December 30, 2022

Gordon Holman
City of Boulder
1720 13th Street
Boulder, CO 80306

Re: Boulder Public Library at 1001 Arapahoe Avenue, Boulder, CO 80302
Methamphetamine Preliminary Assessment Inspection & Sampling

Dear Mr. Holman:

As you explained to Herron Enterprises USA, Inc. (Herron) and Quality Environmental Services & Technologies, Inc. (QUEST), the Boulder Public Library located at 1001 Arapahoe Avenue is used both as a library and as a municipal open space and has a history of drug use in the bathrooms. The City of Boulder retained QUEST to conduct limited meth sampling then a preliminary assessment for meth at the subject property. On December 12, 2022, QUEST Industrial Hygienist Robert A. Woellner conducted a preliminary site inspection and limited sampling for meth in the bathroom exhaust vents. Based on the laboratory findings of amplified concentrations of meth, QUEST Industrial Hygienists Tony Konowal and Robert Woellner conducted additional meth sampling on December 20th and 21st, 2022. In total, QUEST collected ninety-nine (99) four composite and discrete samples for meth (including the required blanks) to quantify meth in locations throughout the two building library complex. This report summarizes the preliminary assessment inspection and sampling results.

Inspection & Observations

At your request, on December 12, 20, and 21, 2022, the QUEST representatives conducted inspections of the subject site for evidence of significant chemical residue and/or disposal of waste products associated with meth production and use. QUEST conducted the preliminary assessment inspection and sampling assessment for meth in general accordance with the Colorado State criteria for sampling. Based on the size and complexity of the building complex, as well as the history of knowing the likely locations of drug use; QUEST focused our sampling on the locations deemed most likely to have the highest concentrations of meth, as well as those that contained the highest risk of exposure. The following preliminary assessment observations and findings are provided in the order specified within Colorado Regulation CDPHE 6 CCR 1014-3, Section 4.0:

4.1 **Property Description:** According to the Boulder County Assessor's online database, the legal description for the property located at 1001 Arapahoe Avenue is: TRACTS 57 57A 58 58A 59 & 60 31-1N-70 & SUBLOT J LOT 10 SMITHS & PT VACATED 10TH ST & RIVERSIDE ST PER ORDINANCE 5332. The subject property

included an approximately 50,000 square foot main library building, and an approximately 35,000 square foot attached north building connected by a bridge over Boulder Creek. The interconnected north building legal description is on BLKS 11 & 12 & TRACK ADJACENT TO BLK 11 ON THE WEST - BOULDER O T & PT LOT 9 SMITHS ADDITION TO BOULDER & VAC RIVERSIDE ST & 10TH ST & 11TH ST. There were no library-used sheds/outbuildings on the subject property, although public bathrooms were near the subject site (though not part of this assessment). The main library building comprised a main level and upper level with open library book racks, seating areas, computer use areas, offices, meeting rooms, restrooms, storage rooms, and other standard library public spaces and administrative offices. The main library building also contained a full basement that housed the maintenance areas, book return, main mechanical systems, and storage rooms. The basement is not open to the public. In addition to the approximately 50,000 square foot main library (south) building, the complex included an approximately 35,000 square foot north building that had a main level and an upper level that contained an auditorium, offices, news offices and studio, conference rooms, storage rooms, and mechanical spaces. The south and north buildings are connected by a bridge walkway that contained a small deli type food service area and seating areas. The north building contained two enclosed outdoor seating / garden areas that were accessible from the building interior. The buildings were open to the public through December 19th when the first set of laboratory results identified amplified concentrations of meth in the bathroom exhaust ducts. Since December 19th, the library has been closed to the public while additional sampling and remediation are being conducted. No recently painted areas were observed.

4.2 **Review of Law Enforcement Reports:** QUEST is not aware of any meth-related law enforcement reports for the subject property, though the City of Boulder representatives stated that the site has a known history of drug use.

4.3 **Description of Structural Features:** The subject property included an approximately 50,000 square foot south main library building, an approximately 35,000 square foot north administrative, office, and auditorium building, and a bridge/walkway connecting the two buildings. The main library building comprised a main level and upper level with open library book racks, seating areas, computer use areas, offices, meeting rooms, restrooms, storage rooms, and other standard library public spaces and administrative offices. The main library building also contained a full basement that housed the maintenance areas, book return, main mechanical systems, and storage rooms. The basement is not open to the public. In addition to the main library building, the complex included a north building that had a main level and an upper level that contained an auditorium, offices, news studios, conference rooms, storage rooms, and multiple upper, main, and lower level mechanical spaces. The south and north buildings are connected by a bridge walkway that contained a small deli type food service area and seating areas. The north building contained two enclosed outdoor seating / garden areas that were accessible from the building interior.

4.4 **Description of Outdoor Areas:** The north building has two enclosed outdoor seating and garden areas that are accessible to the public from within the building. In

addition to the enclosed seating/garden areas, the library complex is surrounded by public open space that contains encampments and temporary residential areas and associated surface debris, but no observed meth production related contamination. QUEST observed no meth-specific waste, staining, burn pits, or stressed vegetation other than from heavy public use.

4.5 **Identification of Manufacturing Methods:** The potential for manufacturing and any manufacturing methods are unknown. There were no visible signs of meth manufacturing.

4.6 **Identification of Chemicals Used:** The potential for manufacturing and the potential presence of any chemicals used are unknown. At the time of our inspection, no meth-specific chemicals were identified as remaining in the residence.

4.7 **Identification of Contaminated Areas and Areas Sampled:** QUEST generally inspected the exterior ground surface of the property and identified no obviously meth-production specific waste piles, buried waste, burn pits, or chemical disposal on or around the exterior of the library complex. For safety reasons, QUEST's site inspection did not include an inspection of the outdoor encampment / temporary housing areas. QUEST also inspected the interior of the library and office complex buildings and observed no signs of meth cooking related staining, oxidation, or damage. Discarded drug use paraphernalia was observed in the main level bathrooms, and each bathroom contained sharps disposal containers. During our first site inspection and sampling assessment on December 12, 2022, Herron and QUEST conducted trace gas monitoring including total volatile organic compounds (TVOCs). The only amplified concentrations of TVOC concentrations identified were immediately adjacent to the air scrubber discharge port in the main level all gender restroom. While on site, QUEST recommended that the air scrubber carbon filter be replaced. Litmus paper testing was not used. On December 12, 2022 QUEST collected six (6) four-composite meth samples and a blank, on December 20th, QUEST collected an additional forty-two (42) four-composite and discrete meth samples and the required blanks. And on December 21, 2022, QUEST collected an additional fifty (50) four-composite and discrete samples and required blanks. The sampling locations were selected to represent the most likely suspected use, storage, contact, and/or disposal areas throughout the subject site, as well as the most likely exposure surfaces in accordance with 6 CCR 1014-3, § 6. See section 4.15 for sample results by location.

4.8 **Identification of Chemical Storage Areas, Waste Disposal Areas, Cooking Areas, and/or Use Areas:** Possible chemical storage areas include publicly accessible closets, shelves, cabinets, and storage areas. All publicly accessible chemical storage areas were inspected, with no indication of meth related chemical storage positively identified. Possible disposal areas include the sinks, toilets, rubbish bins, and outdoor soils. All potential disposal areas within the publicly accessible interior of the building were inspected, with no indication of meth-related waste disposal areas positively identified. Possible cooking areas include the kitchens and bathrooms. No cooking or use areas were positively identified other than the bathrooms (where drug paraphernalia were observed). Potential use areas could include all areas in, or around, the publicly accessible bathrooms.

QUEST inspected the interior of the subject site and observed no signs of meth-cooking related staining, oxidation, or damage.

4.9 **Identification of Signs of Contamination:** QUEST generally inspected the exterior ground surface of the property (excluding the encampment/temporary residential areas) and identified no signs of meth-specific waste piles, buried waste, burn pits, or chemical disposal on or around the exterior of the library. There were no signs of stressed vegetation other than from lack of water and heavy use. QUEST inspected the interior of the subject buildings and observed no signs of meth-cooking related staining, oxidation, or damage. Drug paraphernalia were observed in the main building bathrooms.

4.10 **Inspection of Plumbing System:** A detailed plumbing inspection is outside of QUEST's scope of work. However, a general inspection of the accessible plumbing features revealed the areas to be under normal conditions. Normal wear and tear but no chemical etching, abnormal oxidation, or residue was observed. As a precaution, QUEST recommends that the plumbing system be flushed with generous amounts of water and inspected by a qualified plumber.

4.11 **Identification of Adjacent Units and Common Areas Where Contamination May Have Migrated:** The property comprises two stand-alone buildings connected by a walkway / bridge. The two-building library complex does not share common walls or systems with any other adjacent structures. The potential for significant contamination migration to nearby properties appeared to be unlikely. Possible disposal/migration areas include the sinks, toilets, and floor drains that are connected to the municipal sanitary sewer system. None of the potential disposal/migration areas inspected contained significant chemical etching or meth-specific residue.

4.12 **Identification of Common Ventilation Systems:** The property comprises two stand-alone buildings connected by a bridge / walkway. The interconnected library complex does not share any common walls or systems with any adjacent structures. The library complex contains multiple large commercial forced air heating ventilation and air conditioning systems, as well as a number of building interior unit ventilators and mini-split air conditioners, as well as several roof top air handler units.

4.13 **Identification of Painted-Over Surfaces:** QUEST did not observe any recently painted surfaces (since the cessation of meth use). QUEST advises the client that no additional painting or sealing of any surfaces may be done until all final clearance sampling is successfully completed and the owner receives clearance from the governing body.

4.14 **Photographs of Property Conditions:** Please see the attached photographs for general site conditions as well as photographs of the sampling locations that contained meth in excess of the State clearance level. Including the attached photographs, QUEST maintains approximately 551 photographs of the property and its condition at the times of our December 12th, 20th, and 21st, 2022 preliminary assessment inspections.

4.15 **Samples Collected:** On December 12, 2022, QUEST collected six (6) four-composite wipe samples of 400 cm^2 in size (plus one blank) from twenty-four (24) locations containing the suspected production areas, use, storage, contact, and/or disposal areas throughout the property in accordance with 6 CCR 1014-3, Part 1, § 6. On December 20, 2022, QUEST collected thirty-four (34) four-composite and four (4) discrete wipe samples (plus four blanks) from one hundred forty (140) locations. On December 21, 2022, QUEST collected thirty-six (36) four-composite and nine (9) discrete wipe samples (plus five blanks) from one hundred fifty-three (153) locations. The QUEST representatives collected the wipe samples following the regulatory S-patterns then square pattern wipe sampling protocol using isopropanol-saturated 2x2-inch gauze wipes, plastic sample transport vials, laboratory sample transport bags, pre-purchased 100 cm^2 sampling templates, duct tape, and Nitrile exam gloves. It should be noted that when sampling locations did not have flat surfaces of 100cm^2, the industrial hygienists made every effort to sample exactly 100cm^2 in area by such means as sampling the tops and bottoms of fan blades, diffuser slats, etc. See the table below for the preliminary assessment sample results by location. Please see the attached building layout figure for sample locations.

The seven (7) samples collected by QUEST on December 12, 2022 were submitted to Analytical Chemistry, Inc. (ACI) and the ninety-two (92) samples collected by QUEST on December 20 and 21, 2022 were submitted to Eurofins Reservoirs Environmental, Inc. (Reservoirs) for meth analysis by Gas Chromatograph-Mass Spectrometry following modified NIOSH Method 9109: *METHAMPHETAMINE and Illicit Drugs, Precursors, and Adulterants on Wipes by Solid Phase Extraction* (Issue 1, October 17, 2011) or equivalent. The laboratory QA/QC documentation, analytical report, and chain-of-custody documentation are attached. QUEST QA/QC procedures included the collection, transport and analysis of 10% field blanks (in this case ten blanks for the eighty-two samples collected). QUEST submitted the samples, blanks, and chain-of-custody paperwork to ACI via FedEx next-day delivery and to Reservoirs via same-day hand delivery. QUEST reviewed the laboratory report QA/QC parameters to verify the validity of the sample results. All six (6) of the December 12, 2022 sampled locations, three (3) of the December 20, 2022 sampled locations, and two (2) of the December 21, 2022 sampled locations contained a detected concentration of meth that exceeded the cleanup standard of 0.5 µg/100 cm^2. In the following table, samples designated with a, b, c, or d are four-composite samples, whereas samples designated by numbers only are 100 cm^2 discrete samples. For ease of reading, the sample locations that exceeded the cleanup standard are presented in bold print.

Sample No.	Date Tested	Sample Location(s)		Concentration
-01	*Dec. 12, 2022*	**Main Level All Gender Restroom Exhaust Duct Interiors**	**a. 1st Stall (ADA), exhaust fan grille (interior)** **b. 2nd Stall, exhaust fan grille (interior)** **c. 4th Stall, exhaust fan grille (interior)** **d. 6th Stall, exhaust fan grille (interior)**	**>75 µg/100 cm^2**

-02	*Dec. 12, 2022*	**Main Level Women's Restroom Ducts and Surfaces**	**a. Return air plenum top of ceiling b. Exhaust fan (interior) c. Heat exchanger, supply side grille (int.) d. Entry door, interior side**	**25 µg/100 cm^2**
-03	*Dec. 12, 2022*	**Upper Level All Gender Restroom Exhaust Ducts**	**a. 1st Stall (ADA), exhaust vent (interior) b. 3rd Stall, exhaust vent (interior) c. 5th Stall, exhaust vent (interior) d. 7th Stall, exhaust vent (interior)**	**>75 µg/100 cm^2**
-04	*Dec. 12, 2022*	**Upper Level Men's Restroom Exhaust Ducts and Contact Surfaces**	**a. Return air plenum top of ceiling b. Exhaust fan grille (interior) c. Heat exchanger, supply side grille (int.) d. Entry door, interior side**	**>75 µg/100 cm^2**
-05	*Dec. 12, 2022*	**North Building Women's Restroom Exhaust Duct and Contact Surfaces**	**a. Return Air Plenum b. Exhaust fan (interior) c. Top of sharps container d. Entry door (exit button)**	**4.8 µg/100 cm^2**
-06	*Dec. 12, 2022*	**North Building Men's Restroom Exhaust Duct and Contact Surfaces**	**a. Return air plenum b. Exhaust fan (interior) c. Vent grille d. Entry door (exit button)**	**13 µg/100 cm^2**
-01	Dec. 20, 2022	Conoid (Entry Vestibule)	a. Stone wall (NW) b. Stone bench (SE) c. S entry door, interior side d. stone bench @ supply air vent	0.036 µg/100 cm^2
-02	Dec. 20, 2022	Entry Corridor	a. S wall, central b. N wall fire alarm c. N wall (stone column) d. S wall, floor by trash/compost bin	0.16 µg/100 cm^2
-03	Dec. 20, 2022	Main Level Great Room (Seating Areas)	a. S side window ledge, W end b. S side DVD rack (Sci-Fi) c. E side window ledge by S emergency door d. E side cube table by N emergency door	0.019 µg/100 cm^2
-04	Dec. 20, 2022	**Main Level Great Room Seating Area Booths**	**a. Booth (S end), ledge between seat and wall b. Booth (central), seat back/cushion c. Booth (cent.), ledge between seat and wall d. Window sill, N end**	**1.3 µg/100 cm^2**
-05	Dec. 20, 2022	Main Level Great Room (Book Racks)	a. Graphic Novel (K-Z) b. Sci-Fi/Fantasy (A-E) c. Fiction (Benn-Chik) d. New Mystery	0.049 µg/100 cm^2
-06	Dec. 20, 2022	Main Level Great Room (Spiral Stairs)	a. Hand rail (at main level) b. Hand rail (midway) c. Hand rail (midway) d. Hand rail (at upper level)	<0.013 µg/100 cm^2
-07	Dec. 20, 2022	Main Level	a. E wall (stone) at screen controls	0.019 µg/100 cm^2

		Children's Theater	b. Seating (1st tier), NW corner c. W wall, central d. N wall, column by steps door	
-08	Dec. 20, 2022	Main Level Children's Story Time Area	a. Kid's Staff Picks book rack b. Performance wall, S end c. Orange seating/ledge, SW corner d. Column, N side	<0.013 µg/100 cm^2
-09	Dec. 20, 2022	Main Level Children's Book Racks	a. Non-Fiction (400-574) b. Easy readers c. Blue booth seat cushion, NE corner d. Train table, N-central nook	<0.013 µg/100 cm^2
-10	Dec. 20, 2022	Main Level Children's (Family) Sm. Bathroom	a. Changing station b. Entry door, interior side c. N wall (by toilet) d. Ceiling (by exhaust fan)	<0.013 µg/100 cm^2
-12	Dec. 20, 2022	Main Level Children's (Family) Lg. Bathroom	a. Changing station b. Entry door, interior side c. N wall (by toilet) d. Ceiling (by exhaust fan)	<0.013 µg/100 cm^2
-13	Dec. 20, 2022	Main Level Children's Ceiling Plenum	a. N end (W side) top of ceiling tile b. S end (W side) top of ceiling tile c. N end (E side) top of ceiling tile d. S end (E side) top of ceiling tile	0.018 µg/100 cm^2
-14	Dec. 20, 2022	Bridge / Walkway Between Buildings	a. S end (E wall) heater / hand rail b. S end (W wall) c. N end (N wall) seat back / window d. N end (W wall) baseboard heat	0.10 µg/100 cm^2
-15	Dec. 20, 2022	Bridge Café	a. Toast register counter b. Sugar dispenser counter c. Beverage refrigerator counter d. S end (window/ledge)	0.013 µg/100 cm^2
-16	Dec. 20, 2022	Main Library Upper Level Great Room Computer Lab	a. Table 4 b. Table 19 c. Table 26 d. Courtesy phone counter	<0.013 µg/100 cm^2
-17	Dec. 20, 2022	Upper Level Great Room Seating	a. NW - Reference book rack (001-338) b. SE - Table by empty magazine racks c. Quiet Area – table by fire extinguisher d. Magazine Area – top of chairs	<0.013 µg/100 cm^2
-18	Dec. 20, 2022	Upper Level Admin Reception & Corridor	a. Reception – computer table b. Entry door, interior side c. N wall, top of painting d. S wall, door to exterior (interior side)	<0.013 µg/100 cm^2
-19	Dec. 20, 2022	Upper Level Admin Library Director's Office	a. Desk with laptop b. Entry door, interior side c. N wall, top of cabinets d. W wall, door to exterior (interior side)	<0.013 µg/100 cm^2
-20	Dec. 20, 2022	Upper Level Admin Library Deputy Director's Office	a. Computer table b. Entry door, interior side c. S wall, top of file cabinet d. W wall, door to exterior (interior side)	<0.013 µg/100 cm^2

