



COUMMUNITY DEVELOPMENT DEPARTMENT

To: La Center 2023 Community Center Kitchen Remodel and Parking lot Repair Project Bidders

Project: 2023 Community Center Project

Date: January 5th, 2022

Item: Addendum #2

Addendum #2

This addendum shows a design change reconfiguring the location of the water heater room door. This change is noted on ADD2.1. The asbestos report for the kitchen remodel is enclosed with this addendum.

The following are the added items for the addendum:

- Changed the location of the door entry for the water heater room, addendum sheet ADD1.1.
- Limited Asbestos Inspection Report for the Community Center Kitchen Remodel, by Terracon.

Sincerely,

Anthony Cooper, PE
City of La Center
City Engineer/Assistant Public Works Director

Section view of a wall and floor assembly. The wall is labeled 'B' in a circle. The floor is labeled '17' in a box. The assembly includes a CMU wall, a concrete floor, and a concrete slab. The wall is shown in cross-section with a vertical centerline. The floor is shown in cross-section with a horizontal centerline. The wall and floor are shown meeting at a corner.

SEE A/A3.1 FOR COMPLETE PLAN AND KEYNOTES

RELOCATED DOOR OF WATER HEATER CLOSET TO STORAGE ROOM

3'-0" x 6'-8"

4'-0"

3'-0"

21

20

22

23

22

21

2

06

WH

ALIGN GWB FINISH FLUSH TO CMU


EXISTING CMU WALL

EXIST. CONC. FLOOR 12" BELOW MULTIPURPOSE ROOM

B

4

SEE B/A3.1 FOR COMPLETE PLAN AND KEYNOTES

MOP ROOM DOOR				
CITY OF LA CENTER COMMUNITY CENTER KITCHEN REMODEL	 ARCHITECTURAL GROUP, P.S. 950 12th AVE., SUITE 200 LONGVIEW, WA 98632 PHONE: 360-425-0000	Scale 1/4" = 1'-0"	ADD2.1	
		Date 01/05/23		
		Project # 2022-09		

Limited Asbestos Inspection Report

La Center Community Center Kitchen

1000 E 4th Street

La Center, Clark County, Washington 98629

September 8, 2022

Terracon Project No. 82227169



Prepared for:

City of La Center
La Center, Washington

Prepared by:

Terracon Consultants, Inc.
Portland, Oregon

Offices Nationwide
Employee-Owned

Established in 1965
terracon.com

Terracon

Geotechnical ■ Environmental ■ Construction Materials ■ Facilities



September 8, 2022

City of La Center
214 E 4th Street
La Center, WA 98629

Attn: Ms. Anthony Cooper
E: acooper@ci.lacenter.wa.us

Re: **Limited Asbestos Inspection Report**
La Center Community Center – Kitchen
1000 E 4th Street
La Center, WA 98629
Terracon Project No. 82227169

Dear Mr. Cooper:

The purpose of this report is to present the findings of an asbestos inspection completed on August 30, 2022 at the above referenced building located at 1000 E 4th Street, La Center, Clark County, Washington. This survey was performed in accordance with Proposal Number P82227169 and Agreement for Services, dated August 3, 2022. We understand that these services were requested in support of the proposed demolition activities at the Site.

We appreciate the opportunity to be of service to you on this project. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,
Terracon Consultants, Inc.

Trevor Farrell
Staff Geologist

Rick Rodriguez
Department Manager

Terracon Consultants Inc. 700 NE 55th Avenue Portland, OR 97213

P 503-659-3281 F 503-659-1287 terracon.com



Environmental



Facilities



Geotechnical



Materials

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LIMITED ASBESTOS INSPECTION
La Center Community Center Kitchen
1000 E 4th Street
La Center, Clark County, Washington 98629

Terracon Project No. 82227169
September 8, 2022

1.0 INTRODUCTION

Terracon conducted a limited asbestos inspection at the La Center Community Center Kitchen (the Site) located at 1000 E 4th Street, Clark County, Washington. At the time of the survey the Site was developed as kitchen for the La Center Community Center building. Terracon completed the asbestos inspection of the project area on August 30, 2022. The inspection was completed by an Asbestos Hazard Emergency Response Act (AHERA)-accredited asbestos building inspector in accordance with Proposal Number P82227169 and Agreement for Services dated August 3, 2022. Accessible areas within the project area were surveyed and homogeneous areas of suspect asbestos-containing materials (ACM) were visually identified, documented, and sampled.

1.1 Project Objective

We understand that this asbestos inspection was requested to support the proposed demolition and/or renovation activities of the La Center Community Center kitchen. Prior to commencing demolition of a structure, an inspection and assessment for ACM is typically required to identify building material that may require special handling, removal, disposal, or exposure controls during renovation or demolition activities.

When impacting building materials containing asbestos, the Environmental Protection Agency (EPA) regulation 40 Code of Federal Regulations (CFR) 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP) prohibits the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP requires that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition activities.

This inspection will assist with communicating the presence, location, and quantity of ACM to employees, vendors, and contractors working in the project area. This survey was also performed to meet the requirements for an asbestos survey for the Southwest Clean Air Agency (SWCAA) and a good faith inspection as required by Washington State Department of Labor and Industries' Division of Occupational Safety and Health (DOSH) regulations. Regulations require that a complete copy of this assessment be kept in a conspicuous location onsite at all times during activities that may impact known or suspect asbestos-containing materials (ACM).

1.2 Project Limitations

Although reasonable effort was made to inspect and survey inaccessible suspect materials, additional suspect, but unsampled, ACM could be present in walls, in voids, in other concealed areas, or outside of the project area. Other hazardous building materials may be likewise concealed, located in rooms or areas which were inaccessible at the time of survey, or outside of the project area. Suspect ACM samples were collected in general accordance with the sampling protocols outlined in EPA 40 CFR 763.86. If previously unsampled suspect building materials or painted surfaces are discovered in the future or during planned renovation activities, the materials should be considered asbestos-containing and painted surfaces to be considered lead-containing until sampling can either confirm or refute asbestos or lead content.

2.0 BUILDING DESCRIPTION

The project area consists of an approximately 300-square feet (sf) kitchen constructed by at least 1990. Interior finishes consisted of vinyl floor tiles and plaster wallboard systems. The exterior finishes consisted of concrete masonry unit walls, cement sidewalk, and a metal roof.

