cal/OSHA) regulations that are designed to protect all workers (employees) from adverse exposure to asbestos and the EPA NESHAP regulations, which protect air quality. All employees are covered by OSHA regulations. Commercial and public buildings are subject to NESHAP regulations concerning the disturbance of asbestos by renovation and/or demolition activities. This building is subject to the EPA NESHAP regulations, as enforced by the North Coast Unified Air Quality Management District (NCUAQMD) located in Eureka, California. The applicable NESHAP categorizations of the project ACM are included in Table 1 above.

Under NESHAP, the EPA regulates certain types of ACM, which that agency categorizes as "RACM". Generally, all "friable" types of asbestos are RACM. Some materials that contain asbestos may not be categorized as "RACM" under NESHAP if they do not exceed 1% asbestos content, or are "non-friable" types of asbestos and have not become "friable", and/or will not be made "friable" during disturbance or removal. Thus the manner by which ACM are abated can affect these categorizations.

For sites subject to NESHAP regulations a "Notification" must always be filed with that agency at least 10 working days prior to all *demolition* work, and for any *renovation* work where RACM is found present. Furthermore, under NESHAP, renovation work that involves the removal of any "load bearing" member is actually deemed to be *"demolition"* work, which always requires the 10-day NESHAP Notification. That Notification must include an asbestos survey report (such as this one) and the identification of all RACM. For sites subject to NESHAP, a second "Notification" of RACM *abatement* must always be filed with that agency at least 10 working days prior to the abatement of RACM if the amount of RACM to be abated is above certain NESHAP defined threshold amounts.

For site-specific permit requirements, see **"FOR THIS SITE"** section on page 7

TABLE 1
ASBESTOS IDENTIFICATIONS & CLASSIFICATIONS
HumCo Mental Health Bldg, 720 Wood Street, Eureka, CA
Seismic Repair Project,

MATERIAL	LOCATION	QUANTITY	ASBESTOS CONTENT & TYPE	OSHA CLASSIFICATION	NESHAP CATEGORY	Waste Disposal Classification
Interior Plaster (skim coat & rough coat)	2nd floor, all spaces, walls and ceilings	TBD	<1% CH by initial PLM. <0.25% to 0.6% CH by 400 Point Count	ACCM, Class II abatement required where disturbed	ACCM Not RACM*	Non-Friable asbestos waste
Spray-On Fire Insulation	1st floor, several localized spots above drop ceiling along east wall of west corridor.	TBD	2% CH by initial PLM. <0.3% CH by 400 Point Count	ACCM, Class II abatement required where disturbed	ACCM Not RACM*	Non-Friable asbestos waste
Exterior Paint, Tan	Exterior at SE & SW corners of building, on concrete	TBD	<1% CH by initial PLM. <0.3% CH by 400 Point Count	ACCM, Class II abatement required where disturbed	ACCM Not RACM*	Non-Friable asbestos waste
Silver reflective roof paint/tar patching compounds (see Rpt. #1012301 & #0900304)	All roof membranes, and as on pipes, vents, penetrations & flashings.	TBD	3% CH by initial PLM. 0.9% CH by 400 Point Count analysis	ACCM, Class II abatement required where disturbed	Category I Non-Friable. Not RACM	Non-friable asbestos waste

MATERIAL	LOCATION	QUANTITY	ASBESTOS CONTENT & TYPE	OSHA CLASSIFICATION	NESHAP CATEGORY	Waste Disposal Classification
The following materials were identified in previous asbestos surveys, and are not necessarily scheduled for disturbance by the proposed seismic damage repair project.						
12" x 12" VFT & mastic (in Rpt #1000921)	Mental Health, 1st floor, hallways, (Presume positive elsewhere)	TBD	VFT = 2% CH. Mastic= 4% CH	ACM, Class II abatement required where disturbed	Category I Non-Friable. Not RACM*	Non-friable asbestos waste
9" x9" VFT & Black Mastic (Rpt 0900303)	Two front offices & adjacent staff restroom	TBD	VFT = 4% CH Mastic = 5% CH	ACM, Class II abatement required where disturbed	Category I Non-Friable. Not RACM*	Non-friable asbestos waste
Cinder Block (CMU) and Mortar (in Report #1100304)	Coroner Office, Exterior Carport	TBD	<1% CH for each by initial PLM CMU = <0.1% Mortar = 0.1% CH by 400 Point Count	ACCM, Class II abatement required where disturbed	ACCM Not RACM*	Non-Friable asbestos waste
TSI Pipe Insulation (in Rpts #1012301 & #1100300)	Roof utilities, upper level, and Coroner's office, above drop ceil. (Presume any pipe insul.in bldg.)	TBD	Roof piping, 5% -12% CH and AM, Interior TSI elbows, 35% CH	ACM, Class I abatement required where disturbed	ACM Friable RACM	Friable asbestos waste

SF = Square Feet. LF = Lineal Feet
CH = Chrysotile asbestos

AM = Amosite asbestos
ACM = Asbestos Containing Materials, containing >1% asbestos.
ACCM = Asbestos Containing Construction Materials, asbestos content of 0.1% to 1.0%.
RACM =Regulated ACM under NESHAP regulations.
RACM* = Not considered as RACM if asbestos content is 1% or less, or if not made friable by disturbance.
TBD = Abatement quantity to be determined for actual repair work.

FOR THIS SITE: As a public building, this site is subject to the EPA NESHAP regulations, and is also subject to Cal/OSHA regulations. Insofar as NESHAP regulations, the several types and sizes of ACM VFT and mastic at this site are categorized as a Category I Non-Friable ACM which should remain "non-friable" when properly abated. Therefore they are not categorized as RACM under NESHAP. The ACM silver reflective roof paint is also a Category I Non-Friable ACM which should remain "non-friable" when properly abated. TSI pipe insulation materials, including elbows, are "friable" materials and are categorized as RACM under NESHAP. The disturbance of any ACM TSI materials is not anticipated for this project, and in any event, any NESHAP Notification prior to abatement of that RACM depends on the quantity to be abated (covered below).

The materials determined to be ACCM, which include the plaster, blown-on fireproofing, exterior paint, and cinder block/mortar (in Coroner's carport only) are not categorized a RACM under NESHAP inasmuch as they were found to contain <1% asbestos. Those materials may be properly abated at any time, without having to file a NESHAP Notification filing a NESHAP Notification prior to abatement.

Regardless of NESHAP categorizations, for compliance with Cal/OSHA regulations, to the extent that any materials containing any amount of asbestos will be disturbed by this project, including all ACM and ACCMs, such materials must be properly abated and and disposed by a licensed asbestos abatement contractor.

A NESHAP Notification is required prior to r*enovation* work in two cases. First, a notification is required if any RACM that is present is to be disturbed in excess of the defined threshold quantities. The only RACM identified for this project is the TSI pipe insulation. A NESHAP Notification would be required at least 10 working days prior to the disturbance/abatement of 260 lineal feet or more of that material, including any anticipated amounts that may need abatement for any other projects over the next year. Otherwise, a NESHAP Notification is not required for the abatement of that RACM in amounts less than the 260 lineal feet, and the disturbance of any ACM TSI materials is not so far anticipated for this project,

The other ACM and ACCM in this building are not categorized as RACM under current conditions and they may be properly abated at any time by a licensed asbestos abatement contractor, without a NESHAP Notification for that abatement work

Secondly, if any "load bearing" members are to be removed during a *renovation* project, it then becomes a *demolition* project, which always requires a 10-day NESHAP Notification prior to such demolition work. This office cannot make a determination as to the possible removal of "load bearing" members for any future work; that must be determined by the owner and/or contractor or architect, who must then file accordingly: a NESHAP Notification, if required, will require a $200 filing fee and a copy of this report. See Appendix C for a copy of the NESHAP Notification package.

If a NESHAP Notification is filed, the NCUAQMD will then issue an "Acknowledgement of Receipt" for this project which you must then file with the applicable building permit agency. If

this project does not require a NESHAP Notification, the owner nonetheless does need to file a copy of this report with the applicable building permit department. A building department may, on occasion, forward this report to the NCUAQMD for review, which may incur a $75 fee to the building owner.

Regardless of NESHAP regulation, compliance with Cal/OSHA regulations always requires proper abatement of any ACM and ACCM by a licensed asbestos abatement contractor, and they will file Cal/OSHA notifications as required for abatement work.

Upon discovery of previously untested inaccessible suspect materials, work must cease until further sampling is conducted.

Figures 1 and 2 in Appendix A indicate the locations of asbestos samples. The locations of ACM and ACCM are indicated on Figures 3-10. Appendix A, Table 2 in Appendix B provides a summary of asbestos sample data, along with the Chain of Custody documentation and Laboratory Reports. Appendix C contains a copy of the NESHAP notification form. Appendix D contains the certifications for the consultant who prepared this report.

See Section 4.0 for further discussion of site ACM, ACCM, abatement, and disposal options

3.0 ASBESTOS SURVEY METHODOLOGY

Representative suspect asbestos-containing materials were bulk sampled in general accordance with sampling guidelines established by the Environmental Protection Agency and 29 CFR 1926.1101. The following summarizes the sampling procedures utilized.

- The general location of each sample was marked on a corresponding sketch.
- These materials were then categorized into homogeneous materials. A homogeneous material is defined as being uniform in texture, color, and date of application.
- A sampling scheme was developed based upon the location and quantity of the various homogeneous materials. Sample numbers were recorded on data sheets and each sample was categorized as a miscellaneous material (MM), surfacing material (SM), or thermal system insulation (TSI).
- Bulk samples were collected by a State of California, Division of Occupational Health & Safety certified Asbestos Building Inspector.
- Appropriate sampling tools and leak tight sample containers were used. Bulk sampling tools were decontaminated to prevent the spread of secondary contamination to subsequent bulk samples.
- Each bulk sample was individually numbered and recorded on a Bulk Sample Log and sent to a laboratory for analysis by Polarized Light Microscopy (PLM) following 40 CFR 763 procedures and/or other analysis if needed. The laboratory used for asbestos analyses is NVLAP and CA ELAP accredited.

4.0 CONCLUSIONS & RECOMMENDATIONS FOR ASBESTOS

4.1 Site Specific Information

ACM Vinyl Floor Tile (VFT) &Associated Mastic:
9X9 and 12x12 VFT, and the associated mastics found on both floors at this site are either ACM or must be presumed to be ACM unless tested otherwise. The disturbance of VFT may not be required for this project, however, if required, any disturbance or abatement of the ACM VFT and/or mastic must be done by a licensed asbestos abatement contractor wherever these materials may be disturbed for renovation or demolition. Class II asbestos abatement methods are required to remove the VFT & mastic where needed. The abated materials must, at a minimum, be disposed of as "non-friable" asbestos waste.

ACM TSI Pipe Insulation: The insulation on water piping found above a drop ceiling location on the 1st floor (Coroner's office) was found to be ACM, containing both chrysotile and amosite asbestos. Similar pipe insulation was noted on piping above the drop ceiling over the west entry corridor of the 2nd floor and that is presumed to also be ACM. Furthermore, any pipe insulation encountered in any locations should be presumed ACM unless tested otherwise by a certified Asbestos Consultant. This may include piping hidden behind walls or hard ceilings anywhere in this building.

The disturbance of this ACM is not anticipated for this project, however, if any disturbance/abatement is required, it must be performed as Class I work by a licensed asbestos abatement contractor, with disposal of any abated waste as "friable" asbestos waste. This will require the use of a licensed "hazardous" waste hauler. In addition, a temporary hazardous waste generator number from the EPA will need to be obtained for the site. An abatement contractor will typically handle these issues.

ACCM Plaster Materials: The plaster materials found on walls and ceilings on the 2nd floor were found to be ACCM. Generally, asbestos was most often found in the rough coat, but there was one positive sample of asbestos found in a skim coat layer sample. They are generally inseparable layers anyway, thus all plaster layers on the 2nd floor must be deemed ACCM. By 400 Point Count analysis, the asbestos content in the plaster materials is less than 1%, and is thus not considered to be a regulated ACM (RACM) under NESHAP. Cal/OSHA regulations require Class II abatement of the ACCM plaster by a licensed asbestos abatement contractor. While any abated ACCM plaster may be characterized as "general construction debris", abated ACCM plaster should be handled/contained at the jobsite and transported as ACM up to and including actual disposal at an accepting landfill, and the landfill facility must be notified that the material is ACCM.

ACCM Spray-on Fireproofing Insulation: This material was noted in a few localized spots along the east side of the west corridor on the 1st floor. This material appears to have been applied subsequent to renovations or penetrations into that space. It will be necessary to remove all drop ceiling panels in all 1st floor hallways to fully determine the extent of that material. Furthermore, small amounts of that ACCM fireproofing appeared to have been applied, as over-

spray up against some of the drop ceiling channel track along the east wall and that material may be disturbed if the ceiling panels and or drop ceiling grid track is disturbed.

Therefore, it is recommended herein to have a licensed abatement contractor remove all drop ceiling panels in the hallways under containment and abate the ACCM fireproofing. Either completely, or at least to the extent needed to prevent incidental disturbance by other contractors or county employees working on the drop ceiling grid. When abated, that ACCM may be disposed as "non-friable" asbestos waste since it is <1% asbestos.

ACCM Silver Roof Reflective Coating: A silver reflective roof coating has been used over all roof membranes on this building, and is also found covering all utility piping, penetrations, vents, and vertical flashings. The coating was found to contain 0.9% chrysotile asbestos. This material is well adhered to the tar/paper membrane. This ACCM is "non-friable" and likely to remain so if abated by normal methods. Any disturbance of that material (all roofing) must be done by a licensed abatement contractor. Any abated waste is to be disposed of as "non friable" asbestos waste at an accepting landfill.

ACCM Cinder Block (CMU)/Mortar:
The CMU of the Coroner's carport was previously identified as ACCM. Disturbance of this material is not anticipated for this project, however, any disturbance must be done by a licensed asbestos abatement contractor, with disposal as "non-friable" asbestos waste inasmuch as it contains <1% asbestos.

ACCM Exterior Paint:
This paint was found on exterior surfaces likely to be disturbed for repair of exterior awnings and similar fixtures. The exterior paint was found to contain <0.3% chrysotile asbestos. This ACCM is "non-friable" and likely to remain so if abated by normal methods. Any disturbance of the ACCM paint must be done by a licensed abatement contractor. It can be abated from locations that will require disturbance (drilling, etc.), or such work as attaching fixtures may be performed by the abatement contractor.Any abated waste is to be disposed of as "non friable" asbestos waste at an accepting landfill.

4.2 General Information

There are two major sets of regulations governing the possible abatement and handling of asbestos; the NESHAP regulations, which protect air quality, and the OSHA (Cal/OSHA) regulations that are designed to protect workers from adverse exposure to asbestos.

NESHAP: The Environmental Protection Agency (EPA) promulgated the NESHAP regulations specifically for the protection of air quality arising from the possible disturbance of asbestos by renovation and demolition activities. For the Counties of Humboldt, Del Norte, and Trinity, the enforcing agency is the *North Coast Unified Air Quality Management District (NCUAQMD)* located in Eureka, California.

The NESHAP regulations are most often concerned with the "friability" of asbestos, either by the inherent nature/form of the material, or, inasmuch as some materials may be "non-friable" in form, if it may become friable during disturbance. NESHAP often then requires the abatement of RACM from buildings prior to renovation and/or demolition. Under NESHAP, materials that contain 1% or less asbestos are not regulated, not considered as RACM, and are exempt from NESHAP regulations. NESHAP regulations are enforced either by local air quality agencies or by the regional EPA office.
Commercial properties and apartments containing five or more units on one parcel are subject to NESHAP requirements. Single family residences are generally exempt from NESHAP regulations, unless if ever used for commercial purposes or if two or more structures on a parcel are involved. A NESHAP Notification will be required for agency review prior to applicable renovations and for all demolition at this site. When applicable, the NESHAP Notification Form (Appendix C) must be filed with the enforcing agency at least 10 working days in advance of applicable renovations, any regulated asbestos abatement, and any demolition at this site. For compliance with NESHAP, an asbestos survey is required prior to these activities. This report, and any other subsequent asbestos report should be submitted along with the Notification Form. A $200 fee is generally required for the file/notification review, and an additional $200 fee is generally required if asbestos abatement is to be performed.

Cal/OSHA: The other major set of asbestos regulations was promulgated by OSHA, and in California, generally enforced by Cal/OSHA. Cal/OSHA regulations exist to protect workers from asbestos exposure, and are applicable to the any disturbance of ACM. Cal/OSHA does not require abatement of ACM, but regulates the abatement (or disturbance) of asbestos, requiring that employed workers be properly trained, equipped, and protected by special control measures during asbestos disturbance. Further, contractors conducting abatement work must be properly trained and licensed for asbestos abatement. Worker protection measures are not only required for disturbing ACM (>1% asbestos content), but for any amount of asbestos content at or above 0.1% (see ACCM definition, Section 5.0). Thus, some materials containing less than 1% asbestos may not be regulated ACM (RACM) under NESHAP, but will still require compliance with OSHA regulations for the protection of workers disturbing any materials containing 0.1% asbestos or greater.

Class I Abatement: For abatement of "friable" ACM as listed in Table 1, Class I abatement methods are required by Cal/OSHA, at a minimum, for the protection of workers. Class I abatement requires all Class II measures plus full negative air containment of the work area, with a three stage decontamination unit, including a shower, or, for some applications, the use of glovebags, or other small negative pressure enclosures. All friable waste must be disposed of as very restrictive "friable" asbestos waste, using a licensed hazardous waste transporter, and a hazardous waste manifest. An EPA waste generator ID number must be obtained for the (abatement) site.

Class II Abatement: For abatement of all ACM listed in Table 1, Class II abatement methods are required, at a minimum, by Cal/OSHA for the protection of workers. Among other measures, Class II abatement procedures requires the use of a licensed asbestos contractor, trained asbestos abatement personnel, respiratory protection, the use of "wet methods" for effective dust

suppression, and the use of "critical barriers", and other measures for the effective isolation of indoor work areas. "Visible" dust emissions must not be allowed to escape the work area. Bagged ACM roofing materials must be carefully lowered to the ground and must not be thrown from roofs.

Project Specifications: This report does not provide or constitute project specific "specifications" for any abatement or repair work on this site or for this project. This report provides data, and recommendations as based upon that available data, upon Federal, State and local regulations, and upon general industry practices and standards. To more fully protect their interests, some clients may wish to obtain detailed specifications for asbestos abatement projects, and may also wish to retain consultant oversight services for those projects.

Worker Exposure Testing: Under Cal/OSHA regulations, the abatement contractor is required to collect one or more personal air samples on their workers during the abatement work to monitor potential worker exposure to (asbestos) fibers, which are not to exceed the Permissible Exposure Limit (PEL). Those samples are submitted for lab analysis by Polarized Contrast Microscopy (PCM) and calculated to a time weighted eight-hour average. This testing is not to be confused with "clearance testing" as described below, but nonetheless, the results of the abatement contractor's exposure monitoring samples should be available to the client.

Clearances and Monitor Testing: With the exception of school sites, post-remedial "clearance" testing for air-borne asbestos in indoor work areas is not mandated by law, but is an option of the owner, as is a visual observation of post-abatement work by a third party. Post remedial air clearance testing is not recommended for this site due to planned demolition.

Disposal of Lead Containing Materials: Note that both State and Federal laws regulate the disposal of lead containing materials in landfills. However, the disposal of lead containing materials is regulated by the Department of Toxic Substance Control (DTSC), not NESHAP. If the demolition debris contains painted components, it is typically required that the waste stream be tested for lead content in order to complete a waste disposal profile for an accepting landfill. Completion of a 'waste profile" typically requires that at least one representative bulk sample of the waste stream be collected and submitted for laboratory analysis of the lead content for waste characterization.

5.0 SUMMARY OF ASBESTOS REGULATIONS

Note that several definitions apply to materials containing asbestos.

Asbestos Containing Materials (ACM) contain >1% asbestos. Regulated ACM (RACM) is defined under NESHAP as being ACM which is "friable" or "non-friable" ACM which will be rendered friable by renovation and/or demolition activities.

Asbestos Containing Construction Materials (ACCM) contain asbestos in amounts between 0.1% and 1.0%. The disturbance of these materials are subject to Cal/OSHA regulations for the

protection of workers. Asbestos content below 0.1% is considered to be "unclassified" and is not subject to any regulations.

There are six regulations that either require or imply that an asbestos inspection must be performed prior to work that will disturb ACM (disrupt the matrix, crumble, pulverize or generate visible debris). The first is the NESHAP regulation which requires an inspection prior to a demolition or a renovation project over the notification amounts. The second is the OSHA Asbestos Standard for the construction Industry which requires TSI, surfacing, and flooring to be treated as ACM if they are present in buildings constructed before 1981. The third stems from the Cal/OSHA Illness Injury Protection Program (IIPP) requirements for hazard determination and inspection. The fourth is the California Asbestos Notification Act. The fifth is the Hazard Substances Removal Contract requirements in California, while the sixth is California Labor Code 6501.9 which indicates the building owner must determine if asbestos containing construction material (ACCM) is present prior to contracted work.