-21	Dec. 20, 2022	Upper Level Admin Finance Office	a. Computer mouse b. Desk by computer station c. Desk corner by door d. Interior door knob	<0.013 µg/100 cm^2
-23	Dec. 20, 2022	Upper Level Admin Manager's Office	a. Computer mouse b. Desk central by window c. Table by door d. Entry door, interior side	<0.013 µg/100 cm^2
-24	Dec. 20, 2022	Upper Level Admin Kitchen & Copy Area	a. Top of south file cabinet b. Cabinet above sink c. Copier touchpad d. Refrigerator handle	<0.013 µg/100 cm^2
-25	Dec. 20, 2022	Upper Level Admin Offices/Cubicles Area	a. Entry door, interior side b. Work table, NE corner c. Second cubicle keyboard d. Air blower base	<0.013 µg/100 cm^2
-26	Dec. 20, 2022	Upper Level Admin Staff Bathrooms	a. Entry door, interior side b. Table, front right c. Paper towel dispenser d. Top of soap dispenser	<0.013 µg/100 cm^2
-27	Dec. 20, 2022	Upper Level Study Room South	a. Entry door, interior side b. Table corner front left c. Chair d. Floor, under chair	0.058 µg/100 cm^2
-28	Dec. 20, 2022	Upper Level Study Room North	a. Entry door, interior side b. Table corner front left c. Chair d. Floor, back corner	<0.013 µg/100 cm^2
-29	Dec. 20, 2022	Upper Level Stacks South	a. Book racks SW (001-099) b. SE corner orange chair c. E-central gray rocking chair d. Book racks NE (500-515.9)	0.12 µg/100 cm^2
-30	Dec. 20, 2022	Upper Level Stacks Central	a. SE corner radiant heater b. Book racks E (796.54-799.9) c. NE corner bench d. Book racks E-central (746.92092-759.39)	0.013 µg/100 cm^2
-31	Dec. 20, 2022	Upper Level Seating Lounge	a. W wall heater / hand rail b. NW chair back c. NW electrical plugs d. Garbage/recycling bin	0.33 µg/100 cm^2
-32	Dec. 20, 2022	Upper Level Teen Space	a. Air fan base b. Teen computer keyboard #1 c. Teen computer keyboard #6 d. Gaming console remote	<0.013 µg/100 cm^2
-34	Dec. 20, 2022	Upper Level Teen Sound Room	a. Light switch b. White keyboard c. Black keyboard d. Ceiling return air grille	<0.013 µg/100 cm^2
-35	Dec. 20, 2022	Building Air Entry (indoor side of air entry louvers)		0.40 µg/100 cm^2
-36	Dec. 20, 2022	Cooling Bypass		0.24 µg/100 cm^2
-37	Dec. 20, 2022	Fan Room		0.050 µg/100 cm^2

-38	Dec. 20, 2022	Return Air Louvers		0.18 µg/100 cm^2
-39	Dec. 20, 2022	Custodial Desk Area	a. Main desktop, center b. Secondary desktop, center c. Green chair hand/arm rest d. Clothes locker	0.013 µg/100 cm^2
-40	Dec. 20, 2022	**Main Level All Gender Bathroom Contact Surfaces Only**	**a. Sinks, top of sharps container** **b. Baby changing table** **c. Middle stall, interior side handle** **d. Air filter exhaust on changing table**	**7.9 µg/100 cm^2**
-41	Dec. 20, 2022	**Upper Level Men's Bathroom Contact Surfaces Only**	**a. Top of sharps container** **b. Counter** **c. Door interior contact plate** **d. Stall door hand contact area**	**0.78 µg/100 cm^2**
-43	Dec. 21, 2022	North Building - Security Desk & Hall	a. Security desk computer keyboard b. Exterior door to Japanese Garden c. Theater steps - handrail d. Ramp to bridge (W side handrail)	<0.013 µg/100 cm^2
-44	Dec. 21, 2022	North Building - Gallery	a. Top of display box (S side of entry doors) b. Inner door to exterior c. Wood bench (N side of entry doors) d. Handrail (N side by ramp)	0.058 µg/100 cm^2
-45	Dec. 21, 2022	Japanese Garden (Outdoor Space)	a. Door to building, exterior side b. Blue chair (SW corner) c. White table (S-central) d. Wood bench (NE corner)	<0.013 µg/100 cm^2
-46	Dec. 21, 2022	Edible Learning Garden (Outdoor Space)	a. Door to building, exterior side b. White chair (SW corner) c. Metal table (SE corner) d. Stone bench (central)	0.013 µg/100 cm^2
-47	Dec. 21, 2022	Channel 8 – Common space	a. Blue chair, armrest b. Wood table c. Entry door, interior side d. Copier keypad	<0.013 µg/100 cm^2
-48	Dec. 21, 2022	Channel 8 – Causa Office	a. Entry door, interior side b. Keypad c. Lamp d. Table	<0.013 µg/100 cm^2
-49	Dec. 21, 2022	Channel 8 – Huntley Office	a. Entry door, interior side b. Computer mouse c. Chair tablet arm d. Keyboard on black file cabinet	<0.013 µg/100 cm^2
-50	Dec. 21, 2022	Channel 8 – Kamhi/Sifuentes Office	a. Entry door, interior side b. Keyboard c. Chair tablet arm d. Red chair armrest	<0.013 µg/100 cm^2
-51	Dec. 21, 2022	Channel 8 – Bogdanovic/ Siegle Office	a. Entry door, interior side b. Keyboard c. Chair armrest d. Top of file cabinet	<0.013 µg/100 cm^2
-52	Dec. 21, 2022	Channel 8 –	a. Entry door, interior side	<0.013 µg/100 cm^2

		Glavin/Bierbaum Office	b. Keyboard c. Computer mouse d. Light switch	
-54	Dec. 21, 2022	Channel 8 – Studio Control Area	a. Entry door, interior side b. Keyboard c. Computer mouse d. Chair	<0.013 µg/100 cm^2
-55	Dec. 21, 2022	Channel 8 - Studio	a. Closet light switch b. Handrail c. News desk d. Light switch (by steps)	<0.013 µg/100 cm^2
-56	Dec. 21, 2022	Channel 8- Higham Offiec	a. Entry door, interior side b. Light switch c. Computer mouse d. Phone	<0.013 µg/100 cm^2
-57	Dec. 21, 2022	Channel 8 – Avendano Office	a. Entry door, interior side b. Pink keyboard c. Chair armrest d. Light switch	<0.013 µg/100 cm^2
-58	Dec. 21, 2022	Channel 8 – Empty / Storage Office	a. Entry door, interior side b. Light switch c. Chair armrest d. Desk	<0.013 µg/100 cm^2
-59	Dec. 21, 2022	Channel 8 – Shepler Office	a. Entry door, interior side b. Light switch c. Chair armrest d. Desk	<0.013 µg/100 cm^2
-60	Dec. 21, 2022	Channel 8 – Break Room	a. Exit door, interior side b. Light switch c. Refrigerator door handle d. Counter top	<0.013 µg/100 cm^2
-61	Dec. 21, 2022	Channel 8 – Albatury Office	a. Entry door, interior side b. Light switch c. Keyboard d. Chair armrest	<0.013 µg/100 cm^2
-62	Dec. 21, 2022	Channel 8 – Engine Room	a. Entry door, interior side b. Keyboard c. Light switch d. Studio door, interior side	<0.013 µg/100 cm^2
-63	Dec. 21, 2022	Channel 8 – Mech. Closet (HVAC System, interior)		<0.050 µg/100 cm^2
-65	Dec. 21, 2022	Channel 8 – Mini-Split		<0.050 µg/100 cm^2
-66	Dec. 21, 2022	North Building – Theater	a. Control/sound board b. NE door, interior side c. NW door, interior side d. Stage, back door (interior side)	<0.013 µg/100 cm^2
-67	Dec. 21, 2022	North Building – Channel 8 Locker Room	a. Entry door, interior side b. Sink faucet c. Door to bathroom, interior side d. Light switch	<0.013 µg/100 cm^2
-68	Dec. 21, 2022	North Building – Bathroom (inside	a. Entry door, interior side b. Light switch	0.014 µg/100 cm^2

		Locker Room)	c. Exhaust vent cover d. Sink faucet	
-69	Dec. 21, 2022	North Building – Channel 8 Hall Bathroom	a. Entry door, interior side b. Light switch c. Exhaust vent cover d. Sink faucet	0.062 µg/100 cm^2
-70	Dec. 21, 2022	North Building – Channel 8 Locker Room Exhaust Vent Interior		0.10 µg/100 cm^2
-71	Dec. 21, 2022	North Building – Custodial / Laundry Room	a. Light switch b. Ledge by door (J box) c. Washer controls d. Locker handle	0.29 µg/100 cm^2
-72	Dec. 21, 2022	North Building – Elevator #3	a. Buttons b. Handrail c. Rear wall d. Floor	0.027 µg/100 cm^2
-73	Dec. 21, 2022	North Building – Boiler Room	a. Light switch b. Entry door, interior side c. Handrail d. Top of boiler #2	0.020 µg/100 cm^2
-74	Dec. 21, 2022	North Building – 3D Printer Room	a. Entry door, interior side b. Light switch c. Keyboard d. Printer door handle (upper left)	<0.013 µg/100 cm^2
-75	Dec. 21, 2022	North Building – Laser Cutting Room	a. Light switch b. Computer mouse c. 75 watt laser cutter d. 40 watt laser cutter	<0.013 µg/100 cm^2
-76	Dec. 21, 2022	North Building – Wood Shop	a. Light switch b. Blower discharge c. Dust collector discharge d. Keyboard	0.019 µg/100 cm^2
-77	Dec. 21, 2022	North Building – Resource / Receiving Room	a. Entry door, interior side b. Light switch c. Tony B keyboard d. Mark A keyboard	<0.013 µg/100 cm^2
-78	Dec. 21, 2022	North Building – Growing Up Boulder Office	a. Light switch b. Copier keypad c. Right keypad d. Left Mouse	<0.013 µg/100 cm^2
-79	Dec. 21, 2022	North Building – Engagement Lab	a. Light switch b. Left computer mouse c. Corner computer keyboard d. Back corner computer keyboard	<0.013 µg/100 cm^2
-80	Dec. 21, 2022	North Building – Canyon Meeting Room	a. Light switch b. Side table c. Main central table d. Entry door, interior side	<0.013 µg/100 cm^2
-81	Dec. 21, 2022	Library South (#1) Elevator	a. Floor buttons b. Handrail c. Main door d. Floor carpet	0.024 µg/100 cm^2

-82	Dec. 21, 2022	Library Central (#2) Elevator	a. Floor buttons b. Handrail c. Main door d. Floor carpet	0.11 µg/100 cm^2
-83	Dec. 21, 2022	**Main Level Children's (Family) Lg. Bathroom Exhaust Vent Cover**		**0.75 µg/100 cm^2**
-84	Dec. 21, 2022	**Main Level Children's (Family) Sm. Bathroom Exhaust Vent Cover**		**1.2 µg/100 cm^2**
-86	Dec. 21, 2022	Mezzanine AHU (MZU3)		0.28 µg/100 cm^2
-87	Dec. 21, 2022	Mezzanine AHU (MZU2)		0.25 µg/100 cm^2
-88	Dec. 21, 2022	Mezzanine AHU (MZU1)		0.19 µg/100 cm^2
-89	Dec. 21, 2022	Theater RTU		<0.050 µg/100 cm^2
-90	Dec. 21, 2022	North Building - Boulder Reads Literacy Lab	a. Entry door, interior side b. Right keyboard c. Left keyboard d. Far computer mouse	<0.013 µg/100 cm^2
-07	Dec. 12, 2022	Blank		0.053 µg
-11	Dec. 20, 2022	Blank		<0.050 µg
-22	Dec. 20, 2022	Blank		<0.050 µg
-33	Dec. 20, 2022	Blank		<0.050 µg
-42	Dec. 20, 2022	Blank		<0.050 µg
-53	Dec. 21, 2022	Blank		<0.050 µg
-64	Dec. 21, 2022	Blank		<0.050 µg
-74.5	Dec. 21, 2022	Blank		<0.050 µg
-85	Dec. 21, 2022	Blank		<0.050 µg
-91	Dec. 21, 2022	Blank		<0.050 µg

In accordance with the State regulation, QUEST concludes that all bathrooms, their entry areas, the plenums above the bathrooms, and all associated ventilation systems and ducting is contaminated by meth and should be decontaminated for meth. Additionally, the main library ground level seating / booth area is contaminated by meth and should be decontaminated for meth. Although the building wide air supply and ventilation system samples did not have meth concentrations detected in excess of the decontamination limit, a number of samples from within the ventilation system contained meth concentrations just below the decontamination limit, so QUEST recommends that all HVAC system air conveyance areas be cleaned. Those areas containing either no detected meth concentrations or meth concentrations that are within the cleanup criteria will likely not require post-remediation resampling, unless they are judged to have potentially been cross-contaminated during the remediation activities.

Only qualified decontamination personnel as defined in the CDPHE regulation may enter the building. Persons without the required training and certification—including, maintenance personnel and other contractors—may not access the property until post-mitigation sampling has met all final clearance criteria and the clearance report has been approved by the governing body (Boulder County Public Health).

4.16 **Assessment of Personal Property:** Any contents in the meth affected bathrooms and booth seating areas are considered to be contaminated by meth and should be

decontaminated or disposed of in accordance with State regulations.

4.17 **Documentation of Variations from Standard Practices:** QUEST did vary from standard practices while conducting this preliminary assessment. Please see the attached variance request response from the Colorado Department of Public Health & Environment (CDPHE).

4.18 **Evidence of Consultant Certification:** Please see attached Consultant Qualifications for Robert A. Woellner, Anatole Konowal, and QUEST Environmental.

Post-Cleanup Clearance Sampling

Following the complete cleanup of the contaminated areas, post-cleanup clearance sampling must be conducted by a Colorado State Certified Consultant in good standing. A Consultant is defined as being in good standing if he or she possesses a current, valid certification or authorization under these regulations. The Colorado Department of Public Health & Environment (CDPHE) maintains a list of qualified industrial hygienists, including QUEST. With the exception detailed in the CDPHE variance request response, the post cleanup sampling process includes, but is not limited to, the following:

- Sampling of all structures on the property. (For a unit in a multi-unit building, this includes any auxiliary structures that subject unit has exclusive access to, such as storage room, shed, or garage);
- Sampling of 400 cm^2 from every room, attic, and crawl space. Composite samples may be used for attics, crawl spaces, and personal property, if all aliquots in composite sample come from same room, attic, or crawl space;
- Sampling of at least 800 cm^2 for any single property;
- For rooms that are larger than 500 ft^2, sampling of an additional 100 cm^2 per each additional 500 ft^2 of floor space (or fraction thereof);
- For properties containing a forced air system, sampling of at least 400 cm^2 of the ventilation system (with three of the four sampling locations defined by regulation), unless the entire system was removed;
- For properties containing a non-ducted heating/cooling system, collection of one discrete sample from each heating or cooling unit;
- Sampling of the interior of major appliances must use discrete samples. Sampling of the exterior of major appliances may use composite samples;
- Items in closet less than 75 ft^2 may be sampled separately from items in adjoining room;
- A composite sample of personal property is considered representative of all personal property of that type of material (non-porous, porous, or textile/fabric).

The CDPHE cleanup standard is 0.5 µg/100 cm^2. Exceptions are limited exposure areas (such as attics, crawl spaces, and wall cavities not used as duct runs), where the cleanup standard is 4 µg/100 cm^2, and painted-over surfaces, which shall not exceed 1.5 µg/100 cm^2. If laboratory results identify

the presence of meth in excess of the CDPHE cleanup standard, additional decontamination and re-sampling or removal of the contaminated material will be required.

A post-decontamination report will be submitted to the client. In addition, QUEST is required by law to submit a copy of the post-decontamination report to the Boulder County Public Health Department within 30 days of the receipt of sample results. It is the responsibility of the client to submit the post-cleanup report to the governing body as defined in § 25-18.5-101(7), C.R.S. (HealthEnvResponse@bouldercounty.org; Gabi Hoefler 303-441-1147) and any other relevant authorities to request project closure. After the final clearance report is received and reviewed the Boulder County Public Health Department should notify the owner and contractor of the final clearance status and, if final clearance criteria are met the Boulder County Public Health Department and/or the municipal building department should approve the building for re-occupancy.

Conclusions and Recommendations

1. In summary, eleven (11) of the ninety-nine (99) samples collected exceeded the CDPHE cleanup standard. The remaining samples (and blanks) collected were within the cleanup standard. In accordance with the State regulation, QUEST concludes that all publicly accessible bathrooms, adjacent areas and plenums, and the main library entry level seating/booth areas are contaminated by meth and should be decontaminated for meth. The contents in these areas are considered contaminated by meth and should be decontaminated or disposed of in accordance with State regulations. The HVAC system samples do not exceed the decontamination criteria, but should be cleaned by a qualified duct cleaning contractor;

2. After the decontamination is completed, post-decontamination clearance sampling should be conducted by a qualified Industrial Hygienist (such as QUEST) prior to any painting or sealing. Those areas that already meet the final clearance criteria will likely not need to be resampled. The owner/operator of the property must submit the clearance report to the Boulder County Public Health Department to seek their approval for final clearance;

3. It is the responsibility of the client to submit this report to the governing body as defined in § 25-18.5-101(7), C.R.S. (HealthEnvResponse@bouldercounty.org; Gabi Hoefler 303-441-1147) and any other relevant authorities to request project closure). Per their policy, QUEST must also submit a copy to the Boulder County Public Health department;

4. QUEST is required by law to submit a copy of this report to CDPHE within 30 days of the date of this report.

I hereby certify that I conducted a preliminary assessment of the subject property in accordance with 6 CCR 1014-3, Part 1, § 4.

As in any drug-related cleanup, if additional chemical stains, residue, exclusive access areas, or

inadequately sampled locations are discovered, the affected materials should be properly disposed of or sampling should be conducted to identify the level of contamination and any associated contribution to air quality or exposure concerns. The conclusions and recommendations presented in this report are based on limited information and sampling. We make no warranties or guarantees as to the accuracy or completeness of information obtained from data provided or compiled by others. It is not possible to absolutely confirm that no hazardous conditions and/or materials are present. If none is identified as part of a limited scope of work, such a conclusion should not be construed as a guaranteed absence of such concerns, but merely the results of the evaluation. If you have any questions, or if we can be of additional assistance, please contact Bob Woellner of QUEST at 303-935-1573. We look forward to our continued association.