3.0 ASBESTOS SURVEY FIELD ACTIVITIES

The asbestos survey was conducted by AHERA-accredited asbestos building inspector Trevor Farrell. A copy of Mr. Farrell's AHERA building inspector training certificates are attached in Appendix A. The survey was conducted in general accordance with the sample collection protocols established in EPA regulation 40 CFR 763, the Asbestos Hazard Emergency Response Act (AHERA). A summary of survey activities is presented below.

3.1 Visual Assessment

Terracon completed visual assessments of the buildings to locate and identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout the project area in terms of color and texture. The assessment was conducted for visually accessible areas of the project area. Building materials identified as glass, wood, metal or rubber were not considered suspect ACM.

3.2 Physical Assessment

A physical assessment of each homogeneous area of suspect ACM was conducted to assess the friability and condition of the materials. A friable material is defined by the EPA as a material which can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.3 Sample Collection

Based on the visual assessment completed within the project area, bulk samples of suspect ACM were collected in general accordance with AHERA sampling protocols. Random samples of suspect ACM were collected for each homogeneous area identified. Bulk samples were collected using wet methods, as applicable, to reduce the potential for fugitive dust and fiber release. Samples were placed in sealable bags and labeled with unique sample numbers using an indelible marker.

Terracon collected 40 bulk samples from 15 homogenous areas of suspect ACM.

A summary of all samples collected including the type of material, general location, and results, is included as Table 1 in Appendix B. Locations of bulk ACM samples collected throughout the project areas are presented in Appendix C.

3.4 Sample Analysis

Bulk ACM samples were submitted under standard chain of custody (COC) to EMLab P&K (EMLab) of Bothell, Washington for analysis by polarized light microscopy (PLM) per EPA methodology EPA/600/R-93/116. The percentage of asbestos, where applicable, was determined by microscopic visual estimation. EMLab is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP Accreditation No. 600266-0).

4.0 ASBESTOS REGULATORY OVERVIEW

The NESHAP for asbestos (40 CFR Part 61, Subpart M) regulate asbestos fiber emissions and asbestos waste disposal practices. It requires the identification of existing ACM according to friability prior to demolition or renovation activity. Friable ACM is a material containing more than 1% asbestos that, when dry, may be crumbled, pulverized or reduced to powder by hand pressure.

The NESHAP regulation classifies ACM as either regulated asbestos-containing material (RACM), Category I non-friable ACM or Category II non-friable ACM. RACM includes all friable ACM, along with Category I non-friable ACM that has become friable or will be or has been subjected to sanding, grinding, cutting or abrading, and Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity. Category I non-friable ACMs are exclusively asbestos-containing packings, gaskets, resilient floor coverings, floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. RACM must be removed prior to renovation or demolition activities.

In the State of Washington, authority to administer NESHAP requirements is delegated to the regional air pollution authorities (e.g., the local Clean Air Agency or the Washington State Department of Ecology). In Lewis, Skamania, Clark, Cowlitz, and Wahkiakum Counties, the NESHAP requirements are administered by the Southwest Clean Air Agency (SWCAA). Depending on the project type, the SWCAA has varying notification requirements, as described in SWCAA 476, *Standards for Asbestos Control, Demolition, and Renovation dated March 18, 2001*. If ACM is not identified in building materials, and the project involves only renovation, then submittal of a Notification of Demolition and Renovation to the SWCAA is not required. In the event that the project involves demolition (as defined in SWCAA 476) or in the event that greater than 10 linear feet or 48 square feet of asbestos containing materials are identified, the owner or operator must submit a Notification of Demolition and Renovation and a copy of the AHERA asbestos inspection report to the SWCAA at least 10 working days prior to the commencement of the project. Furthermore, written notification must be submitted to the Washington State Department of Labor and Industry (L&I) at least 10 working days prior to the commencement of asbestos removal projects involving at least 10 linear feet or 48 square feet of RACM. Removal of RACM must be conducted by a State of Washington-certified asbestos abatement contractor.

In the State of Washington, worker exposures to asbestos are governed by L&I's Division of Occupational Safety and Health (DOSH). The administrative rule WAC 296-62-07705 requires that employee exposure to airborne asbestos fibers be maintained below 0.1 asbestos fibers per cubic centimeter of air (0.1 f/cc). State of Washington Occupational Safety and Health rules also classify construction and maintenance activities which could disturb ACM and specify work practices and precautions which employers must follow when their employees engage in each class of regulated work.

5.0 FINDINGS AND RECOMMENDATIONS

The following is a summary of ACM identified during the course of our assessment:

Asbestos

Asbestos was identified in following material:

- HA-3: 8"x8" tan vinyl floor tile (2% Chrysotile) and black mastic (4% Chrysotile)
- HA-6: Black sink undercoat (3% Chrysotile)

A summary of all samples collected including the type of material, general location, and results, is included as Table 1 in Appendix B. Appendix C contains the sample location diagrams. Laboratory analytical reports and COCs are included in Appendix D. Photographs are included as Appendix E.

It should be reemphasized that although reasonable efforts were made to survey accessible suspect materials, additional suspect ACM could be located outside the project area, under existing building materials, electrical systems, pipe chases, inside walls, above ceilings, interior of mechanical components, in isolated areas or in other concealed areas, etc. Therefore, if suspect materials are encountered during demolition or renovation activities that do not appear to have been characterized as ACM or non-ACM, these materials must be assumed to be ACM until samples are collected and analyzed to prove otherwise. Any assumed or unanalyzed material should be treated as asbestos and in accordance with applicable federal, state, and local regulations, or sampled to determine asbestos content before disturbing the material.

In the event that unsampled suspect ACM is discovered during demolition or renovation activities, Terracon recommends that the contractor contact the City of La Center and Terracon immediately upon discovery, so that samples of the suspect ACM can be collected and analyzed in order to classify, and/or quantify the material.

6.0 GENERAL COMMENTS

This Limited Asbestos Inspection was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. The results, findings, conclusions and recommendations expressed in this report are based on conditions observed during our survey of the building. The information contained in this report is relevant to the date on which this survey was performed and should not be relied upon to represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by the Client for specific application to their project as discussed. This report is not a bidding document. Contractors or consultants reviewing this report must draw their own conclusions regarding further investigation or remediation deemed necessary. Terracon does not warrant the work of regulatory agencies, laboratories or other third parties supplying information which may have been used in the preparation of this report. No warranty, express or implied is made.