According to the National Emission Standard for Hazardous Air Pollutants (NESHAP), ACM (>1% asbestos) must be removed prior to demolition or renovation if the material is considered to be a Regulated Asbestos Containing Material (RACM), and if it will be disturbed (made friable). RACM is generally defined as all "friable" ACM and "non-friable" ACM, which, by definition, contain >1% asbestos, that will become friable during renovation. The North Coast Unified Air Quality District must be notified for all demolitions and must be notified for any renovations that disturb RACM (friable asbestos, or non friable asbestos that will become friable) above the notification amounts. The EPA notification amounts are 160 square feet and 260 linear feet.

Building owners must notify employees and contractors working inside a building that the building contains asbestos. A Report of Use form must be filed with CAL/OSHA when a carcinogen is disturbed during renovation or demolition.

Building owners also have responsibilities to provide a safe work environment and must notify employees and contractors working inside a building known to contain asbestos. Two of these specific laws are the Asbestos Notification Act (California Health and Safety Code, Section 25915 et. seq.) and Proposition 65. Asbestos regulations are complicated and are subject to change. The intent of the following information is to advise you of some of the regulations that may affect you, but is not intended to be an all-encompassing discussion of asbestos regulations.

The California Business and Professions Code, Section 7058.5 et. al. seq. requires asbestos abatement contractors to be certified with the Contractor State Licensing Board (in addition to being registered annually with CAL/OSHA). They must be certified if, at one job site, at one time, they ever engage in asbestos-related work involving 100 square feet or more of asbestos containing construction materials (ACCM, >0.1% asbestos). There are exceptions to this certification process for roofing and flooring materials. Work practices for asbestos removal are regulated by Cal/OSHA. In addition, when a carcinogen (asbestos) is to be disturbed, a Report of Use form must be filed with Cal/OSHA by the abatement contractor.

Building owners have responsibilities to provide a safe work environment and must notify employees and contractors working inside a building known to contain asbestos. Two of these specific laws are the Asbestos Notification Act (California Health and Safety Code, Section 25915 et. seq.) and Proposition 65. Prop 65 requires the posting of warning signage.

The Asbestos Notification Act applies to building owners, professional property managers of and tenants in non-residential buildings built before 1979 who know of ACCM in their buildings. They must provide a specific written notification to employees and contractors in the building. Results of inspections, sampling, etc. must be shared, warning signs posted, and various other actions taken. This notification must be done each year. In addition, a supplemental notification must be done within 90 days of a change in the material or the receipt of additional sampling results. A copy of this notice must be given to every co-owner or tenant. Tenants who receive this notice are required to notify their employees.

Under Section 25359.7 of the Health and Safety Code, owners of real estate property who know of or have reasonable cause to believe that ACM is present must disclose that prior to sale.

The Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65), regulates chemicals in California that cause cancer or reproductive toxicity. The list of chemicals involved is published in Division 2 of Title 22, beginning with Section 12000.

Proposition 65 involves the public notification and warning required by the regulation. There is controversy on how to appropriately comply. In general, unless the ACM in a building is damaged and thus the owner believes it is contaminating air in the building, the owner does not have to specifically post the Proposition 65 warning sign (just for the asbestos). On the other hand, these warning signs should be displayed whenever and wherever asbestos work is being done. Many building owners routinely add the Proposition 65 warning as part of their compliance with the Asbestos Notification Act (see Sections 25249.5 & 25249.6 of the Health & Safety Code).

In addition to the above-mentioned regulations, the following regulations will most likely apply:

- ✓ Section 25914.1-3 Health and Safety Code
- ✓ Section 25359.7 Health and Safety Code
- ✓ Section 19827.5 Health and Safety Code
- ✓ 29 CFR 1910.1001
- ✓ 29 CFR 1926.1101
- ✓ 40 CFR Part 61, Subpart M (NESHAP)
- ✓ 8 CCR Article 4, 1529
- ✓ 8 CCR Article 110, 5208
- ✓ Labor Code Section 9000 et. seq.
- ✓ Labor Code section 6501.9
- ✓ 8 CCR Article 2.5. Section 341.6 et. seq.
- ✓ 8 CCR Article 2.5, Section 341.9
- ✓ Asbestos Hazard Emergency Response Act (AHERA)

Asbestos regulations are complicated and are subject to change. The intent of the above information is to advise you of some of the regulations that may affect you, but is not intended to be an all-encompassing discussion of asbestos regulations.

6.0 DISCLAIMER

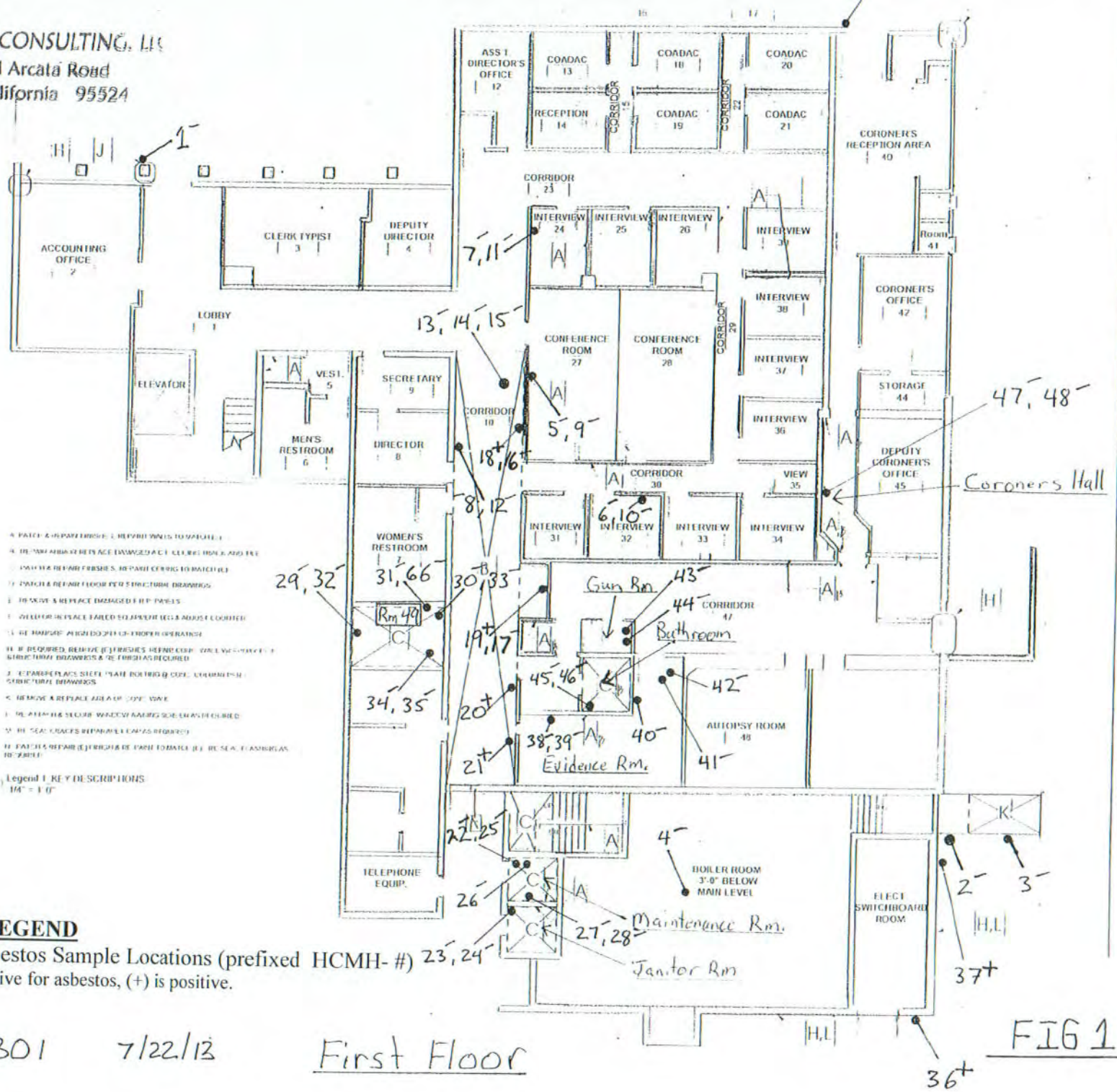
The sole purpose of this investigation and of this report is to assess the site with respect to asbestos materials as defined by the scope of work. Terry Clark Consulting, LLC, is not responsible for locating asbestos containing building material in inaccessible areas such as behind walls, above hard ceilings, beneath flooring or underground. The passage of time, manifestation of latent conditions, or occurrence of future events may require further exploration at the site, analysis of data, and reevaluation of the findings, observations, conclusions, and recommendations expressed in the report. This report has been prepared on behalf of and for the exclusive use of the client, and is subject to and issued in connection with the agreement and the provisions thereof. All findings, conclusions, and analytical data presented in this report are based on the information obtained by Terry Clark Consulting, LLC's survey and by the laboratory analysis.

While the owner/operator was responsible for describing the extent and limits of site work, materials to be sampled were determined by the certified (asbestos) building inspector who performed this survey and were not otherwise subject to limitations by the owner/operator.

-end of text-

APPENDIX A
Figures

TERRY CLARK CONSULTING, LLC
1636 Old Arcata Road
Bayside, California 95524



LEGEND

● # Asbestos Sample Locations (prefixed HCMH- #)
(-) is negative for asbestos, (+) is positive.

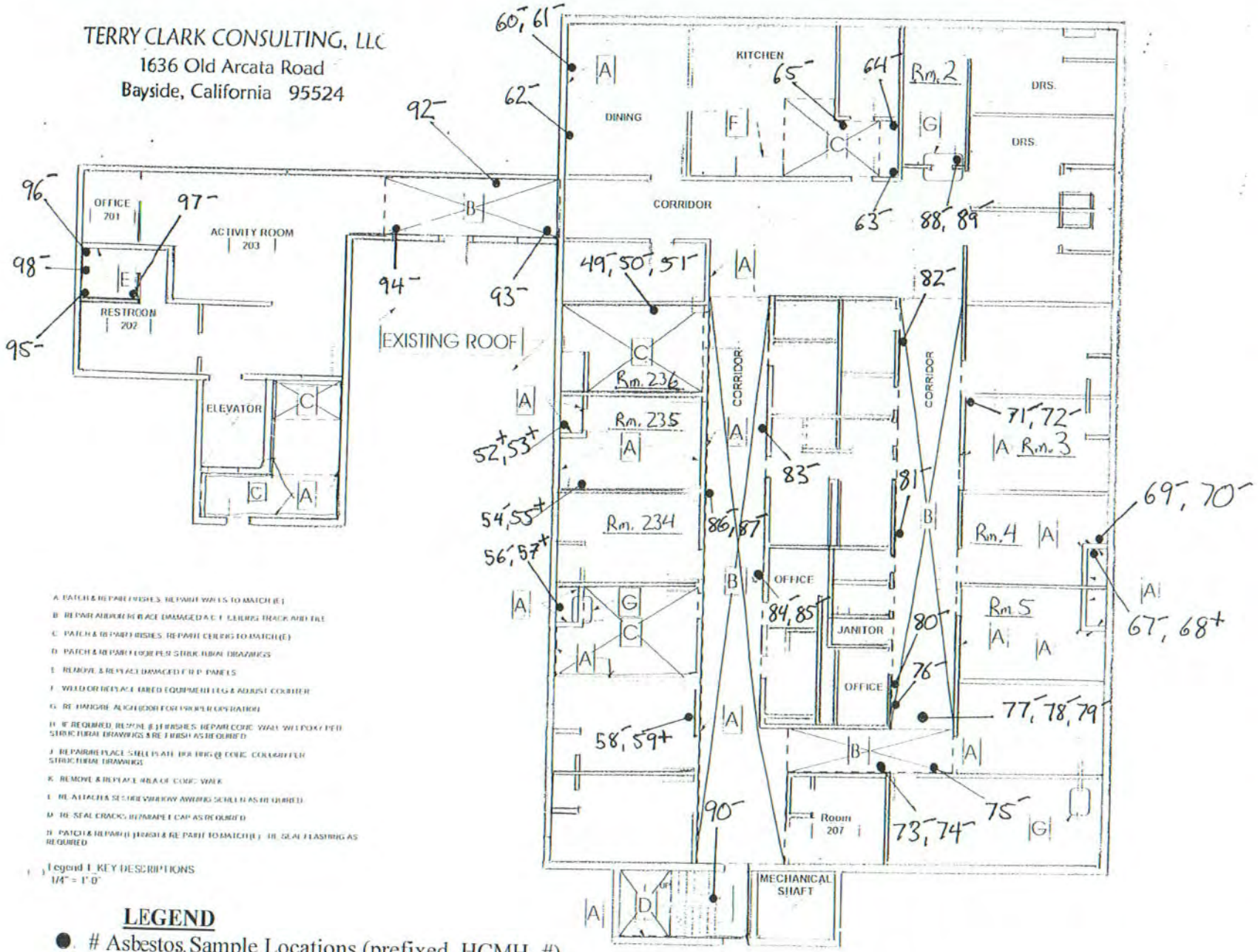
1300301 7/22/13 First Floor

FIG 1

Maison & Vallerga

Mental Health Seismic Event Damage Report
COUNTY ARCHITECT TYLER FOWLES
HUMBOLDT COUNTY MENTAL HEALTH FACILITY
FIRST FLOOR PLAN

TERRY CLARK CONSULTING, LLC
1636 Old Arcata Road
Bayside, California 95524



A PATCH & REPAIR FINISHES. REPAIR WALLS TO MATCH (E)
B REPAIR AIRDOOR & BRACE DAMAGED A.C.T. CEILING TRACK AND TILE
C PATCH & REPAIR FINISHES. REPAIR CEILING TO MATCH (E)
D PATCH & REPAIR FLOOR PER STRUCTURAL DRAWINGS
E REMOVE & REPLACE DAMAGED FRP PANELS
F WELD OR REPLACE TIRED EQUIPMENT LEG & ADJUST COUNTER
G RE-HANG/RE-ALIGN DOOR FOR PROPER OPERATION
H IF REQUIRED, REMOVE & FINISHES. REPAIR CORE WALL WITH POCKETED STRUCTURAL DRAWINGS & REFINISH AS REQUIRED
J REPAIR/REPLACE SHELVES AT BRACING @ CORE. COORDINATE STRUCTURAL DRAWINGS
K REMOVE & REPLACE AREA OF CORE WALL
L RE-ATTACH & SECURE WINDOW AWNING SCRUB AS REQUIRED
M RE-SEAL CRACKS IN PARAPET CAP AS REQUIRED
N PATCH & REPAIR FINISH & REPAINT TO MATCH (E). RE-SEAL FLASHING AS REQUIRED

Legend & KEY DESCRIPTIONS
1/4" = 1'-0"

LEGEND

● # Asbestos Sample Locations (prefixed HCMH- #)
(-) is negative for asbestos, (+) is positive.

1300301 7/22/13

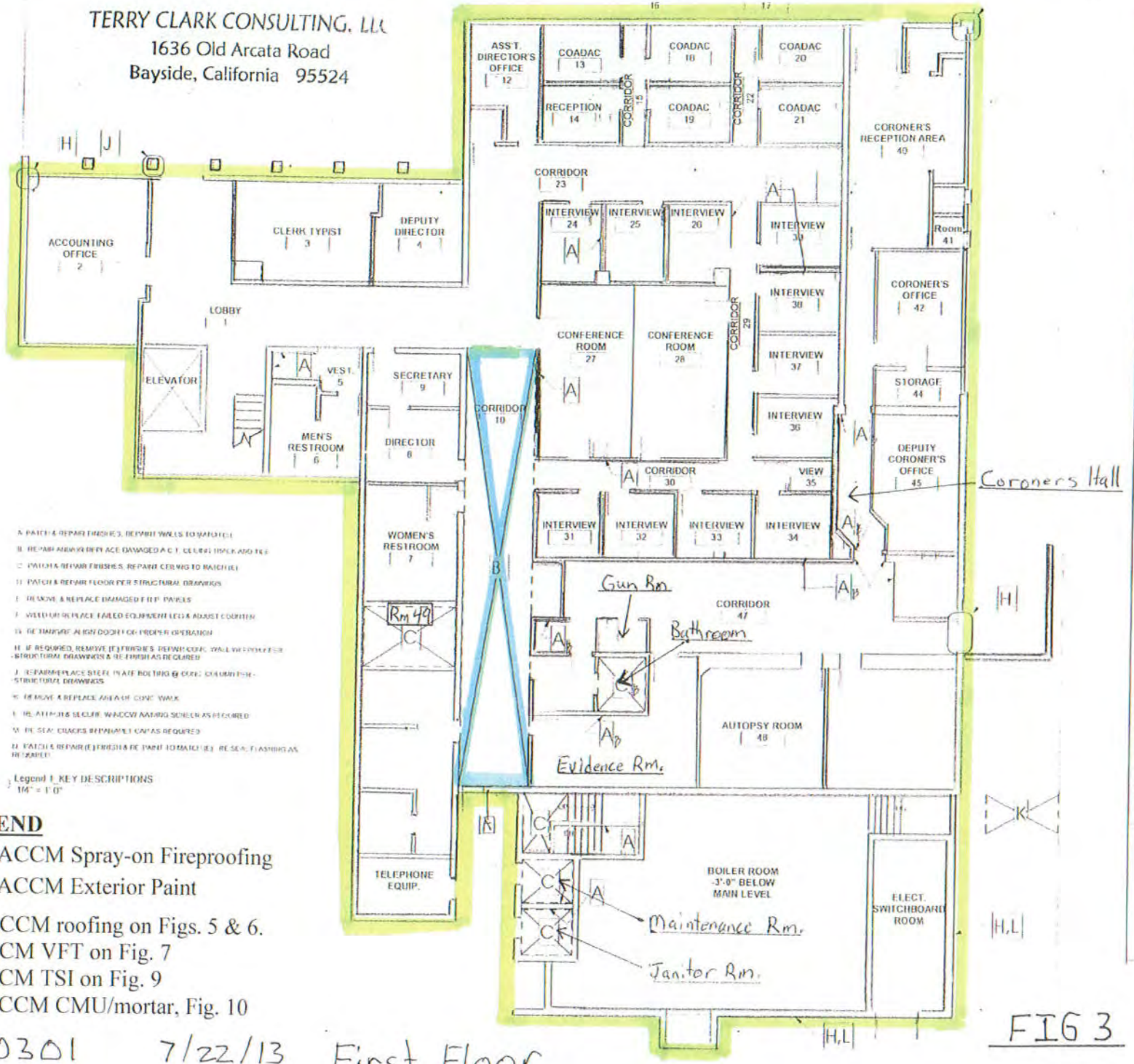
Second Floor

FIG 2

Maison & Vallerga

SECOND FLOOR PLAN
Mental Health Seismic Event Damage Repair
COUNTY ARCHITECT: TYLER HOLMES
HUMBOLDT COUNTY MENTAL HEALTH FACILITY
720 W. 3rd STREET
EUREKA, HUMBOLDT COUNTY, CALIFORNIA

TERRY CLARK CONSULTING, LLC
1636 Old Arcata Road
Bayside, California 95524



A. PATCH & REPAIR FINISHES, REPAINT WALLS TO MATCH (E)
B. REPAIR ARMOR PER ACE DAMAGED A.C.T. COLUMN PER ABOVE
C. PATCH & REPAIR FINISHES, REPAINT CEILING TO MATCH (E)
D. PATCH & REPAIR FLOOR PER STRUCTURAL DRAWINGS
E. REMOVE & REPLACE DAMAGED FIRE PANELS
F. WELD OR REPLACE FAILED EQUIPMENT LEGS & ADJUST CORNER
G. RE-ENGAGE ALIGN DOOR FOR PROPER OPERATION
H. IF REQUIRED, REMOVE (E) FINISHES, REPAIR CONC. WALL PER DETAIL PER STRUCTURAL DRAWINGS & RE-FINISH AS REQUIRED
J. REPAIR/REPLACE STEEL PLATE BOLTING @ CONC. COLUMN PER STRUCTURAL DRAWINGS
K. REMOVE & REPLACE AREA OF CONC. WALK
L. RE-ATTACH & SECURE WINDOW AMING SCREEN AS REQUIRED
M. RE-SEAL CRACKS IN PARAPET CAPS AS REQUIRED
N. PATCH & REPAIR (E) FINISH & RE-PAINT TO MATCH (E). RE-SEAL FLASHING AS REQUIRED

Legend 1 KEY DESCRIPTIONS
1/4" = 1'-0"

