



Post Soot Cleaning Report

**From: Air Environmental LLC
P.O. Box 294
Santa Rosa, Ca 95402**

**To: West Coast Fire & Water
5846 Live Oak Drive, Ste 1
Kelseyville, Ca 95451**

Date: 9-16-26

Address: 675 Clover Valley Rd, Upper Lake, CA 95485

Date of testing: 9-15-26

Location(s) of testing: Clover Valley Continuation High School

Any visible dust or Soot at time of testing: No

Air Environmental was requested to perform a visual soot inspection and to take particulate samples in the area(s) stated above. (See attached report)

Clearance criteria for this post-cleaning evaluation included:

- **Visual inspection:** No visible soot/char residue observed in evaluated areas at the time of inspection.
- **White glove inspection:** No soot/char particulate transfer observed on surface wipe samples.
- **Black light inspection:** Particle detection using a black light is a highly effective method for finding contaminants that are not visible to the naked eye. UV radiation causes particles to fluoresce, making them visible on surfaces. No dust was found.
- **Particulate monitoring (Extech VPC300):** 30-second indoor readings fell within the instrument's **Green (Acceptable)** range for 2.5 µm, 5.0 µm, and 10.0 µm particle size channels.
- **Outdoor baseline comparison:** Exterior readings were collected for reference, and indoor conditions were generally comparable to or lower than outdoor baseline at the time of sampling.

Based on the inspection conducted at the above-referenced location on the date indicated, including the clearance criteria listed above, **Air Environmental determined that conditions within the evaluated areas were consistent with successful post-soot/ash cleaning at the time of inspection.** See the attached laboratory report(s) for analytical details.

The protocols outlined in the Indoor Environmental Standards Organization / Restoration Industry Association (IESO/RIA) Standard 6001 (2012), *Evaluation of Heating, Ventilation and Air Conditioning (HVAC) Interior Surfaces to Determine the Presence of Fire-Related Particulate as a Result of a Fire in a Structure* (ANSI approved), were referenced as guidance for the evaluation of fire-related particulate conditions.

There are currently no specific health-based indoor air quality clearance standards for fire-related particulate matter in indoor environments. Occupational exposure limits exist for workers, including Cal/OSHA permissible exposure limits (PEL) for particulates not otherwise regulated (PNOR) of 10,000 µg/m³ (total dust) and 5,000 µg/m³ (respirable dust). These limits are intended for occupational settings and are not considered clearance standards for schools or general occupancy.

Air Environmental performed a visual inspection of representative areas within each building and collected indoor particulate air measurements for evaluation. At least one exterior (outdoor) particulate measurement was collected immediately prior to or following the indoor monitoring to provide a baseline for comparison.

Air Environmental visually inspected each room cleaned, collected air quality measurements for particulates on campus. Indoor particulate monitoring was conducted using an Extech Particle Counter (Model VPC300). Each reading was collected over a 30-second sampling interval.

The instrument reports airborne particle concentrations by particle size channel (2.5 µm, 5.0 µm, and 10.0 µm) and provides a color-coded reference table ("Green," "Yellow," and "Red") for each particle size category. The Extech reference table classifications are as follows:

Channel	Green	Yellow	Red
2.5µm	0 to 545	546 to 1,362	1,363 to 2,724
5.0µm	0 to 193	194 to 483	484 to 966
10.0µm	0 to 68	69 to 170	171 to 340

Green - Good

Yellow - Caution

Red - Hazard

Air Environmental defines Green to be acceptable for indoor air quality in schools. The HEPA air scrubbers were not in operation during sampling to achieve these levels.

If you have any questions, please give us a call.