APPENDIX A

TRAINING CERTIFICATES

Certificate of Completion

This is to certify that
Trevor Farrell

has satisfactorily completed
4 hours of online refresher training as an
AHERA Building Inspector

to comply with the training requirements of
TSCA Title II, 40 CFR 763 (AHERA)

EPA Provider # 1085

183703
Certificate Number



Feb 1, 2022
Date(s) of Training

Expires in 1 year.

Exam Score: N/A
(if applicable)

Instructor: Andre Zwanenburg

ARGUS PACIFIC, INC / 21905 64th AVE W, SUITE 100 / MOUNTLAKE TERRACE, WASHINGTON 98043 / 206.285.3373 / ARGUSPACIFIC.COM

APPENDIX B

DATA TABLES

APPENDIX B

TABLE 1 - Asbestos Survey Sample Summary
 La Center Community Center Kitchen
 1000 E 4th Street
 La Center, Clark County, Washington 98629
 Terracon Project No. 82227169

HOMOGENEOUS AREA NUMBER	SAMPLE NUMBER	MATERIAL DESCRIPTION	RESULT	MATERIAL LOCATION
1	CCK-1-1	White Texture, White Skim Coat, and White Plaster Wallboard	Texture (ND), Skim Coat (ND), Plaster (ND)	Throughout Interior
	CCK-1-2		Skim Coat (ND), Plaster (ND)	
	CCK-1-3		Skim Coat (ND), Plaster (ND)	
2	CCK-2-1	12"x12" White Vinyl Floor Tile and Yellow Mastic	ND	Throughout Interior
	CCK-2-2		ND	
	CCK-2-3		ND	
3	CCK-3-2	8"x8" Tan Vinyl Floor Tile, Black Mastic, and Tan Leveling Compound	VFT (2% Chrysotile), Mastic (4% Chrysotile)	Subfloor Beneath HA-2
	CCK-3-3		VFT (2% Chrysotile), Mastic (4% Chrysotile)	
4	CCK-4-1	Grey Covebase and Yellow Mastic	ND	Throughout Interior
	CCK-4-2		ND	
	CCK-4-3		ND	
5	CCK-5-1	White Covebase and Tan Mastic	ND	North and East Cabinets
	CCK-5-2		ND	
	CCK-5-3		ND	
6	CCK-6-1	Black Sink Undercoat	3% Chrysotile	Sink Bottom
	CCK-6-2		3% Chrysotile	
7	CCK-7-1	Concrete Masonry Unit and Grout	ND	East Exterior Wall
	CCK-7-2		ND	
	CCK-7-3		ND	
8	CCK-8-1	Grey Cement	ND	Exterior Sidewalk
	CCK-8-2		ND	
	CCK-8-3		ND	
9	CCK-9-1	Shredded Newspaper and Brown Fibrous Insulation	ND	Attic
	CCK-9-2		ND	
	CCK-9-3		ND	
10	CCK-10-1	Wall Panel Mastic	ND	White Cabinet
	CCK-10-2		ND	
	CCK-10-3		ND	
11	CCK-11-1	Wall Panel Mastic	ND	Blue Cabinet
	CCK-11-2		ND	

APPENDIX B

TABLE 1 - Asbestos Survey Sample Summary
La Center Community Center Kitchen
1000 E 4th Street
La Center, Clark County, Washington 98629
Terracon Project No. 82227169

HOMOGENEOUS AREA NUMBER	SAMPLE NUMBER	MATERIAL DESCRIPTION	RESULT	MATERIAL LOCATION
12	CCK-3-1	Tan Leveling Compound	ND	Below HA-2 at East Door
	CCK-12-1		ND	
	CCK-12-2		ND	
13	CCK-13-1	Dark Grey Building Paper with White Gypsum Wallboard	ND	Below HA-9 in Attic
	CCK-13-2		ND	
	CCK-13-3		ND	
14	CCK-14-1	White Cabinet Countertop and Yellow Adhesive	ND	White Cabinet
	CCK-14-2		ND	
15	CCK-15-1	Blue Cabinet Countertop and Yellow Adhesive	ND	Blue Cabinet
	CCK-15-2		ND	

Notes:

ND = Non-detect

VFT = Vinyl floor tile

Bold = Asbestos Detected in Bulk Sample

APPENDIX A
TABLE 2 - ACM Summary
 La Center Community Center Kitchen
 1000 E 4th Street
 La Center, Clark County, Washington 98629
 Terracon Project No. 82227169

HOMOGENEOUS AREA NUMBER	SAMPLE NUMBER	MATERIAL DESCRIPTION	PERCENT/TYPE ASBESTOS	FRIABILITY	CONDITION	ABATEMENT CLASS	ESTIMATED QUANTITY
3	CCK-3-2	8"x8" Tan Vinyl Floor Tile, Black Mastic	VFT (2% Chrysotile), Mastic (4% Chrysotile)	Friable	Good	Class I	300 SF*
	CCK-3-3		VFT (2% Chrysotile), Mastic (4% Chrysotile)	Friable			
6	CCK-6-1	Black Sink Undercoat	3% Chrysotile	Non-friable	Good	Class II	2 ea
	CCK-6-2		3% Chrysotile	Non-friable			