LEGEND

- ACCM Spray-on Fireproofing
- ACCM Exterior Paint

See ACCM roofing on Figs. 5 & 6.
See ACM VFT on Fig. 7
See ACM TSI on Fig. 9
See ACCM CMU/mortar, Fig. 10

1300301 7/22/13 First Floor

Mason & Vallerga
ARCHITECTS INC

FIRST FLOOR PLAN
Mental Health Seismic Event Damage Repair
COUNTY ARCHITECT TYLER HOLMES
HUMBOLDT COUNTY MENTAL HEALTH FACILITY
720 WOOD STREET
EUREKA, HUMBOLDT COUNTY, CA 95501

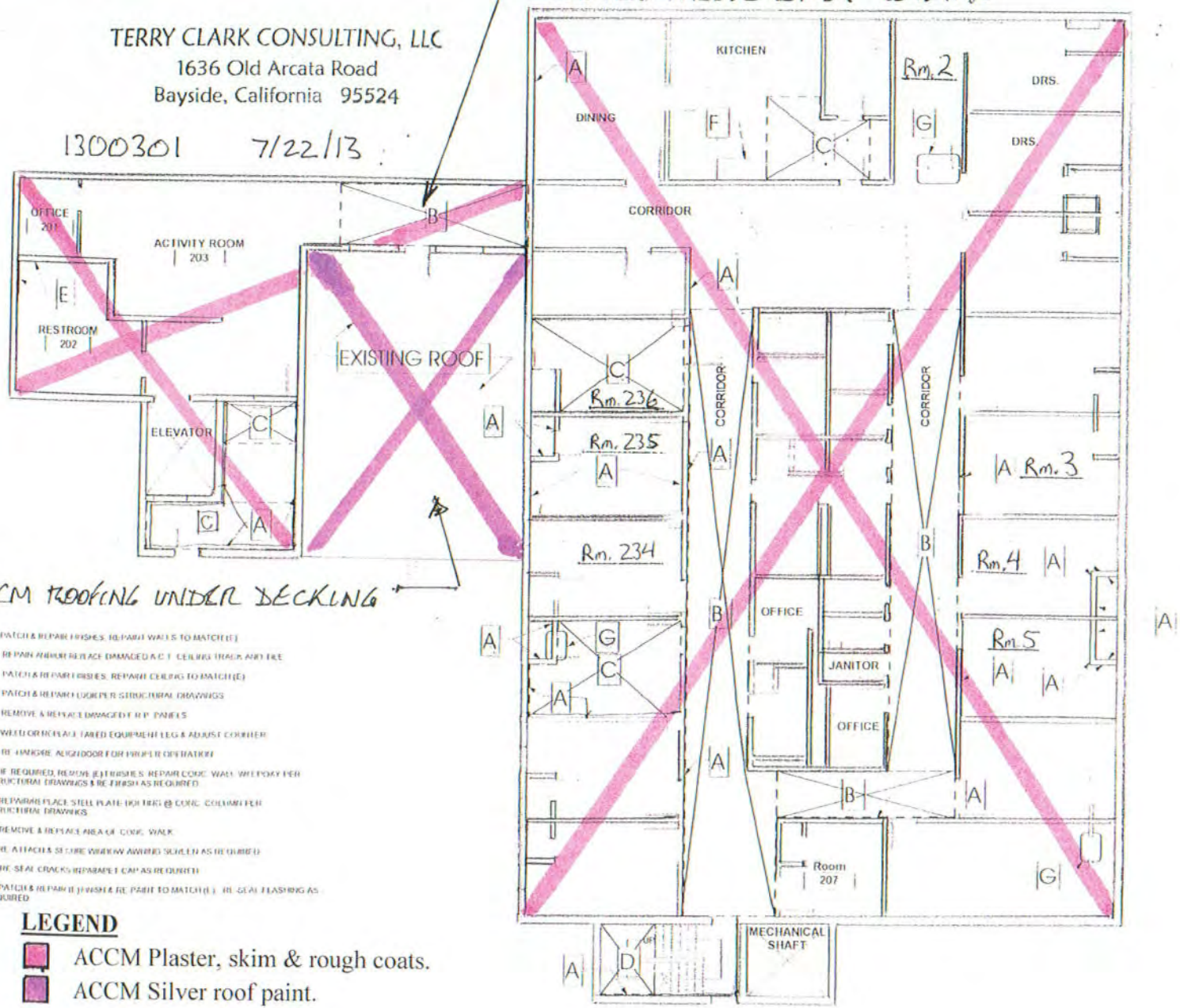
REGISTERED ARCHITECT MARK A. VALLERGA C 23899

FIG 3

TERRY CLARK CONSULTING, LLC
1636 Old Arcata Road
Bayside, California 95524

1300301 7/22/13

PIPING WITH ACM TSI NOTED ABOVE DROP CEILING



ACM ROOFING UNDER DECKING

A. PATCH & REPAIR FINISHES. REPAINT WALLS TO MATCH (E)

B. REPAIN AND/OR REPLACE DAMAGED A.C.T. CEILING TRACK AND TILE

C. PATCH & REPAIR FINISHES. REPAINT CEILING TO MATCH (E)

D. PATCH & REPAIR LOOPER STRUCTURAL DRAWINGS

E. REMOVE & REPLACE DAMAGED F.R.P. PANELS

F. WELD OR REPLACE TABLE EQUIPMENT LEG & ADJUST CASTER

G. RE-HANGRE ALIGN DOOR FOR PROPER OPERATION

H. IF REQUIRED, REMOVE (E) FINISHES. REPAIR CODE WALL WITH EPOXY PER STRUCTURAL DRAWINGS & RE-FINISH AS REQUIRED

J. REPAIR/REPLACE STEEL PLATE (10 TYP.) @ CORR. COLUMN PER STRUCTURAL DRAWINGS

K. REMOVE & REPLACE AREA OF CONC. WALK

L. RE-ATTACH & SECURE WINDOW AWNING SCREEN AS REQUIRED

M. RE-SEAL CRACKS IN PARAPET CAP AS REQUIRED

N. PATCH & REPAIR (E) FINISH & RE-PAINT TO MATCH (E). RE-SEAL FLASHING AS REQUIRED

LEGEND

- ACCM Plaster, skim & rough coats.
- ACCM Silver roof paint.

See ACM TSI notation on this Fig.
See ACCM roofing on Figs. 5 & 6.
See ACM VFT on Fig. 8

Second Floor

Mason & Vallerga

SECOND FLOOR PLAN
Mental Health Seismic Event Damage Repair
COUNTY ARCHITECT: TYLER HOLMES
HUMBOLDT COUNTY MENTAL HEALTH FACILITY
720 WOOD STREET
EUREKA, HUMBOLDT COUNTY, CA 95501

FIG 4

Humboldt county Department
of Health & Human Services
720 Wood St
Eureka, Ca 95501
Bldg M000720 2nd Fl

WOOD STREET

0900304 (FIG 1)

TERRY CLARK CONSULTING, LLC
1636 Old Arcata Road
Bayside, California 95524

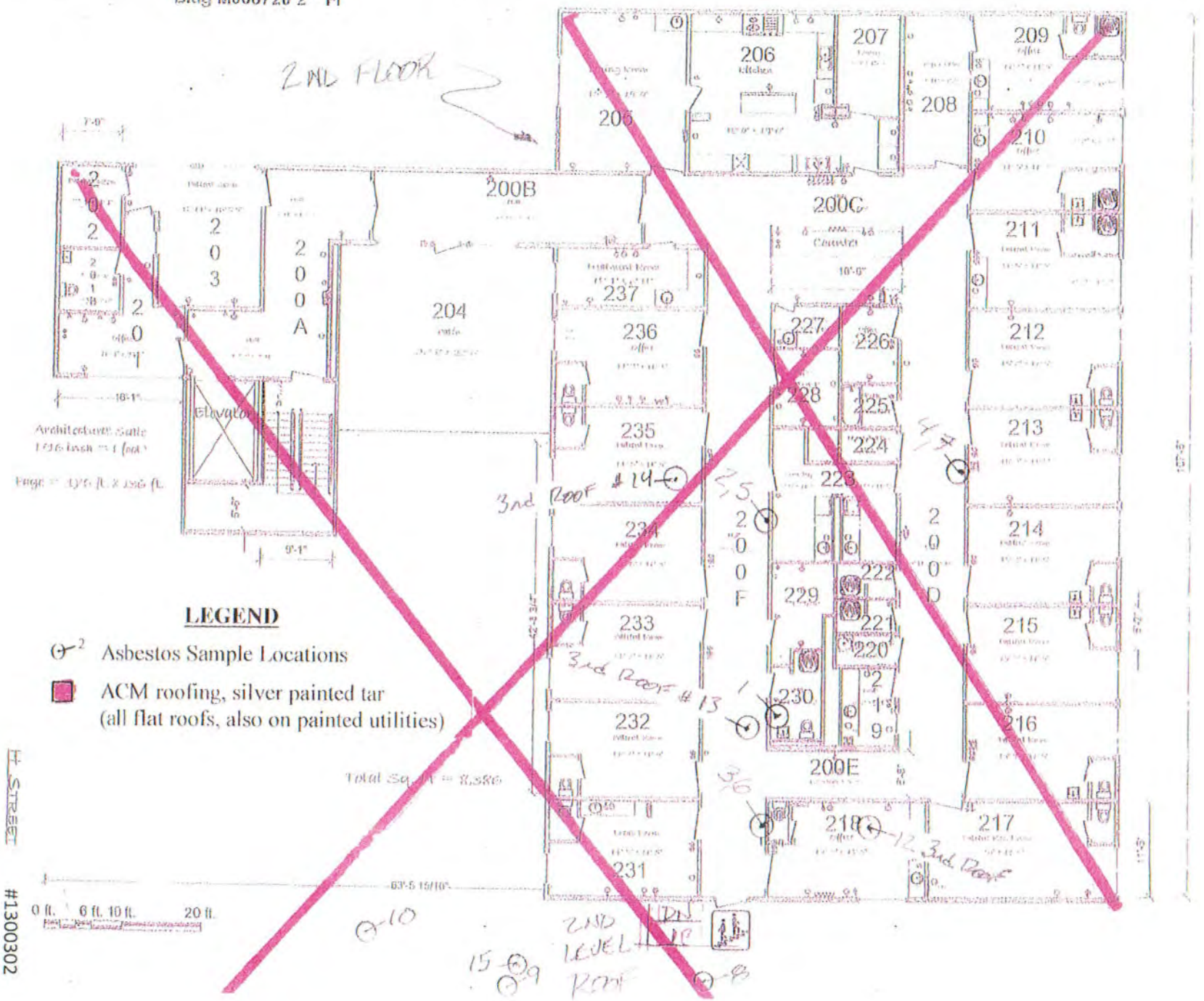
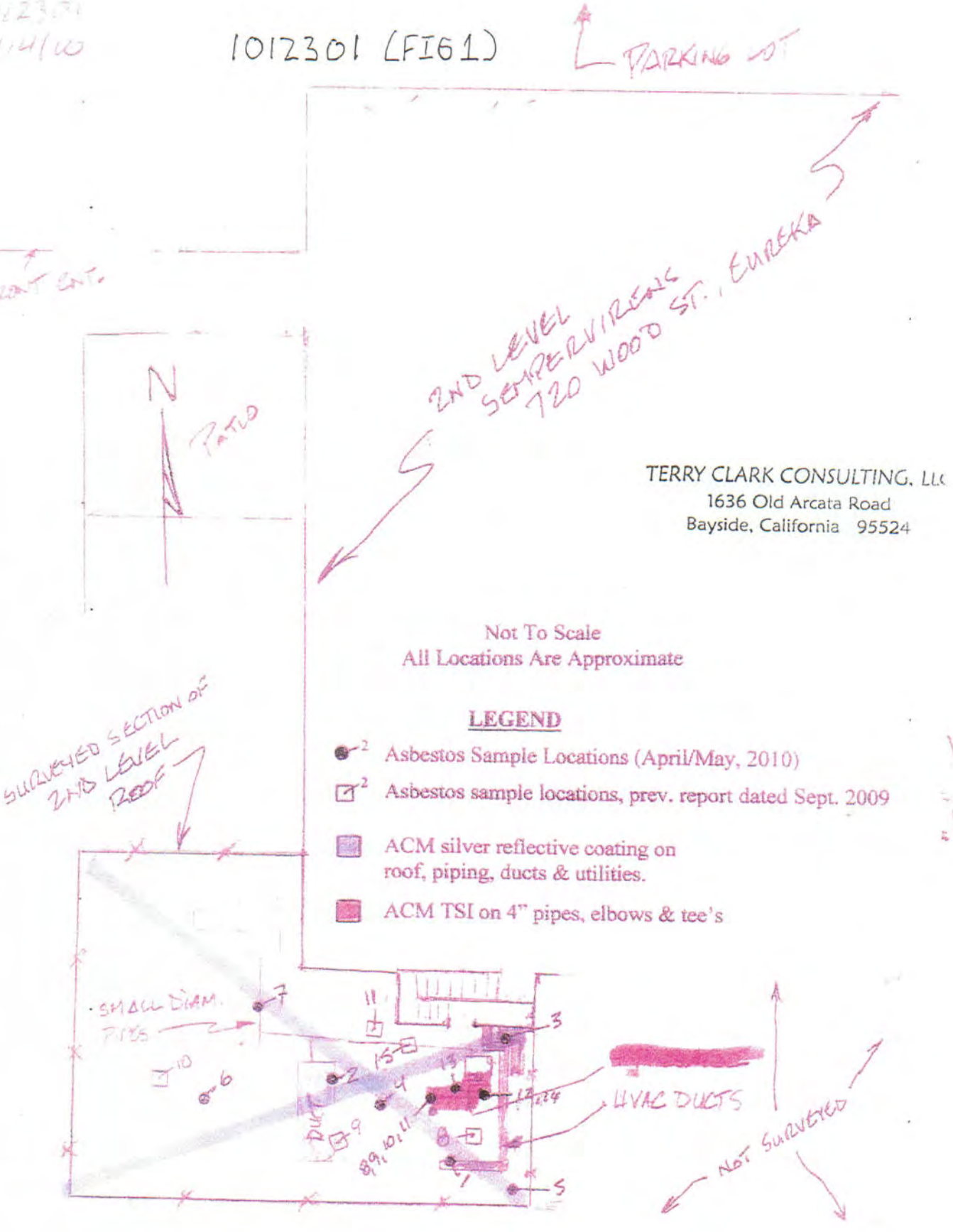


FIG.5 #1300302

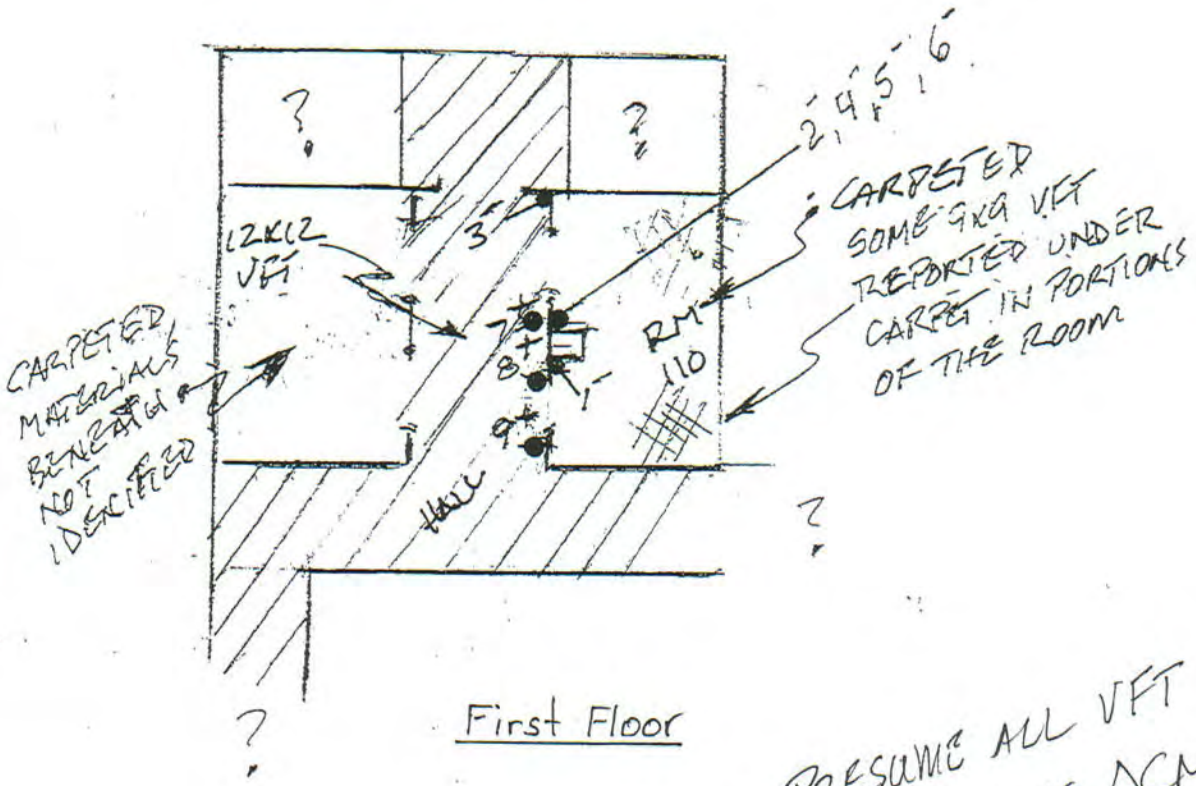
1012301 (FIG1)



#1300302
FIG. 6

TERRY CLARK CONSULTING, LLC
1636 Old Arcata Road
Bayside, California 95524

L000921 (FIG 1)
10/27/10



First Floor

PRESUME ALL VFT ON 1ST FLOOR IS ACM

HUMCO BLDG.
720 WOOD ST.

LEGEND

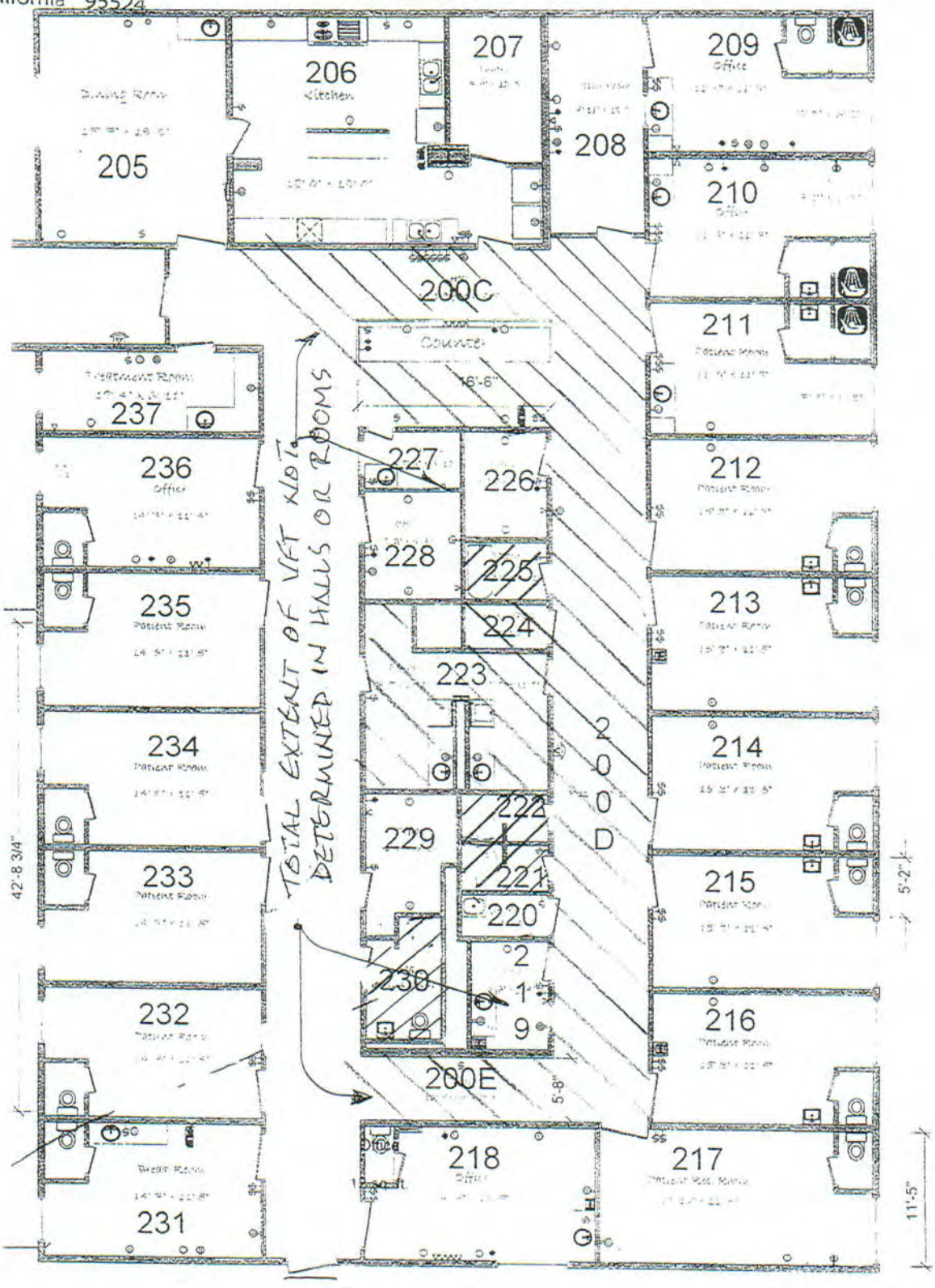
- Asbestos Sample Locations
  (-) is negative for asbestos
  (+) is positive for asbestos
- ACM 12x12 VFT/Mastic
  presume any other VFT/mastics are positive

#1300302
FIG. 7

TERRY CLARK CONSULTING, LLC
1636 Old Arcata Road
Bayside, California 95524

0900303 (FIG 2)

Second Floor



LOCATIONS OF ASBESTOS & LEAD MATERIALS

ACM plaster and tile grout. Also denotes lead containing ceramic tile.