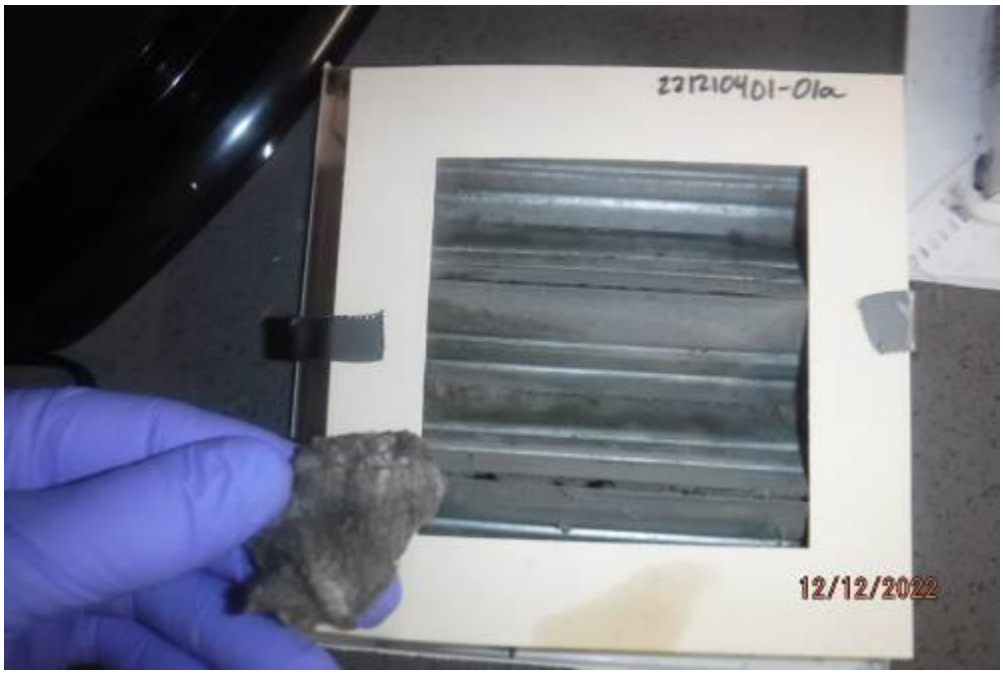
Sincerely,

Robert A. Woellner
President/Industrial Hygienist

Anatole (Tony) Konowal
Project Manager/Industrial Hygienist

Attachments: December 12, 20, and 21, 2022 Representative Site Photographs
Building Layout
Laboratory Reports from December 12, 20, and 21, 2022
CDPHE's December 30, 2022 Variance Request Response Document
CDPHE Consultant and Consultant Firm Authorization Approval Letters

December 12, 20, and 21, 2022 Representative Site Photographs



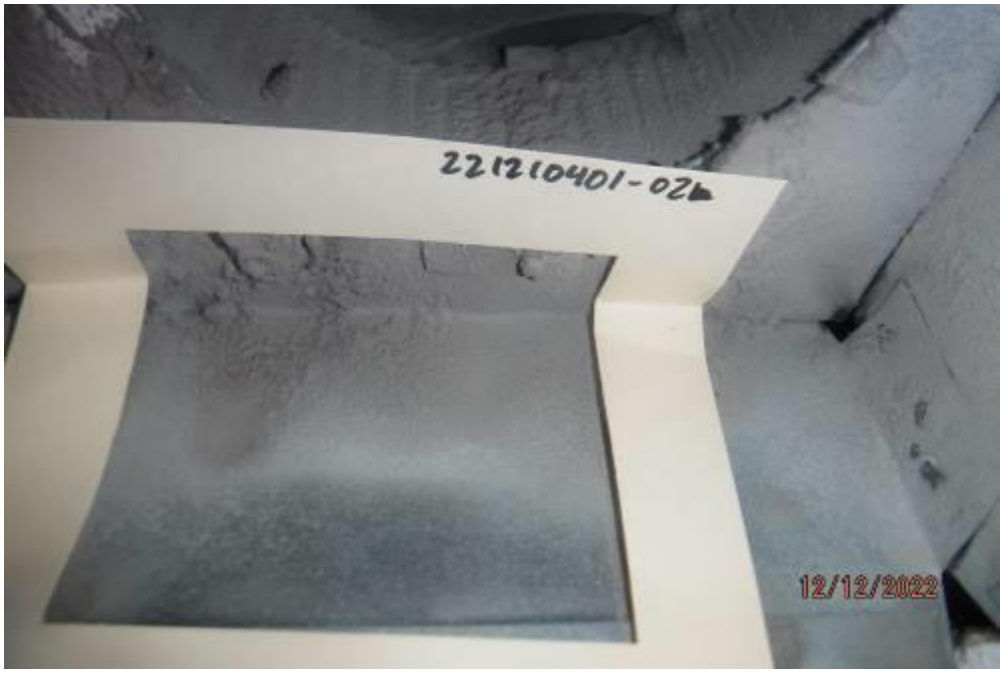
The main level all gender restroom exhaust duct vent interiors contained meth in excess of the decontamination criteria.

The main level all gender restroom exhaust duct vent interiors contained meth in excess of the decontamination criteria.

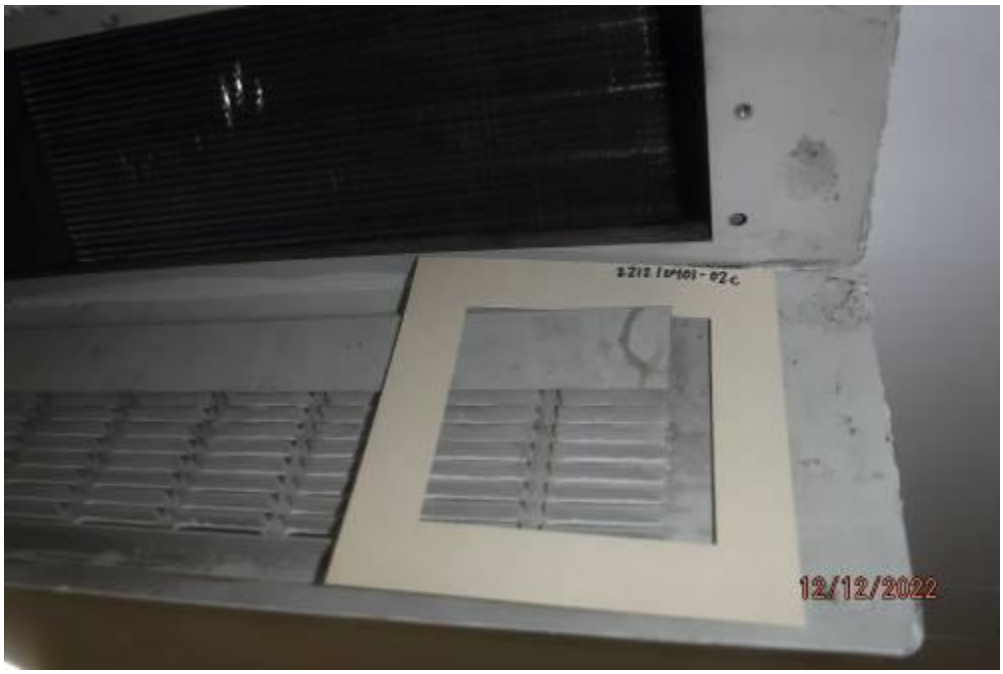
The main level all gender restroom exhaust duct vent interiors contained meth in excess of the decontamination criteria.

The main level all gender restroom exhaust duct vent interiors contained meth in excess of the decontamination criteria.

The main level women's restroom ducts and surfaces contained meth in excess of the decontamination criteria.



The main level women's restroom ducts and surfaces contained meth in excess of the decontamination criteria.



The main level women's restroom ducts and surfaces contained meth in excess of the decontamination criteria.

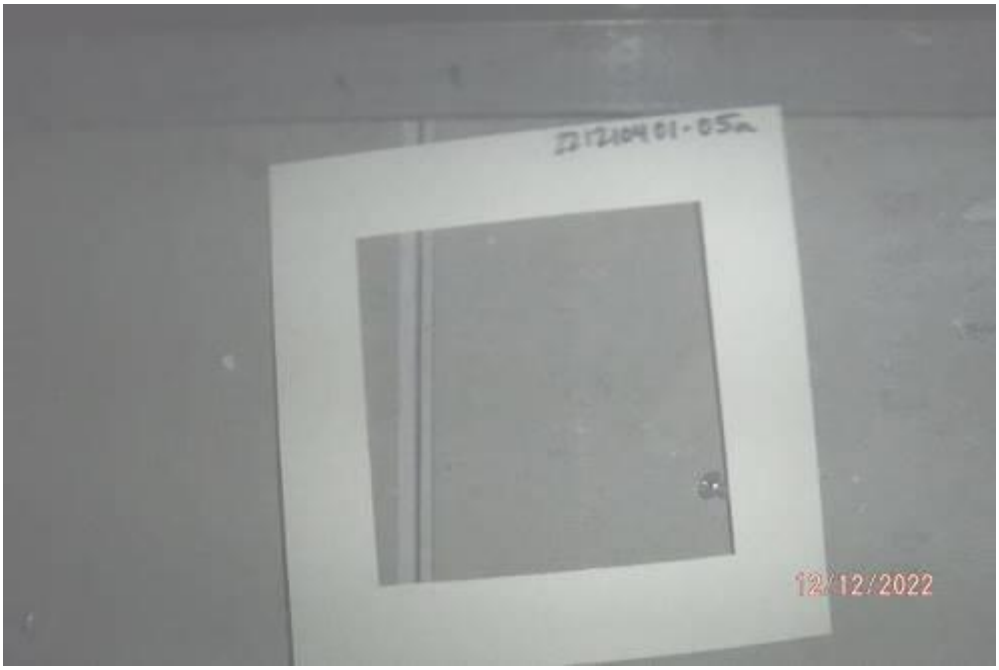
The main level women's restroom ducts and surfaces contained meth in excess of the decontamination criteria.

The upper level all gender restroom exhaust duct and contact surfaces contained meth in excess of the decontamination criteria.

The upper level men’s restroom exhaust ducts and contact surfaces contained meth in excess of the decontamination criteria.

The upper level men's restroom exhaust ducts and contact surfaces contained meth in excess of the decontamination criteria.

Herron and QUEST conducted trace gas monitoring including PID monitoring for total volatile organic compounds. No anomalies were detected other than directly adjacent to the main level all gender bathroom where elevated TVOC concentrations were detected immediately adjacent to the carbon filter exhaust vent. The City of Boulder committed to promptly changing that filter.

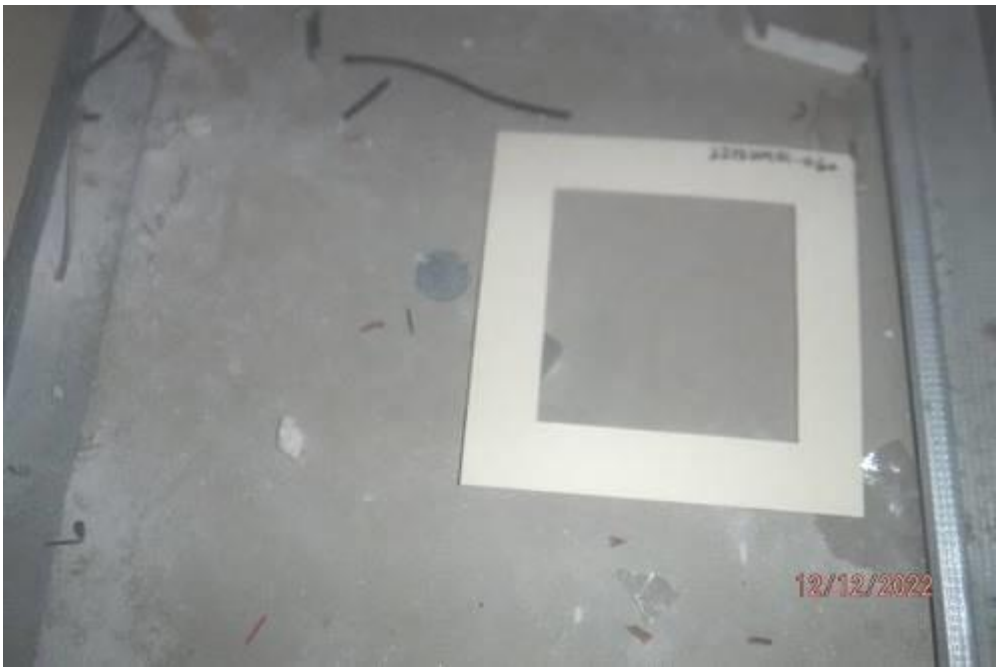


The north building women's restroom exhaust duct and contact surfaces contained meth in excess of the decontamination criteria.

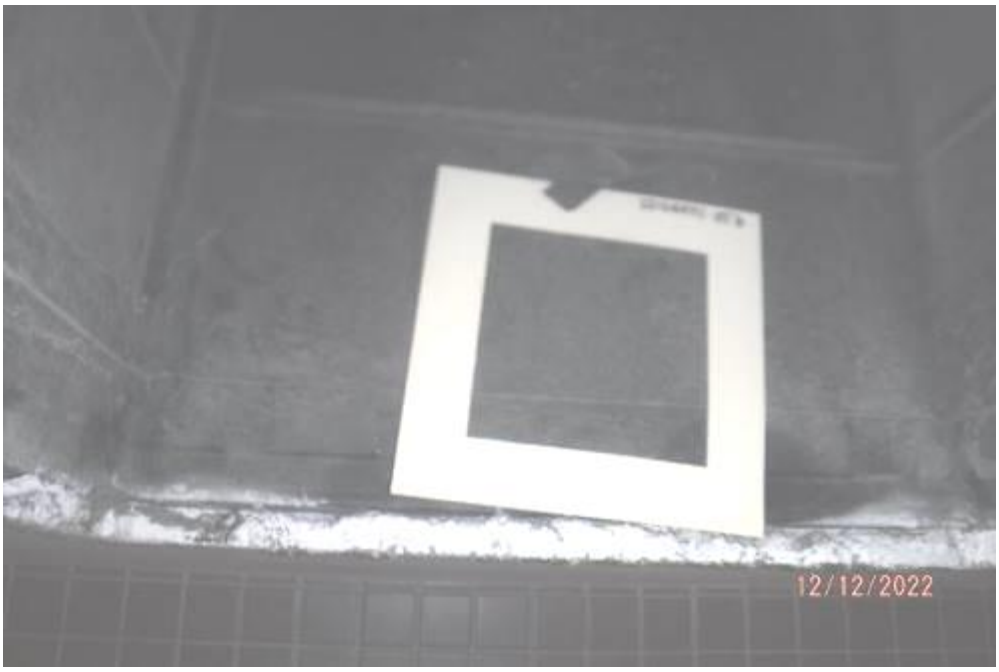
The north building women's restroom exhaust duct and contact surfaces contained no amplified TVOC concentrations, but did identify meth in excess of the decontamination criteria.

The north building women's restroom exhaust duct and contact surfaces contained meth in excess of the decontamination criteria.

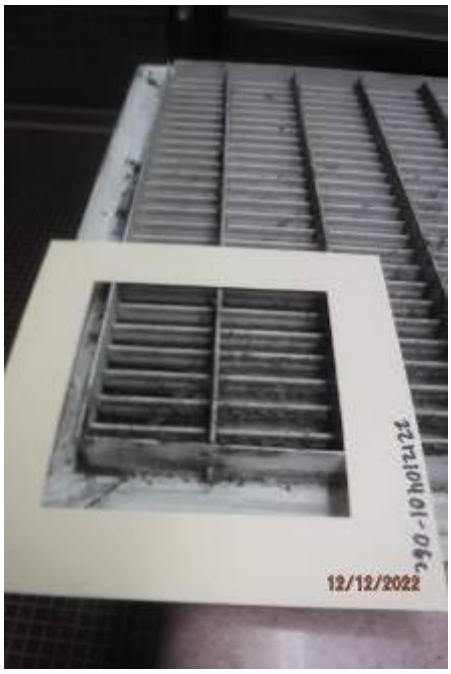
The north building women's restroom exhaust duct and contact surfaces contained meth in excess of the decontamination criteria.



The north building men's restroom exhaust duct and contact surfaces contained meth in excess of the decontamination criteria.



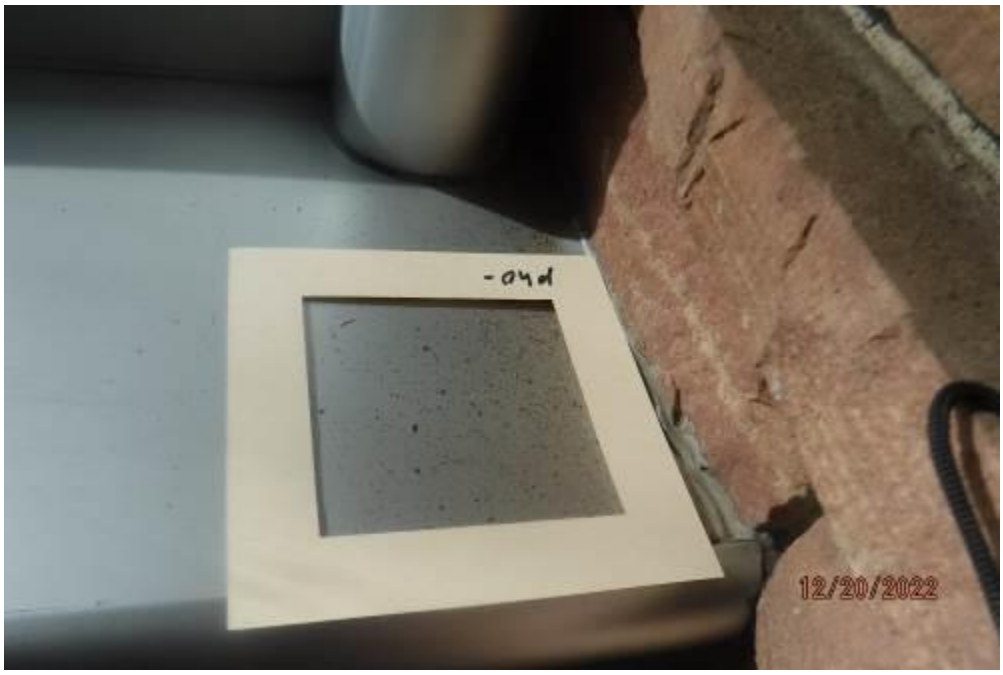
The north building men's restroom exhaust duct and contact surfaces contained meth in excess of the decontamination criteria.



The north building men's restroom exhaust duct and contact surfaces contained meth in excess of the decontamination criteria.

The north building men's restroom exhaust duct and contact surfaces contained meth in excess of the decontamination criteria.

The main level great room booth seating area contact surfaces contained meth in excess of the decontamination criteria.



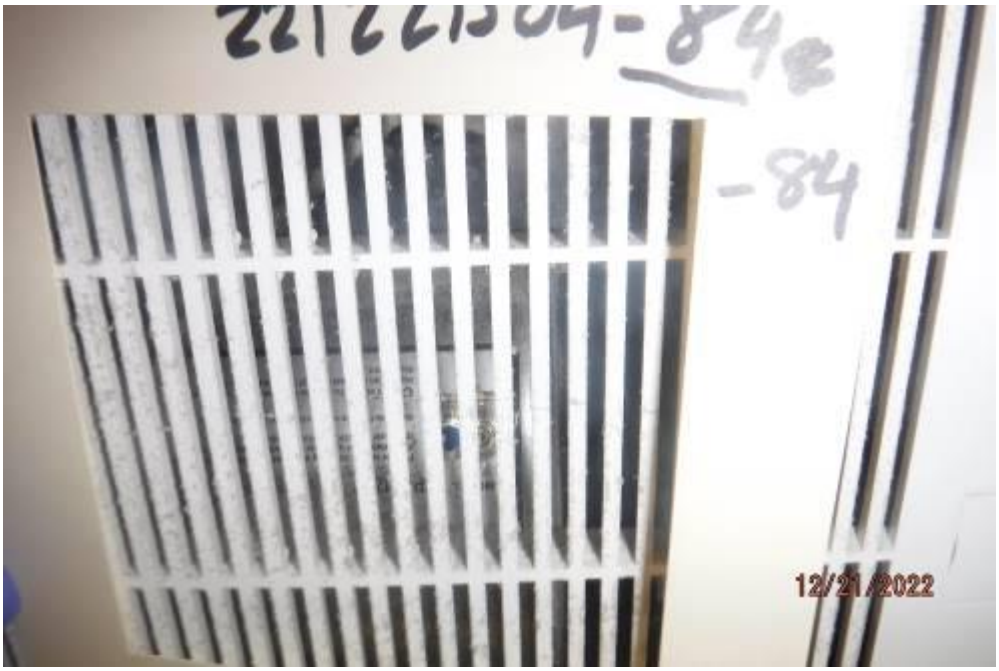
The main level great room booth seating area contact surfaces contained meth in excess of the decontamination criteria.