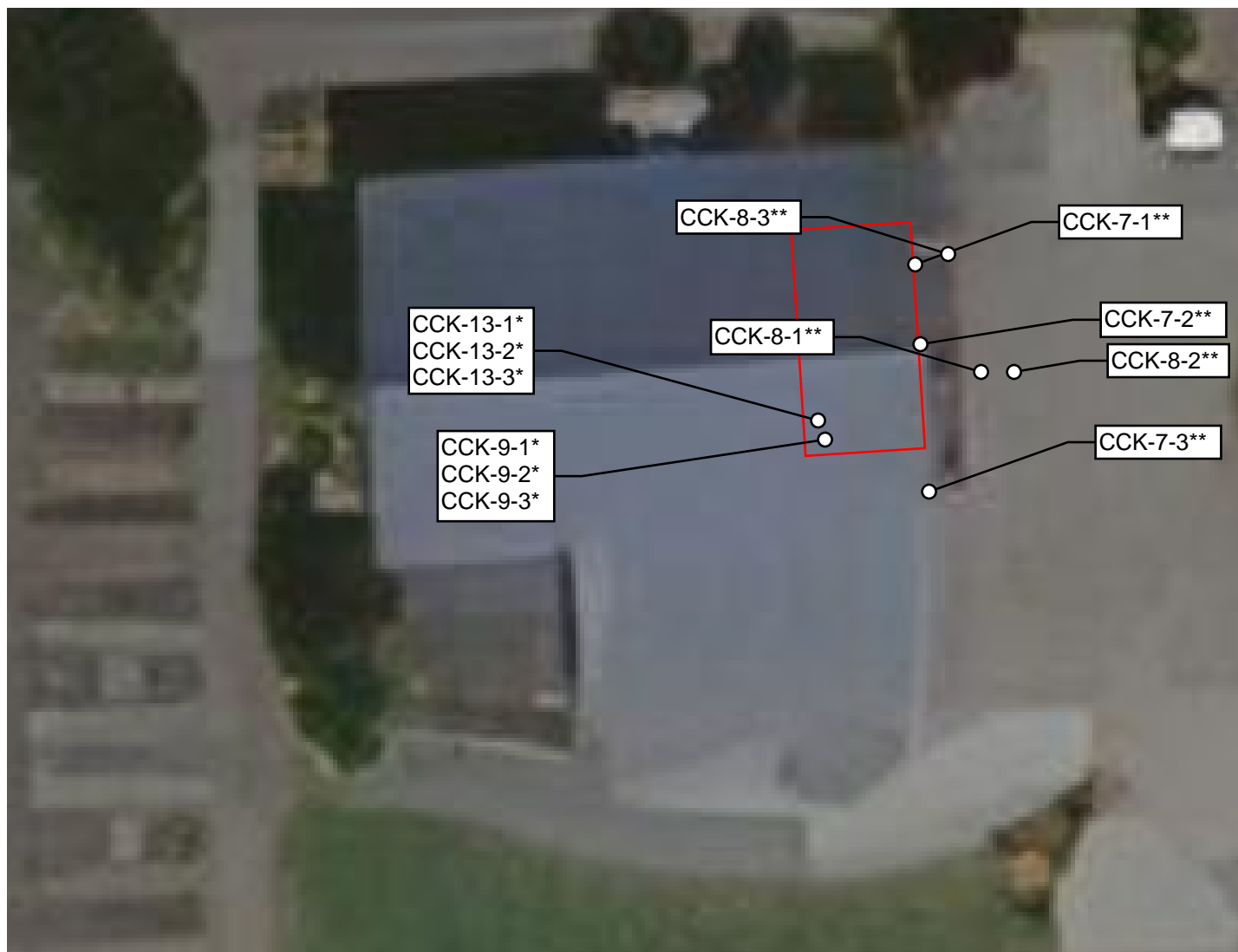
* = The material could not be fully observed. The estimated quantity assumes material extends throughout the project area beneath HA-2

SF = square foot

ea = each

APPENDIX C

PROJECT AREA MAP AND SAMPLE LOCATION DIAGRAMS



LEGEND

###-##-##
ASBESTOS SAMPLE NUMBER (NON-DETECT)
HA NUMBER
BUILDING

PROJECT AREA
* COLLECTED FROM ATTIC
** COLLECTED FROM EXTERIOR

Project Mngnr:	TMF	Project No.	82227169
Drawn By:	TMF	Scale:	NOT TO SCALE
Checked By:	RJR	File No.	N/A
Approved By:	RJR	Date:	SEPTEMBER 2022

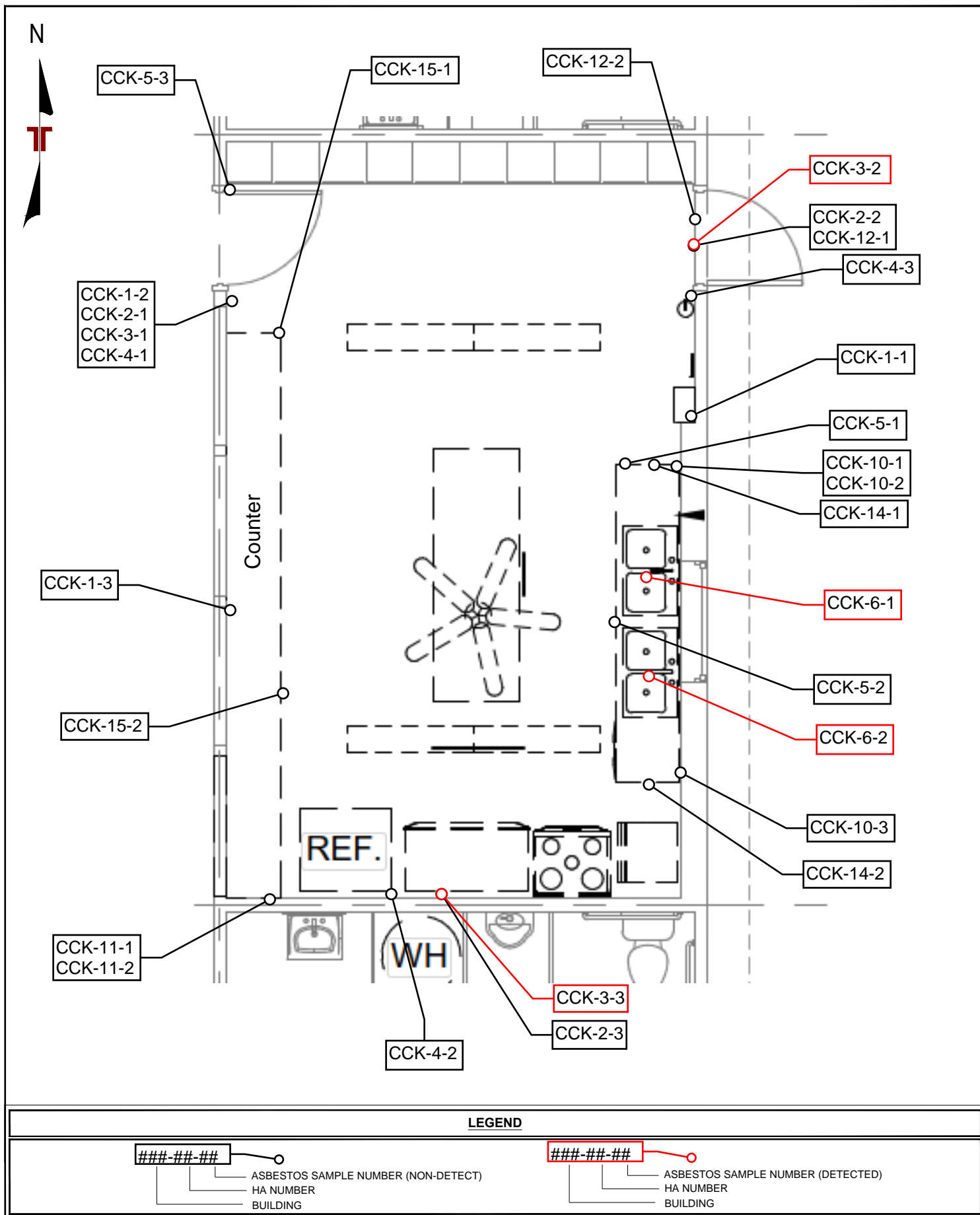
Terracon
Consulting Engineers and Scientists
700 NE 55th Avenue Portland, Oregon, 97213
PH. (503) 659-3281 FAX. (503) 659-1287