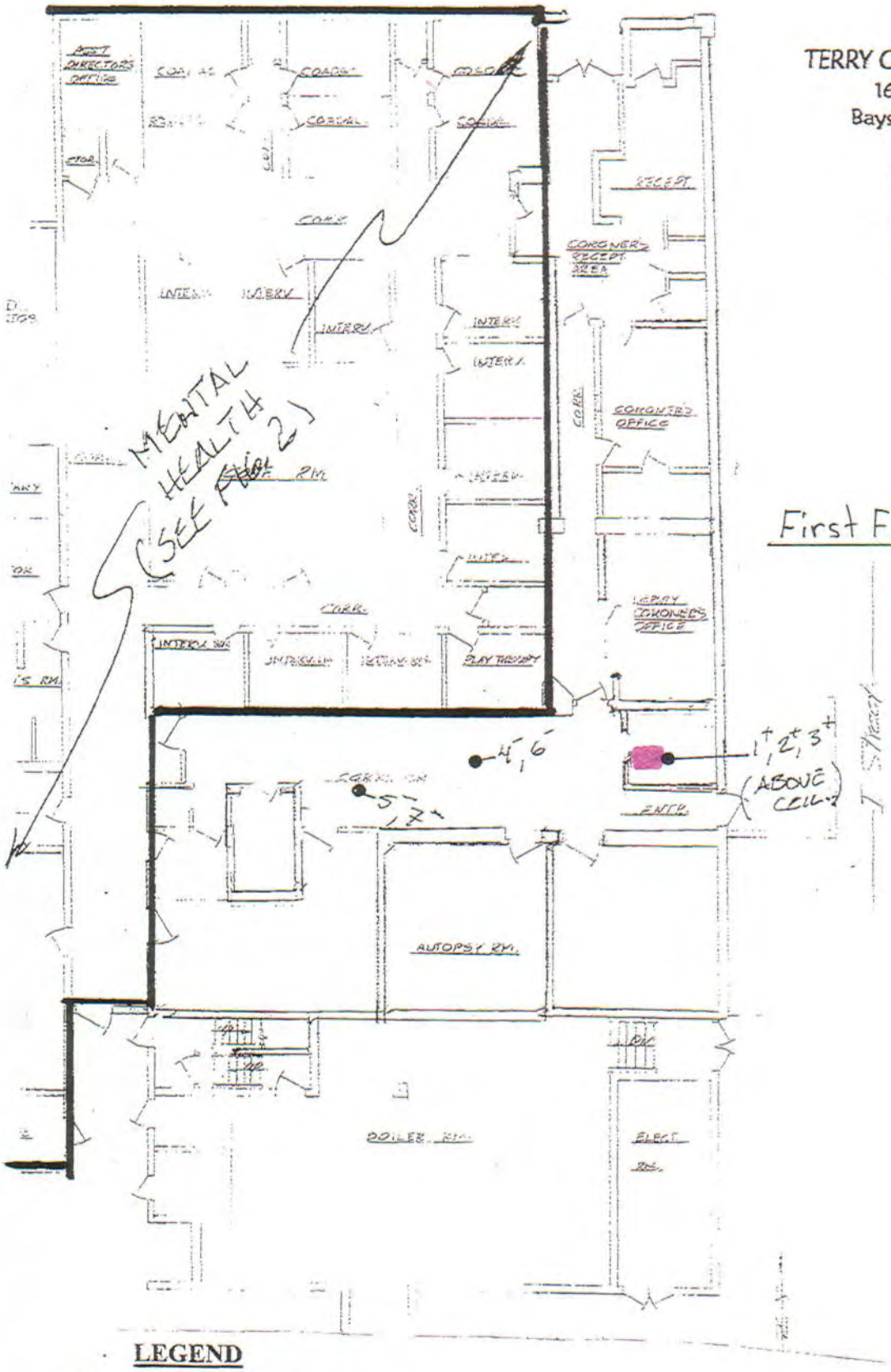
ACM VFT, light brown 9" x 9" / mastic. Except for room 224, total extent was not determined in other rooms and the hallways.

#1300302

FIG. 8

TERRY CLARK CONSULTING.
1636 Old Arcata Road
Bayside, California 95524

1100300
03/22/11
(FIG 1)



LEGEND

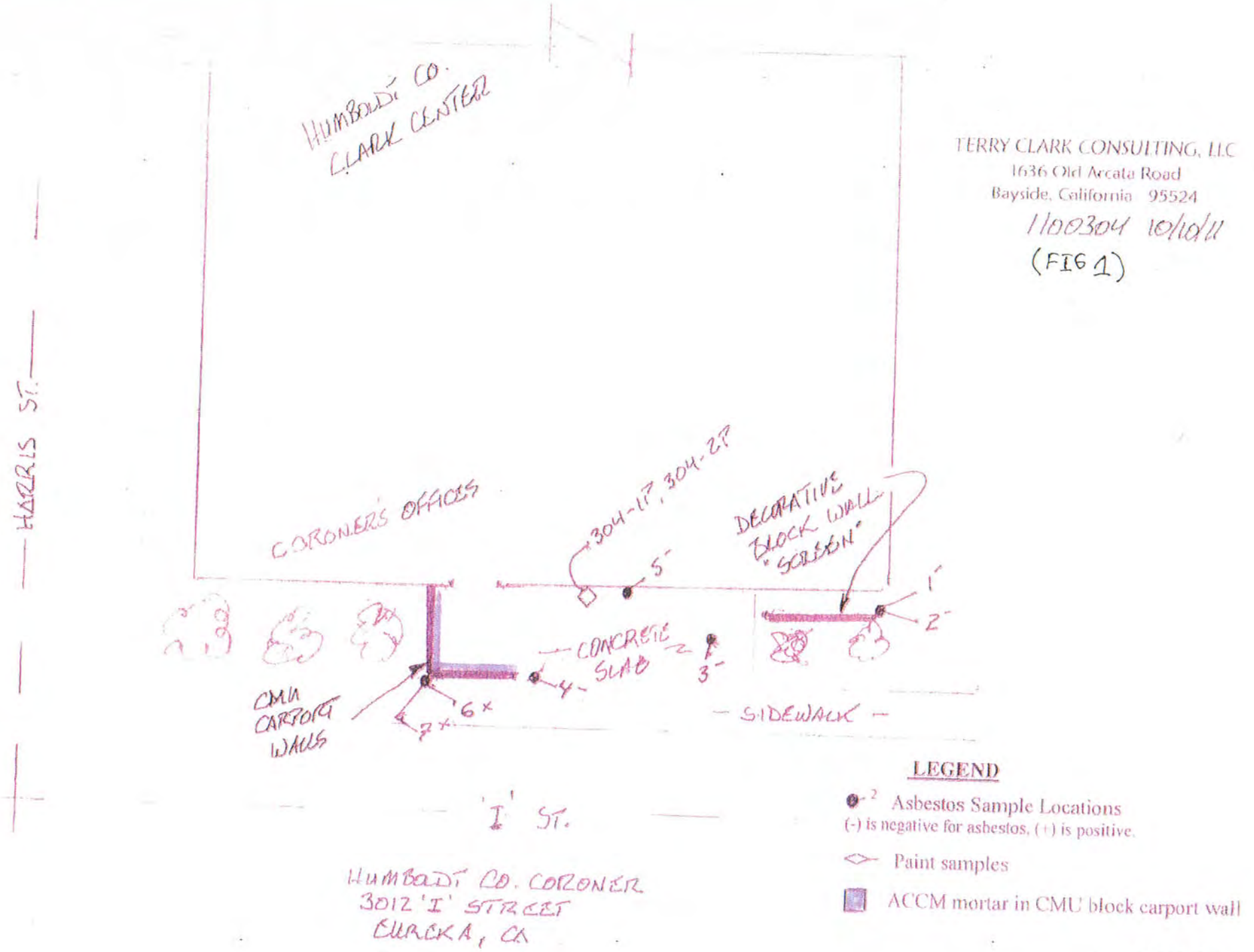
- ●-2 Asbestos Sample Locations
  (-) is negative for asbestos, (+) is positive.
- ■ ACM TSI elbows on water piping above the drop ceiling.
  Presume all TSI elbows in the building are ACM unless tested otherwise.

#1300302
FIG. 9

TERRY CLARK CONSULTING, LLC
1636 Old Arcata Road
Bayside, California 95524

1100304 10/10/11

(FIG 1)



HUMBOLDT CO. CORONER
3012 'I' STREET
EUREKA, CA

LEGEND

-2 Asbestos Sample Locations
(-) is negative for asbestos, (+) is positive.

Paint samples

ACCM mortar in CMU block carport wall

#1300302

FIG. 10

Top—Over-spray of ACM insulation above drop ceiling, 1st floor, east side of west corridor.1

Bottom—1st level roof over SE corner of Coroners offices, note silver ACM reflective paint on membrane, piping and all penetration seals/flashings.

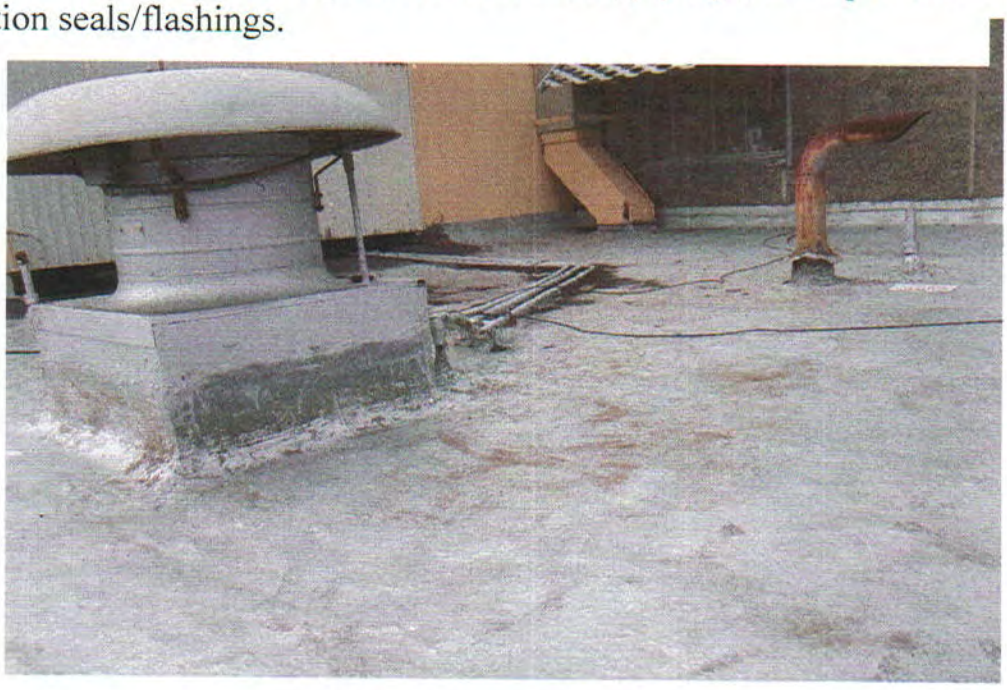


FIG. 11

MH
Part 2
of 2

APPENDIX B

Tables & Laboratory Reports

Analysis: X Standard PLM ___ 400 Point Count ___ 1,000 Point Count Turnaround Time: <12-hr/1-day/2-days/3-days/>3 days	TERRY CLARK CONSULTING, L.L.C. 1636 Old Arcata Road Bayside, CA 95524 Ph: (707) 822-4058 Fax: (707) 826-0635 Cell #: (707) 616-9852 terryclarkLLC@suddenlink.net	Date: 6/14/13 Site: HCMH 720 Wood St Eureka, CA Proj.# 1300307

BULK ASBESTOS SAMPLING 913061462

Sample No.	Sample Description	Hom, Area	Location	Mat'l Type	Mat'l Cond.	Friable
HCMH-1	CONCRETE		EXTERIOR NW ENTRY, PLASTER	MM	DG	NF
" -2	" " w/red paint		EXTERIOR, STEP TO BOILER RM	MM	ND	
" -3	" "		EXTERIOR, WALKWAY TO BOILER RM			
" -4	" "		INTERIOR, BOILER RM CEILING			
" -5	SKIM COAT PLASTER, white		RM. 27, W. wall			
" -6	" "		Rm 32, N. wall			
" -7	" "		Rm 24, W. wall			
" -8	" "		W. Hall			
" -9	ROUGH COAT PLASTER, Lt. gray		Rm 27, W. wall			
" -10	" "		Rm 32, N. wall			
" -11	" "		Rm 24, N. wall			
" -12	" "		West Hall			V
" -13	CEIL. PANEL, TYPE A		WEST WALL, DROP CEILING GRID			F
" -14	" , TYPE B		" " "			F
" -15	" , TYPE C		" " "			F

Sample Abbreviations
VFT/M = Vinyl Floor Tile & Mastic
SF = Sheet Flooring
GB/JC = Gypsum board/Joint Compound
CT = Ceiling Tile (glued or nailed)
CP = Ceiling Panel (t-grid or drop ceil.)

Material Type
Thermal System Insulation = TSI
Misc. Material = MM
Surfacing Material = SM

Material Condition
Not Damaged = ND
Damaged = DG
Significantly Damaged – SD
Potentially Significantly Damaged = PSD

* = Stop analysis for any layer at first positive, if >1%, where indicated.

Sampled by: Terry Clark	Received by:
Relinquished by:	Date/time 6/15/13

Analysis:	TERRY CLARK CONSULTING, L.L.C.	Date: 6/14/13
X Standard PLM ___ 400 Point Count ___ 1,000 Point Count Turnaround Time: <12-hr/1-day/2-days/3-days/>3 days	1636 Old Arcata Road Bayside, CA 95524 Ph: (707) 822-4058 Fax: (707) 826-0635 Cell #: (707) 616-9852 terryclarkLLC@suddenlink.net	Site: HCMH 720 Wood St Eureka, CA Proj.# 1300301

BULK ASBESTOS SAMPLING 13061462

Sample No.	Sample Description	Hom, Area	Location	Mat'l Type	Mat'l Cond.	Friable
HCMH-16	Duct white fabric Tape, w/wht CMPD.		West HVAC Ducts, Hall, Above Drop Ceil	MM	ND	NF
" -17	" " " "		" "	↓		↓
" -18	Spray-on insulation, grey-brown		DW Ducts/wall, E. side, above drop.	TSI		F
" -19	" "		" "			
" -20	" "		" "			
" -21	" "		" "	↓	↓	↓
"						
"						

Sample Abbreviations
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Sampled by: Terry Clark	Received by:
Relinquished by: [signature]	Date/time 6/14/13

9130711471

Analysis: X Standard PLM ___ 400 Point Count ___ 1,000 Point Count Turnaround Time: <12-hr/1-day/2-days/3-days/>3 days	TERRY CLARK CONSULTING, L.L.C. 1636 Old Arcata Road Bayside, CA 95524 Ph: (707) 822-4058 Fax: (707) 826-0635 Cell #: (707) 616-9852 terryclarkLLC@suddenlink.net	Date: 7/15/13 Site: HCMH 720 Wood St Eureka, CA Proj.# 1300301

BULK ASBESTOS SAMPLING

Sample No.	Sample Description	Hom, Area	Location	Mat'l Type	Mat'l Cond.	Friable
HCMH-22	Concrete		First Floor / Maintenance Rm.	MM	ND	NF
" -23	Patch Material, white		/ Janitor Rm	MM		
" -24	Skim Coat, Plaster, white		/ / Ceiling	SM		
" -25	Rough Coat / Plaster / grey		/ Maintenance Room	MM		
" -26	Adhesive / Baseboard / Brown Brittle			MM		
" -27	Skim Coat / Plaster / white			SM		
" -28	Rough Coat / Plaster / grey			SM		
" -29	Skim Coat / Plaster / With Texture / white		/ Rm 49 / wall	SM		
" -30	"			↓		
" -31	Rough Coat / Plaster / Light grey					
" -32	Rough Coat / Plaster / Grey					
" -33	"			↓		
" -34	Skim Coat / Plaster / With Texture / With Paint		/ Ceiling	SM		
" -35	Rough Coat / Plaster / Light grey		/ Ceiling	↓		
" -36	Paint, Beige		↓ / Exterior	MM	↓	↓

Sample Abbreviations
VFT/M = Vinyl Floor Tile & Mastic
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Surfacing Material = SM

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Damaged = DG
Significantly Damaged – SD
Potentially Significantly Damaged = PSD

* = Stop analysis for any layer at first positive, if >1%, where indicated.

Sampled by: Terry Clark	Received by: K. [illegible] 7/15/13 11:00
Relinquished by: [signature]	Date/time

913071471

Analysis: X Standard PLM ___ 400 Point Count ___ 1,000 Point Count Turnaround Time: <12-hr/1-day/2-days/3-days/>3 days	TERRY CLARK CONSULTING, L.L.C. 1636 Old Arcata Road Bayside, CA 95524 Ph: (707) 822-4058 Fax: (707) 826-0635 Cell #: (707) 616-9852 terryclarkLLC@suddenlink.net	Date: 7/11/13 Site: HCMH 720 Wood St Eureka, CA Proj.# 1300302

BULK ASBESTOS SAMPLING

Sample No.	Sample Description	Hom. Area	Location	Mat'l Type	Mat'l Cond.	Friable
HCMH-37	Paint, Beige		First Floor / Exterior	MM	ND	NF
" -38	Skim Coat, Plaster, white		↓ / Evidence Room / Wall	SM	↓	
" -39	Rough Coat, Plaster, grey		↓ / ↓ / Wall	↓	↓	
~~" -40~~	~~Mastic, Brown~~		~~/ Wall~~			
" -41	Mastic, Brown (on Article)		↓ / ↓ / Ceiling	MM	ND	
" -42	Ceiling Tile, (12x12), white		↓ / ↓ / Ceiling	↓	↓	
" -43	Skim Coat, Plaster, white		↓ / Gun Storage / Wall	SM	↓	
" -44	Rough Coat, Plaster, grey		↓ / ↓ / ↓	↓	↓	
" -45	Skim Coat, Plaster, white		↓ / Coroner Bathroom / Wall	SM	↓	
" -46	Rough Coat, Plaster, grey		↓ / ↓ / ↓	↓	↓	
" -47	Skim Coat, Plaster, white		↓ / Coroner's Hall / Wall	SM	↓	
" -48	Rough Coat, Plaster, Light grey		↓ / ↓ / ↓	↓	↓	
" -49	Skim Coat, Plaster, white		Second Floor / Rm 236 / Wall	SM	↓	
" -50	Rough Coat, Plaster, grey		↓ / ↓ / ↓	↓	↓	
" -51	GB, Substrate for Plaster		↓ / ↓ / ↓	MM	↓	↓

Sample Abbreviations
VFT/M = Vinyl Floor Tile & Mastic
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Sampled by: Terry Clark	Received by: K. Mu[illegible] 7/15/13 @ 1000
Relinquished by: [signature]	Date/time

9130211471

Analysis: X Standard PLM ___ 400 Point Count ___ 1,000 Point Count Turnaround Time: <12-hr/1-day/2-days/3-days/>3 days	TERRY CLARK CONSULTING, L.L.C. 1636 Old Arcata Road Bayside, CA 95524 Ph: (707) 822-4058 Fax: (707) 826-0635 Cell #: (707) 616-9852 terryclarkLLC@suddenlink.net	Date: 7/15/13 Site: HCMH 720 Wood St Eureka, CA Proj.# 1300301