Joshua Leard, Nate Cowan, Pierce Tibbals & Ronin Crosier
Environmental Consultants
CDPH Inspector Assessor LRC-00004027
CA DOSH #21-6967

LIMITATIONS

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PO Box 294, Santa Rosa, Ca 95402 / 707-408-2080

Soot Clearance Inspection Particulate Results

Analyst: Nate Cowan **Client:** West Coast Fire & Water
Date of Report: 09/16/26 5846 Live Oak Drive, Ste 1
Date of Testing: 09/15/26 Kelseyville, CA 95451
Particle Counter: Extech VPC300
Location: 675 Clover Valley Rd, Upper Lake, CA 95485
Report ID 6868 - D

Clover Valley Continuation High School

Sample ID:	PM2.5µg	PM5.0µg	PM10.0µg
Outside Sample	699	59	16
Conference Room	82	25	15
Kitchen	45	8	8
Entry / Lounge	33	1	1
Classroom 1	28	1	1
Office	15	1	1
Classroom 2	16	1	1
Girls Bathroom	22	7	4
Boys Bathroom	34	7	7



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**To: West Coast Fire & Water
5846 Live Oak Drive, Ste 1
Kelseyville, Ca 95451**

Date: 9-16-26

Address: 750 Old Lucerne Rd, Upper Lake, CA 95485

Date of testing: 9-15-26

Location(s) of testing: District Administration & Transportation Building

Any visible dust or Soot at time of testing: No

Air Environmental was requested to perform a visual soot inspection and to take particulate samples in the area(s) stated above. (See attached report)

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CDPH Inspector Assessor LRC-00004027
CA DOSH #21-6967

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Soot Clearance Inspection Particulate Results

Analyst: Nate Cowan

Client: West Coast Fire & Water
5846 Live Oak Drive, Ste 1
Kelseyville, CA 95451

Date of Report: 09/16/26

Date of Testing: 09/15/26

Particle Counter: Extech VPC300

Location: 750 Old Lucerne Rd, Upper Lake, CA 95485

Report ID 6868 - E

Sample ID:	PM2.5µg	PM5.0µg	PM10.0µg
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District Administration Buildings

Outside Sample	154	17	6
Conference Room	12	1	1
Superintendent Office	19	4	4
Executive Assistant	46	2	1
Kitchen	63	18	7
Administrative Assistant 2	33	5	3

Note: The chief business official office & associate superintendent office we're locked.
They were not cleaned or tested.

Transportation Building

Outside Sample	183	21	9
Main Cubicle Room	122	24	13
District Office Assistant	143	46	22
Lounge Room	241	61	49
Break Room.	352	92	56
Conference Room	130	32	19



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Date: 9-16-26

Address: 750 Old Lucerne Rd, Upper Lake, CA 95485

Date of testing: 9-15-26

Location(s) of testing: Healthy Start Building

Any visible dust or Soot at time of testing: No

Air Environmental was requested to perform a visual soot inspection and to take particulate samples in the area(s) stated above. (See attached report)

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Soot Clearance Inspection Particulate Results

Analyst: Nate Cowan **Client:** West Coast Fire & Water
Date of Report: 09/16/26 5846 Live Oak Drive, Ste 1
Date of Testing: 09/15/26 Kelseyville, CA 95451
Particle Counter: Extech VPC300
Location: 750 Old Lucerne Rd, Upper Lake, CA 95485
Report ID 6868 - F

Sample ID:	PM2.5µg	PM5.0µg	PM10.0µg
HEALTHY START OUT BUILDING			
Outside Sample	213	34	24
Healthy Start Reception	33	5	3
Laundry Room	25	5	3



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Kelseyville, Ca 95451**

Date: 9-16-26

Address: 679 2nd St, Upper Lake, CA 95485

Date of testing: 9-15-26

Location(s) of testing: Upper Lake Elementary School

Any visible dust or Soot at time of testing: No

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Soot Clearance Inspection Particulate Results

Analyst: Nate Cowan

Client: West Coast Fire & Water
5846 Live Oak Drive, Ste 1
Kelseyville, CA 95451

Date of Report: 09/16/26

Date of Testing: 09/15/26

Particle Counter: Exttech VPC300

Location: 679 2nd St, Upper Lake, CA 95485

Report ID 6868 - A

Upper Lake Elementary School

Sample ID:	PM2.5µg	PM5.0µg	PM10.0µg
Outside Sample	313	26	8
Classroom 1	40	6	1
Classroom 2	141	2	2
Classroom 3	88	3	1
Classroom 4	20	2	2
Classroom 5	25	3	1
Classroom 6	29	6	4
Classroom 7	16	3	2
Classroom 8	21	3	1
Classroom 9	20	2	2
Classroom 10	8	4	4
Classroom 11	527	30	10
Classroom 12	6	1	1