The main level all gender bathroom contact surfaces contained meth in excess of the decontamination criteria.

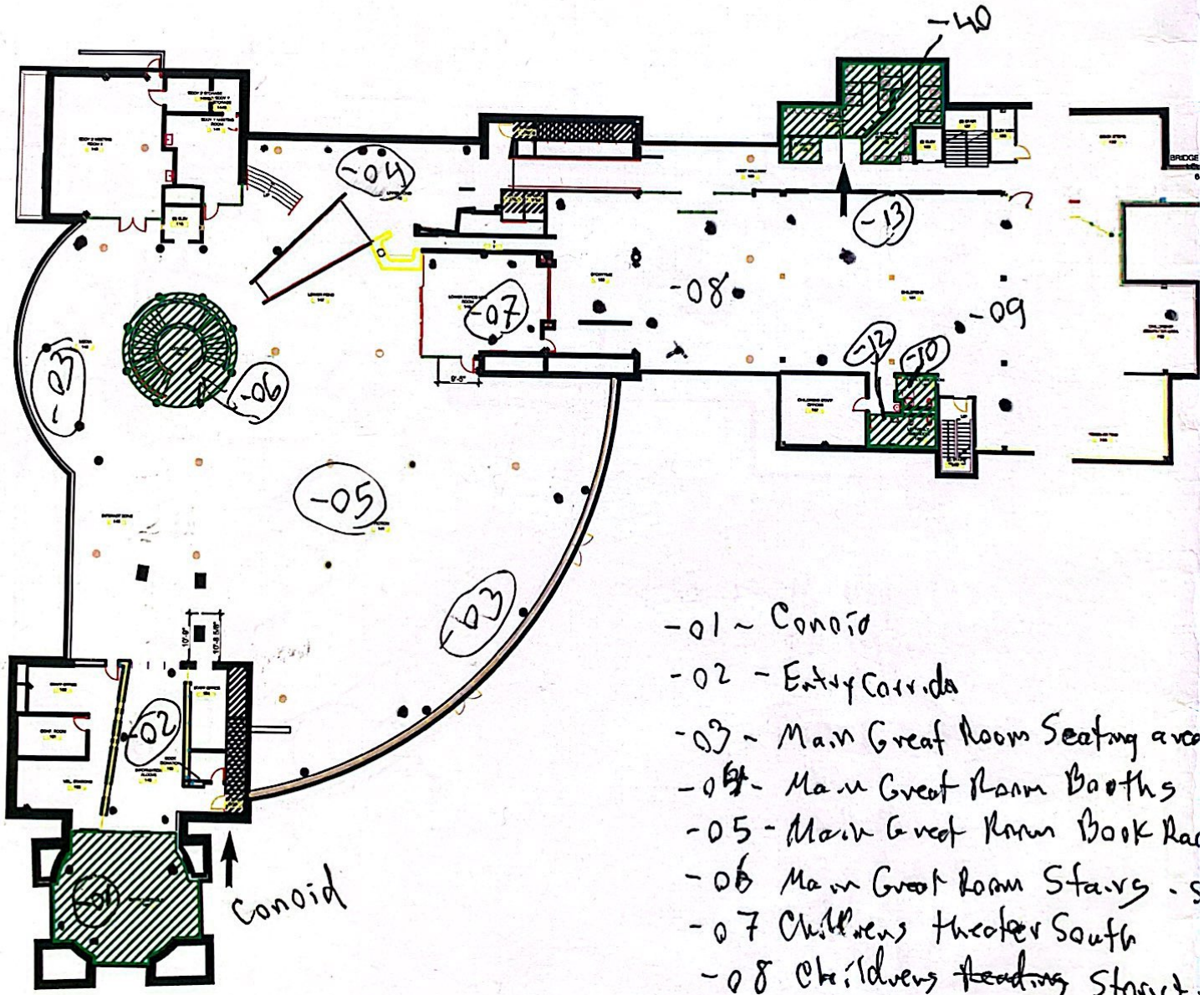
The main level all gender bathroom contact surfaces contained meth in excess of the decontamination criteria.

The main level all gender bathroom contact surfaces contained meth in excess of the decontamination criteria.

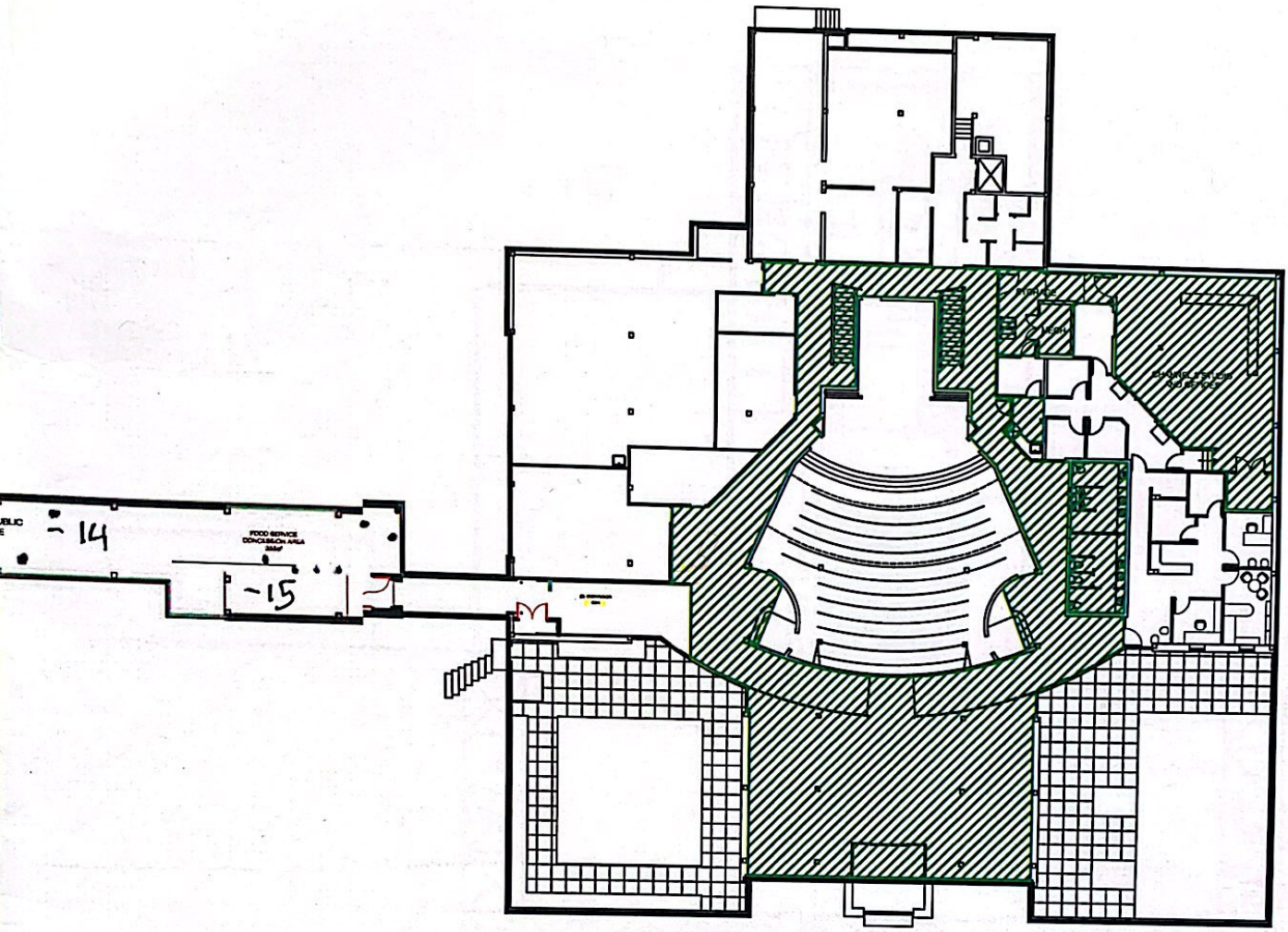
The main level children's (family) large bathroom exhaust fan cover contained meth in excess of the decontamination criteria.



The main level children's (family) small bathroom exhaust fan cover contained meth in excess of the decontamination criteria.



-01 ~ Conoid
-02 - Entry Corrida
-03 - Main Great Room Seating area
-04 - Main Great Room Booths
-05 - Main Great Room Book Rac
-06 Main Great Room Stairs - s
-07 Childrens theater South
-08 Childrens ~~reading~~ Storyt
-09 Childrens Book Racks
-10 ~~Bt~~ Small Bathrooms (Ch.
-11 Blank



Assume -6 bathrooms
~~= Elevator~~
~~= Stairs/Gen~~

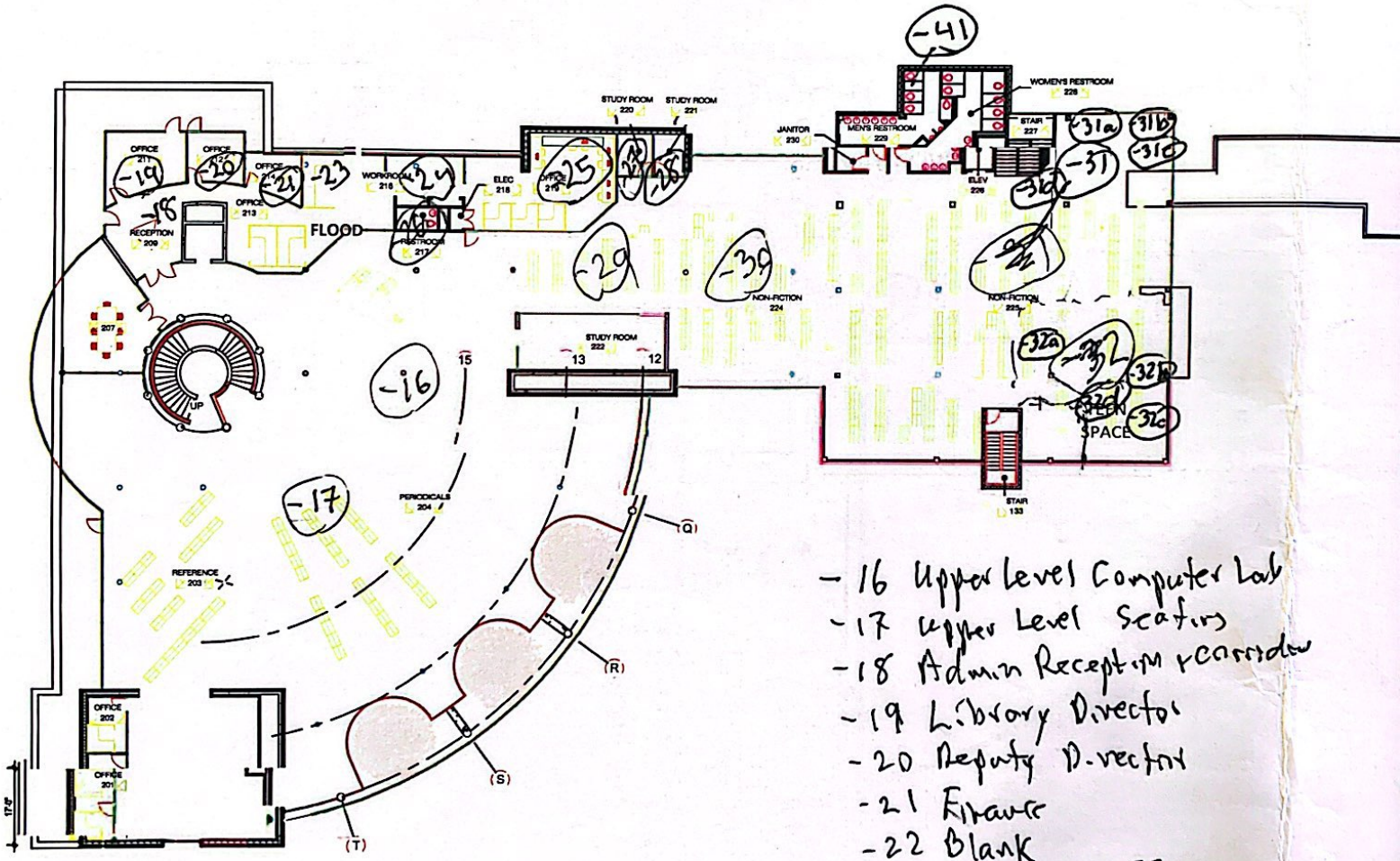
- 12 Large Childrens Bathrooms
- 13 Childrens Century Plenums
- 14 Bridge
- 15 Cafe Counters
- ~~16~~ C

cs
ral Stairs

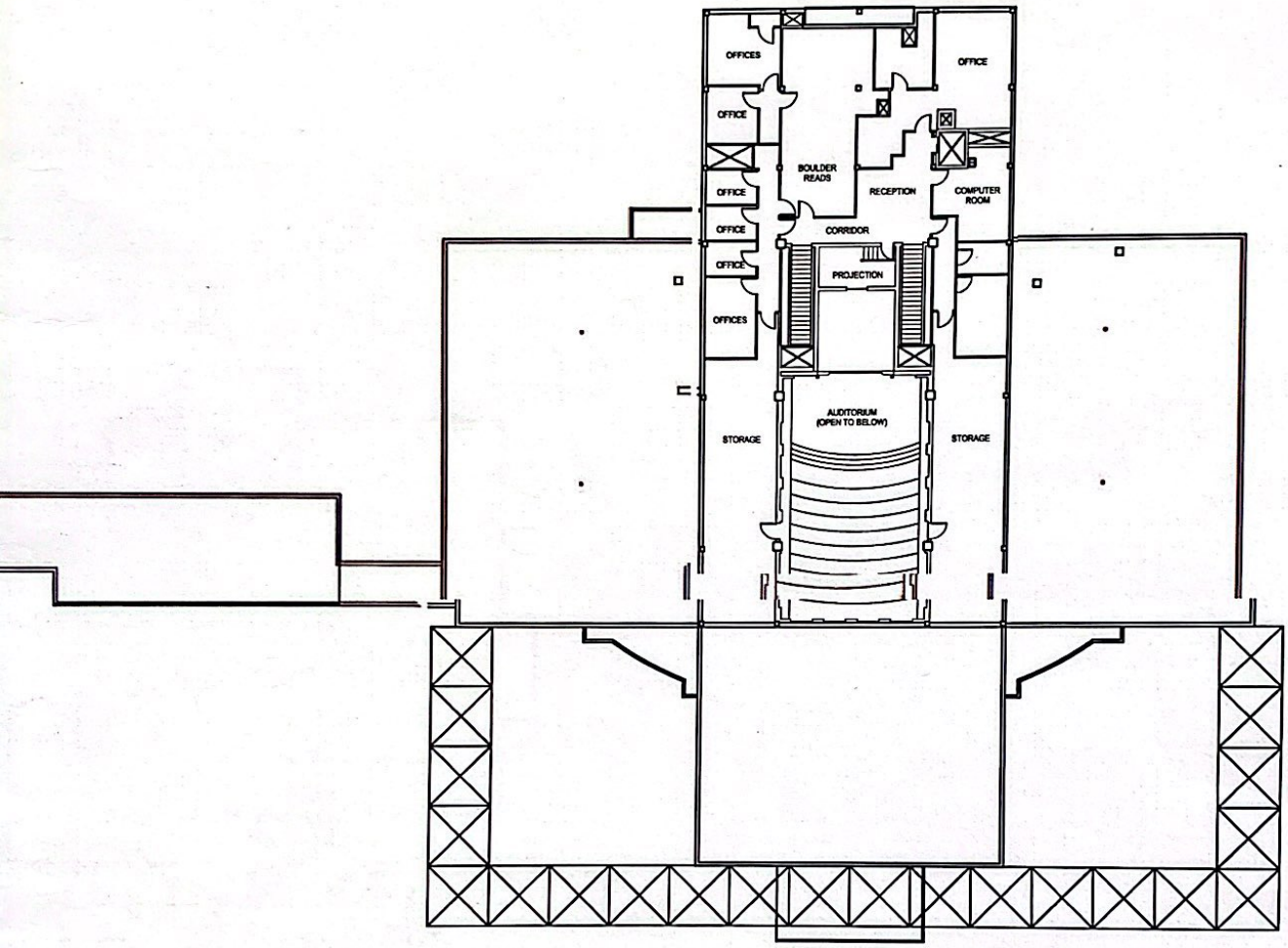
e Area

ms)