BULK SAMPLE LOCATIONS - EXTERIOR & ATTIC

La Center Community Center Kitchen
1000 E 4th Street
La Center, Clark County, Washington 98629

FIGURE

1



Project Mngnr:	TMF	Project No.	82227169
Drawn By:	TMF	Scale:	NOT TO SCALE
Checked By:	RJR	File No.	N/A
Approved By:	RJR	Date:	SEPTEMBER 2022

Terracon
Consulting Engineers and Scientists

700 NE 55th Avenue Portland, Oregon, 97213
PH. (503) 659-3281 FAX. (503) 659-1287

BULK SAMPLE LOCATIONS - INTERIOR

La Center Community Center Kitchen
1000 E 4th Street
La Center, Clark County, Washington 98629

FIGURE

2

APPENDIX D

CHAIN OF CUSTODY AND LABORATORY ANALYTICAL REPORTS

Report for:

Trevor Farrell
Terracon Consulting Eng & Scientists - Portland
700 NE 55th Ave
Portland, OR 97213

Regarding: Project: 82227169; La Center Community Center Kitchen
EML ID: 3018360

Approved by:

Dates of Analysis:
Asbestos PLM: 09-06-2022



Approved Signatory
David Andrews

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 600266-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Terracon Consulting Eng & Scientists -
Portland
C/O: Trevor Farrell
Re: 82227169; La Center Community Center Kitchen

Date of Sampling: 08-30-2022

Date of Receipt: 08-31-2022

Date of Report: 09-06-2022

ASBESTOS PLM REPORT**Total Samples Submitted:** 40**Total Samples Analyzed:** 40**Total Samples with Layer Asbestos Content > 1%:** 4**Location: CCK-1-1, Cement board system, east**

Lab ID-Version‡: 14540573-1

Sample Layers	Asbestos Content
White Texture with Paint	ND
White Skim Coat	ND
White Plaster	ND
Composite Non-Asbestos Content:	1% Cellulose
Sample Composite Homogeneity:	Moderate

Location: CCK-1-2, Cement board system, west

Lab ID-Version‡: 14540574-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
White Plaster	ND
Composite Non-Asbestos Content:	1% Cellulose
Sample Composite Homogeneity:	Moderate

Location: CCK-1-3, Cement board system, ceiling

Lab ID-Version‡: 14540575-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
White Plaster	ND
Composite Non-Asbestos Content:	1% Cellulose
Sample Composite Homogeneity:	Moderate

Location: CCK-2-1, 12"x12" white vinyl floor tile & mastic

Lab ID-Version‡: 14540576-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon Consulting Eng & Scientists -
Portland

C/O: Trevor Farrell

Re: 82227169; La Center Community Center Kitchen

Date of Sampling: 08-30-2022

Date of Receipt: 08-31-2022

Date of Report: 09-06-2022

ASBESTOS PLM REPORT**Location: CCK-2-2, 12"x12" white vinyl floor tile & mastic**

Lab ID-Version‡: 14540577-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: CCK-2-3, 12"x12" white vinyl floor tile & mastic

Lab ID-Version‡: 14540578-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: CCK-3-1, 8"x8" tan vinyl floor tile & black mastic

Lab ID-Version‡: 14540579-1

Sample Layers	Asbestos Content
Tan Leveling Compound	ND
Sample Composite Homogeneity: Good	

Location: CCK-3-2, 8"x8" tan vinyl floor tile & black mastic

Lab ID-Version‡: 14540580-1

Sample Layers	Asbestos Content
Tan Floor Tile	2% Chrysotile
Black Mastic	4% Chrysotile
Sample Composite Homogeneity: Moderate	

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

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Client: Terracon Consulting Eng & Scientists -
Portland

C/O: Trevor Farrell

Re: 82227169; La Center Community Center Kitchen

Date of Sampling: 08-30-2022

Date of Receipt: 08-31-2022

Date of Report: 09-06-2022

ASBESTOS PLM REPORT**Location: CCK-3-3, 8"x8" tan vinyl floor tile & black mastic**

Lab ID-Version‡: 14540581-1

Sample Layers	Asbestos Content
Tan Floor Tile	2% Chrysotile
Black Mastic	4% Chrysotile
Sample Composite Homogeneity: Moderate	

Location: CCK-4-1, Grey cove base & mastic

Lab ID-Version‡: 14540582-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: CCK-4-2, Grey cove base & mastic

Lab ID-Version‡: 14540583-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: CCK-4-3, Grey cove base & mastic

Lab ID-Version‡: 14540584-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon Consulting Eng & Scientists -
Portland

C/O: Trevor Farrell

Re: 82227169; La Center Community Center Kitchen

Date of Sampling: 08-30-2022

Date of Receipt: 08-31-2022

Date of Report: 09-06-2022

ASBESTOS PLM REPORT**Location: CCK-5-1, White cove base & mastic**

Lab ID-Version‡: 14540585-1

Sample Layers	Asbestos Content
White Baseboard	ND
Tan Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: CCK-5-2, White cove base & mastic

Lab ID-Version‡: 14540586-1

Sample Layers	Asbestos Content
White Baseboard	ND
Tan Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: CCK-5-3, White cove base & mastic

Lab ID-Version‡: 14540587-1

Sample Layers	Asbestos Content
White Baseboard	ND
Tan Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: CCK-6-1, Black sink undercoat

Lab ID-Version‡: 14540588-1

Sample Layers	Asbestos Content
Black Sink Undercoating	3% Chrysotile
Sample Composite Homogeneity:	Good

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon Consulting Eng & Scientists -
Portland

C/O: Trevor Farrell

Re: 82227169; La Center Community Center Kitchen

Date of Sampling: 08-30-2022

Date of Receipt: 08-31-2022

Date of Report: 09-06-2022

ASBESTOS PLM REPORT**Location: CCK-6-2, Black sink undercoat**

Lab ID-Version‡: 14540589-1

Sample Layers	Asbestos Content
Black Sink Undercoating	3% Chrysotile
Sample Composite Homogeneity: Good	