BULK ASBESTOS SAMPLING

Sample No.	Sample Description	Hom, Area	Location	Mat'l Type	Mat'l Cond.	Friable
HCMH-52	Skim Coat, Plaster, white		Second Floor / Rm. 235 / wall	SM	ND	NF
" -53	Rough Coat, Plaster, grey			↓	↓	↓
" -54	Paint, white			MM		
" -55	Rough Coat, grey, No Skim Coat			SM		
" -56	Skim Coat, Two Layers, white		/ Rm 234 / Bathroom wall	SM		
" -57	Rough Coat, Plaster, grey		↓	↓		
" -58	Paint, white		/ wall	MM		
" -59	Rough Coat, Plaster, grey		↓	SM		
" -60	Skim Coat, Plaster, white		/ Dining Room / wall	SM		
" -61	Rough Coat, Plaster, Light grey		↓	↓		
" -62	Adhesive, Baseboard, white		/ Baseboard	MM		
" -63	GB/JC		/ Kitchen / Ceiling wall			
" -64	↓			↓		
" -65	↓			↓		
" -66	Skim Coat / Plaster / with Texture / white		First Floor / Rm 49 / wall	SM	↓	↓

Sample Abbreviations
VFT/M = Vinyl Floor Tile & Mastic
SF = Sheet Flooring
GB/JC = Gypsum board/Joint Compound
CT = Ceiling Tile (glued or nailed)
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Material Type
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Potentially Significantly Damaged = PSD

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Sampled by: Terry Clark	Received by:	7/15/13 @ 1000
Relinquished by:	Date/time	

9130714 71

Analysis: X Standard PLM ___ 400 Point Count ___ 1,000 Point Count Turnaround Time: <12-hr/1-day/2-days/3-days/>3 days	TERRY CLARK CONSULTING, L.L.C. 1636 Old Arcata Road Bayside, CA 95524 Ph: (707) 822-4058 Fax: (707) 826-0635 Cell #: (707) 616-9852 terryclarkLLC@suddenlink.net	Date: 7/8/13 Site: HCMH 720 Wood ST EUREKA, CA Proj.# 1300301

BULK ASBESTOS SAMPLING

Sample No.	Sample Description	Hom, Area	Location	Mat'l Type	Mat'l Cond.	Friable
HCMH-67	SKIM COAT plaster, white		2ND FLOOR / RM. 4 restroom wall	SM	ND	NF
" -68	ROUGH COAT plaster, gray		" "	↓		
" -69	Baseboard adhesive, white		RM. 4, wall, on RFP	MM		
" -70	RFP adhesive, white		" "	MM		
" -71	SKIM COAT plaster, white		RM. 3, W. wall	SM		
" -72	ROUGH COAT plaster, gray		" " "			
" -73	SKIM COAT plaster white		SOUTH hall, So. wall			
" -74	ROUGH COAT Plaster, gray		" "	↓		
" -75	Baseboard adhesive, lt. gray		" " "	MM		
" -76	Plaster single coat, white		EAST hall, S.W. section	SM		↓
" -77	C.P. large pits white, (Type D)		EAST hall, drop ceil.	MM		F
" -78	" med. pits (Type E)		" " "	↓		F
" -79	" pinholes (Type F)		" " "	↓		F
" -80	ROUGH COAT plaster, gray		" above drop ceiling	SM		NF
" -81	spray-on INSULATION, gray		" ON CEIL. along W. side above drop ceil.	TSI	↓	F

Sample Abbreviations
VFT/M = Vinyl Floor Tile & Mastic
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Sampled by: Terry Clark	Received by:	7/15/13 10:50
Relinquished by:	Date/time	

9130714 71

Analysis: X Standard PLM ___ 400 Point Count ___ 1,000 Point Count Turnaround Time: <12-hr/1-day/2-days/3-days/>3 days	TERRY CLARK CONSULTING, L.L.C. 1636 Old Arcata Road Bayside, CA 95524 Ph: (707) 822-4058 Fax: (707) 826-0635 Cell #: (707) 616-9852 terryclarkLLC@suddenlink.net	Date: 7/12/13 Site: HCMH 720 Wood St Eureka, CA Proj.# # 1390301

BULK ASBESTOS SAMPLING

Sample No.	Sample Description	Hom, Area	Location	Mat'l Type	Mat'l Cond.	Friable
HCMH-92	" "		2nd Floor / " "	TSI	ND	~~F~~
" -93	Plaster skimcoat patch		/ along E. side of West Hall	SM		NF
" -94	skim coat plaster, white		/ West Hall W. wall			
" -95	rough coat plaster, white		/ " "			
" -96	skim coat plaster, white		/ " East "			
" -97	rough coat plaster, gray		/ " "			
" -98	GB/JC		/ N.W. 1st office, door	MM		
" -99	" / "		/ " " "	MM		
" -90	Concrete		/ South stairwell deck			
" -91	Concrete		Grd Floor / exterior at NW corner			

Sample Abbreviations
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Material Condition
Not Damaged = ND
Damaged = DG
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Potentially Significantly Damaged = PSD

* = Stop analysis for any layer at first positive, if >1%, where indicated.

Sampled by: Terry Clark	Received by: K. Martin 7/15/13 @ 1000
Relinquished by: Date/Time:	Date/time Date/Time:

Please do HCMH-40, RUSH TAT

9130711616

~~9120711471~~

Analysis: X Standard PLM ___ 400 Point Count ___ 1,000 Point Count Turnaround Time: <12-hr/1-day/2-days/3-days/>3 days	TERRY CLARK CONSULTING, L.L.C. 1636 Old Arcata Road Bayside, CA 95524 Ph: (707) 822-4058 Fax: (707) 826-0635 Cell #: (707) 616-9852 terryclarkLLC@suddenlink.net	Date: 7/15/13 Site: HCMH 720 Wood St EUREKA, CA Proj.# 130030(

RUSH

BULK ASBESTOS SAMPLING

Sample No.	Sample Description	Hom, Area	Location	Mat'l Type	Mat'l Cond.	Friable
HCMH-37	Paint, Beige		First Floor / Exterior	MM	ND	NF
a -38	Skim Coat, Plaster, white		Evidence Room / wall	SM		
a -39	Rough Coat, Plaster, grey					
HCMH-40	Panel adhesive, yel-brn		1st Evidence Floor, Room, wall	MM	ND	NF
a -41	Mastic, Brown					
a -42	Ceiling Tile, (12x12), white		Ceiling			
a -43	Skim Coat, Plaster, white		Storage / wall	SM		
a -44	Rough Coat, Plaster, grey					
a -45	Skim Coat, Plaster, white		Coroner Bathroom / wall	SM		
a -46	Rough Coat, Plaster, grey					
a -47	Skim Coat, Plaster, white		Coroner Hall / wall	SM		
a -48	Rough Coat, Plaster, light grey					
a -49	Skim Coat, Plaster, white		Second Floor / Rm 236 / wall	SM		
a -50	Rough Coat, Plaster, grey					
a -51	GB, Substrate for Plaster					

DONE

DONE

Sample Abbreviations
VFT/M = Vinyl Floor Tile & Mastic
SF = Sheet Flooring
GB/JC = Gypsum board/Joint Compound
CT = Ceiling Tile (glued or nailed)
CP = Ceiling Panel (t-grid or drop ceil.)

Material Type
Thermal System Insulation = TSI
Misc. Material = MM
Surfacing Material = SM

Material Condition
Not Damaged = ND
Damaged = DG
Significantly Damaged = SD
Potentially Significantly Damaged = PSD

* = Stop analysis for any layer at first positive, if >1%, where indicated.

Sampled by: Terry Clark	Received by: K. Murray 7/15/13 @1000
Relinquished by: Terry Clark	Date/time

K. Murray 7/18/13 @ 0955

9130717 25

Analysis: X Standard PLM ___ 400 Point Count ___ 1,000 Point Count Turnaround Time: <12-hr/1-day/2-days/3-days/>3 days RUSH	TERRY CLARK CONSULTING, L.L.C. 1636 Old Arcata Road Bayside, CA 95524 Ph: (707) 822-4058 Fax: (707) 826-0635 Cell #: (707) 616-9852 terryclarkLLC@suddenlink.net	Date: 7/18/13 Site: HC Mental Health 720 Wood St, Eureka, CA Proj.# 1300301

BULK ASBESTOS SAMPLING

Sample No.	Sample Description	Hom, Area	Location	Mat'l Type	Mat'l Cond.	Friable
HCMH-92	Rough Plaster, Mid-gray		2nd floor above drop ceil, NW Entry Hall	SM		
" -93	Plaster patching, white		" " "	↓		
" -94	" " "		" " "	↓		
" -95	Texture / GB/JC		" , NW RESTROOM	SM/MM		
" -96	" / " / "		" , " "	↓		
" -97	" / " / "		" " "	↓		
" -98	Glue, yellow-brown		" , on RCP panel NW restroom	↓		
	* Please lay to separate Texture from GB/JC					
-99	Sample(s) and do ONE Analysis of					
	Texture ONLY, number as -99 or					
	include as Layer w/ GB/JC sample					

Sample Abbreviations
VFT/M = Vinyl Floor Tile & Mastic
SF = Sheet Flooring
GB/JC = Gypsum board/Joint Compound
CT = Ceiling Tile (glued or nailed)
CP = Ceiling Panel (t-grid or drop ceil.)

Material Type
Thermal System Insulation = TSI
Misc. Material = MM
Surfacing Material = SM

Material Condition
Not Damaged = ND
Damaged = DG
Significantly Damaged – SD
Potentially Significantly Damaged = PSD

* = Stop analysis for any layer at first positive, if >1%, where indicated.

Sampled by: Terry Clark	Received by: K. M 7/20/13@1200
Relinquished by: M Clark Date/Time: 7/19/13	Date/time Date/Time:

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

Terry Clark Consulting, LLC
Attn: Terry Clark
1636 Old Arcata Road

Bayside, CA 95524

Date Received 06/17/13 **AmeriSci Job #** 913061462
Date Examined 06/19/13 **P.O. #**
Page 1 **of** 4
RE: 1300301; HCMH; 720 Wood St Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH - 1	913061462-01	*No*	NAD (by CVES) by Raymundo Orozco on 06/19/13
Location: Concrete / Exterior NW Entry, Plaster			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH - 2	913061462-02	*No*	NAD (by CVES) by Raymundo Orozco on 06/19/13
Location: Concrete W / Red Paint / Exterior, Step To Boiler Rm			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH - 3	913061462-03	*No*	NAD (by CVES) by Raymundo Orozco on 06/19/13
Location: Concrete W / Red Paint / Exterior Walk Way To Boiler Rm			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH - 4	913061462-04	*No*	NAD (by CVES) by Raymundo Orozco on 06/19/13
Location: Concrete W / Red Paint / Interior, Boiler Rm Ceiling			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH - 5	913061462-05	*No*	NAD (by CVES) by Raymundo Orozco on 06/19/13
Location: Skim Coat / Plaster White / Rm 27 W. Wall			
Analyst Description: White/Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1300301; HCMH; 720 Wood St Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH - 6	913061462-06	*No*	NAD (by CVES) by Raymundo Orozco on 06/19/13
Location: Skim Coat / Plaster White / Rm 32 N. Wall			
Analyst Description: White/Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH - 7	913061462-07	*No*	NAD (by CVES) by Raymundo Orozco on 06/19/13
Location: Skim Coat / Plaster White / Rm 24 W. Wall			
Analyst Description: White/Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH - 8	913061462-08	*No*	NAD (by CVES) by Raymundo Orozco on 06/19/13
Location: Skim Coat / Plaster White / W. Wall			
Analyst Description: White/Grey, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH - 9	913061462-09	*No*	NAD (by CVES) by Raymundo Orozco on 06/19/13
Location: Rough Coat Plaster / Lt Gray / Rm 27 W. Wall			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH - 10	913061462-10	*No*	NAD (by CVES) by Raymundo Orozco on 06/19/13
Location: Rough Coat Plaster / Lt Gray / Rm 32 N.Wall			
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH - 11	913061462-11	*No*	NAD (by CVES) by Raymundo Orozco on 06/19/13
Location: Rough Coat Plaster / Lt Gray / Rm 24 N. Wall			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1300301; HCMH; 720 Wood St Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH - 12	913061462-12	*No*	NAD (by CVES) by Raymundo Orozco on 06/19/13
Location: Rough Coat Plaster / Lt Gray / West Wall			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH - 13	913061462-13	*No*	NAD (by CVES) by Raymundo Orozco on 06/19/13
Location: Ceiling Panel / Type A / West Drop Ceiling / Hall Grid			
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 65 %, Fibrous glass 5 %, Non-fibrous 30 %			
HCMH - 14	913061462-14	*No*	NAD (by CVES) by Raymundo Orozco on 06/19/13
Location: Ceiling Panel / Type B / West Drop Ceiling / Hall Grid			
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 65 %, Fibrous glass 5 %, Non-fibrous 30 %			
HCMH - 15	913061462-15	*No*	NAD (by CVES) by Raymundo Orozco on 06/19/13
Location: Ceiling Panel / Type C / West Drop Ceiling / Hall Grid			
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 65 %, Fibrous glass 5 %, Non-fibrous 30 %			
HCMH - 16	913061462-16	*No*	NAD (by CVES) by Raymundo Orozco on 06/19/13
Location: Duct White Fabric Tape, W / White Comp. / West HVAC Ducts Hall / Above Drop Ceil.			
Analyst Description: Beige, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 90 %, Non-fibrous 10 %			
HCMH - 17	913061462-17	*No*	NAD (by CVES) by Raymundo Orozco on 06/19/13
Location: Duct White Fabric Tape, W / White Comp. / West HVAC Ducts Hall / Above Drop Ceil.			
Analyst Description: Beige, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 90 %, Non-fibrous 10 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1300301; HCMH; 720 Wood St Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH - 18	913061462-18	*Yes*	2 % (by CVES) by Raymundo Orozco on 06/19/13
Location: Spray On Insulation, Grey / Brown / West Hall On Ducts / Wall E. Side Above Drop			
Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile 2.0 %			
Other Material: Non-fibrous 98 %			
HCMH - 19	913061462-19	*Yes*	2 % (by CVES) by Raymundo Orozco on 06/19/13
Location: Spray On Insulation, Grey / Brown / West Hall On Ducts / Wall E. Side Above Drop			
Analyst Description: Beige, Homogeneous, Fibrous, Bulk Material			
Asbestos Types: Chrysotile 2.0 %			
Other Material: Non-fibrous 98 %			
HCMH - 20	913061462-20	*Yes*	2 % (by CVES) by Raymundo Orozco on 06/19/13
Location: Spray On Insulation, Grey / Brown / West Hall On Ducts / Wall E. Side Above Drop			
Analyst Description: Beige, Homogeneous, Fibrous, Bulk Material			
Asbestos Types: Chrysotile 2.0 %			
Other Material: Non-fibrous 98 %			
HCMH - 21	913061462-21	*Yes*	2 % (by CVES) by Raymundo Orozco on 06/19/13
Location: Spray On Insulation, Grey / Brown / West Hall On Ducts / Wall E. Side Above Drop			
Analyst Description: Beige, Homogeneous, Fibrous, Bulk Material			
Asbestos Types: Chrysotile 2.0 %			
Other Material: Non-fibrous 98 %			

Reporting Notes:

Analyzed By: Raymundo Orozco _____; Date Analyzed: 6/19/2013 6/19/13

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: _____ 6/19/13

AMERI SCI

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24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

Terry Clark Consulting, LLC
Attn: Terry Clark
1636 Old Arcata Road

Bayside, CA 95524

Date Received 07/15/13 **AmeriSci Job #** 913071471
Date Examined 07/16/13 **P.O. #**
Page 1 **of** 13
RE: 1300301; HCMH 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-22	913071471-01	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Concrete / First Floor / Maintenance Rm			
Analyst Description: Beige/Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-23	913071471-02	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Patch Material White / First Floor / Janitor Rm			
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-24	913071471-03	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Skim Coat, Plaster, White / First Floor / Janitor Rm / Ceiling			
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-25	913071471-04	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat / Plaster / Grey / First Floor / Maintenance Room			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-26	913071471-05	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Adhesive / Baseboard / Brown Brittle / First Floor / Maintenance Room			
Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1300301; HCMH 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-27	913071471-06	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Skim Coat / Plaster / White / First Floor / Maintenance Room			
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-28	913071471-07	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat / Plaster / Grey / First Floor / Maintenance Room			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-29	913071471-08	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Skim Coat / Plaster / White Texture / White / First Floor / Rm 49 / Wall			
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-30	913071471-09	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Skim Coat / Plaster / White Texture / White / First Floor / Rm 49 / Wall			
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-31	913071471-10	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat / Plaster / Light Grey / First Floor / Rm 49 / Wall			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-32	913071471-11	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat / Plaster / Grey / First Floor / Rm 49 / Wall			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1300301; HCMH 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-33	913071471-12	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat / Plaster / Grey / First Floor / Rm 49 / Wall			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-34	913071471-13	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Skim Coat / Plaster / With Texture / With Paint / First Floor / Rm 49 / Ceiling			
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-35	913071471-14	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat / Plaster / Light Grey / First Floor / Rm 49 / Ceiling			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-36	913071471-15	***Yes***	Trace (<1 %) (by CVES) by Miguel Orozco on 07/16/13
Location: Paint, Beige / First Floor / Exterior			
Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile <1. % **Other Material:** Non-fibrous 100 %			
HCMH-37	913071471-16	***Yes***	Trace (<1 %) (by CVES) by Miguel Orozco on 07/16/13
Location: Paint, Beige / First Floor / Exterior			
Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile <1. % **Other Material:** Non-fibrous 100 %			
HCMH-38	913071471-17	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Skim Coat, Plaster, White / First Floor / Evidence Room / Wall			
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

See #40 on another report

PLM Bulk Asbestos Report

1300301; HCMH 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-39	913071471-18	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat, Plaster, Grey / First Floor / Evidence Room / Wall			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-41	913071471-19	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Mastic, Brown / First Floor / Evidence Room / Ceiling			
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-42	913071471-20	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Ceiling Tile, (12x12), White / First Floor / Evidence Room / Ceiling			
Analyst Description: White/Yellow, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 98 %, Non-fibrous 2 %			
HCMH-43	913071471-21	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Skim Coat, Plaster, White / First Floor / Gun Storage / Wall			
Analyst Description: Yellow/White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-44	913071471-22	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat, Plaster, Grey / First Floor / Gun Storage / Wall			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-45	913071471-23	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Skim Coat, Plaster, White / First Floor Coroner Bathroom / Wall			
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

AmeriSci Los Angeles
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Carson, California 90745
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PLM Bulk Asbestos Report

Terry Clark Consulting, LLC
Attn: Terry Clark
1636 Old Arcata Road

Bayside, CA 95524

Date Received 07/18/13 **AmeriSci Job #** 913071616
Date Examined 07/18/13 **P.O. #**
Page 1 **of** 1
RE: 1300301; HCMH 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CHMH-40	913071616-01	***No***	NAD (by CVES) by Raymundo Orozco on 07/18/13

Location: Panel Adhesive, Yel-Brn / 1st Floor, Evidence Room Wall

Analyst Description: Beige, Homogeneous, Non-Fibrous, Cementitious, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100 %

Reporting Notes:
Analyzed By: Raymundo Orozco ; Date Analyzed: 7/18/2013 7/18/13
*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.
Reviewed By: 7/18/13