MAIN LIBRARY - GROUND FLOOR
1001 ARAPAHOE NO SCALE: January 31, 2017



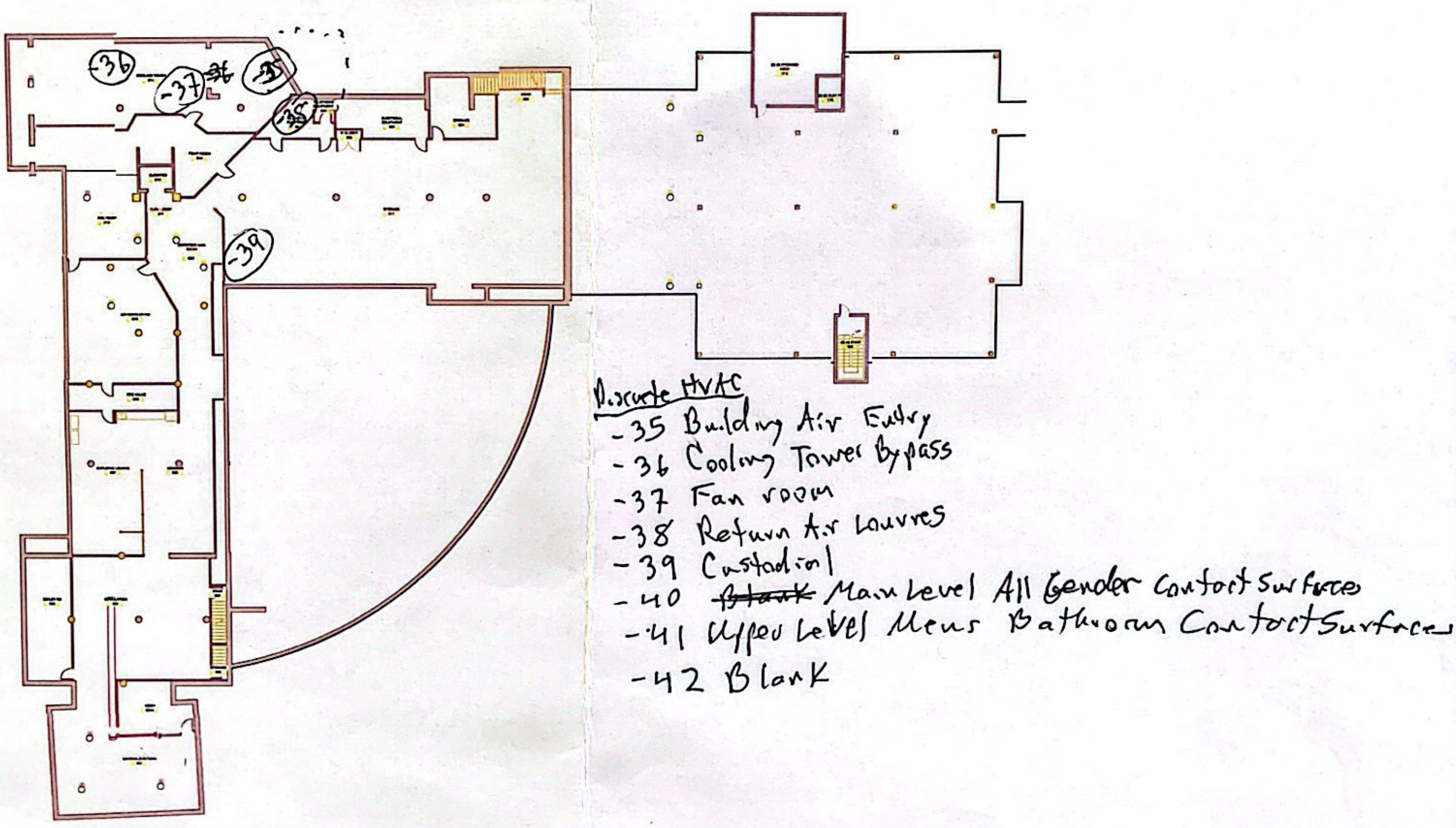
- 16 Upper Level Computer Lab
- 17 Upper Level Seating
- 18 Admin Reception reception
- 19 Library Director
- 20 Deputy Director
- 21 Finance
- 22 Blank
- 23 Managers office
- 24 Kitchen & Copy Area
- 25 office Cubicles area
- 26 ~~Study room A~~ Staff Bathroom
- 27 Study rooms Staff
- 28 Study Room North



- 29 ~~Upstairs~~ Upper Level Stacks South
- 30 Upper Level Stacks Central
- 31 Upper Level Seating Lounge Area
- 32 Teen Space
- 33 Blank
- 34 Teen Sound Room

throughs

MAIN LIBRARY - UPPER FLOOR
1001 ARAPAHOE NO SCALE November 15, 2016



NORTH

MAIN LIBRARY - BASEMENT

1001 ARAPAHOE NO SCALE: Februa

ANALYTICAL CHEMISTRY INC.
Established in 1979
4611 S 134TH PL STE 200
TUKWILA WA 98168-3240
E-mail: aci@acilabs.com

Lab Reference:	22163-02
Date Received:	December 14, 2022
Date Completed:	December 16, 2022

December 16, 2022

BOB WOELLNER
QUEST INC
5211 S QUEBEC ST
GREENWOOD VILLAGE CO 80111

CLIENT REF: Herron, Boulder Public Library, 2212104-01
1001 Arapahoe Ave, Boulder CO 80302

SAMPLES: wipes/7

ANALYSIS: Methamphetamine per modified NIOSH 9109 & EPA 8270 by GC-MS.

RESULTS: in micrograms per 100 square centimeters (ug/100 cm^2)

Sample Label	Sample Area square centimeters	Methamphetamine micrograms	Methamphetamine ug/100 cm^2	% Surrogate Recovery
221210401-01	400	> 300	> 75	111
221210401-02	400	98.5	25	112
221210401-03	400	> 300	> 75	121
221210401-04	400	> 300	> 75	127
221210401-05	400	19.3	4.8	119
221210401-06	400	53.3	13	117
221210401-07	N/A	0.053	---	104

QA/QC Method Blank	< 0.004
QC 0.100 ug Standard	0.107
QA 0.020 ug Matrix Spike	0.020
QA 0.020 ug Matrix Spike Duplicate	0.016
Method Detection Limit (MDL)	0.004
Reporting Limit (RL)	0.030

<: less than, not detected above the RL
>: greater than the maximum quantitation limit

Amelia Sazon
Laboratory Manager

QUEST INC

SAMPLE CUSTODY FORM

5211 S. Quebec Street
GREENWOOD VILLAGE CO 80111

Phone: 303-935-1573
E-mail: woellner@questmi.com; konowal@questmi.com; admin@questmi.com

SAMPLING DATE:	12/12/22
PROJECT Name/No:	Herron; Boulder Public Library; 2212104-01
SITE ADDRESS:	1001 Arapahoe Ave., Boulder, CO 80302
SAMPLER NAME:	Robert A. Woellner

LABORATORY INFORMATION

ANALYTICAL CHEMISTRY INC.
4611 S 134TH PL, STE 200
TUKWILA WA 98168
206-622-8353
aci@acilabs.com

ANALYSIS REQUESTED

1	Methamphetamine
2	
3	

LAB Number (only)	Sample Number 221210401	SAMPLE LOCATION	TOTAL AREA cm^2	SAMPLE MATRIX: Wipe (check)	SAMPLE MATRIX: Other	ANALYSIS (please check) 1	2	3	LAB COMMENTS & VERIFICATION (all rows below for lab only)	
H1	-01	Restroom West Main Level All Gender	400	✓		x				1
H2	-02	Restroom West Main Level Women		✓		✓				1
H3	-03	Restroom West Upper Level All Gender		✓		✓				1
H4	-04	Restroom West Upper Level Mens		✓		✓				1
H5	-05	Restroom ~~North West Upper Level~~ Women		✓		✓			North Women	
H6	-06	Restroom ~~East~~ Mens		✓		✓			North Mens	1
H7	-07	221210401-07a (Blank)	N/A	✓		✓				1

SAMPLER COMMENTS: (6) 400 cm^2 + (1) blank = (7) Samples

Total No. of Containers (verified by laboratory): 7

CHAIN OF CUSTODY RECORD

PRINT NAME	SIGNATURE	COMPANY	DATE	TIME
Robert A. Woellner	Robert Woellner	QUEST INC	12/12/22	via FedEx
MIA SAZON	mdz	ACI	12/14/22	1530

Solvent Used: ☐ Methanol ☐ Isopropanol ☐ DI Water ☐ None

Please call first for RUSH TAT.

☐ Next day (2X)
☐ 2 days (1.5X)
☒ 3-5 days (Routine)

Lab Provided Containers	Ziploc Bags	Other	
Ambient	Cooler	Ice/Ice Packs	
Custody Seals	Yes	No	
Inspected By	MIA SAZON		
Lab File No.	22163-02		

QUEST INC

SAMPLE CUSTODY FORM

5211 S. Quebec Street
GREENWOOD VILLAGE CO 80111

Phone: 303-935-1573
E-mail: woellner@questmi.com; konowal@questmi.com; admin@questmi.com

SAMPLING DATE:	12/20/2022
PROJECT Name/No:	Boulder Public Library 2212215 04
SITE ADDRESS:	1001 Arapahoe Ave Boulder
SAMPLER NAME:	Robert A. Woellner

LABORATORY INFORMATION

ANALYTICAL CHEMISTRY INC.
4611 S 134TH PL, STE 200
TUKWILA WA 98168
206-622-8353
aci@acilabs.com

ANALYSIS REQUESTED

(1)	Methamphetamine
2	
3	

LAB Number (only)	Sample Number 2212215 04	SAMPLE LOCATION	TOTAL AREA cm^2	SAMPLE MATRIX: Wipe (check)	SAMPLE MATRIX: Other	ANALYSIS (please check) 1	2	3	LAB COMMENTS & VERIFICATION (all rows below for lab only)
	-01	Convid	400	✓	200 pm	✓			
	-02	Entry Corridor		✓	205	✓			
	-03	Main Great Room Seating Area		✓	210	✓			
	-04	" Booths		✓	215	✓			
	-05	" Book Racks		✓	220	✓			
	-06	" Spiral Stairs		✓	225	✓			
	-07	Children's Theater South		✓	230	✓			
	-08	" Story Time Area		✓	235	✓			
	-09	" Book Racks		✓	240	✓			
	-10	Children's Small Ballroom		✓	245	✓			

SAMPLER COMMENTS: (4) 100 cm^2 + (4) blanks of (34) 400 cm^2 = (42) Samples

Total No. of Containers (verified by laboratory)

CHAIN OF CUSTODY RECORD

PRINT NAME	SIGNATURE	COMPANY
Robert A. Woellner	Robert A Woellner	QUEST INC

Solvent Used: ☐ Methanol ☑ Isopropanol ☐ DI Water ☐ None

DATE: 12/20/22 **TIME:** 5:30 Fed Ex

Please call first for RUSH TAT.

- ☐ Next day (2X)
- ☐ 2 days (1.5X)
- ☑ 3-5 days (Routine)

Lab Provided Containers	Ziploc Bags	Other
Ambient	Cooler	Ice/Ice Packs
Custody Seals	Yes	No
Inspected By		
Lab File No.		

QUEST INC

SAMPLE CUSTODY FORM

5211 S. Quebec Street
GREENWOOD VILLAGE CO 80111
Phone: 303-935-1573
E-mail: woellner@questmi.com, konowal@questmi.com; admin@questmi.com

SAMPLING DATE:	12/20/2022
PROJECT Name/No:	Boulder Public Library 2212215-04
SITE ADDRESS:	1001 Arapahoe Ave, Boulder CO
SAMPLER NAME:	Robert A. Woellner

LABORATORY INFORMATION

ANALYTICAL CHEMISTRY INC.
4611 S 134TH PL, STE 200
TUKWILA WA 98168
206-622-8353
aci@acilabs.com

ANALYSIS REQUESTED

(1)	Methamphetamine
2	
3	

LAB Number (only)	Sample Number 2212271504	SAMPLE LOCATION	TOTAL AREA cm^2	SAMPLE MATRIX Wipe (check)	SAMPLE MATRIX Other	ANALYSIS (please check) 1	2	3	LAB COMMENTS & VERIFICATION (all rows below for lab only)
	-11	Blank	NA	✓	250 pm	✓			
	-12	Large Childrens Bathroom	400	✓	2:55 pm	✓			
	-13	Childrens Ceiling Plenum		✓	3:00 pm	✓			
	-14	Bridge		✓	3:05 pm	✓			
	-15	Cafe Counters		✓	3:10 pm	✓			
	-16	Upper Level Computer Lab		✓	355 pm	✓			
	-17	Upper Level Seating		✓	400 pm	✓			
	-18	Admin Reception & Corridors		✓	405 pm	✓			
	-19	Library Director Office		✓	410 pm	✓			
	-20	Deputy Director Office		✓	415 pm	✓			

SAMPLER COMMENTS

Number of Containers (lab verified, this page only)

QUEST INC

SAMPLE CUSTODY FORM

5211 S. Quebec Street
GREENWOOD VILLAGE CO 80111

Phone: 303-935-1573
E-mail: woellner@questmi.com, konowal@questmi.com; admin@questmi.com

Page 3 of 5

SAMPLING DATE:	12/20/22	LABORATORY INFORMATION	ANALYSIS REQUESTED	
PROJECT Name/No:	Boulder Public Library 2212215-04	ANALYTICAL CHEMISTRY INC. 4611 S 134TH PL, STE 200 TUKWILA WA 98168 206-622-8353 aci@acilabs.com	1	Methamphetamine
SITE ADDRESS:	1001 Arapahoe Ave Boulder CO		2	
SAMPLER NAME:	Robert A. Woellner		3	

LAB Number (only)	Sample Number 2212215-04	SAMPLE LOCATION	TOTAL AREA cm^2	SAMPLE MATRIX Wipe (check)	SAMPLE MATRIX Other (Time pm)	ANALYSIS 1	ANALYSIS 2	ANALYSIS 3	LAB COMMENTS & VERIFICATION (all rows below for lab only)
	-21	Finance Office	400	✓	2:45	✓			
	-22	Blank	N/A	✓	2:40	✓			
	-23	Managers Office	400	✓	3:00	✓			
	-24	Kitchen & Copy Area		✓	3:15	✓			
	-25	Office Cubicles Area		✓	3:25	✓			
	-26	Staff Bathrooms		✓	3:35	✓			
	-27	Study Room South		✓	3:50	✓			
	-28	Study Room North		✓	3:55	✓			
	-29	Upper Level Stacks South		✓	4:05	✓			
	-30	Upper Level Stacks Central		✓	4:15	✓			

SAMPLER COMMENTS		Number of Containers (lab verified, this page only)	

AnalyticalChemistryInc/Winword/Forms/MethCOCMultiplePagesForm

Revision 1.0 08/2013

QUEST INC

SAMPLE CUSTODY FORM

5211 S. Quebec Street
GREENWOOD VILLAGE CO 80111
Phone: 303-935-1573
E-mail: woellner@questmi.com, konowal@questmi.com; admin@questmi.com

SAMPLING DATE:	12/20/2022	**LABORATORY INFORMATION**	**ANALYSIS REQUESTED**
PROJECT Name/No:	Boulder Public Library 2212215-04	ANALYTICAL CHEMISTRY INC. 4611 S 134TH PL, STE 200 TUKWILA WA 98168 206-622-8353 aci@acilabs.com	(1) Methamphetamine
SITE ADDRESS:	1001 Arapahoe Ave Boulder CO		2
SAMPLER NAME:	Robert A. Woellner		3

LAB Number (only)	Sample Number 221221504	SAMPLE LOCATION	TOTAL AREA cm^2	SAMPLE MATRIX: Wipe (check)	SAMPLE MATRIX: Other (Dust)	Time PM	ANALYSIS (please check) 1	2	3	LAB COMMENTS & VERIFICATION (all rows below for lab only)
	-31	Upper Level Seating Lounge	400	✓		12:35	✓			
	-32	Teen Space		✓		1:00	✓			
	-33	Blank	(N/A)	✓		1:15	✓			
	-34	Teen Sound Rooms		✓		1:10	✓			
	-35	Building Air Entry	100	✓		1:25	✓			
	-36	Cooling ~~Tower~~ Bypass		✓		1:35	✓			
	-37	Fan Rooms		✓		1:40	✓			
	-38	Return Air Louvres		✓		1:50	✓			
	-39	Custodial Desk Area	400	✓		2:00	✓			
	-40	Main Level All Gender Contacts	400	✓		2:10	✓			

SAMPLER COMMENTS	**Number of Containers** (lab verified, this page only)

QUEST INC

SAMPLE CUSTODY FORM

5211 S. Quebec Street
GREENWOOD VILLAGE CO 80111

Phone: 303-935-1573
E-mail: woellner@questmi.com, konowal@questmi.com; admin@questmi.com

SAMPLING DATE:	12/20/2022	**LABORATORY INFORMATION**	**ANALYSIS REQUESTED**
PROJECT Name/No:	Boulder Public Library CO 2212215-04	**ANALYTICAL CHEMISTRY INC.** 4611 S 134TH PL, STE 200 TUKWILA WA 98168 **206-622-8353** **aci@acilabs.com**	(1) Methamphetamine
SITE ADDRESS:	1001 ARAPAHOE AVE BOULDER		2
SAMPLER NAME:	Robert A. Woellner		3

LAB Number (only)	Sample Number 221221504	SAMPLE LOCATION	TOTAL AREA cm^2	SAMPLE MATRIX: Wipe (check)	SAMPLE MATRIX: Other Time (t) pm	ANALYSIS (please check) 1	2	3	LAB COMMENTS & VERIFICATION (all rows below for lab only)
	-41	Upper Level Mens Bathroom Contacts	400	✓	2:40	✓			
	-42	Blank	NA	✓	2:50	✓			

SAMPLER COMMENTS

Number of Containers (lab verified, this page only)

eurofins | Built Environment Testing
Reservoirs

December 22, 2022

Subcontractor Number:
Laboratory Report: **RES 545526-1**
Project #/P.O. #: **221221504**
Project Description: **Boulder Public Lib**

Bob Woellner
Quest Environmental
5211 S. Quebec
Greenwood Village CO 80111

Dear Bob,

Eurofins Reservoirs is an analytical laboratory accredited for the analysis of Environmental matrices by the National Environmental Laboratory Accreditation Program, Lab Certification #E871030. The laboratory is currently proficient in the in-house PAT Program.

Eurofins Reservoirs has analyzed the following sample(s) using Gas Chromatography Mass Spectrometry (GC/MS) / Gas Chromatography Flame Ionization Detector (GC/FID) per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results have been sent to your office.