Location: CCK-7-1, CMU & grout

Lab ID-Version‡: 14540590-1

Sample Layers	Asbestos Content
Pink Cementitious Material	ND
Gray Cementitious Material	ND
Sample Composite Homogeneity: Moderate	

Location: CCK-7-2, CMU & grout

Lab ID-Version‡: 14540591-1

Sample Layers	Asbestos Content
Pink Cementitious Material	ND
Gray Cementitious Material	ND
Sample Composite Homogeneity: Moderate	

Location: CCK-7-3, CMU & grout

Lab ID-Version‡: 14540592-1

Sample Layers	Asbestos Content
Pink Cementitious Material	ND
Gray Cementitious Material	ND
Sample Composite Homogeneity: Moderate	

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Client: Terracon Consulting Eng & Scientists -
Portland
C/O: Trevor Farrell
Re: 82227169; La Center Community Center Kitchen

Date of Sampling: 08-30-2022

Date of Receipt: 08-31-2022

Date of Report: 09-06-2022

ASBESTOS PLM REPORT**Location: CCK-8-1, Grey cement**

Lab ID-Version‡: 14540593-1

Sample Layers	Asbestos Content
Gray Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: CCK-8-2, Grey cement

Lab ID-Version‡: 14540594-1

Sample Layers	Asbestos Content
Gray Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: CCK-8-3, Grey cement

Lab ID-Version‡: 14540595-1

Sample Layers	Asbestos Content
Gray Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: CCK-9-1, Shredded newspaper & dark brown fibrous insulation

Lab ID-Version‡: 14540596-1

Sample Layers	Asbestos Content
Tan Insulation	ND
Brown Insulation	ND
Composite Non-Asbestos Content:	60% Cellulose 35% Glass Fibers
Sample Composite Homogeneity:	Moderate

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‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon Consulting Eng & Scientists -
Portland

C/O: Trevor Farrell

Re: 82227169; La Center Community Center Kitchen

Date of Sampling: 08-30-2022

Date of Receipt: 08-31-2022

Date of Report: 09-06-2022

ASBESTOS PLM REPORT**Location: CCK-9-2, Shredded newspaper & dark brown fibrous insulation**

Lab ID-Version‡: 14540597-1

Sample Layers	Asbestos Content
Tan Insulation	ND
Brown Insulation	ND
Composite Non-Asbestos Content:	75% Cellulose 20% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: CCK-9-3, Shredded newspaper & dark brown fibrous insulation

Lab ID-Version‡: 14540598-1

Sample Layers	Asbestos Content
Tan Insulation	ND
Brown Insulation	ND
Composite Non-Asbestos Content:	80% Cellulose 15% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: CCK-10-1, White cabinet wall panel mastic

Lab ID-Version‡: 14540599-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

Location: CCK-10-2, White cabinet wall panel mastic

Lab ID-Version‡: 14540600-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

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Client: Terracon Consulting Eng & Scientists -
Portland

C/O: Trevor Farrell

Re: 82227169; La Center Community Center Kitchen

Date of Sampling: 08-30-2022

Date of Receipt: 08-31-2022

Date of Report: 09-06-2022

ASBESTOS PLM REPORT**Location: CCK-10-3, White cabinet wall panel mastic**

Lab ID-Version‡: 14540601-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

Location: CCK-11-1, Blue cabinet wall panel mastic

Lab ID-Version‡: 14540602-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Sample Composite Homogeneity:	Good

Location: CCK-11-2, Blue cabinet wall panel mastic

Lab ID-Version‡: 14540603-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Sample Composite Homogeneity:	Good

Location: CCK-12-1, Tan leveling compound

Lab ID-Version‡: 14540604-1

Sample Layers	Asbestos Content
Tan Leveling Compound	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

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Client: Terracon Consulting Eng & Scientists -
Portland
C/O: Trevor Farrell
Re: 82227169; La Center Community Center Kitchen

Date of Sampling: 08-30-2022

Date of Receipt: 08-31-2022

Date of Report: 09-06-2022

ASBESTOS PLM REPORT**Location: CCK-12-2, Tan leveling compound**

Lab ID-Version‡: 14540605-1

Sample Layers	Asbestos Content
Tan Leveling Compound	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: CCK-13-1, Dark grey building paper

Lab ID-Version‡: 14540606-1

Sample Layers	Asbestos Content
Dark Gray Paper	ND
White Drywall	ND
Composite Non-Asbestos Content:	70% Cellulose
Sample Composite Homogeneity:	Moderate

Location: CCK-13-2, Dark grey building paper

Lab ID-Version‡: 14540607-1

Sample Layers	Asbestos Content
Dark Gray Paper	ND
White Drywall	ND
Composite Non-Asbestos Content:	70% Cellulose
Sample Composite Homogeneity:	Moderate

Location: CCK-13-3, Dark grey building paper

Lab ID-Version‡: 14540608-1

Sample Layers	Asbestos Content
Dark Gray Paper	ND
White Drywall	ND
Composite Non-Asbestos Content:	70% Cellulose
Sample Composite Homogeneity:	Moderate

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Client: Terracon Consulting Eng & Scientists -
Portland

C/O: Trevor Farrell

Re: 82227169; La Center Community Center Kitchen

Date of Sampling: 08-30-2022

Date of Receipt: 08-31-2022

Date of Report: 09-06-2022

ASBESTOS PLM REPORT**Location: CCK-14-1, White cabinet countertop**

Lab ID-Version‡: 14540609-1

Sample Layers	Asbestos Content
White Countertop	ND
Yellow Adhesive	ND
Sample Composite Homogeneity:	Moderate

Location: CCK-14-2, White cabinet countertop

Lab ID-Version‡: 14540620-1

Sample Layers	Asbestos Content
White Countertop	ND
Yellow Adhesive	ND
Sample Composite Homogeneity:	Moderate

Location: CCK-15-1, Blue cabinet countertop

Lab ID-Version‡: 14540621-1

Sample Layers	Asbestos Content
Blue Countertop	ND
Yellow Adhesive	ND
Sample Composite Homogeneity:	Moderate

Location: CCK-15-2, Blue cabinet countertop

Lab ID-Version‡: 14540622-1

Sample Layers	Asbestos Content
Blue Countertop	ND
Sample Composite Homogeneity:	Moderate