PLM Bulk Asbestos Report

1300301; HCMH 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-46	913071471-24	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat, Plaster, Grey / First Floor / Coroner Bathroom / Wall			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-47	913071471-25	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Skim Coat, Plaster, White / First Floor / Coroner's Hall / Wall			
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-48	913071471-26	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat, Plaster, Light Grey / First Floor / Coroner's Hall / Wall			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-49	913071471-27	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Skim Coat, Plaster, White / Second Floor / Rm 236 / Wall			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-50	913071471-28	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat, Plaster, Grey / Second Floor / Rm 236 / Wall			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-51	913071471-29	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: GB, Substrate For Plaster / Second Floor / Rm 236 / Wall			
Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 10 %, Non-fibrous 90 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1300301; HCMH 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-52	913071471-30	*Yes*	Trace (<1 %) (by CVES) by Miguel Orozco on 07/16/13
Location: Skim Coat, Plaster, Whtie / Second Floor / rm 235 / Wall			
Analyst Description: Multi-Colored, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types: Chrysotile <1. %			
Other Material: Non-fibrous 100 %			
HCMH-53	913071471-31	*Yes*	Trace (<1 %) (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat, Plaster, Grey / Second Floor / Rm 235 / Wall			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types: Chrysotile <1. %			
Other Material: Non-fibrous 100 %			
HCMH-54	913071471-32	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Paint, White / Second Floor / Rm 235 / Wall			
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-55	913071471-33	*Yes*	Trace (<1 %) (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat, Grey, No Skim Coat / Second Floor / Rm 235 / Wall			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types: Chrysotile <1. %			
Other Material: Non-fibrous 100 %			
HCMH-56	913071471-34	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Skim Coat, Two Layers, White / Second Floor / Rm 234 / Bathroom Wall			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-57	913071471-35	*Yes*	Trace (<1 %) (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat, Plaster, Grey / Second Floor / Rm 234 / Bathroom Wall			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types: Chrysotile <1. %			
Other Material: Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1300301; HCMH 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-58	913071471-36	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Paint, White / Second Floor / Rm 234 / Wall			
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-59	913071471-37	*Yes*	Trace (<1 %) (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat, Plaster, Grey / Second Floor / Rm 234 / Wall			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** Chrysotile <1. % **Other Material:** Non-fibrous 100 %			
HCMH-60	913071471-38	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Skim Coat, Plaster, White / Second Floor / Dining Room / Wall			
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-61	913071471-39	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat, Plaster, Light Grey / Second Floor / Dining Room / Wall			
Analyst Description: Grey/White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-62	913071471-40	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Adhesive, Baseboard, White / Second Floor / Dining Room / Baseboard			
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-63	913071471-41.1	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: GB/JC/ Second Floor / Kitchen / Ceiling And Wall			
Analyst Description: Brown/White, Heterogeneous, Fibrous, Drywall **Asbestos Types:** **Other Material:** Cellulose 10 %, Non-fibrous 90 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1300301; HCMH 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-63	913071471-41.2	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: GB/JC/ Second Floor / Kitchen / Ceiling And Wall		
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-64	913071471-42.1	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: GB/JC/ Second Floor / Kitchen / Ceiling And Wall		
Analyst Description: Brown/White, Heterogeneous, Fibrous, Drywall			
Asbestos Types:			
Other Material: Cellulose 10 %, Non-fibrous 90 %			
HCMH-64	913071471-42.2	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: GB/JC/ Second Floor / Kitchen / Ceiling And Wall		
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-65	913071471-43.1	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: GB/JC/ Second Floor / Kitchen / Ceiling And Wall		
Analyst Description: Brown/White, Heterogeneous, Fibrous, Drywall			
Asbestos Types:			
Other Material: Cellulose 15 %, Non-fibrous 85 %			
HCMH-65	913071471-43.2	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: GB/JC/ Second Floor / Kitchen / Ceiling And Wall		
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-66	913071471-44	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: Skim Coat / Plaster / With Texture / White / First Floor / Rm 49 / Wall		
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1300301; HCMH 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-67	913071471-45	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Skim Coat Plaster, White / 2nd Floor / Rm 4 Restroom Wall			
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-68	913071471-46	*Yes*	Trace (<1 %) (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat Plaster, Grey / 2nd Floor / Rm. 4 Restroom Wall			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Mastic **Asbestos Types:** Chrysotile <1. % **Other Material:** Non-fibrous 100 %			
HCMH-69	913071471-47	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Baseboard Adhesive, White / 2nd Floor / Rm 4 Wall On RFP			
Analyst Description: Cream, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-70	913071471-48	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: RFP Adhesive, White / 2nd Floor, Rm 4 Wall, On RFP			
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-71	913071471-49	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Skim Coat Plaster, White / 2nd Floor, Rm 3 W. Wall			
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-72	913071471-50	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat Plaster, Gray / 2nd Floor / Rm 3 W. Wall			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1300301; HCMH 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-73	913071471-51	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Skim Coat Plaster, White / 2nd Floor / South Hall, So. Wall			
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-74	913071471-52	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Rough Coat Plaster, Gray / 2nd Floor / South Hall, So. Wall			
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-75	913071471-53	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Baseboard Adhesive, Lt. Gray / 2nd Floor / South Hall, So. Wall			
Analyst Description: Cream, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-76	913071471-54	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: Plaster Single Coat, White / 2nd Floor, East Hall, SW Section			
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-77	913071471-55	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: C.P. White, Large Pits (Type D) / 2nd Floor / East Hall, Drop Ceil.			
Analyst Description: Grey/White, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 60 %, Non-fibrous 40 %			
HCMH-78	913071471-56	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
Location: C.P. White, Med. Pits (Type E) / 2nd Floor / East Hall, Drop Ceil.			
Analyst Description: Grey/White, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 60 %, Fibrous glass 40 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1300301; HCMH 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-79	913071471-57	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: C.P. White, Fissures (Type F) / 2nd Floor / East Hall, Drop Ceil.		
	Analyst Description: Grey/White, Heterogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 60 %, Non-fibrous 40 %		
HCMH-80	913071471-58	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: Rough Coat Plaster, Gray / 2nd Floor / East Hall, Above Drop Ceiling		
	Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
HCMH-81	913071471-59	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: Spray - On Insulation. Gray / 2nd Floor / On Ceil. Along W. Side Above Drop Ceil.		
	Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 5 %, Non-fibrous 95 %		
HCMH-82	913071471-60	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: Spray - On Insulation. Gray / 2nd Floor / On Ceil. Along W. Side Above Drop Ceil.		
	Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 5 %, Non-fibrous 95 %		
HCMH-83	913071471-61	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: Plaster Patch S. Yellowish / 2nd Floor / Alone E. Side Of West Hall		
	Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 5 %, Non-fibrous 95 %		
HCMH-84	913071471-62	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: Skim Coat Plaster, White / 2nd Floor / West Hall W. Wall		
	Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		

See Reporting notes on last page

PLM Bulk Asbestos Report

1300301; HCMH 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-85	913071471-63	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: Rough Coat Plaster, White / 2nd Floor / West Hall W. Wall		
	Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
HCMH-86	913071471-64	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: Skim Coat Plaster, White / 2nd Floor / West Hall, East Wall		
	Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
HCMH-87	913071471-65	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: Rough Coat Plaster, Gray / 2nd Floor / West Hall W. Wall		
	Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
HCMH-88	913071471-66	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: GB/JC / 2nd Floor / NW Office, At Door		
	Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 15 %, Non-fibrous 85 %		
HCMH-89	913071471-67	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: GB/JC / 2nd Floor / NW Office, At Door		
	Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 15 %, Non-fibrous 85 %		
HCMH-90	913071471-68	*No*	NAD (by CVES) by Miguel Orozco on 07/16/13
	Location: Concrete / 2nd Floor / South Stairwell Deck		
	Analyst Description: Green/Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		

See Reporting notes on last page

PLM Bulk Asbestos Report

1300301; HCMH 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-91	913071471-69	***No***	NAD (by CVES) by Miguel Orozco on 07/16/13

Location: Concrete / Grn Floor / Exterior At NW Corner

Wood

Analyst Description: Beige/Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material

Asbestos Types:

Other Material: Non-fibrous 100 %

Reporting Notes:

Analyzed By: Miguel Orozco _____; Date Analyzed: 7/16/2013 7/16/13

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: _____ 07/17/2013

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

Terry Clark Consulting, LLC
Attn: Terry Clark
1636 Old Arcata Road

Bayside, CA 95524

Date Received 07/20/13 **AmeriSci Job #** 913071725
Date Examined 07/20/13 **P.O. #**
Page 1 **of** 3
RE: 1300301; HC Mental Health; 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-92	913071725-01	*No*	NAD (by CVES) by Raymundo Orozco on 07/20/13
Location: Rough Plaster, Mid. Gray / 2nd Floor, Above Drop Ceil. NW Entry Hall			
Analyst Description: Beige, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-93	913071725-02	*No*	NAD (by CVES) by Raymundo Orozco on 07/20/13
Location: Plaster Patching, White / 2nd Floor, Above Drop Ceil. NW Entry Hall			
Analyst Description: Beige, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-94	913071725-03	*No*	NAD (by CVES) by Raymundo Orozco on 07/20/13
Location: Plaster Patching, White / 2nd Floor, Above Drop Ceil. NW Entry Hall			
Analyst Description: Beige, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-95	913071725-04.1	*No*	NAD (by CVES) by Raymundo Orozco on 07/20/13
Location: Texture / GB / JC / 2nd Floor, NW Restroom			
Analyst Description: Beige/Brown, Homogeneous, Fibrous, Cementitious, Drywall			
Asbestos Types:			
Other Material: Cellulose 10 %, Non-fibrous 90 %			
HCMH-95	913071725-04.2	*No*	NAD (by CVES) by Raymundo Orozco on 07/20/13
Location: Texture / GB / JC / 2nd Floor, NW Restroom			
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

1300301; HC Mental Health; 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-97	913071725-06.3	*No*	NAD (by CVES) by Raymundo Orozco on 07/20/13
Location: Texture / GB / JC / 2nd Floor, NW Restroom			
Analyst Description: White, Homogeneous, Non-Fibrous, Texture Coat			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-98	913071725-07.1	*No*	NAD (by CVES) by Raymundo Orozco on 07/20/13
Location: Glue, Yellow - Brown / 2nd Floor, On RFP Panel NW Restroom			
Analyst Description: Beige/Brown, Homogeneous, Fibrous, Drywall			
Asbestos Types:			
Other Material: Cellulose 10 %, Non-fibrous 90 %			
HCMH-98	913071725-07.2	*No*	NAD (by CVES) by Raymundo Orozco on 07/20/13
Location: Glue, Yellow - Brown / 2nd Floor, On RFP Panel NW Restroom			
Analyst Description: Beige, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
HCMH-98	913071725-07.3	*No*	NAD (by CVES) by Raymundo Orozco on 07/20/13
Location: Glue, Yellow - Brown / 2nd Floor, On RFP Panel NW Restroom			
Analyst Description: White, Homogeneous, Non-Fibrous, Texture Coat			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Reporting Notes:

Analyzed By: Raymundo Orozco _____; Date Analyzed: 7/20/2013 7/20/13

*NAD = no asbestos detected; Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40. CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: _____ 7/20/13

PLM Bulk Asbestos Report

1300301; HC Mental Health; 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-95	913071725-04.3	*No*	NAD (by CVES) by Raymundo Orozco on 07/20/13
	Location: Texture / GB / JC / 2nd Floor, NW Restroom		
Analyst Description: White, Homogeneous, Non-Fibrous, Texture Coat **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-96	913071725-05.1	*No*	NAD (by CVES) by Raymundo Orozco on 07/20/13
	Location: Texture / GB / JC / 2nd Floor, NW Restroom		
Analyst Description: Beige/Brown, Homogeneous, Fibrous, Drywall **Asbestos Types:** **Other Material:** Cellulose 10 %, Non-fibrous 90 %			
HCMH-96	913071725-05.2	*No*	NAD (by CVES) by Raymundo Orozco on 07/20/13
	Location: Texture / GB / JC / 2nd Floor, NW Restroom		
Analyst Description: Beige, Homogeneous, Non-Fibrous, Joint Compound **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-96	913071725-05.3	*No*	NAD (by CVES) by Raymundo Orozco on 07/20/13
	Location: Texture / GB / JC / 2nd Floor, NW Restroom		
Analyst Description: White, Homogeneous, Non-Fibrous, Texture Coat **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HCMH-97	913071725-06.1	*No*	NAD (by CVES) by Raymundo Orozco on 07/20/13
	Location: Texture / GB / JC / 2nd Floor, NW Restroom		
Analyst Description: Beige/Brown, Homogeneous, Fibrous, Drywall **Asbestos Types:** **Other Material:** Cellulose 10 %, Non-fibrous 90 %			
HCMH-97	913071725-06.2	*No*	NAD (by CVES) by Raymundo Orozco on 07/20/13
	Location: Texture / GB / JC / 2nd Floor, NW Restroom		
Analyst Description: Beige, Homogeneous, Non-Fibrous, Joint Compound **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

AMERI SCI

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

Terry Clark Consulting, LLC
Attn: Terry Clark
1636 Old Arcata Road

Bayside, CA 95524

Date Received 06/19/13 **AmeriSci Job #** 913061540
Date Examined 06/22/13 **P.O. #**
Page 1 **of** 1
RE: 1300301; HCMH; 720 Wood St Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH - 18	913061540-01	*Yes*	0.3 % pc [1] (by 400 pt ct) by Paola Ducoing on 06/22/13

Location: Spray On Insulation, Grey / Brown / West Hall On Ducts / Wall E. Side Above Drop

Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types: Chrysotile 0.3 %
Other Material: Non-Asbestos/Inert 55.1 %
Comment: Heat Sensitive (organic): 13.9%; Acid Soluble (inorganic): 30.7%; Inert (Non-asbestos): 55.1%

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH - 21	913061540-02	*Yes*	0.3 % pc [1] (by 400 pt ct) by Paola Ducoing on 06/22/13

Location: Spray On Insulation, Grey / Brown / West Hall On Ducts / Wall E. Side Above Drop

Analyst Description: Beige, Homogeneous, Fibrous, Bulk Material
Asbestos Types: Chrysotile 0.3 %
Other Material: Non-Asbestos/Inert 53.5 %
Comment: Heat Sensitive (organic): 13.8%; Acid Soluble (inorganic): 32.3%; Inert (Non-asbestos): 53.5%

400 Point Counts Spray-on Insulation

400 Point Counts

Reporting Notes:

(1) EPA 400 Point Count Analysis performed on Inert Residue remaining after 480C heat and HCl acid treatments

Analyzed By: Paola Ducoing ; Date Analyzed: 6/22/2013 6/22/13

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: 6/22/13

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PLM Bulk Asbestos Report

Terry Clark Consulting, LLC
Attn: Terry Clark
1636 Old Arcata Road

Bayside, CA 95524

Date Received 07/19/13 **AmeriSci Job #** 913071701
Date Examined 07/20/13 **P.O. #**
Page 1 **of** 1
RE: 1300301; HCMH 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-36	913071701-01	*Yes*	0.3 % pc [1] (by 400 pt ct) by Raymundo Orozco on 07/20/13

Location: Paint, Beige / First Floor / Exterior

Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types: Chrysotile 0.3 %
Other Material: Non-fibrous 41.7 %
Comment: Heat Sensitive (organic): 26.0%; Acid Soluble (inorganic): 32.0%; Inert (Non-asbestos): 41.7%

400 Pt. Count
- Paint
HCMH-36

Reporting Notes:

(1) EPA 400 Point Count Analysis performed on Inert Residue remaining after 480C heat and HCl acid treatments

Analyzed By: Raymundo Orozco _____; Date Analyzed: 7/20/2013 7/20/13

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: _____ 7/20/13

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

Terry Clark Consulting, LLC
Attn: Terry Clark
1636 Old Arcata Road

Bayside, CA 95524

Date Received 07/19/13 **AmeriSci Job #** 913071702
Date Examined 07/20/13 **P.O. #**
Page 1 **of** 2
RE: 1300301; HCMH 720 Wood St. Eureka, CA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HCMH-52	913071702-01	*Yes*	Trace (<0.25 % pc) [1] (by 400 pt ct) by Raymundo Orozco on 07/20/13

Location: Skim Coat, Plaster, Whtie / Second Floor / rm 235 / Wall

Analyst Description: White/Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material
Asbestos Types: Chrysotile <0.25 % pc
Other Material: Non-fibrous 37.3 %
Comment: Heat Sensitive (organic): 12.7%; Acid Soluble (inorganic): 50.0%; Inert (Non-asbestos): 37.3%

HCMH-53	913071702-02	*Yes*	Trace (<0.25 % pc) [1] (by 400 pt ct) by Raymundo Orozco on 07/20/13

Location: Rough Coat, Plaster, Grey / Second Floor / Rm 235 / Wall

Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material
Asbestos Types: Chrysotile <0.25 % pc
Other Material: Non-fibrous 75.2 %
Comment: Heat Sensitive (organic): 3.4%; Acid Soluble (inorganic): 21.4%; Inert (Non-asbestos): 75.2%

HCMH-59	913071702-03	*Yes*	Trace (<0.25 % pc) [1] (by 400 pt ct) by Raymundo Orozco on 07/20/13

Location: Rough Coat, Plaster, Grey / Second Floor / Rm 234 / Wall

Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material
Asbestos Types: Chrysotile <0.25 % pc
Other Material: Non-fibrous 68.6 %
Comment: Heat Sensitive (organic): 3.3%; Acid Soluble (inorganic): 28.2%; Inert (Non-asbestos): 68.6%

HCMH-68	913071702-04	*Yes*	0.6 % pc [1] (by 400 pt ct) by Raymundo Orozco on 07/20/13

Location: Rough Coat Plaster, Grey / 2nd Floor / Rm. 4 Restroom Wall

Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Mastic
Asbestos Types: Chrysotile 0.6 %
Other Material: Non-fibrous 74.8 %
Comment: Heat Sensitive (organic): 2.9%; Acid Soluble (inorganic): 21.7%; Inert (Non-asbestos): 74.8%

400 Point Counts
Rough Coat Plaster
4 Samples

See Reporting notes on last page

PLM Bulk Asbestos Report

1300301; HCMH 720 Wood St. Eureka, CA

Reporting Notes:

(1) EPA 400 Point Count Analysis performed on Inert Residue remaining after 480C heat and HCl acid treatments
Analyzed By: Raymundo Orozco _____; Date Analyzed: 7/20/2013 7/20/13
*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.
Reviewed By: _____ 7/20/13

APPENDIX C
NESHAP Notification Form

ASBESTOS * * * NESHAP

Humboldt *Del Norte* *Trinity*

North Coast Unified Air Quality Management District
2300 Myrtle Ave.
Eureka, CA 95501
Phone: (707) 443-3093
Fax: (707) 443-3099

What is the North Coast Unified Air Quality Management District?

The North Coast Unified Air Quality Management District (District) is a government agency responsible for regulating air pollution in the counties of Humboldt, Del Norte, and Trinity.

Why is asbestos regulated?

Asbestos is a listed as a hazardous air pollutant that is known to cause variety of health concerns, including asbestosis, which is scarring of lung tissues, mesothelioma, which is a cancer of the thin tissue layer protecting internal organs, and lung cancer.

What is the asbestos regulation?

The National Emissions Standards for Hazardous Air Pollutants (NESHAP) for asbestos applies to renovations and demolitions of commercial, industrial, or institutional structures, and residential properties with four or more dwelling units. A ***demolition*** is defined as the removal of load supporting structural members of a facility. A ***renovation*** is defined as altering a facility or any of its associated components in any way. Stripping or removing regulated asbestos containing material is considered renovation for the purposes of the Asbestos NESHAP.

How do I know if asbestos is present?

Prior to *conducting a demolition or a renovation, the structure must be surveyed* by a certified and licensed asbestos consultant (CAC) for presence of asbestos materials. Failure to survey a project prior to working is a violation of Federal law. The AQMD does not conduct surveys. Suspect materials are typically floor tiles, mastics, siding or wallboards, textured coatings, insulation, roofing materials, and spray on ceilings.

Where can I get a sample analyzed?

Any materials that are suspect should be sent to an EPA certified lab for analysis. Speak with your CAC or contact the District office for a current list of certified labs.

How do I get clearance to remove the asbestos?

Only state contractors certified to remove asbestos are permitted to do this type of work. Notifying the District in writing is required at least ***10 working days prior*** to the start date of the removal project. Once the District receives a completed notification form and associated fee(s), they will be provided with a letter acknowledging receipt.

What information must I include on the notification form?

The owner operator or designee must fill out the notification form *COMPLETELY*! Incomplete forms will not be processed. Starting a project without completed notification to the District constitutes a violation of the Asbestos NESHAP. If any of the 18 information items on the notification form do not apply to your project, simply write ***N/A*** in the space provided for that item.

What is the notification fee?

The notification fee is $200 for all projects. For fee considerations, asbestos removal is viewed as a separate and individual project from Demolition or Renovation activities. For single location projects where asbestos removal and demolition / renovation takes place, two separate fees totaling $400 are required; however, the projects can be reported on the same notification form.

Can a structure be demolished by intentional burning?

Intentional burning of structures is considered a demolition and is allowed ONLY for fire training purposes conducted by a fire department. The structure must be completely free of ALL asbestos containing material prior to burning and notification must be provided to the District office 10 working days in advance of the burn date. Please remember that notifications are required for ***ALL DEMOLITIONS*** of commercial, institutional, or industrial structures, and residences having greater than four dwelling units on the property. This must be done ***10 WORKING DAYS*** prior to the start date - ***EVEN IF THERE IS NO ASBESTOS PRESENT.***

Can I Remove asbestos from my residence?

Yes, you may remove asbestos yourself if you are the owner. If you hire someone to do the work for you, they must be a licensed asbestos removal contractor. If you do the work yourself, be sure to keep the asbestos material from becoming friable (crumbling) by keeping it wet. Typically, friable and non-friable asbestos waste may not be disposed of at your local transfer station or landfill. Check with the Waste Management Authority requirements in your area prior to disposal.

What can happen if I don't follow these requirements?

According to the California Health & Safety Code and the Federal Clean Air Act, violators could be subject to notices of violation and maximum penalties of up to **$50,000/day** for failure to follow the regulation(s).

Where can I get additional information?

Please call the local Air Quality Management District Office at 707-443-3093 for notification forms, or for further information on these requirements or check the NCUAQMD web site for forms and additional information - www.ncuaqmd.org .