RES 545526-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Eurofins Reservoirs will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed, as received by the customer. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Eurofins Reservoirs Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

Robin S Klover
by Mitchell Harfst

Robin Klover
Vice President

DATA QA
12/22/2022

EUROFINS RESERVOIRS ENVIRONMENTAL, INC

NVLAP Lab Code 101896-0
AIHA LAP, LLC. LAB ID 101533

TABLE: I ANALYSIS: METHAMPHETAMINE BY WIPE

RES Job Number: **RES 545526-1**
Client: **Quest Environmental**
Client Project/P.O.: **221221504**
Client Project Description: **Boulder Public Lib**
Date Samples Received: **December 20, 2022**
Analysis Type: **REI CHEMISTRY SOP / NIOSH 9109-M**
Turnaround: **Rush**
Date Samples Analyzed: **December 21 - December 22, 2022**

NA = Not Analyzed
NR = Not Received
ND = None Detected
BAS = Below Analytical Sensitivity
BRL = Below Reporting Limit

Laboratory Sample ID Client ID Number	Sample Area (cm^2)	Reporting Limit (µg)	METHAMPHETAMINE CONCENTRATION (µg)	Reporting Limit (µg/100cm^2)	METHAMPHETAMINE CONCENTRATION (µg/100cm^2)
545526 - 221221504-01	400	0.050	0.15	0.013	0.036
545526 - 221221504-02	400	0.050	0.64	0.013	0.16
545526 - 221221504-03	400	0.050	0.076	0.013	0.019
545526 - 221221504-04	400	0.050	5.4	0.013	1.3
545526 - 221221504-05	400	0.050	0.20	0.013	0.049
545526 - 221221504-06	400	0.050	BRL	0.013	BRL
545526 - 221221504-07	400	0.050	0.074	0.013	0.019
545526 - 221221504-08	400	0.050	BRL	0.013	BRL
545526 - 221221504-09	400	0.050	BRL	0.013	BRL
545526 - 221221504-10	400	0.050	BRL	0.013	BRL
545526 - 221221504-11	0	0.050	BRL	----	----
545526 - 221221504-12	400	0.050	BRL	0.013	BRL
545526 - 221221504-13	400	0.050	0.071	0.013	0.018
545526 - 221221504-14	400	0.050	0.40	0.013	0.10
545526 - 221221504-15	400	0.050	0.053	0.013	0.013
545526 - 221221504-16	400	0.050	BRL	0.013	BRL
545526 - 221221504-17	400	0.050	BRL	0.013	BRL
545526 - 221221504-18	400	0.050	BRL	0.013	BRL
545526 - 221221504-19	400	0.050	BRL	0.013	BRL
545526 - 221221504-20	400	0.050	BRL	0.013	BRL
545526 - 221221504-21	400	0.050	BRL	0.013	BRL
545526 - 221221504-22	0	0.050	BRL	----	----
545526 - 221221504-23	400	0.050	BRL	0.013	BRL
545526 - 221221504-24	400	0.050	BRL	0.013	BRL
545526 - 221221504-25	400	0.050	BRL	0.013	BRL
545526 - 221221504-26	400	0.050	BRL	0.013	BRL
545526 - 221221504-27	400	0.050	0.23	0.013	0.058
545526 - 221221504-28	400	0.050	BRL	0.013	BRL

EUROFINS RESERVOIRS ENVIRONMENTAL, INC

NVLAP Lab Code 101896-0
AIHA LAP, LLC. LAB ID 101533

TABLE: I ANALYSIS: METHAMPHETAMINE BY WIPE

RES Job Number: **RES 545526-1**
Client: **Quest Environmental**
Client Project/P.O.: **221221504**
Client Project Description: **Boulder Public Lib**
Date Samples Received: **December 20, 2022**
Analysis Type: **REI CHEMISTRY SOP / NIOSH 9109-M**
Turnaround: **Rush**
Date Samples Analyzed: **December 21 - December 22, 2022**

NA = Not Analyzed
NR = Not Received
ND = None Detected
BAS = Below Analytical Sensitivity
BRL = Below Reporting Limit

Laboratory Sample ID / Client ID Number	Sample Area (cm^2)	Reporting Limit (µg)	METHAMPHETAMINE CONCENTRATION (µg)	Reporting Limit (µg/100cm^2)	METHAMPHETAMINE CONCENTRATION (µg/100cm^2)
545526 - 221221504-29	400	0.050	0.47	0.013	0.12
545526 - 221221504-30	400	0.050	0.052	0.013	0.013
545526 - 221221504-31	400	0.050	1.3	0.013	0.33
545526 - 221221504-32	400	0.050	BRL	0.013	BRL
545526 - 221221504-33	0	0.050	BRL	----	----
545526 - 221221504-34	400	0.050	BRL	0.013	BRL
545526 - 221221504-35	100	0.050	0.40	0.050	0.40
545526 - 221221504-36	100	0.050	0.24	0.050	0.24
545526 - 221221504-37	100	0.050	0.050	0.050	0.050
545526 - 221221504-38	100	0.050	0.18	0.050	0.18
545526 - 221221504-39	400	0.050	0.052	0.013	0.013
545526 - 221221504-40	400	0.050	31.6	0.013	7.9
545526 - 221221504-41	400	0.050	3.1	0.013	0.78
545526 - 221221504-42	0	0.050	BRL	----	----

Unless otherwise noted on the QC table, all quality control samples performed within specifications established by the laboratory

Unless otherwise noted sample analysis have not been blank corrected

Mitchell Harfst
Analyst

Samuel Shields
Analyst

EUROFINS RESERVOIRS ENVIRONMENTAL, INC

NVLAP Lab Code 101896-0
AIHA LAP, LLC. LAB ID 101533

TABLE: I ANALYSIS: METHAMPHETAMINE BY WIPE

RES Job Number:	**RES 545526-1**
Client:	**Quest Environmental**
Client Project/P.O.:	**221221504**
Client Project Description:	**Boulder Public Lib**
Date Samples Received:	**December 20, 2022**
Analysis Type:	**REI CHEMISTRY SOP / NIOSH 9109-M**
Turnaround:	**Rush**
Date Samples Analyzed:	**December 21 - December 22, 2022**

Quality Control Batch	Analyte	Reporting Limit (µg)	Matrix Blank (µg)	Matrix Duplicate (%RPD)	Matrix Spike (% Recovery)	Laboratory Control Sample (% Recovery)
122022-7	Meth	0.05	BRL	3	100	97
122022-8	Meth	0.05	BRL	1	95	96
122022-9	Meth	0.05	BRL	1	98	101

Unless otherwise noted all quality control samples performed within specifications established by the laboratory.
Unless otherwise noted sample analyses have not been blank corrected

Analyst

Analyst

eurofins | Built Environment Testing Reservoirs

RES Job #: 545526

SUBMITTED BY		INVOICE TO		CONTACT INFORMATION		SERIES
Company:	Quest Environmental	Company:	Quest Environmental	Contact:	Bob Woellner	-1 Chem Rush *VERBALS*
Address:	5211 S. Quebec	Address:	5211 S. Quebec	Phone:	(303) 935-1573	
				Fax:	(303) 935-7955	
	Greenwood Village, CO 80111		Greenwood Village, CO 80111	Cell:		
Project Number and/or P.O. #:	221221504			Final Data Deliverable Email Address:		
Project Description/Location:	Boulder Public Lib			woellner@questmi.com (+ 2 ADDNL. CONTACTS)		

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm

PLM / PCM / TEM — DTL RUSH PRIORITY STANDARD

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm

Dust — RUSH PRIORITY STANDARD

Metals — RUSH PRIORITY STANDARD *PRIOR NOTICE REQUIRED FOR SAME DAY TAT

Organics* — SAME DAY RUSH PRIORITY STANDARD

MICROBIOLOGY LABORATORY HOURS: Weekdays: 8am - 5pm

Viable Analysis** — PRIORITY STANDARD **TAT DEPENDENT ON SPEED OF MICROBIAL GROWTH

Medical Device Analysis — RUSH STANDARD

Mold Analysis — RUSH PRIORITY STANDARD

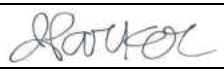
****Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.****

Special Instructions:
This project only, please call Bobs cell

VALID MATRIX CODES	
Air = A	Bulk = B
Dust = D	Food = F
Paint = P	Soil = S
Surface = SU	Swab = SW
Tape = T	Wipe = W
Drinking Water = DW	
Waste Water = WW	
ASTM E1792 approved wipe media only	

Client Sample ID Number (Sample ID's must be unique)	ASBESTOS: PLM - Short Report, Long Report, CARB 435	ASBESTOS: TEM - AHERA (+/- or Quantified), Microvac (+/- or Quantified), Wipe (+/- or Quantified), NIOSH 7402, Yamate Level II, ISO 10312, ISO 13794, Chatfield, Drinking Water, Waste Water, Bulk +/-, CARB Modified Ahera	CHEMISTRY: PCM - 7400A, 7400B, OSHA	CHEMISTRY: DUST - Total, Respirable	CHEMISTRY: METALS - Analyte(s) Lead Only (7082, 7420, Waste Water, Foodware), Multi Metals (7303,6020A, 200.8, Waste Water, Foodware, OSHA ID-125G), pH (Liquid or Non-Liquid), TCLP, RCRA 8 Scan, Welding Fume Scan, Full Metals Scan	CHEMISTRY: ORGANICS - Methamphetamine (NIOSH 9109)	MICROBIOLOGY: VIABLES - Campylobacter, Bacillus, Salmonella (Culturable or 1-2), Listeria, E.coli O157:H7, E.coli/Coliforms - Plated, S.aureus, Yeast & Mol, Aerobic Plate Count, Coliforms/E.coli - (State Water, Drinking Water, Non-Drinking Water, +/- Quantification), Lactic Acid, Viable Microbial Count (w/o ID or w/ID), Enterococcus (+/- or Quantification), Legionella (P, NP, C)	MICROBIOLOGY: MEDICAL - Bioburden, LAL	MICROBIOLOGY: MOLD - Spore Trap, Bulk Mold, Particulate Identification	Sample Volume (L) / Area	Length (or Aliquots) x Width (or Area per Aliquot)	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	Laboratory Analysis Instructions
1 221221504-01						X				400cm²		W		12/20/22	14:00	
2 221221504-02						X				400cm²		W		12/20/22	14:05	
3 221221504-03						X				400cm²		W		12/20/22	14:10	
4 221221504-04						X				400cm²		W		12/20/22	14:15	
5 221221504-05						X				400cm²		W		12/20/22	14:20	
6 221221504-06						X				400cm²		W		12/20/22	14:25	
7 221221504-07						X				400cm²		W		12/20/22	14:30	
8 221221504-08						X				400cm²		W		12/20/22	14:35	
9 221221504-09						X				400cm²		W		12/20/22	14:40	
10 221221504-10						X				400cm²		W		12/20/22	14:45	
11 221221504-11						X				0cm²		W		12/20/22	14:50	
12 221221504-12						X				400cm²		W		12/20/22	14:55	
13 221221504-13						X				400cm²		W		12/20/22	15:00	

EREI establishes a unique Lab Sample ID, for each sample, by preceding each unique Client Sample ID with the laboratory RES Job Number.
EREI will analyze incoming samples based on information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing, client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall consitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By:		Bob Woellner	Date/Time: 12/20/2022 17:32:43	Sample Condition: Acceptable
Received By:		Jessica Parker	Date/Time: 12/20/2022 17:33:13	Carrier: Hand

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Res Job#: **545526**

Submitted By: **Quest Environmental**

Client Sample ID Number (Sample ID's must be unique)	ASBESTOS: PLM - Short Report, Long Report, CARB 435	ASBESTOS: TEM - AHERA (+/- or Quantified), Microvac (+/- or Quantified), Wipe (+/- or Quantified), NIOSH 7402, Yamate Level II, ISO 10312, ISO 13794, Chatfield, Drinking Water, Waste Water, Bulk +/-, CARB Modified Ahera	ASBESTOS: PCM - 7400A, 7400B, OSHA	CHEMISTRY: DUST - Total, Respirable	CHEMISTRY: METALS - Analyte(s) Lead Only (7082, 7420), Waste Water, Foodware), Multi Metals (7303,6020A, 200.8, Waste Water, Foodware, OSHA ID-125G), pH (Liquid or Non-Liquid), TCLP, RCRA 8 Scan, Welding Fume Scan, Full Metals Scan	CHEMISTRY: ORGANICS - Methamphetamine (NIOSH 9109)	MICROBIOLOGY: VIABLES - Campylobacter, Bacillus, Salmonella (Culturable or 1-2), Listeria, E.coli O157:H7, E.coli/Coliforms - Plated, S.aureus, Yeast & Mol, Aerobic Plate Count, Coliforms/E.coli - (State Water, Drinking Water, Non-Drinking Water, +/-, Quantification), Lactic Acid, Viable Microbial Count (w/o ID or w/ID), Enterococcus (+/- or Quantification), Legionella (P, NP, C)	MICROBIOLOGY: MEDICAL - Bioburden, LAL	MICROBIOLOGY: MOLD - Spore Trap, Bulk Mold, Particulate Identification	Sample Volume (L) / Area	Length(or Aliquots) x Width(or Area per Aliquot	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	Laboratory Analysis Instructions
										Air = A		Bulk = B				
										Dust = D		Food = F				
										Paint = P		Soil = S				
										Surface = SU		Swab = SW				
										Tape = T		Wipe = W				
										Drinking Water = DW						
										Waste Water = WW						
										ASTM E1792 approved wipe media only						
14 221221504-14						X				400cm²		W		12/20/22	15:05	
15 221221504-15						X				400cm²		W		12/20/22	15:10	
16 221221504-16						X				400cm²		W		12/20/22	15:55	
17 221221504-17						X				400cm²		W		12/20/22	16:00	
18 221221504-18						X				400cm²		W		12/20/22	16:05	
19 221221504-19						X				400cm²		W		12/20/22	16:10	
20 221221504-20						X				400cm²		W		12/20/22	16:15	
21 221221504-21						X				400cm²		W		12/20/22	14:45	
22 221221504-22						X				0cm²		W		12/20/22	14:40	
23 221221504-23						X				400cm²		W		12/20/22	15:00	
24 221221504-24						X				400cm²		W		12/20/22	15:15	
25 221221504-25						X				400cm²		W		12/20/22	15:25	
26 221221504-26						X				400cm²		W		12/20/22	15:35	
27 221221504-27						X				400cm²		W		12/20/22	15:50	
28 221221504-28						X				400cm²		W		12/20/22	15:55	
29 221221504-29						X				400cm²		W		12/20/22	16:05	
30 221221504-30						X				400cm²		W		12/20/22	16:15	
31 221221504-31						X				400cm²		W		12/20/22	12:35	
32 221221504-32						X				400cm²		W		12/20/22	13:00	
33 221221504-33						X				0cm²		W		12/20/22	13:15	
34 221221504-34						X				400cm²		W		12/20/22	13:10	
35 221221504-35						X				100cm²		W		12/20/22	13:25	
36 221221504-36						X				100cm²		W		12/20/22	13:35	
37 221221504-37						X				100cm²		W		12/20/22	13:40	
38 221221504-38						X				100cm²		W		12/20/22	13:50	
39 221221504-39						X				400cm²		W		12/20/22	14:00	
40 221221504-40						X				400cm²		W		12/20/22	14:10	
41 221221504-41						X				400cm²		W		12/20/22	14:40	
42 221221504-42						X				0cm²		W		12/20/22	14:50	

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December 27, 2022

Subcontractor Number:
Laboratory Report: **RES 545655-1**
Project #/P.O. #: **221221504**
Project Description: **Boulder Public lib**

Bob Woellner
Quest Environmental
5211 S. Quebec
Greenwood Village CO 80111

Dear Bob,

Eurofins Reservoirs is an analytical laboratory accredited for the analysis of Environmental matrices by the National Environmental Laboratory Accreditation Program, Lab Certification #E871030. The laboratory is currently proficient in the in-house PAT Program.

Eurofins Reservoirs has analyzed the following sample(s) using Gas Chromatography Mass Spectrometry (GC/MS) / Gas Chromatography Flame Ionization Detector (GC/FID) per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results have been sent to your office.

RES 545655-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Eurofins Reservoirs will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed, as received by the customer. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Eurofins Reservoirs Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

Robin S Klover
by Mitchell Harfst

Robin Klover
Vice President

DATA QA
12/27/2022

EUROFINS RESERVOIRS ENVIRONMENTAL, INC

NVLAP Lab Code 101896-0
AIHA LAP, LLC. LAB ID 101533

TABLE: I ANALYSIS: METHAMPHETAMINE BY WIPE

RES Job Number: **RES 545655-1**
Client: **Quest Environmental**
Client Project/P.O.: **221221504**
Client Project Description: **Boulder Public lib**
Date Samples Received: **December 21, 2022**
Analysis Type: **REI CHEMISTRY SOP / NIOSH 9109-M**
Turnaround: **Rush**
Date Samples Analyzed: **December 22 - December 27, 2022**

NA = Not Analyzed
NR = Not Received
ND = None Detected
BAS = Below Analytical Sensitivity
BRL = Below Reporting Limit

Laboratory Sample ID Client ID Number	Sample Area (cm^2)	Reporting Limit (µg)	METHAMPHETAMINE CONCENTRATION (µg)	Reporting Limit (µg/100cm^2)	METHAMPHETAMINE CONCENTRATION (µg/100cm^2)
545655 - 221221504-43	400	0.050	BRL	0.013	BRL
545655 - 221221504-44	400	0.050	0.23	0.013	0.058
545655 - 221221504-45	400	0.050	BRL	0.013	BRL
545655 - 221221504-46	400	0.050	0.053	0.013	0.013
545655 - 221221504-47	400	0.050	BRL	0.013	BRL
545655 - 221221504-48	400	0.050	BRL	0.013	BRL
545655 - 221221504-49	400	0.050	BRL	0.013	BRL
545655 - 221221504-50	400	0.050	BRL	0.013	BRL
545655 - 221221504-51	400	0.050	BRL	0.013	BRL
545655 - 221221504-52	400	0.050	BRL	0.013	BRL
545655 - 221221504-53	0	0.050	BRL	----	----
545655 - 221221504-54	400	0.050	BRL	0.013	BRL
545655 - 221221504-55	400	0.050	BRL	0.013	BRL
545655 - 221221504-56	400	0.050	BRL	0.013	BRL
545655 - 221221504-57	400	0.050	BRL	0.013	BRL
545655 - 221221504-58	400	0.050	BRL	0.013	BRL
545655 - 221221504-59	400	0.050	BRL	0.013	BRL
545655 - 221221504-60	400	0.050	BRL	0.013	BRL
545655 - 221221504-61	400	0.050	BRL	0.013	BRL
545655 - 221221504-62	400	0.050	BRL	0.013	BRL
545655 - 221221504-63	100	0.050	BRL	0.050	BRL
545655 - 221221504-64	0	0.050	BRL	----	----
545655 - 221221504-65	100	0.050	BRL	0.050	BRL
545655 - 221221504-66	400	0.050	BRL	0.013	BRL
545655 - 221221504-67	400	0.050	BRL	0.013	BRL
545655 - 221221504-68	400	0.050	0.055	0.013	0.014
545655 - 221221504-69	400	0.050	0.25	0.013	0.062
545655 - 221221504-70	100	0.050	0.10	0.050	0.10

EUROFINS RESERVOIRS ENVIRONMENTAL, INC

NVLAP Lab Code 101896-0
AIHA LAP, LLC. LAB ID 101533

TABLE: I ANALYSIS: METHAMPHETAMINE BY WIPE

RES Job Number:	**RES 545655-1**
Client:	**Quest Environmental**
Client Project/P.O.:	**221221504**
Client Project Description:	**Boulder Public lib**
Date Samples Received:	**December 21, 2022**
Analysis Type:	**REI CHEMISTRY SOP / NIOSH 9109-M**
Turnaround:	**Rush**
Date Samples Analyzed:	**December 22 - December 27, 2022**

NA = Not Analyzed
NR = Not Received
ND = None Detected
BAS = Below Analytical Sensitivity
BRL = Below Reporting Limit

Laboratory Sample ID Client ID Number	Sample Area (cm^2)	Reporting Limit (µg)	METHAMPHETAMINE CONCENTRATION (µg)	Reporting Limit (µg/100cm^2)	METHAMPHETAMINE CONCENTRATION (µg/100cm^2)
545655 - 221221504-71	400	0.050	1.1	0.013	0.29
545655 - 221221504-72	400	0.050	0.11	0.013	0.027
545655 - 221221504-73	400	0.050	0.078	0.013	0.020
545655 - 221221504-74	400	0.050	BRL	0.013	BRL
545655 - 221221504-75	400	0.050	BRL	0.013	BRL
545655 - 221221504-76	400	0.050	0.074	0.013	0.019
545655 - 221221504-77	400	0.050	BRL	0.013	BRL
545655 - 221221504-78	400	0.050	BRL	0.013	BRL
545655 - 221221504-79	400	0.050	BRL	0.013	BRL
545655 - 221221504-80	400	0.050	BRL	0.013	BRL
545655 - 221221504-81	400	0.050	0.096	0.013	0.024
545655 - 221221504-82	400	0.050	0.44	0.013	0.11
545655 - 221221504-83	100	0.25	0.75	0.25	0.75
545655 - 221221504-84	100	0.25	1.2	0.25	1.2
545655 - 221221504-85	0	0.050	BRL	----	----
545655 - 221221504-86	100	0.050	0.28	0.050	0.28
545655 - 221221504-87	100	0.050	0.25	0.050	0.25
545655 - 221221504-88	100	0.050	0.19	0.050	0.19
545655 - 221221504-89	100	0.050	BRL	0.050	BRL
545655 - 221221504-90	400	0.050	BRL	0.013	BRL
545655 - 221221504-91	0	0.050	BRL	----	----
545655 - 221221504-74.5	0	0.050	BRL	----	----

Unless otherwise noted on the QC table, all quality control samples performed within specifications established by the laboratory

Unless otherwise noted sample analysis have not been blank corrected

5X dilution was required on sample: 221221504-83 for analytes Meth; sample: 221221504-84 for analytes Meth;

For all samples requiring increased dilutions, the reporting limit has been adjusted accordingly.