Classroom 13	14	6	1
Classroom 14	16	2	1
Classroom 15	21	3	3
Classroom 16	27	4	2
Classroom 17	61	9	6
Classroom 18	133	13	2
Classroom 19	20	2	2
Classroom 20	257	21	6
Classroom 21	29	1	1
Classroom 22	106	3	3
Classroom 23	51	3	1
Classroom 24	12	1	1
Classroom 25	57	7	2
Classroom 26	50	2	2
Classroom 27	55	4	4
Teachers Work Room	81	10	6
Teachers Work Room 2	38	1	1
Hallway A	36	3	3
Hallway B	39	9	9
Mrs Witters Room Office	47	12	6
Principal's Office	25	1	1
Break Room	14	3	1
Reception	12	1	1
Nurses Office	14	6	1
Office 1	20	2	2
Student Center A	35	2	2
Student Center B	47	3	3
Restrooms	24	5	5
Teacher Lounge	13	5	3
Teacher Lounge Bathroom A	17	1	1
Teacher Lounge Bathroom B	51	6	6
Large Restroom	48	7	5
Small Restroom	50	5	3
Support Room	28	3	1
Exterior Restroom 1	92	13	9
Exterior Restroom 2	40	15	8
Intervention	21	1	1
Boys Bathroom 1	77	6	4
Girls Bathroom 1	80	3	3
Boys Bathroom 2	95	9	3
Girls Bathroom 2	70	10	4
Dr. Stephen Bratton	103	15	8

Breakroom	168	30	12
Pupil Personnel	38	1	1
Office	25	6	4
Cafeteria A	65	12	6
Cafeteria B	22	1	1
Cafeteria C	12	7	2
Kitchen	50	5	3
Game Room	51	6	1



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Analyst: Nate Cowan

Client: West Coast Fire & Water
5846 Live Oak Drive, Ste 1
Kelseyville, CA 95451

Date of Report: 09/16/26

Date of Testing: 09/15/26

Particle Counter: Extech VPC300

Location: 675 Clover Valley Rd, Upper Lake, CA 95485

Report ID 6868 - C

Upper Lake High School

Sample ID:	PM2.5 μ g	PM5.0 μ g	PM10.0 μ g
Outside Sample	291	29	17
Classroom 1	15	2	3
Classroom 2	15	2	3
Classroom 3	15	2	3
Classroom 4	40	4	1
Classroom 5	3	1	1
Classroom 6	43	7	7
Classroom 7	147	17	6
Classroom 8	144	7	4
Classroom 9	435	63	19
Classroom 10	108	7	7
Classroom 11	30	2	1

Classroom 12	49	8	6
Classroom 13	7	1	1
Classroom 14	1	1	1
Classroom 15	64	8	1
Classroom 16	21	8	1
Classroom 17	27	2	1
Classroom 18	40	1	1
Classroom 19 Shop	475	99	49
Classroom 20	15	7	4
Classroom 20 Drum Room	243	65	43
Classroom 20 Band Room	96	22	16
Health & Fitness Room A	93	11	1
Health & Fitness Room B	100	18	4
Weight Room A	84	7	7
Weight Room B	129	8	9
Gym A	39	11	3
Gym B	28	4	1
Gym C	15	1	1
Boys Locker Room Bathroom	189	26	16
Boys Locker Room A	193	18	16
Boys Locker Room B	163	32	19
Girls Locker Room Bathroom	139	17	6
Girls Locker Room	159	32	19
Gym Trophy Room	69	8	6
Trophy Room Men's Bathroom.	136	22	9
Trophy Room Women's Bathroom	164	52	19
Technology 1	58	5	3
Instructional Coach Office	49	5	6
Conference Room	84	2	3
Tech Shop	48	4	1
Administration Reception	90	14	7
Principal's Office	207	62	44
Secretary's Office	184	45	24
Meeting Room	81	12	1
Level Up Conference Room	226	44	27
Nurses Room	69	8	9
Guidance Tech/Secretary 1	114	17	3
Staff Lounge	48	7	4
Mail Box Hallway	85	4	4
Primary Conference Room	54	9	7