NCUAQMD requirements for completing the application form;

"NOTIFICATION OF DEMOLITION OR RENOVATION SUBJECT TO NESHAP's"

- First and foremost; **ALL** eighteen (18) boxes requiring information **MUST** be acknowledged with an answer.
- This means if the box request information that does not apply to your specific project, you must respond with a Not Applicable (N/A).
- The application must be typed, or completed in ink.
- Be sure in item ten (**X**), to describe & explain the type and scope of construction methods to be used on the entire project. Add addendum sheets if necessary.
- Be sure in item eleven (**XI**), to attach a thorough and complete plan which describes & explains the exact work practices and control strategies to be utilized to prevent asbestos emissions. Add addendum sheets if necessary.
- The application must be signed by the responsible party(ies).
- If this is a DEMOLITION Project, the application **MUST** be accompanied by a valid asbestos survey for the project.
- If this is a DEMOLITION Project, you **MUST** have a Certified Asbestos Consultant (CAC) perform the survey and assist and guide you through the NESHAP aspects of the project.
- If this is a Commercial RENOVATION Project, you should have a Certified Asbestos Consultant (CAC) assist and guide you through the NESHAP determinations for the project.
- If your CAC is unable to answer your question(s), please call 707.443.3093 to make an appointment to speak with Inspector, Eric Bruckner.

ASBESTOS DEMOLITION AND RENOVATION NOTIFICATION FORM GENERAL INFORMATION

The Asbestos NESHAP, 40 CFR Part 61, Subpart M, requires written notification of demolition or renovation operations under Section 61.145. This form may be used to fulfill this requirement. Only complete notification forms are acceptable. Incomplete notification may result in enforcement action.

This notification should be typewritten and postmarked or delivered no later than ten days prior to the beginning of the asbestos removal activity (dates specified in Section VIII) or demolition (dates specified in Section IX). Please submit the form, along with the appropriate fee, to:

NORTH COAST UNIFIED AQMD
2300 MYRTLE AVENUE
EUREKA, CA 95501

INSTRUCTIONS

I. Type of Notification: Enter "O" if the notification is a first time or original notification, "R" if the notification is a revision of a prior notification, or "C" if the activity has been cancelled.

II. Facility Information: Enter the names, addresses, contact persons and telephone numbers of the following:
Owner: Legal owner of the site at which asbestos is being removed or demolition planned
Asbestos Removal Contractor: Certified asbestos contractor hired to remove asbestos (include DOSH registration #)
Other Demolition or Renovation Operator: Demolition contractor, general contractor, or other person who leases, operates, controls, or supervises the site (fire dept if training burn).

III. Type of Operation: Enter "D" for facility demolition, "R" for facility renovation, "O" for ordered demolition, or "E" for emergency renovation. Fire training burns are considered facility demolitions ("D").

IV. Is Asbestos Present?: Answer "yes" or "no" regardless of the amount of asbestos present.

V. Facility Description: Provide detailed information on the areas being renovated or demolished. If applicable, provide the floor numbers and room numbers where renovations are to be conducted.
Site Location: Provide information needed to locate site in event that the address alone is inadequate.
Building Size: Provide in square meters or square feet.
No. of Floors: Enter the number of floors including basement or ground floors.
Age in Years: Enter approximate age of the facility.
Present Use / Prior Use: Describe the primary use of the facility or enter the following codes: H - hospital; S - school; P - public building; O - office; I - industrial; U - university or college; B - ship; C - commercial; or R - residential.

VI. Asbestos Detection Procedure: Describe methods and procedures used to determine whether asbestos is present at the site, including a description of the analytical methods employed. **Building inspections must be performed by an AHERA-accredited Building Inspector** (40 CFR 763, Subpart E, App. C). Include copy of current accreditation. If an inspection report has been prepared by a consultant for the facility please include a copy with the notification.

VII. Approximate Amount of Asbestos, Including: (1) Regulated asbestos containing material (RACM) to be removed (including nonfriable ACM to be sanded, ground, or abraded); (2) Category I ACM not removed ; and (3) Category II ACM not removed. For both removals and demolition, enter the amount of RACM to be removed by entering a number in the appropriate box and an "X" for the unit. For demolition only, enter the amount of Category I and II nonfriable asbestos not to be removed in the appropriate boxes. Category I nonfriable material includes packing, gasket, resilient floor covering, and asphalt roofing materials containing more than one percent asbestos. Category II nonfriable material includes any material, excluding Category I products, containing more than one percent asbestos, that when dry, cannot be crumbled, pulverized, or reduced to powder. Facilities to be used for fire training purposes must have all materials containing more than one percent asbestos removed.

VIII. Scheduled Dates of Asbestos Removal: Enter scheduled dates (month/day/year) for asbestos removal work. Asbestos removal work includes any activity, including site preparation, which may break up, dislodge, or disturb asbestos material. **These dates must be accurate.** Asbestos removal work occurring prior to the start date or after the end date is a violation and could result in substantial enforcement action. If these dates change, notify the District immediately, by submitting a revision request form.

IX. Scheduled Dates of Demo/Renovation: Enter scheduled dates (month/day/year) for beginning and ending of the planned demolition or renovation. For fire training burns this is the time period when the actual fire training burn will take place. **These dates must be accurate.** Demolition or renovation activity occurring prior to the start date or after the end date is a violation and could result in substantial enforcement action. If these dates change, notify the District immediately, by submitting a revision request form.

X. Description of Planned Demolition or Renovation Work, and Method(s) to be Used: Include here a description of the overall work being done and the techniques being used. A work plan can be attached to address this item.

XI. Description of Engineering Controls and Work Practices to be Used to Control Emissions of Asbestos at the Demolition or Renovation Site: Describe the work practices and engineering controls selected to ensure compliance with the requirements of the regulation, including removal and waste handling emission control procedures. A work plan can be attached to address this item.

XII. Waste Transporter(s): Enter the name, addresses, contact persons and telephone numbers of the persons or companies responsible for transporting ACM from the removal site to the waste disposal site. If the removal contractor or owner is the waste transporter, state "same as owner" or "same as removal contractor".

XIII. Waste Disposal Site: Identify the waste disposal site, including the complete name, location, and telephone number of the facility. If ACM is to be disposed of at more than one site, provide complete information on an additional sheet submitted with the form.

XIV. If Demolition Ordered by a Government Agency: Provide the name of the responsible official, title and agency, authority under which the order was issued, the dates of the order and the dates of the ordered demolition. Include a copy of the order with the notification.

XV. Emergency Renovation Information: Provide the date and time of the emergency, a description of the event and a description of unsafe conditions, equipment damage or financial burden resulting from the event. The information should be detailed enough to evaluate whether a renovation falls within the emergency exception.

XVI. Description of Procedures to be Followed in the Event that Unexpected Asbestos is Found or Previously Nonfriable Asbestos Material Becomes Crumbled, Pulverized, or Reduced to Powder: Provide adequate information to demonstrate that appropriate actions have been considered and can be implemented to control asbestos emissions adequately, including at a minimum, conformance with applicable work practice standards. Typically these will include a work stoppage, wetting of material, and notification to the District.

XVII. Certification of Presence of Trained Supervisor: Certify that a person trained in asbestos removal procedures and the provisions of this regulation will be on-site and supervise the demolition or renovation. **When handling RACM, the supervisor must be a current AHERA-accredited contractor/supervisor, and the workers must be AHERA-accredited workers** (40 CFR 763 Subpart E App. C). The supervisor is responsible for the activity on-site. Evidence that the training has been completed by the supervisor must be available for inspection during normal business hours.

XVIII. Verification: Please certify the accuracy and completeness of the information provided by signing and dating the notification form.

FEES AND OTHER REQUIREMENTS

Demolition - OR - Renovation Notifications $200
Asbestos Abatement (with Demolition Projects).....$200 (Regulation IV, Rule 401, §1.1.2)

- ☐ All fees must accompany the notification form.
- ☐ Notification forms must be mailed or hand delivered to the District office; faxes are acceptable, if followed by the original within three (3) days.
- ☐ Notifications must be received or post-marked at least 10 business days prior to the start of demolition or renovation.
- ☐ Incomplete forms will be returned for correction. The 10 day clock does not start until a correctly completed notification is received by the District office.
- ☐ If a person cancels a notification, they may request a fee refund provided:
    1. the fee has been paid,
    2. the District has not performed an inspection,
    3. the request is in writing,
    4. and the request is made within ten days following cancellation.
- ☐ When a Fire Department receives a fee or donation from the property owner of a structure that is to be used for fire training purposes, the notification/inspection fee noted above shall be paid. Coordinated Burn Authorization Permits are required for Fire Department training burns; however they are exempt from the permit fees (Regulation II, Rule 201, 6.2).
- ☐ **Rule 401**

  §1.1.2 Where a demolition project includes the removal of Regulated Asbestos Containing Material from a facility prior to the wrecking of the structure, the *removal is treated as a separate renovation project for the purposes of fees*, although they may be included in a single notification. This requires a **second $200.00 fee**.
- ☐ Any demolition or renovation project that requires physical barriers for the purpose of controlling asbestos emissions (containment) shall install transparent viewing ports which allow observation, to the extent possible, of all stripping and removal of regulated asbestos containing material from outside the containment area.

Questions on completing the asbestos demolition / notification form, or on the NESHAP regulations covering asbestos, can be directed to District staff at (707) 443-3093.

NORTH COAST UNIFIED AIR QUALITY MANAGEMENT DISTRICT

NOTIFICATION OF DEMOLITION OR RENOVATION SUBJECT TO NESHAP's (40 CFR PART 61.145)

IMPORTANT: Notifications must be signed in ink. All numbered items must be addressed, regardless of applicability – e.g., enter N/A where numbered items don't apply to your project. Only originals accepted.

Operator Project #	Postmark	Date Received	Notification #

I. TYPE OF NOTIFICATION Choose One: ◯Original ◯Revised ◯Canceled

II. FACILITY INFORMATION *(Identify owner, removal contractor and any other contractors)*

OWNER NAME:		
Address:		
City:	State:	Zip
Contact:		Tel:
ASBESTOS REMOVAL CONTRACTOR:		DOSH Reg #
Address:		
City:	State:	Zip:
Contact:		Tel:
OTHER DEMOLITION OR RENOVATION OPERATOR:		
Address:		
City:	State:	Zip:
Contact:		Tel:

III. TYPE OF OPERATION Choose One: ◯Demolition ◯Ordered Demolition ◯Renovation ◯Emergency Renovation

IV. IS ASBESTOS PRESENT Choose One: ◯Yes ◯No

V. FACILITY DESCRIPTION *(Include building name, number and floor or room numbers)*

Bldg. Name:			
Address:			
City:	State:	Zip:	County:
Site Location:			
Building Size:	# of Floors:		Age in Years:
Present Use:		Prior Use:	

VI. PROCEDURE USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL *(reference the attached copy of the asbestos survey)*

VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be Removed 2. Category 1 ACM to be Removed 3. Category II ACM to be Removed	RACM To Be Removed	Nonfriable Asbestos Material To Be Removed		Indicate Unit of Measurement Below	
		Category I	Category II	Unit	
Pipes				Ln Ft:	Ln m:
Surface Area				Sq Ft:	Sq m:
Vol. RACM Off Facility Component				Cu Ft:	Cu m:

VIII. SCHEDULED DATES ASBESTOS REMOVAL *(MM/DD/YY)*	Start:	Complete:
IX. SCHEDULED DATES DEMO/RENOVATION *(MM/DD/YY)*	Start:	Complete

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK, AND METHOD(S) TO BE USED:

NOTIFICATION OF DEMOLITION OR RENOVATION (continued)

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION OR RENOVATION SITE (*attach work plan, if appropriate*)**:**		
XII. WASTE TRANSPORTER #1		
Name:		
Address:		
City:	State:	Zip:
Contact Person:		Tel:
WASTE TRANSPORTER #2		
Name:		
Address:		
City:	State:	Zip:
Contact Person:		Tel:
XIII. WASTE DISPOSAL SITE		
Name:		
Address:		
City:	State:	Zip:
Tel:		
XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY PLEASE IDENTIFY THE AGENCY BELOW (*attach copy of demolition order*):		
Name:	Title	
Authority		
Date of Order (*MM/DD/YY*):	Date Ordered to Begin (*MM/DD/YY*):	
XV. FOR EMERGENCY RENOVATIONS		
Date and Hour of Emergency (*MM/DD/YY*):		
Description of the Sudden, Unexpected Event:		
Explanation of how the event caused unsafe conditions or would cause equipment damage or an unreasonable financial burden:		
XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND, OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES FRIABLE:		
XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING ALL ASBESTOS ABATEMENT, AND EVIDENCE THAT THE REQUIRED CERTIFICATION ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION BY REGULATING AUTHORITIES DURING NORMAL BUSINESS HOURS. _____ _____ (Signature of Owner/Operator) (Date)		
XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT. _____ _____ (Signature of Owner/Operator) (Date)		

Any owner or operator of a demolition or renovation project which is subject to 40 CFR-61, Subpart M (NESHAPS) for asbestos and is required to submit a written notification of the demolition/renovation to the District shall submit with the notification form the following fee:

DEMOLITIONS – OR – RENOVATION PROJECTS **$200**
ASBESTOS ABATEMENT <u>with Demolition</u> (Regulation IV, Rule 401, §1.1.2) **$200**

If a Fire Department receives a fee or donation from the property owner of a structure that is to be used for fire training purposes, the demolition/renovation fees noted above shall apply. Otherwise, Fire Department training burns shall be exempted from fees as noted above.

Rev. 7/12
Form #1504

Appendix D
Consultant Certifications

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

Terry Alan Clark
Name

Certification No. **02-3246**

Expires on **12/11/13**

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

State of California Department of Public Health

Lead-Related Construction Certificate	Certificate Type	Expiration Date
	Inspector/Assessor	**09/05/2013**

Terry A. Clark ID #: **10915**

Certificate of Training

This Certifies that

Terry Clark

has successfully completed 4 hours training entitled

Asbestos Building Inspector Refresher

Toxic Substances Control Act, Title II (AHERA)

This is an annual certification. It must be renewed.

Environmental
Safety
Training
Professionals Ltd.

3035 Prospect Park Drive #110
Rancho Cordova, CA 95670
Phone 916 638-5550
Fax 916 638-5551
Division Approval #CA-006-06

I.D. #: 0362
Certification #: 11402
Course Date: 09/13/12

By: Neta Snider
Authorized Signature: Neta Snider

Expiration Date: 09/13/13

Appendix E
Previous Site Surveys

APPEND. E

LISTING OF PREVIOUS ASBESTOS SURVEYS

Asbestos surveys by Terry Clark Consulting, LLC
HumCo Mental Health Bldg, 720 Wood Street, Eureka, CA

Report Date	Project #

July 6, 2009 #0900303
Asbestos, Lead, and Mold Sampling Surveys of Bathrooms, Sempervirens Facility, 720 Wood Street, Eureka, California

Sept. 8, 2009 #0900304
Limited Asbestos Sampling Survey of Selected Wall and Roofing Materials, Sempervirens Facility, 720 Wood Street, Eureka, California

May 13, 2010 #1012301
Asbestos Survey Roofing, TSI & Ductwork Materials, Sempervirens Facility, 720 Wood Street, Eureka, California

Oct. 27, 2010 #1000921
Revised Report, Limited Asbestos Sampling, Ground Floor, Humboldt County Building, 720 Wood Street, Eureka, California

Mar. 22, 2011 #1100300
Limited Asbestos Sampling, Humboldt County, Clark Complex, 720 Wood Street, Eureka, California

Apr 14, 2011 #1100303
Limited Asbestos Sampling, Humboldt County Mental health Branch-Sempervirens facility, Clark Complex, 720 Wood Street, Eureka, California

Sept. 10, 2011 #1100304
Asbestos and Paint Sampling, Coroner's Office, Exterior Ramp, 3012 "I" Street, Eureka, California

May 6, 2012 #1200901
Asbestos Sampling, Reception Office, Humboldt County Mental Health Building, 720 Wood Street, Eureka, California

June 19, 2012 #1200901
Asbestos, Mold & Paint Sampling, Ground Floor, Room #102, Humboldt County Mental Health Building, 720 Wood Street, Eureka, California

APPENDIX D
NESHAP Notification Form

North Coast Unified
Air Quality Management District
707 L Street, Eureka, CA 95501
Telephone (707) 443-3093 FAX (707) 443-3099
http://www.ncuaqmd.org

COMPLIANCE ADVISORY
ASBESTOS NESHAP APPLICABILITY
TO DEMOLITION AND RENOVATION PROJECTS

In order to reduce the public's potential exposure to airborne asbestos, the Environmental Protection Agency (EPA) established the asbestos National Emission Standards for Hazardous Air Pollutants (NESHAP) regulation. The asbestos NESHAP regulates the demolition and renovation of buildings containing asbestos materials including, but not limited to fireproofing and insulating materials, paints, cements, joint compounds, and floor tiles. The regulation applies to commercial structures, industrial structures, and housing units having greater than four dwelling units. Single family dwellings are ***generally*** exempt. The following is a summary of some of the important NESHAP requirements. Other regulations may apply. For example, CAL/OSHA requires that the asbestos survey be completed by a Certified Asbestos Consultant (CAC) or by a Site Surveillance Technician, under the supervision of a CAC.

Definitions

Demolition – the wrecking or removal of any load supporting structural member of a building. Moving a structure from one location to another and the burning of a structure are also considered demolitions.

Regulated Asbestos Containing Material – (a) friable asbestos material; (b) Category I non-friable material that has become friable; (c) Category I material that has or will be subjected to grinding, sanding, cutting, or abrading; (d) Category II non-friable material that has a high probability of becoming crumbled, pulverized, or reduced to powder by forces expected to act upon the material in the course of demolition or renovation operations.

Renovation – altering a facility or one or more facility components in any way; this includes and is not limited to the stripping or removal or Regulated Asbestos Containing Material (RACM) from a facility component. Also included are projects on the exterior of a structure, such as façade enhancements or remodels.

Prior to beginning any demolition or renovation activity, the structure must be thoroughly surveyed for the presence of asbestos containing material. Survey must be conducted by an AHERA-accredited Building Inspector (40 CFR 763, Subpart E, App. C).

For a renovation - Upon completion of the asbestos survey, determine if the combined amount of RACM to be stripped, removed, dislodged, cut, drilled or similarly disturbed during a renovation is at least 260 linear feet (on pipes), 160 square feet (i.e. flooring, drywall), or 35 cubic feet in volume whichever is least. If the amount of RACM is at least the threshold amounts, District notification prior to the removal is required.

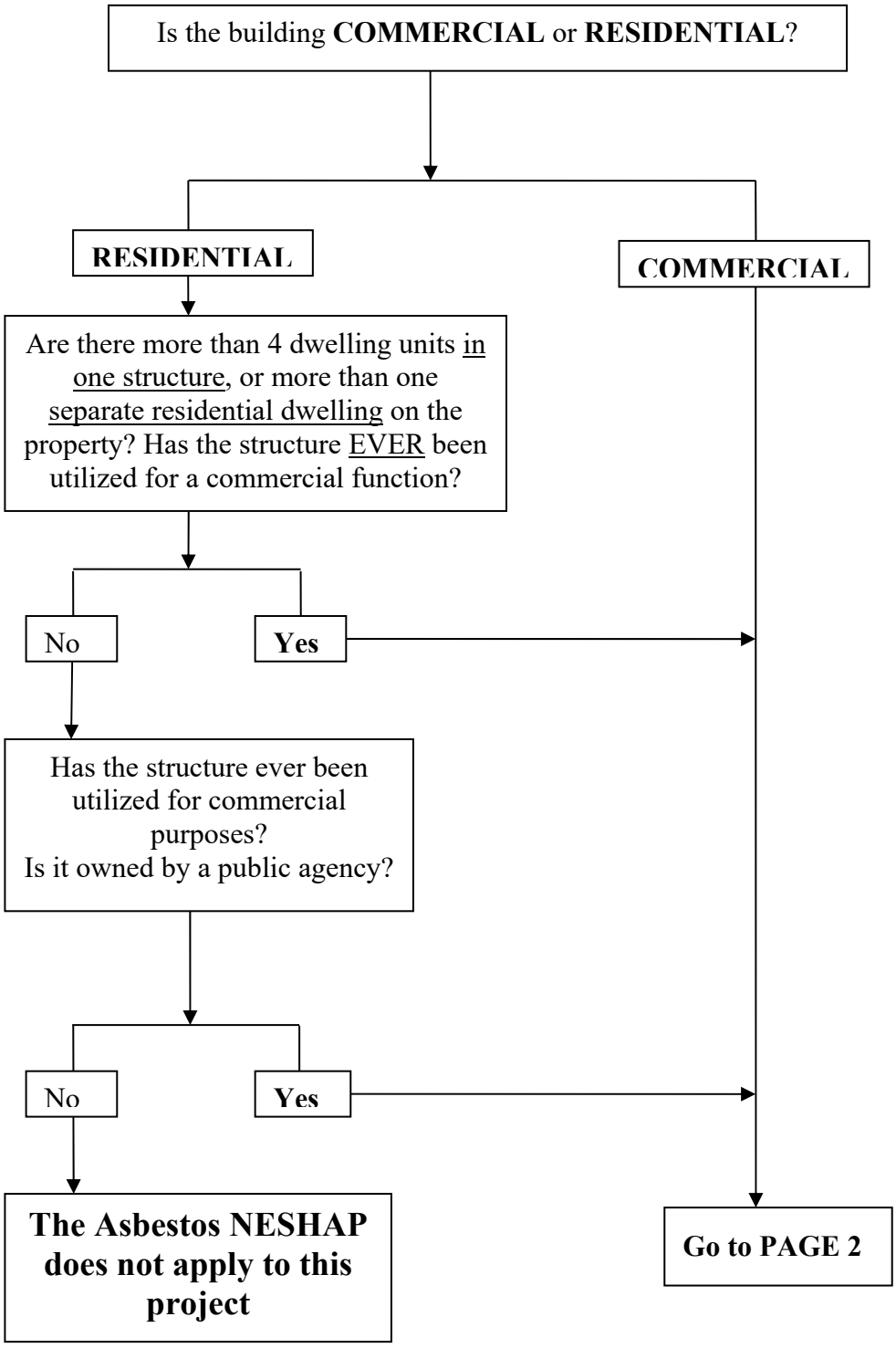
For a demolition - Upon completion of the asbestos survey, a demolition notification form must be submitted to the District at least 10 working days prior to the start date of the demolition. Notification of a demolition is required regardless of the amount of asbestos present. When asbestos-containing material of a quantity greater than or equal to the threshold amounts above will be removed prior to demolition, a separate notification is required.