Analyst

Analyst

EUROFINS RESERVOIRS ENVIRONMENTAL, INC

NVLAP Lab Code 101896-0
AIHA LAP, LLC. LAB ID 101533

TABLE: I ANALYSIS: METHAMPHETAMINE BY WIPE

RES Job Number:	**RES 545655-1**
Client:	**Quest Environmental**
Client Project/P.O.:	**221221504**
Client Project Description:	**Boulder Public lib**
Date Samples Received:	**December 21, 2022**
Analysis Type:	**REI CHEMISTRY SOP / NIOSH 9109-M**
Turnaround:	**Rush**
Date Samples Analyzed:	**December 22 - December 27, 2022**

Quality Control Batch	Analyte	Reporting Limit (µg)	Matrix Blank (µg)	Matrix Duplicate (%RPD)	Matrix Spike (% Recovery)	Laboratory Control Sample (% Recovery)
122122-3	Meth	0.05	BRL	1	95	100
122122-4	Meth	0.05	BRL	1	95	94
122122-5	Meth	0.05	BRL	0	95	97
122722-1	Meth	0.05	BRL	0	97	97

Unless otherwise noted all quality control samples performed within specifications established by the laboratory.
Unless otherwise noted sample analyses have not been blank corrected

Analyst

Analyst

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RES Job #: 545655

SUBMITTED BY		INVOICE TO		CONTACT INFORMATION		SERIES
Company:	Quest Environmental	Company:	Quest Environmental	Contact:	Bob Woellner	-1 Chem Rush *VERBALS*
Address:	5211 S. Quebec	Address:	5211 S. Quebec	Phone:	(303) 935-1573	
				Fax:	(303) 935-7955	
	Greenwood Village, CO 80111		Greenwood Village, CO 80111	Cell:		
Project Number and/or P.O. #:	221221504			Final Data Deliverable Email Address:		
Project Description/Location:	Boulder Public lib			woellner@questmi.com (+ 2 ADDNL. CONTACTS)		

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm

PLM / PCM / TEM — DTL RUSH PRIORITY STANDARD

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm

Dust — RUSH PRIORITY STANDARD

Metals — RUSH PRIORITY STANDARD

*PRIOR NOTICE REQUIRED FOR SAME DAY TAT

Organics* — SAME DAY RUSH PRIORITY STANDARD

MICROBIOLOGY LABORATORY HOURS: Weekdays: 8am - 5pm

Viable Analysis** — PRIORITY STANDARD

**TAT DEPENDENT ON SPEED OF MICROBIAL GROWTH

Medical Device Analysis — RUSH STANDARD

Mold Analysis — RUSH PRIORITY STANDARD

****Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.****

Special Instructions:

REQUESTED ANALYSIS

PLM - Short Report, Long Report, CARB 435

TEM - AHERA (+/- or Quantified), Microvac (+/- or Quantified), Wipe (+/- or Quantified), NIOSH 7402, Yamate Level II, ISO 10312, ISO 13794, Chatfield, Drinking Water, Waste Water, Bulk +/-, CARB Modified Ahera

PCM - 7400A, 7400B, OSHA

DUST - Total, Respirable

METALS - Analyte(s) Lead Only (7082, 7420, Waste Water, Foodware), Multi Metals (7303,6020A, 200.8, Waste Water, Foodware, OSHA ID-125G), pH (Liquid or Non-Liquid), TCLP, RCRA 8 Scan, Welding Fume Scan, Full Metals Scan

ORGANICS - Methamphetamine (NIOSH 9109)

VIABLES - Campylobacter, Bacillus, Salmonella (Culturable or 1-2), Listeria, E.coli O157:H7, E.coli/Coliforms - Plated, S.aureus, Yeast & Mol, Aerobic Plate Count, Coliforms/E.coli - (State Water, Drinking Water, Non-Drinking Water, +/- Quantification), Lactic Acid, Viable Microbial Count (w/o ID or w/ID), Enterococcus (+/- or Quantification), Legionella (P, NP, C)

MEDICAL - Bioburden, LAL

MOLD - Spore Trap, Bulk Mold, Particulate Identification

VALID MATRIX CODES

Air = A	Bulk = B
Dust = D	Food = F
Paint = P	Soil = S
Surface = SU	Swab = SW
Tape = T	Wipe = W
Drinking Water = DW	
Waste Water = WW	
ASTM E1792 approved wipe media only	

LAB NOTES

Client Sample ID Number (Sample ID's must be unique)	ASBESTOS			CHEMISTRY			MICROBIOLOGY			Sample Volume (L) / Area	Length(or Aliquots) x Width(or Area per Aliquot)	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	Laboratory Analysis Instructions
1 221221504-43						X				400cm²		W		12/21/22	12:45	
2 221221504-44						X				400cm²		W		12/21/22	12:30	
3 221221504-45						X				400cm²		W		12/21/22	12:35	
4 221221504-46						X				400cm²		W		12/21/22	12:40	
5 221221504-47						X				400cm²		W		12/21/22	12:45	
6 221221504-48						X				400cm²		W		12/21/22	12:50	
7 221221504-49						X				400cm²		W		12/21/22	12:55	
8 221221504-50						X				400cm²		W		12/21/22	13:00	
9 221221504-51						X				400cm²		W		12/21/22	13:05	
10 221221504-52						X				400cm²		W		12/21/22	13:10	
11 221221504-53						X				0cm²		W		12/21/22	13:15	
12 221221504-54						X				400cm²		W		12/21/22	13:20	
13 221221504-55						X				400cm²		W		12/21/22	13:25	

EREI establishes a unique Lab Sample ID, for each sample, by preceding each unique Client Sample ID with the laboratory RES Job Number.
EREI will analyze incoming samples based on information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing, client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall consitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By:		Bob Woellner	Date/Time: 12/21/2022 17:28:18	Sample Condition: Acceptable
Received By:		Jessica Parker	Date/Time: 12/21/2022 17:28:40	Carrier: Hand

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Res Job#: **545655**

Submitted By: **Quest Environmental**

Client Sample ID Number (Sample ID's must be unique)	ASBESTOS: PLM - Short Report, Long Report, CARB 435	ASBESTOS: TEM - AHERA (+/- or Quantified), Microvac (+/- or Quantified), Wipe (+/- or Quantified), NIOSH 7402, Yamate Level II, ISO 10312, ISO 13794, Chatfield, Drinking Water, Waste Water, Bulk +/-, CARB Modified Ahera	ASBESTOS: PCM - 7400A, 7400B, OSHA	CHEMISTRY: DUST - Total, Respirable	CHEMISTRY: METALS - Analyte(s) Lead Only (7082, 7420), Waste Water, Foodware), Multi Metals (7303,6020A, 200.8, Waste Water, Foodware, OSHA ID-125G), pH (Liquid or Non-Liquid), TCLP, RCRA 8 Scan, Welding Fume Scan, Full Metals Scan	CHEMISTRY: ORGANICS - Methamphetamine (NIOSH 9109)	MICROBIOLOGY: VIABLES - Campylobacter, Bacillus, Salmonella (Culturable or 1-2), Listeria, E.coli O157:H7, E.coli/Coliforms - Plated, S.aureus, Yeast & Mol, Aerobic Plate Count, Coliforms/E.coli - (State Water, Drinking Water, Non-Drinking Water, +/-, Quantification), Lactic Acid, Viable Microbial Count (w/oID or w/ID), Enterococcus (+/- or Quantification), Legionella (P, NP, C)	MICROBIOLOGY: MEDICAL - Bioburden, LAL	MICROBIOLOGY: MOLD - Spore Trap, Bulk Mold, Particulate Identification	Sample Volume (L) / Area	Length(or Aliquots) x Width(or Area per Aliquot)	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	Laboratory Analysis Instructions
										Air = A; Dust = D; Paint = P; Surface = SU; Tape = T		Bulk = B; Food = F; Soil = S; Swab = SW; Wipe = W; Drinking Water = DW; Waste Water = WW; **ASTM E1792 approved wipe media only**				
14 221221504-56						X				400cm²		W		12/21/22	13:30	
15 221221504-57						X				400cm²		W		12/21/22	13:35	
16 221221504-58						X				400cm²		W		12/21/22	13:40	
17 221221504-59						X				400cm²		W		12/21/22	13:45	
18 221221504-60						X				400cm²		W		12/21/22	13:50	
19 221221504-61						X				400cm²		W		12/21/22	13:55	
20 221221504-62						X				400cm²		W		12/21/22	14:00	
21 221221504-63						X				100cm²		W		12/21/22	14:05	
22 221221504-64						X				0cm²		W		12/21/22	14:10	
23 221221504-65						X				100cm²		W		12/21/22	14:15	
24 221221504-66						X				400cm²		W		12/21/22	14:20	
25 221221504-67						X				400cm²		W		12/21/22	14:25	
26 221221504-68						X				400cm²		W		12/21/22	14:30	
27 221221504-69						X				400cm²		W		12/21/22	14:35	
28 221221504-70						X				100cm²		W		12/21/22	15:05	
29 221221504-71						X				400cm²		W		12/21/22	15:10	
30 221221504-72						X				400cm²		W		12/21/22	15:15	
31 221221504-73						X				400cm²		W		12/21/22	15:20	
32 221221504-74						X				400cm²		W		12/21/22	15:25	
33 221221504-75						X				400cm²		W		12/21/22	15:30	
34 221221504-76						X				400cm²		W		12/21/22	15:35	
35 221221504-77						X				400cm²		W		12/21/22	15:40	
36 221221504-78						X				400cm²		W		12/21/22	15:45	
37 221221504-79						X				400cm²		W		12/21/22	15:50	
38 221221504-80						X				400cm²		W		12/21/22	15:55	
39 221221504-81						X				400cm²		W		12/21/22	14:30	
40 221221504-82						X				400cm²		W		12/21/22	14:45	
41 221221504-83						X				100cm²		W		12/21/22	14:55	
42 221221504-84						X				100cm²		W		12/21/22	17:05	
43 221221504-85						X				0cm²		W		12/21/22	15:15	

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Res Job#: **545655**

Submitted By: **Quest Environmental**

Client Sample ID Number (Sample ID's must be unique)	ASBESTOS: PLM - Short Report, Long Report, CARB 435	ASBESTOS: TEM - AHERA (+/- or Quantified), Microvac (+/- or Quantified), Wipe (+/- or Quantified), NIOSH 7402, Yamate Level II, ISO 10312, ISO 13794, Chatfield, Drinking Water, Waste Water, Bulk +/-, CARB Modified Ahera	ASBESTOS: PCM - 7400A, 7400B, OSHA	CHEMISTRY: DUST - Total, Respirable	CHEMISTRY: METALS - Analyte(s) Lead Only (7082, 7420), Waste Water, Foodware), Multi Metals (7303,6020A, 200.8, Waste Water, Foodware, OSHA ID-125G), pH (Liquid or Non-Liquid), TCLP, RCRA 8 Scan, Welding Fume Scan, Full Metals Scan	CHEMISTRY: ORGANICS - Methamphetamine (NIOSH 9109)	MICROBIOLOGY: VIABLES - Campylobacter, Bacillus, Salmonella (Culturable or 1-2), Listeria, E.coli O157:H7, E.coli/Coliforms - Plated, S.aureus, Yeast & Mol, Aerobic Plate Count, Coliforms/E.coli - (State Water, Drinking Water, Non-Drinking Water, +/-, Quantification), Lactic Acid, Viable Microbial Count (w/oID or w/ID), Enterococcus (+/- or Quantification), Legionella (P, NP, C)	MICROBIOLOGY: MEDICAL - Bioburden, LAL	MICROBIOLOGY: MOLD - Spore Trap, Bulk Mold, Particulate Identification	Sample Volume (L) / Area	Length(or Aliquots) x Width(or Area per Aliquot	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	Laboratory Analysis Instructions
										Air = A; Dust = D; Paint = P; Surface = SU; Tape = T		Bulk = B; Food = F; Soil = S; Swab = SW; Wipe = W				
										Drinking Water = DW; Waste Water = WW						
										ASTM E1792 approved wipe media only						
44 221221504-86						X				100cm²		W		12/21/22	15:35	
45 221221504-87						X				100cm²		W		12/21/22	15:45	
46 221221504-88						X				100cm²		W		12/21/22	15:55	
47 221221504-89						X				100cm²		W		12/21/22	16:15	
48 221221504-90						X				400cm²		W		12/21/22	16:30	
49 221221504-91						X				0cm²		W		12/21/22	16:40	
50 221221504-74.5						X				0cm²		W		12/21/22	15:28	

QUEST Environmental

MEMORANDUM

To: Rick Mruz, CDPHE
From: Robert A. Woellner and Tony Konowal, QUEST Environmental
Date: December 28, 2022
Re: Boulder Public Library Meth Sampling Variance Request

It has been a pleasure working with you on the Boulder Public Library meth preliminary assessment. As discussed, on December 12, 2022 at the request of Herron Enterprises USA, Inc. (Herron), Quality Environmental Services & Technologies, Inc. (QUEST) conducted limited meth sampling of the bathroom exhaust vent cover interiors in the public bathrooms at the Boulder Public Library. Analytical Chemistry Inc. identified meth concentrations in all six bathrooms to be in excess of 0.5 ug/100cm^2. Based on those exceedances, QUEST conducted follow-up meth sampling for the City of Boulder to quantify meth concentrations in additional locations in and around the bathroom areas of concern, and in surfaces of interest throughout the library building complex. On December 20, 2022 QUEST Environmental collected an additional 42 discrete and composite meth samples, and on December 21, 2022 QUEST collected an additional 50 meth samples. QUEST collected the 99 samples in general conformance with *CDPHE State Board of Health 6 CCR 1014-3 Regulations Pertaining to the Cleanup of Methamphetamine-Affected Properties Part 1: Property Assessment, Decontamination and Clearance*. Based on the size of the library complex QUEST hereby requests the following variances for our preliminary assessment and final clearance reports for the Boulder Public Library.

Variance Request: The citations of the regulation from which a variance is sought:

4.14 Photographic documentation of property conditions, including cooking areas, chemical storage areas, waste disposal areas, and areas of obvious contamination.

4.15.3 Results of sampling, including a description of sample locations and a computer generated figure illustrating the layout of the building(s) and sample locations and identification.

6.2.3 Prepare a rough sketch of the area(s) to be sampled and indicate sample location(s).

6.9.1 Except as provided in Section 6.9.1.1 at least 400 cm² of surface area shall be sampled from every room, attic, and crawl space.

6.9.3 For rooms greater than 500 ft of floor space an additional 100 cm^2 of surface area shall be sampled for each additional 500 ft^2 or fraction thereof.

6.9.7 The interior of major appliances, microwaves, refrigerators, freezers, ovens, and dryers) must be sampled using discrete samples. The exterior of major appliances may be sampled using composite samples.

8.2 Photographic documentation of post-decontamination property conditions, including

previously identified cooking areas, chemical storage areas, waste disposal area, areas of obvious contamination and sample locations.

8.5 Results of post-decontamination clearance sampling, including a description of sample locations and a computer generated figure with sample locations…

QUEST Environmental has consulted with the City of Boulder, Boulder County Public Health, and Colorado Department of Public Health & Environment representatives; and we all have agreed that the State regulations, although applicable, may not have anticipated the unique nature of this approximately 100,000 square foot building, with identified meth smoking sources, and broad based recipient populations. Based on extensive information provided by the City of Boulder, Boulder Public Health, and other site representatives, QUEST collected samples from the locations that were believed to have the highest levels of contamination, as well as the potential exposure locations deemed most relevant based on the library use of the property. Then, based on the laboratory results of sampled locations, QUEST conducted additional sampling to more clearly define the extent of contamination throughout the library.

QUEST proposes to meet the intention of the regulatory requirements by utilizing the sampling strategy and results detailed above to meet the requirements of the Preliminary Assessment and Final Clearance Report (after the decontamination and successful clearance of the bathroom areas, ventilation system, and eating bench areas). QUEST hereby requests that CDPHE grant this variance request to not include in our reports a computer generated figure illustrating the layout of the building(s), sampling location photographs, or compliance with the minimum square footage and distribution of sampling requirements. Instead, QUEST's preliminary assessment and final clearance reports will include the client provided building plan with hand written sampling locations as well as the data table listed below. Please see the attached data by location.