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CHAIN OF CUSTODY

www.EMLabPK.com

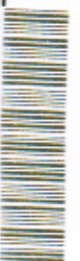


EMLab P&K

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 Phoenix, AZ: 1501 West Knudsen Drive, Phoenix, AZ 85027 * (800) 651-4802
 SSF, CA: 6000 Shoreline Ct, Ste. 205, S. San Francisco, CA 94080 * (866) 888-6653

WEATHER	Fog	Rain	Snow	Wind	Clear
None					
Light					
Moderate					
Heavy					

REQUESTED SERVICES 03018360



CONTACT INFORMATION

Company: Terracon Consulting Eng & Scientists - Portland (20053) 700 NE 55th Ave Portland, OR 97213
 Contact: Trevor Farrell
 Phone: 503-659-3281
 Special Instructions:

PROJECT INFORMATION

Project ID: 8122-1169
 Project Description: La Center Community Center Antennae
 Project Zip Code: 97301
 Project PO Number: By: Trevor Farrell

TURN AROUND TIME CODES - (TAT)

STD - Standard (Default)
 ND - Next Business Day
 SD - Same Business Day
 WH - Weekend/Holiday/ASAP
 Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)
-----------	-------------	---------------------	-------------	-----------------------------------	-------------------------------------

see

attached

SAMPLE TYPE CODES

BC - BioCassette™
 CP - Contact Plate
 ST - Spore Trap
 SW - Swab
 SO - Soil
 P - Potable Water
 D - Dust

RELINQUISHED BY

DATE & TIME

RECEIVED BY

DATE & TIME

Non-Culturable

Spore Trap
 Tape, Swab, Bulk
 BioCassette™ Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate

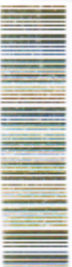
Culturable

Other Requests

Spore Trap Analysis
 Other biological particles - supplement
 Direct Microscopic Exam (Qualitative)
 Quantitative spore count direct exam
 Dust Characterization
 1-Media Surface Fungi (Genus ID + Asp. spp.)
 Culturable Air Fungi (Genus ID + Asp. spp.)
 Gram Stain and Counts (Culturable Air and Surface Bacteria)
 Legionella culture
 Total Coliform, E.coli (Presence/Absence)
 QuantiTray-Sewage Screen
 OTHER: (please specify test)
 Asbestos in Air - PCM Airborne Fiber Count (NIOSH 7400)
 Asbestos Bulk - PLM
 Lead (Pb) - Flame AA
 PCR (please specify test)
 Allergens (please specify test)

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.emlab.com/terms-of-service>

Property Name: La Center Community Center		Project Area: Kitchen		Project Number: 82227169		Date of Inspection: 8/30	
Property Address: 1000 E 4th St, La Center		Floor(s) / Areas Surveyed:		Inspector(s): Trevor Fawcett			
Material Type and Descriptions		Sample Number and Location		HA Quantities and HA Location		Current Condition	Potential Future Damage
HA #	Material Type:						
Material Description							
1		CCL-1-1	East	located on which floor:		Good	Contact: None L M H
		-1-2	West	located in which room/area:		Damaged	Vibration: None L M H
		-1-3	Ceiling			Significantly Damaged	Water: None L M H
							Air Erosion: None L M H
Primary Color:							
Other Material Details:							
Texture: Fluted Grooved Rough Smooth Not Visible NA							
Finish: Fluted Cat 1 Cat 2 SACM NCM							
HA #	Material Type:						
2		CCL-2-1		located on which floor:		Good	Contact: None L M H
		-2-2		located in which room/area:		Damaged	Vibration: None L M H
		-2-3				Significantly Damaged	Water: None L M H
Material Description							
12"x12" white vinyl floor tile & wash							
Primary Color:							
Other Material Details:							
Texture: Fluted Grooved Rough Smooth Not Visible NA							
Finish: Fluted Cat 1 Cat 2 SACM NCM							
Additional Notes:							
Samples Collected By: _____ Date: _____							
Samples Requisitioned By: _____ Date: _____							
Samples Requisitioned to: _____ Date: _____							
Photo of HA(s) Collected: _____							



003018360

Property Name:		Project Area:		Project Number:		Date of Inspection:	
Material Type and Description:		Floor(s) / Areas Surveyed:		Inspector(s):		Current Condition	
HA #		Sample Number and Location		HA Quantities and HA Location		Potential Future Damage	
3	Material Type:	CCU-3-1		located on which floors:		Good	
Material Description:		-3-2		located in which rooms/areas:		Damaged	
8" x 8" tan ceramic vinyl floor tile + waste		-3-3		Under HA-2		Significantly Damaged	
Primary Color:				Locations of HA with area:		Physical Damage	
Other Material Details:				Ceiling Wall Floor Roof Stairs Interstitial Spaces Other:		Water Damage	
Texture: Fluted Grooved Rough Smooth Not Visible NA				HA Quantities:		Air Erosion	
NESHAP: Friction Cat 1 Cat 2 SACM NSM				300 SF			
4	Material Type:	CCU-4-1		located on which floors:		Good	
Material Description:		-4-2		located in which rooms/areas:		Damaged	
grey concrete + waste		-4-3		B		Significantly Damaged	
Primary Color:				Locations of HA with area:		Physical Damage	
Other Material Details:				Ceiling Wall Floor Roof Stairs Interstitial Spaces Other:		Water Damage	
Texture: Fluted Grooved Rough Smooth Not Visible NA				HA Quantities:		Air Erosion	
NESHAP: Friction Cat 1 Cat 2 SACM NSM				25 LF			

Photo of HA(s) Collected:



Samples Collected By:

Samples Refrigerated By:

Samples Refrigerated to:



003018360

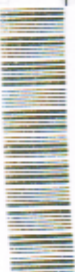
Specimens Collected By

Date:

Samples Relinquished to:

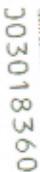
Date:

Photo of MA(s) Collected



103018360

Samples Relinquished to _____
Date: _____



Property Name:		Project Area:		Project Number:		Date of Inspection:	
Property Address:		Floor(s) / Areas Surveyed:		Inspector(s):			
Material Type and Descriptions		Sample Number and Location		HA Quantities and HA Location		Current Condition	Potential Future Damage
HA #	Material Type:			Located on which floor:		Good	Contact: None L M H
9		* CCL-9-1		Located in which rooms/areas:		Damaged	Vibration: None L M H
Material Description						Significantly Damaged	Air Erosion: None L M H
Primary Color:							
Other Material Details:							
Texture: Fissured Grooved Rough Smooth Not Visible NA							
HA #	Material Type:			Locations of HA with area:		Physical Damage	Water: None L M H
10		CCL-10-1		HA Quantities:		Water Damage	Air Erosion: None L M H
Material Description				Located on which floor:		Air Erosion	
Primary Color:							
Other Material Details:							
Texture: Fissured Grooved Rough Smooth Not Visible NA							
Material Description				Located in which rooms/areas:		Good	Contact: None L M H
Primary Color:						Damaged	Vibration: None L M H
Other Material Details:						Significantly Damaged	Air Erosion: None L M H
Texture: Fissured Grooved Rough Smooth Not Visible NA							
Material Description				Locations of HA with area:		Physical Damage	Water: None L M H
Primary Color:				HA Quantities:		Water Damage	Air Erosion: None L M H
Other Material Details:				Located on which floor:		Air Erosion	
Texture: Fissured Grooved Rough Smooth Not Visible NA							

Samples Collected By:

Samples Relinquished By:

Date:

Samples Relinquished to:

Date:

Photo of HA(s) Collected:



003018360

Asbestos Inspection Detail and Chain of Custody

Property Name:		Project Area:		Project Number:		Date of Inspection:	
Material Type and Description:		Floor(s) / Areas Surveyed:		Inspector(s):		Material and Hazard Location	
HA #	Material Type:	Sample Number and Location		Located on which floors:		Current Condition	Potential Future Damage
11		CCL-11-1		Located in which rooms/areas:		Good	Contact: None L M H
		-11-2				Significantly Damaged	Vibration: None L M H
Material Description						Physical Damage	Air Erosion: None L M H
Primary Color:						Water Damage	Water None L M H
Other Material Details:						Air Erosion	
Texture: Finured Grooved Rough Smooth Not Visible NA							
HA #	Material Type			HA Quantities:			
12		CCL-12-1		2 CF		Good	Contact: None L M H
Material Description		-12-2		Located on which floors:		Damaged	Vibration: None L M H
tan leveling compound				Located in which rooms/areas:		Significantly Damaged	Air Erosion: None L M H
Primary Color:				Locations of HA with area:			
Other Material Details:				Ceiling Wall Floor Roof Stairs Interstitial Spaces Other:		Physical Damage	Water None L M H
Texture: Finured Grooved Rough Smooth Not Visible NA				HA Quantities:		Water Damage	
MESHAP: Friable Cat 1 Cat 2 SACM NSM				Unknown		Air Erosion	

Photo of Matrix Collected:

Samples Collected By:

Samples Relinquished By:

Samples Relinquished to:

Date:

Date:



003018360

Property Name:		Project Area:		Project Number:		Date of Inspection:	
Property Address:		Floor(s) / Areas Surveyed:		Inspector(s):			
Material Type and Descriptions		Sample Number and Location		HA Quantities and HA Location		Current Condition	Potential Future Damage
HA #	Material Type:			located on which floor:		Good	Contact: None L M H
13		CCU-13-1				Damaged	Vibration: None L M H
Material Description:		-13-2		located in which room/areas:		Significantly Damaged	Air Erosion: None L M H
dark grey building paper		-13-3		a the on floor HA1			
Primary Color:				Locations of HA with area:		Physical Damage	None L M H
Other Material Details:				Ceiling Wall Floor Roof Stairs Interstitial Spaces Other:		Water Damage	Water
Texture: Insured Grooved Rough Smooth Not Visible NA				HA Quantities:		Air Erosion	None L M H
HA #	Material Type:			located on which floor:		Good	Contact: None L M H
14		CCU-14-1				Damaged	Vibration: None L M H
Material Description:		-14-2		located in which room/areas:		Significantly Damaged	Air Erosion: None L M H
White cabinet counter top				HA Quantities:		Physical Damage	Water
Primary Color:				Locations of HA with area:		Water Damage	None L M H
Other Material Details:				Ceiling Wall Floor Roof Stairs Interstitial Spaces Other:		Air Erosion	None L M H
Texture: Insured Grooved Rough Smooth Not Visible NA				HA Quantities:			
NESHAP: friable Cat 1 Cat 2 SACM NSM		-12-5		15 sf			
Additional Notes:		CCU-12-1					

Photo of HA(s) Collected :

Samples Collected By:

Samples Reinspected By:

Samples Retain

Date:

Date:

Date:



003018360

Property Name:		Project Area:		Project Number:		Date of Inspection:	
Property Address:		Floor(s) / Areas Surveyed:		Inspector(s):			
Material(s) and Description(s):		Sample Number and Location:		HA Quantities and HA Location		Current Condition	
HA #	Material Type:			Located on which floors:		Contact:	
15		CCU-15-1		Located in which rooms/areas:		None L M H	
Material Description:		-15-2				Vibration:	
Blue Corbinet countertop						None L M H	
Primary Color:				Locations of HA with area:		Air Erosion:	
Other Material Details:				Ceiling Wall Floor Roof Stairs Interstitial Spaces Other:		None L M H	
Texture: Floured Grooved Rough Smooth Not Visible NA				HA Quantities:		Water Damage	
MESHAP: Flaked Cat 1 Cat 2 SACM NSM				BOSS		None L M H	
HA #	Material Type:			Located on which floors:		Air Erosion	
16						Good	
Material Description:				Located in which rooms/areas:		Contact:	
						None L M H	
						Vibration:	
						None L M H	
Primary Color:				Locations of HA with area:		Air Erosion:	
Other Material Details:				Ceiling Wall Floor Roof Stairs Interstitial Spaces Other:		None L M H	
Texture: Floured Grooved Rough Smooth Not Visible NA				HA Quantities:		Physical Damage	
MESHAP: Flaked Cat 1 Cat 2 SACM NSM						Water Damage	
						None L M H	
						Air Erosion	
						Water	
						None L M H	

Photo of HA(s) Collected:

Samples Collected By:

Samples Relinquished By:

Samples Relinquished to:

Date:

Date:

Date:



003018360

APPENDIX E

PHOTOGRAPHS



Photo 1 General view of the exterior of the kitchen (Project Area), facing northwest.



Photo 2 View of the interior of the Project Area.



Photo 3 View of the attic space above the kitchen.



Photo 4 HA-3: 8"x8" tan vinyl floor tile (2# Chrysotile) and black mastic (4% Chrysotile).



Photo 5 General view of the project area with HA-6: Black sink undercoat (3% Chrysotile).