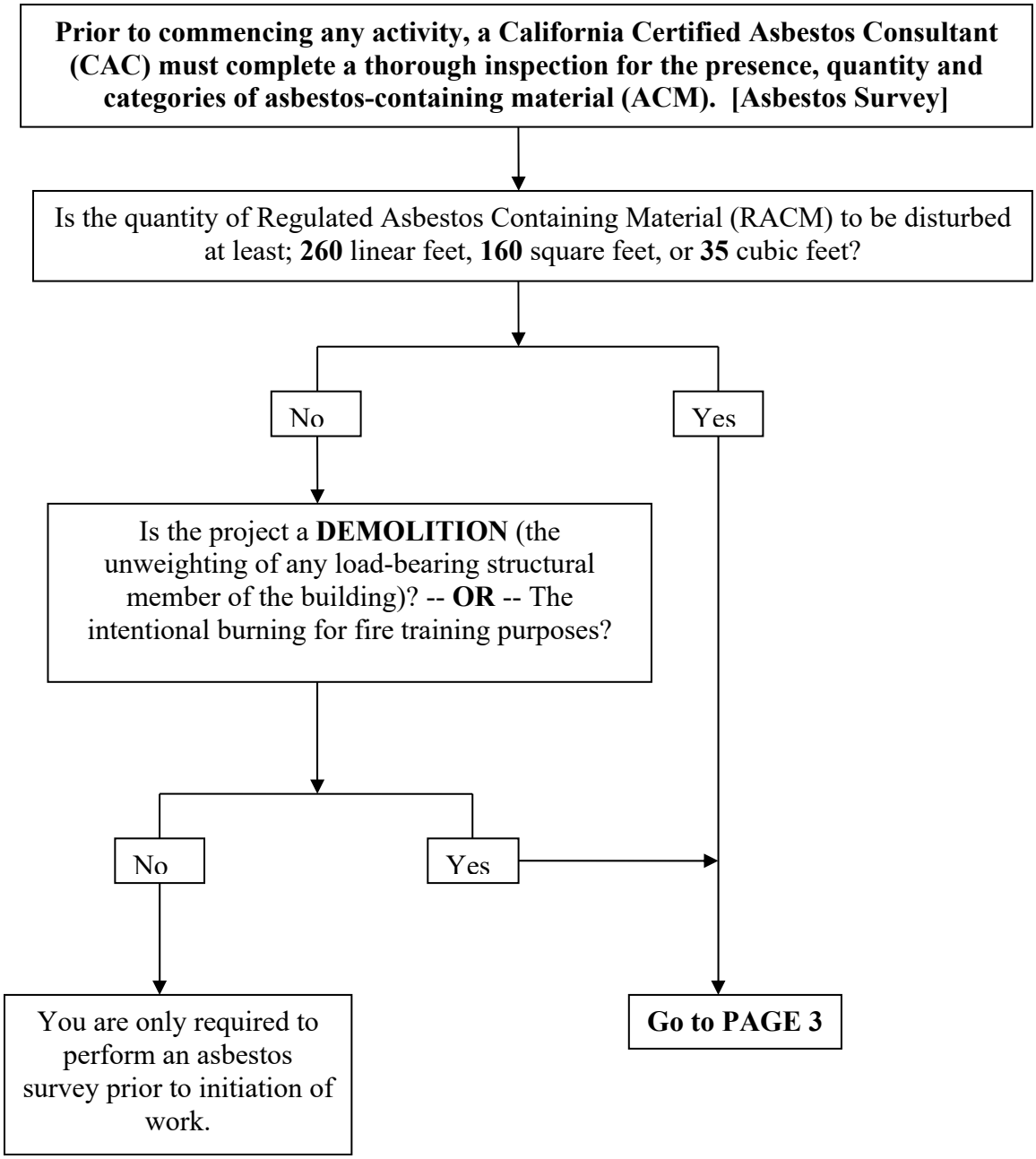
Other Training Requirements – *When removing or disturbing RACM, an AHERA-accredited Contractor/Supervisor must be present and all workers must be AHERA-accredited Workers (40 CFR 763, Subpart E, App. C). All training must be current.*

f Violations of NESHAP regulations can be prosecuted as felony offenses carrying penalties of $37,500 per day per offense.f

For further clarification or additional guidance, contact the NCUAQMD office at (707) 443-3093.

GUIDE TO ASBESTOS NESHAP QUESTIONS




Prior to commencing any activity, a California Certified Asbestos Consultant (CAC) must complete a thorough inspection for the presence, quantity and categories of asbestos-containing material (ACM). [Asbestos Survey]
Is the quantity of Regulated Asbestos Containing Material (RACM) to be disturbed at least; 260 linear feet, 160 square feet, or 35 cubic feet?
No
Yes
Is the project a DEMOLITION (the unweighting of any load-bearing structural member of the building)? -- OR -- The intentional burning for fire training purposes?
No
Yes
You are only required to perform an asbestos survey prior to initiation of work.
Go to PAGE 3

REGULATED RENOVATIONS AND DEMOLITIONS

1) You must submit an Asbestos Survey and completed Notification Form at least 10 working days prior to initiating work on the project.
2) Demolitions:
   a) Requires a 2-**X** notification fee (unless the building is donated to a fire department for training purposes).
   b) (Regulation IV, Rule 401, §1.1.2) An additional 2-**X*** fee is added if Asbestos Abatement is required **for a <u>Demolition</u>** Project.
3) Renovations require only a 2-**X*** notification fee.
4) IF, after notification has been submitted, the quantity of asbestos containing material (ACM) changes by at least 20%, then update the notification.
5) IF, after notification has been submitted, the start date changes to a date <u>after</u> the original start date, then notify by phone as soon as possible AND provide written notice as soon as possible AND no later than original start date.
6) IF, after notification has been submitted, start date changes to a date earlier than the original start date, then provide written notice at least 10 days prior to the new start date.

<u>IN NO EVENT SHALL A PROJECT START ON A DATE OTHER THAN THE DATE CONTAINED IN THE WRITTEN NOTIFICATION.</u>

(40 CFR 61.145 (b) (iv) (C))

***** The **X** value changes annually.
Call to get current value: 707-443-3093

North Coast Unified
Air Quality Management District
707 L Street, Eureka, CA 95501
Telephone (707) 443-3093 FAX (707) 443-3099
http://www.ncuaqmd.org

ASBESTOS DEMOLITION AND RENOVATION NOTIFICATION FORM
GENERAL INFORMATION

The Asbestos NESHAP, 40 CFR Part 61, Subpart M, requires written notification of demolition or renovation operations under Section 61.145. This form may be used to fulfill this requirement. Only complete notification forms are acceptable. Incomplete notification may result in enforcement action.

This notification should be typewritten and postmarked or delivered no later than ten days prior to the beginning of the asbestos removal activity (dates specified in Section VIII) or demolition (dates specified in Section IX). Please submit the form, along with the appropriate fee, to: **NORTH COAST UNIFIED AQMD**
707 L STREET, EUREKA, CA 95501

INSTRUCTIONS:

I. Type of Notification: Enter "O" if the notification is a first time or original notification, "R" if the notification is a revision of a prior notification, or "C" if the activity has been cancelled.

II. Facility Information: Enter the names, addresses, contact persons and telephone numbers of the following:
Owner: Legal owner of the site at which asbestos is being removed or demolition planned
Asbestos Removal Contractor: Certified asbestos contractor hired to remove asbestos (include DOSH registration #)
Other Demolition or Renovation Operator: Demolition contractor, general contractor, or other person who leases, operates, controls, or supervises the site (fire dept if training burn).

III. Type of Operation: Enter "D" for facility demolition, "R" for facility renovation, "O" for ordered demolition, or "E" for emergency renovation. Fire training burns are considered facility demolitions ("D").

IV. Is Asbestos Present?: Answer "yes" or "no" regardless of the amount of asbestos present.

V. Facility Description: Provide detailed information on the areas being renovated or demolished. If applicable, provide the floor numbers and room numbers where renovations are to be conducted.
Site Location: Provide information needed to locate site in event that the address alone is inadequate.
Building Size: Provide in square meters or square feet.
No. of Floors: Enter the number of floors including basement or ground floors.
Age in Years: Enter approximate age of the facility.
Present Use / Prior Use: Describe the primary use of the facility or enter the following codes: H - hospital; S - school; P - public building; O - office; I - industrial; U - university or college; B - ship; C - commercial; or R - residential.

VI. Asbestos Detection Procedure: Describe methods and procedures used to determine whether asbestos is present at the site, including a description of the analytical methods employed. **Building inspections must be performed by an AHERA-accredited Building Inspector** (40 CFR 763, Subpart E, App. C). Include copy of current accreditation. If an inspection report has been prepared by a consultant for the facility please include a copy with the notification.

VII. Approximate Amount of Asbestos, Including: (1) Regulated asbestos containing material (RACM) to be removed (including nonfriable ACM to be sanded, ground, or abraded); (2) Category I ACM not removed ; and (3) Category II ACM not removed. For both removals and demolition, enter the amount of RACM to be removed by entering a number in the appropriate box and an "X" for the unit. For demolition only, enter the amount of Category I and II nonfriable asbestos not to be removed in the appropriate boxes. Category I nonfriable material includes packing, gasket, resilient floor covering, and asphalt roofing materials containing more than one percent asbestos. Category II nonfriable material includes any material, excluding Category I products, containing more than one percent asbestos, that when dry, cannot be crumbled, pulverized, or reduced to powder. Facilities to be used for fire training purposes must have all materials containing more than one percent asbestos removed.

VIII. Scheduled Dates of Asbestos Removal: Enter scheduled dates (month/day/year) for asbestos removal work. Asbestos removal work includes any activity, including site preparation, which may break up, dislodge, or disturb asbestos material. **These dates must be accurate.** Asbestos removal work occurring prior to the start date or after the end date is a violation and could result in substantial enforcement action. If these dates change, notify the District immediately, by submitting a revision request form.

IX. Scheduled Dates of Demo/Renovation: Enter scheduled dates (month/day/year) for beginning and ending of the planned demolition or renovation. For fire training burns this is the time period when the actual fire training burn will take place. **These dates must be accurate.** Demolition or renovation activity occurring prior to the start date or after the end date is a violation and could result in substantial enforcement action. If these dates change, notify the District immediately, by submitting a revision request form.

X. Description of Planned Demolition or Renovation Work, and Method(s) to be Used: Include here a description of the overall work being done and the techniques being used. A work plan can be attached to address this item.

XI. Description of Engineering Controls and Work Practices to be Used to Control Emissions of Asbestos at the Demolition or Renovation Site: Describe the work practices and engineering controls selected to ensure compliance with the requirements of the regulation, including removal and waste handling emission control procedures. A work plan can be attached to address this item.

XII. Waste Transporter(s): Enter the name, addresses, contact persons and telephone numbers of the persons or companies responsible for transporting ACM from the removal site to the waste disposal site. If the removal contractor or owner is the waste transporter, state "same as owner" or "same as removal contractor".

XIII. Waste Disposal Site: Identify the waste disposal site, including the complete name, location, and telephone number of the facility. If ACM is to be disposed of at more than one site, provide complete information on an additional sheet submitted with the form.

XIV. If Demolition Ordered by a Government Agency: Provide the name of the responsible official, title and agency, authority under which the order was issued, the dates of the order and the dates of the ordered demolition. Include a copy of the order with the notification.

XV. Emergency Renovation Information: Provide the date and time of the emergency, a description of the event and a description of unsafe conditions, equipment damage or financial burden resulting from the event. The information should be detailed enough to evaluate whether a renovation falls within the emergency exception.

XVI. Description of Procedures to be Followed in the Event that Unexpected Asbestos is Found or Previously Nonfriable Asbestos Material Becomes Crumbled, Pulverized, or Reduced to Powder: Provide adequate information to demonstrate that appropriate actions have been considered and can be implemented to control asbestos emissions adequately, including at a minimum, conformance with applicable work practice standards. Typically these will include a work stoppage, wetting of material, and notification to the District.

XVII. Certification of Presence of Trained Supervisor: Certify that a person trained in asbestos removal procedures and the provisions of this regulation will be on-site and supervise the demolition or renovation. **When handling RACM, the supervisor must be a current AHERA-accredited contractor/supervisor, and the workers must be AHERA-accredited workers** (40 CFR 763 Subpart E App. C). The supervisor is responsible for the activity on-site. Evidence that the training has been completed by the supervisor must be available for inspection during normal business hours.

XVIII. Verification: Please certify the accuracy and completeness of the information provided by signing and dating the notification form.

FEES AND OTHER REQUIREMENTS:

Demolition - **OR** - Renovation Notifications …….. **2 X** (Regulation IV, Rule 401(B))
Asbestos Abatement (**with** Demolition Projects) ……..…….. **4 X** (Regulation IV, Rule 401(B))

- All fees must accompany the notification form.
- Notification forms must be mailed or hand delivered to the District office; faxes are acceptable, if followed by the original within three (3) days.
- Notifications must be received or post-marked at least 10 business days prior to the start of demolition or renovation.
- Incomplete forms will be returned for correction. The 10 day clock does not start until a correctly completed notification is received by the District office.
- If a person cancels a notification, they may request a fee refund provided:
    1. the fee has been paid,
    2. the District has not performed an inspection,
    3. the request is in writing,
    4. and the request is made within ten days following cancellation.
- When a Fire Department receives a fee or donation from the property owner of a structure that is to be used for fire training purposes, the notification/inspection fee noted above shall be paid. Coordinated Burn Authorization Permits are required for Fire Department training burns; however they are exempt from the permit fees (Regulation II, Rule 408(C)(4)).
- **Rule 401 (B) -** Where a demolition project includes the removal of Regulated Asbestos Containing Material from a facility prior to the wrecking of the structure, the *removal is treated as a separate renovation project for the purposes of fees*, although they may be included in a single notification. This requires a **second 2 X fee**.
- Any demolition or renovation project that requires physical barriers for the purpose of controlling asbestos emissions (containment) shall install transparent viewing ports which allow observation, to the extent possible, of all stripping and removal of regulated asbestos containing material from outside the containment area.

Questions on completing the asbestos demolition / notification form, or on the NESHAP regulations covering asbestos, can be directed to District staff at (707) 443-3093.

NORTH COAST UNIFIED AIR QUALITY MANAGEMENT DISTRICT

NOTIFICATION OF DEMOLITION OR RENOVATION SUBJECT TO ABESTOS NESHAP's (40 CFR PART 61.145)

***IMPORTANT*: Notifications must be signed in ink. All numbered items must be addressed, regardless of applicability – e.g., enter N/A where numbered items don't apply to your project. Only originals accepted.**

Operator Project #	Postmark	Date Received	Notification #

I. TYPE OF NOTIFICATION Circle One: **O** = Original **R** = Revised **C** = Canceled

II. FACILITY INFORMATION (*Identify owner, removal contractor and any other contractors*)

OWNER NAME:		
Address:		
City:	State:	Zip:
Contact:	Tel:	
ASBESTOS REMOVAL CONTRACTOR:		DOSH Reg #
Address:		
City:	State:	Zip:
Contact:	Tel:	
OTHER DEMOLITION OR RENOVATION OPERATOR:		
Address:		
City:	State:	Zip:
Contact:	Tel:	

III. TYPE OF OPERATION Circle One: **D** = Demolition **O** = Ordered Demolition **R** = Renovation **E** = Emergency Renov.

IV. IS ASBESTOS PRESENT Circle One: (**Y**es **N**o)

V. FACILITY DESCRIPTION (*Include building name, number and floor or room numbers*)

Bldg. Name:			
Address:			
City:	State:	Zip:	County:
Site Location:			
Building Size:	# of Floors:	Age in Years:	
Present Use:	Prior Use:		

VI. PROCEDURE USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL {An asbestos survey performed by a California "Certified Asbestos Consultant", is required to process this notification}

C.A.C. Certification #	**Certification Experation Date:**

VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be Removed 2. Category I ACM to be Removed 3. Category II ACM to be Removed	RACM To Be Removed		Nonfriable Asbestos Material To Be Removed		Indicate Unit of Measurement Below	
			Category I	Category II	Units	
Pipes					Ln Ft:	Ln m:
Surface Area					Sq Ft:	Sq m:
Vol. RACM Off Facility Component					Cu Ft:	Cu m:

VIII. SCHEDULED DATES ASBESTOS REMOVAL (*MM/DD/YY*)	**Start:**	**Complete**
IX. SCHEDULED DATES DEMO/RENOVATION (*MM/DD/YY*)	**Start:**	**Complete**

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK, AND METHOD(S) TO BE USED:

District Use Only	**Date Payment Received:**	**Payment Method:**	**Check Number:**	**Amount:**

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT TH DEMOLITION OR RENOVATION SITE (*attach work plan, if appropriate*):

XII. WASTE TRANSPORTER #1

Name:		
Address:		
City:	State:	Zip:
Contact Person:	Tel:	

WASTE TRANSPORTER #2

Name:		
Address:		
City:	State:	Zip:
Contact Person:	Tel:	

XIII. WASTE DISPOSAL SITE

Name:	Tel:	
Address:		
City:	State:	Zip:

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY PLEASE IDENTIFY THE AGENCY BELOW (*attach copy of demolition order*):

Name:	Title
Authority	
Date of Order (*MM/DD/YY*):	Date Ordered to Begin (mm/dd/yy):

XV. FOR EMERGENCY RENOVATIONS

Date and Hour of Emergency (*mm/dd/yy*):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage or an unreasonable financial burden:

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND, OR PREVIOUSL NONFRIABLE ASBESTOS MATERIAL BECOMES FRIABLE:

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING ALL ASBESTOS ABATEMENT, AND EVIDENCE THAT THE REQUIRED CERTIFICATION ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION BY REGULATING AUTHORITIES DURING NORMAL BUSINESS HOURS.

(Print Name of Owner/Operator) (Signature of Owner/Operator)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

(Print Name of Owner/Operator) (Signature of Owner/Operator)

Any owner or operator of a demolition or renovation project which is subject to 40 CFR-61, Subpart M (NESHAPS) for asbestos and is required to submit a written notification of the demolition/renovation to the District shall submit with the notification form the following fee:

SINGLE DEMOLITION – OR – RENOVATION PROJECTS . . . . . 2 X

ASBESTOS ABATEMENT accompanying a demolition (Regulation IV, Rule 401, §1.1.2) . . . . . 4 X

Fire Department training burns shall be exempted from the fees noted above.

APPENDIX E
Consultant Certifications

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

Zindar Brunelle
Name

Certification No. **14-5295**

Expires on **10/15/19**

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

State of California Department of Public Health

Lead-Related Construction Certificate

Certificate Type	Expiration Date
Inspector/Assessor	09/02/2019
Supervisor	09/02/2019

28826

Zindar Brunelle ID #: 25819

Certificate of Training

This Certifies that

Zindar Brunelle

has successfully completed 4 hours training entitled

Asbestos Building Inspector Refresher

Toxic Substances Control Act, 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-006-06

I.D. #: 7598
Certification #: 23128
Course Date: 03/08/18

Expiration Date: 03/08/19

By _____
Authorized Signature: Brandy Snider