Sample No.	Date Tested	Sample Location(s)		Concentration
-01	*Dec. 12, 2022*	Restroom West Main Level (All Gender) Ventilation	a. 1st Stall (ADA), exhaust fan grille (interior) b. 2nd Stall, exhaust fan grille (interior) c. 4th Stall, exhaust fan grille (interior) d. 6th Stall, exhaust fan grille (interior)	**>75 µg/100 cm²**
-02	*Dec. 12, 2022*	Restroom West Main Level (Women's) Ventilation	a. Return air plenum b. Exhaust fan (interior) c. Heat exchanger, supply side grille (int.) d. Entry door, interior side	**25 µg/100 cm²**
-03	*Dec. 12, 2022*	Restroom West Upper Level (All Gender) Ventilation	a. 1st Stall (ADA), exhaust vent (interior) b. 3rd Stall, exhaust vent (interior) c. 5th Stall, exhaust vent (interior) d. 7th Stall, exhaust vent (interior)	**>75 µg/100 cm²**
-04	*Dec. 12, 2022*	Restroom West Upper Level (Men's) Ventilation	a. Return air plenum b. Exhaust fan grille (interior) c. Heat exchanger, supply side grille (int.) d. Entry door, interior side	**>75 µg/100 cm²**
-05	*Dec. 12, 2022*	Restroom North (Women's) Ventilation	a. Return Air Plenum b. Exhaust fan (interior) c. Top of sharps container d. Entry door (exit button)	**4.8 µg/100 cm²**

-06	*Dec. 12, 2022*	Restroom North (Men's) Ventilation	a. Return air plenum b. Exhaust fan (interior) c. Vent grille d. Entry door (exit button)	**13 µg/100 cm²**
-01	Dec. 20, 2022	Conoid (Vestibule)	a. Stone wall (NW) b. Stone bench (SE) c. S entry door, interior side d. stone bench @ supply air vent	0.036 µg/100 cm²
-02	Dec. 20, 2022	Entry Corridor	a. S wall, central b. N wall fire alarm c. N wall (stone column) d. S wall, floor by trash/compost bin	0.16 µg/100 cm²
-03	Dec. 20, 2022	Main Level Great Room (Seating Areas)	a. S side window ledge, W end b. S side DVD rack (Sci-Fi) c. E side window ledge by S emergency door d. E side cube table by N emergency door	0.019 µg/100 cm²
-04	Dec. 20, 2022	Main Level Great Room (Booths)	a. Booth (S end), ledge between seat and wall b. Booth (central), seat back/cushion c. Booth (cent.), ledge between seat and wall d. Window sill, N end	**1.3 µg/100 cm²**
-05	Dec. 20, 2022	Main Level Great Room (Book Racks)	a. Graphic Novel (K-Z) b. Sci-Fi/Fantasy (A-E) c. Fiction (Benn-Chik) d. New Mystery	0.049 µg/100 cm²
-06	Dec. 20, 2022	Main Level Great Room (Spiral Stairs)	a. Hand rail (at main level) b. Hand rail (midway) c. Hand rail (midway) d. Hand rail (at upper level)	<0.013 µg/100 cm²
-07	Dec. 20, 2022	Main Level Children's Theater	a. E wall (stone) at screen controls b. Seating (1st tier), NW corner c. W wall, central d. N wall, column by steps door	0.019 µg/100 cm²
-08	Dec. 20, 2022	Main Level Children's Story Time Area	a. Kid's Staff Picks book rack b. Performance wall, S end c. Orange seating/ledge, SW corner d. Column, N side	<0.013 µg/100 cm²
-09	Dec. 20, 2022	Main Level Children's Book Racks	a. Non-Fiction (400-574) b. Easy readers c. Blue booth seat cushion, NE corner d. Train table, N-central nook	<0.013 µg/100 cm²
-10	Dec. 20, 2022	Main Level Children's (Family) Sm. Bathroom	a. Changing station b. Entry door, interior side c. N wall (by toilet) d. Ceiling (by exhaust fan)	<0.013 µg/100 cm²
-12	Dec. 20, 2022	Main Level Children's (Family) Lg. Bathroom	a. Changing station b. Entry door, interior side c. N wall (by toilet) d. Ceiling (by exhaust fan)	<0.013 µg/100 cm²
-13	Dec. 20, 2022	Main Level Children's Ceiling Plenum	a. N end (W side) top of ceiling tile b. S end (W side) top of ceiling tile c. N end (E side) top of ceiling tile d. S end (E side) top of ceiling tile	0.018 µg/100 cm²
-14	Dec. 20, 2022	Bridge	a. S end (E wall) heater / hand rail b. S end (W wall) c. N end (N wall) seat back / window d. N end (W wall) baseboard heat	0.10 µg/100 cm²
-15	Dec. 20, 2022	Café	a. Toast register counter	0.013 µg/100 cm²

			b. Sugar dispenser counter c. Beverage refrigerator counter d. S end (window/ledge)	
-16	Dec. 20, 2022	Upper Level Great Room Computer Lab	a. Table 4 b. Table 19 c. Table 26 d. Courtesy phone counter	<0.013 µg/100 cm^2
-17	Dec. 20, 2022	Upper Level Great Room Seating	a. NW - Reference book rack (001-338) b. SE - Table by empty magazine racks c. Quiet Area – table by fire extinguisher d. Magazine Area – top of chairs	<0.013 µg/100 cm^2
-18	Dec. 20, 2022	Upper Level Admin Reception & Corridor	a. Reception – computer table b. Entry door, interior side c. N wall, top of painting d. S wall, door to exterior (interior side)	<0.013 µg/100 cm^2
-19	Dec. 20, 2022	Upper Level Admin Library Director's Office	a. Desk with laptop b. Entry door, interior side c. N wall, top of cabinets d. W wall, door to exterior (interior side)	<0.013 µg/100 cm^2
-20	Dec. 20, 2022	Upper Level Admin Library Deputy Director's Office	a. Computer table b. Entry door, interior side c. S wall, top of file cabinet d. W wall, door to exterior (interior side)	<0.013 µg/100 cm^2
-21	Dec. 20, 2022	Upper Level Admin Finance Office	a. Computer mouse b. Desk by computer station c. Desk corner by door d. Interior door knob	<0.013 µg/100 cm^2
-23	Dec. 20, 2022	Upper Level Admin Manager's Office	a. Computer mouse b. Desk central by window c. Table by door d. Entry door, interior side	<0.013 µg/100 cm^2
-24	Dec. 20, 2022	Upper Level Admin Kitchen & Copy Area	a. Top of south file cabinet b. Cabinet above sink c. Copier touchpad d. Refrigerator handle	<0.013 µg/100 cm^2
-25	Dec. 20, 2022	Upper Level Admin Offices/Cubicles Area	a. Entry door, interior side b. Work table, NE corner c. Second cubicle keyboard d. Air blower base	<0.013 µg/100 cm^2
-26	Dec. 20, 2022	Upper Level Admin Staff Bathrooms	a. Entry door, interior side b. Table, front right c. Paper towel dispenser d. Top of soap dispenser	<0.013 µg/100 cm^2
-27	Dec. 20, 2022	Upper Level Study Room South	a. Entry door, interior side b. Table corner front left c. Chair d. Floor, under chair	0.058 µg/100 cm^2
-28	Dec. 20, 2022	Upper Level Study Room North	a. Entry door, interior side b. Table corner front left c. Chair d. Floor, back corner	<0.013 µg/100 cm^2
-29	Dec. 20, 2022	Upper Level Stacks South	a. Book racks SW (001-099) b. SE corner orange chair c. E-central gray rocking chair d. Book racks NE (500-515.9)	0.12 µg/100 cm^2
-30	Dec. 20, 2022	Upper Level Stacks Central	a. SE corner radiant heater b. Book racks E (796.54-799.9) c. NE corner bench	0.013 µg/100 cm^2

			d. Book racks E-central (746.92092-759.39)	
-31	Dec. 20, 2022	Upper Level Seating Lounge	a. W wall heater / hand rail b. NW chair back c. NW electrical plugs d. Garbage/recycling bin	0.33 µg/100 cm^2
-32	Dec. 20, 2022	Upper Level Teen Space	a. Air fan base b. Teen computer keyboard #1 c. Teen computer keyboard #6 d. Gaming console remote	<0.013 µg/100 cm^2
-34	Dec. 20, 2022	Upper Level Teen Sound Room	a. Light switch b. White keyboard c. Black keyboard d. Ceiling return air grille	<0.013 µg/100 cm^2
-35	Dec. 20, 2022	Building Air Entry		0.40 µg/100 cm^2
-36	Dec. 20, 2022	Cooling Bypass		0.24 µg/100 cm^2
-37	Dec. 20, 2022	Fan Room		0.050 µg/100 cm^2
-38	Dec. 20, 2022	Return Air Louvers		0.18 µg/100 cm^2
-39	Dec. 20, 2022	Custodial Desk Area	a. Main desktop, center b. Secondary desktop, center c. Green chair hand/arm rest d. Clothes locker	0.013 µg/100 cm^2
-40	Dec. 20, 2022	Restroom West Main Level (All Gender) Contacts	a. Sinks, top of sharps container b. Baby changing table c. Middle stall, interior side handle d. Air filter exhaust on changing table	**7.9 µg/100 cm^2**
-41	Dec. 20, 2022	Restroom West Upper Level (Men's) Contacts	a. Top of Sharps Dispenser b. Counter c. Door Interior Contact Plate d. Stall Door Hand Contact Area	**0.78 µg/100 cm^2**
-43	Dec. 21, 2022	North Building - Security Desk & Hall	a. Security desk computer keyboard b. Exterior door to Japanese Garden c. Theater steps - handrail d. Ramp to bridge (W side handrail)	<0.013 µg/100 cm^2
-44	Dec. 21, 2022	North Building - Gallery	a. Top of display box (S side of entry doors) b. Inner door to exterior c. Wood bench (N side of entry doors) d. Handrail (N side by ramp)	0.058 µg/100 cm^2
-45	Dec. 21, 2022	Japanese Garden (Outdoor Space)	a. Door to building, exterior side b. Blue chair (SW corner) c. White table (S-central) d. Wood bench (NE corner)	<0.013 µg/100 cm^2
-46	Dec. 21, 2022	Edible Learning Garden (Outdoor Space)	a. Door to building, exterior side b. White chair (SW corner) c. Metal table (SE corner) d. Stone bench (central)	0.013 µg/100 cm^2
-47	Dec. 21, 2022	Channel 8 – Common space	a. Blue chair, armrest b. Wood table c. Entry door, interior side d. Copier keypad	<0.013 µg/100 cm^2
-48	Dec. 21, 2022	Channel 8 – Causa Office	a. Entry door, interior side b. Keypad c. Lamp d. Table	<0.013 µg/100 cm^2
-49	Dec. 21, 2022	Channel 8 – Huntley Office	a. Entry door, interior side b. Computer mouse c. Chair tablet arm d. Keyboard on black file cabinet	<0.013 µg/100 cm^2
-50	Dec. 21, 2022	Channel 8 –	a. Entry door, interior side	<0.013 µg/100 cm^2

		Kamhi/Sifuentes Office	b. Keyboard c. Chair tablet arm d. Red chair armrest	
-51	Dec. 21, 2022	Channel 8 – Bogdanovic/ Siegle Office	a. Entry door, interior side b. Keyboard c. Chair armrest d. Top of file cabinet	<0.013 µg/100 cm^2
-52	Dec. 21, 2022	Channel 8 – Glavin/Bierbaum Office	a. Entry door, interior side b. Keyboard c. Computer mouse d. Light switch	<0.013 µg/100 cm^2
-54	Dec. 21, 2022	Channel 8 – Studio Control Area	a. Entry door, interior side b. Keyboard c. Computer mouse d. Chair	<0.013 µg/100 cm^2
-55	Dec. 21, 2022	Channel 8 - Studio	a. Closet light switch b. Handrail c. News desk d. Light switch (by steps)	<0.013 µg/100 cm^2
-56	Dec. 21, 2022	Channel 8- Higham Offiec	a. Entry door, interior side b. Light switch c. Computer mouse d. Phone	<0.013 µg/100 cm^2
-57	Dec. 21, 2022	Channel 8 – Avendano Office	a. Entry door, interior side b. Pink keyboard c. Chair armrest d. Light switch	<0.013 µg/100 cm^2
-58	Dec. 21, 2022	Channel 8 – Empty / Storage Office	a. Entry door, interior side b. Light switch c. Chair armrest d. Desk	<0.013 µg/100 cm^2
-59	Dec. 21, 2022	Channel 8 – Shepler Office	a. Entry door, interior side b. Light switch c. Chair armrest d. Desk	<0.013 µg/100 cm^2
-60	Dec. 21, 2022	Channel 8 – Break Room	a. Exit door, interior side b. Light switch c. Refrigerator door handle d. Counter top	<0.013 µg/100 cm^2
-61	Dec. 21, 2022	Channel 8 – Albatury Office	a. Entry door, interior side b. Light switch c. Keyboard d. Chair armrest	<0.013 µg/100 cm^2
-62	Dec. 21, 2022	Channel 8 – Engine Room	a. Entry door, interior side b. Keyboard c. Light switch d. Studio door, interior side	<0.013 µg/100 cm^2
-63	Dec. 21, 2022	Channel 8 – Engine Room Mech. Closet (HVAC System, interior)		<0.050 µg/100 cm^2
-65	Dec. 21, 2022	Channel 8 – Engine Room Mini-Split		<0.050 µg/100 cm^2
-66	Dec. 21, 2022	North Building – Theater	a. Control/sound board b. NE door, interior side c. NW door, interior side d. Stage, back door (interior side)	<0.013 µg/100 cm^2
-67	Dec. 21, 2022	North Building – Channel 8 Locker Room	a. Entry door, interior side b. Sink faucet c. Door to bathroom, interior side d. Light switch	<0.013 µg/100 cm^2
-68	Dec. 21, 2022	North Building –	a. Entry door, interior side	0.014 µg/100 cm^2

		Bathroom (inside Locker Room)	b. Light switch c. Exhaust vent cover d. Sink faucet	
-69	Dec. 21, 2022	North Building – Channel 8 Hall Bathroom	a. Entry door, interior side b. Light switch c. Exhaust vent cover d. Sink faucet	0.062 µg/100 cm^2
-70	Dec. 21, 2022	North Building – Channel 8 Locker Room Exhaust Vent		0.10 µg/100 cm^2
-71	Dec. 21, 2022	North Building – Custodial / Laundry Room	a. Light switch b. Ledge by door (J box) c. Washer controls d. Locker handle	0.29 µg/100 cm^2
-72	Dec. 21, 2022	North Building – Elevator #3	a. Buttons b. Handrail c. Rear wall d. Floor	0.027 µg/100 cm^2
-73	Dec. 21, 2022	North Building – Boiler Room	a. Light switch b. Entry door, interior side c. Handrail d. Top of boiler #2	0.020 µg/100 cm^2
-74	Dec. 21, 2022	North Building – 3D Printer Room	a. Entry door, interior side b. Light switch c. Keyboard d. Printer door handle (upper left)	<0.013 µg/100 cm^2
-75	Dec. 21, 2022	North Building – Laser Cutting Room	a. Light switch b. Computer mouse c. 75 watt laser cutter d. 40 watt laser cutter	<0.013 µg/100 cm^2
-76	Dec. 21, 2022	North Building – Wood Shop	a. Light switch b. Blower discharge c. Dust collector discharge d. Keyboard	0.019 µg/100 cm^2
-77	Dec. 21, 2022	North Building – Resource / Receiving Room	a. Entry door, interior side b. Light switch c. Tony B keyboard d. Mark A keyboard	<0.013 µg/100 cm^2
-78	Dec. 21, 2022	North Building – Growing Up Boulder Office	a. Light switch b. Copier keypad c. Right keypad d. Left Mouse	<0.013 µg/100 cm^2
-79	Dec. 21, 2022	North Building – Engagement Lab	a. Light switch b. Left computer mouse c. Corner computer keyboard d. Back corner computer keyboard	<0.013 µg/100 cm^2
-80	Dec. 21, 2022	North Building – Canyon Meeting Room	a. Light switch b. Side table c. Main central table d. Entry door, interior side	<0.013 µg/100 cm^2
-81	Dec. 21, 2022	Library South (#1) Elevator	a. Floor buttons b. Handrail c. Main door d. Floor carpet	0.024 µg/100 cm^2
-82	Dec. 21, 2022	Library Central (#2) Elevator	a. Floor buttons b. Handrail c. Main door d. Floor carpet	0.11 µg/100 cm^2
-83	Dec. 21, 2022	Main Level Children's (Family) Lg. Bathroom Exhaust Fan		**0.75 µg/100 cm^2**
-84	Dec. 21, 2022	Main Level Children's (Family) Sm. Bathroom Exhaust Fan		**1.2 µg/100 cm^2**

-86	Dec. 21, 2022	Mezzanine AHU (MZU3)	0.28 µg/100 cm^2
-87	Dec. 21, 2022	Mezzanine AHU (MZU2)	0.25 µg/100 cm^2
-88	Dec. 21, 2022	Mezzanine AHU (MZU1)	0.19 µg/100 cm^2
-89	Dec. 21, 2022	Theater RTU	<0.050 µg/100 cm^2
-90	Dec. 21, 2022	North Building - Boulder Reads Literacy Lab a. Entry door, interior side b. Right keyboard c. Left keyboard d. Far computer mouse	<0.013 µg/100 cm^2
-07	Dec. 12, 2022	Blank	0.053 µg
-11	Dec. 20, 2022	Blank	<0.050 µg
-22	Dec. 20, 2022	Blank	<0.050 µg
-33	Dec. 20, 2022	Blank	<0.050 µg
-42	Dec. 20, 2022	Blank	<0.050 µg
-53	Dec. 21, 2022	Blank	<0.050 µg
-64	Dec. 21, 2022	Blank	<0.050 µg
-74.5	Dec. 21, 2022	Blank	<0.050 µg
-85	Dec. 21, 2022	Blank	<0.050 µg
-91	Dec. 21, 2022	Blank	<0.050 µg

Certainly call QUEST with any questions or comments. We look forward to our continued association.

COLORADO
Department of Public Health & Environment

December 30, 2022

Robert A. Woellner
QUEST Environmental
woellner@questmi.com

RE: Approval of Variance under 6 CCR 1014-3
Boulder Public Library, Boulder, Colorado

Dear Mr. Woellner:

The Hazardous Materials and Waste Management Division of the Colorado Department of Public Health and Environment (the Department) has reviewed the variance request, dated December 28, 2022 regarding the Boulder Public Library in Boulder, Colorado.

QUEST Environmental (QUEST) seeks a variance from Part 1, Sections 4.14, 4.15.3, 6.2.3, 6.9.1, 6.9.3, 6.9.7, 8.2, and 8.5 of the Regulations Pertaining to the Cleanup of Methamphetamine-Affected Properties (6 CCR 1014-3) to not include in reports a computer generated figure, sampling location photographs, or compliance with the minimum square footage and sampling distribution requirements.

QUEST, in the preliminary assessment (PA), will include a City of Boulder provided building plan with hand written sampling locations rather than a computer generated figure. It is the Division's understanding that photographs were collected at all sampling locations but due to the number of samples collected (roughly 100) and file size, the (PA) will include photographs of the sample locations which detected methamphetamine only. Regarding the requirements for sampling square footage and distribution, QUEST took the approach of sampling the worse-case scenario and highest potential for exposures. They then worked outward from identified areas of concern.

Based on the information provided, and the specific circumstances that exist at this property, the Department approves the requested December 28, 2022 variance. If you have any questions regarding this letter, please contact me at (720) 598-2843 or via email at richard.mruz@state.co.us.

Sincerely,

Richard Mruz, Jr., REHS
Hazardous Waste Corrective Action Unit
Hazardous Materials and Waste Management Division
Colorado Department of Public Health and Environment

EC: Gabi Hoefler and Bill Hayes, Boulder County Health
Gordon Holman, City of Boulder

Consultant Firm Certificate

This certifies that

QUEST Environmental

has satisfied the requirements for approval as a

Consultant Firm

to conduct work at

Methamphetamine-Affected Properties

Under 6 CCR 1014-3

Certification Number: ML-F43

Certification Expires: 6/15/2023

COLORADO
Hazardous Materials
& Waste Management Division
Department of Public Health & Environment

Approved

5/14/2021
Date

Consultant Certificate

This certifies that

Robert Woellner

has satisfied the requirements for approval as a

Consultant

for

Methamphetamine-Affected Properties

Under 6 CCR 1014-3

Certification Number: ML-I13

Certification Expires: 6/28/2023

COLORADO
Hazardous Materials
& Waste Management Division
Department of Public Health & Environment

Approved

5/12/2021
Date

Qualified Instructor Certificate

This certifies that

Robert Woellner

has satisfied the requirements for approval as a

Qualified Instructor

for

Methamphetamine-Affected Properties Consultant Training

Certification Number: ML-T20

Certification Expires: 6/28/2023

COLORADO
Hazardous Materials
& Waste Management Division
Department of Public Health & Environment

Approved

5/12/21
Date

Consultant Certificate

This certifies that

Anatole "Tony" Konowal

has satisfied the requirements for approval as a

Consultant

for

Methamphetamine-Affected Properties

Under 6 CCR 1014-3

Certification Number: ML-I15

Certification Expires: 6/15/2023

COLORADO
Hazardous Materials
& Waste Management Division
Department of Public Health & Environment

Approved

5/19/2021
Date