Corner Office Room	28	1	1
District Office	129	19	9
Stage	87	18	7
Cafeteria	58	2	3
Kitchen	57	4	1
Agricultural Science Classroom 1	54	1	1
Agricultural Science Classroom 2	64	8	1
Office 1	42	5	6
Autoshop	100	22	12
Library	45	8	1
Library Bathrooms	45	4	4
Library Office	72	4	4



Post Soot Cleaning Report

**From: Air Environmental LLC
P.O. Box 294
Santa Rosa, Ca 95402**

**To: West Coast Fire & Water
5846 Live Oak Drive, Ste 1
Kelseyville, Ca 95451**

Date: 9-16-26

Address: 725 Old Lucerne Rd, Upper Lake, CA 95485

Date of testing: 9-15-26

Location(s) of testing: Upper Lake Junior High School

Any visible dust or Soot at time of testing: No

Air Environmental was requested to perform a visual soot inspection and to take particulate samples in the area(s) stated above. (See attached report)

Clearance criteria for this post-cleaning evaluation included:

- **Visual inspection:** No visible soot/char residue observed in evaluated areas at the time of inspection.
- **White glove inspection:** No soot/char particulate transfer observed on surface wipe samples.
- **Black light inspection:** Particle detection using a black light is a highly effective method for finding contaminants that are not visible to the naked eye. UV radiation causes particles to fluoresce, making them visible on surfaces. No dust was found.
- **Particulate monitoring (Extech VPC300):** 30-second indoor readings fell within the instrument's **Green (Acceptable)** range for 2.5 µm, 5.0 µm, and 10.0 µm particle size channels.
- **Outdoor baseline comparison:** Exterior readings were collected for reference, and indoor conditions were generally comparable to or lower than outdoor baseline at the time of sampling.

Based on the inspection conducted at the above-referenced location on the date indicated, including the clearance criteria listed above, **Air Environmental determined that conditions within the evaluated areas were consistent with successful post-soot/ash cleaning at the time of inspection.** See the attached laboratory report(s) for analytical details.

The protocols outlined in the Indoor Environmental Standards Organization / Restoration Industry Association (IESO/RIA) Standard 6001 (2012), *Evaluation of Heating, Ventilation and Air Conditioning (HVAC) Interior Surfaces to Determine the Presence of Fire-Related Particulate as a Result of a Fire in a Structure* (ANSI approved), were referenced as guidance for the evaluation of fire-related particulate conditions.

There are currently no specific health-based indoor air quality clearance standards for fire-related particulate matter in indoor environments. Occupational exposure limits exist for workers, including Cal/OSHA permissible exposure limits (PEL) for particulates not otherwise regulated (PNOR) of 10,000 µg/m³ (total dust) and 5,000 µg/m³ (respirable dust). These limits are intended for occupational settings and are not considered clearance standards for schools or general occupancy.

Air Environmental performed a visual inspection of representative areas within each building and collected indoor particulate air measurements for evaluation. At least one exterior (outdoor) particulate measurement was collected immediately prior to or following the indoor monitoring to provide a baseline for comparison.

Air Environmental visually inspected each room cleaned, collected air quality measurements for particulates on campus. Indoor particulate monitoring was conducted using an Extech Particle Counter (Model VPC300). Each reading was collected over a 30-second sampling interval.

The instrument reports airborne particle concentrations by particle size channel (2.5 µm, 5.0 µm, and 10.0 µm) and provides a color-coded reference table ("Green," "Yellow," and "Red") for each particle size category. The Extech reference table classifications are as follows:

Channel	Green	Yellow	Red
2.5µm	0 to 545	546 to 1,362	1,363 to 2,724
5.0µm	0 to 193	194 to 483	484 to 966
10.0µm	0 to 68	69 to 170	171 to 340

Green - Good

Yellow - Caution

Red - Hazard

Air Environmental defines Green to be acceptable for indoor air quality in schools. The HEPA air scrubbers were not in operation during sampling to achieve these levels.

If you have any questions, please give us a call.

Joshua Leard, Nate Cowan, Pierce Tibbals & Ronin Crosier
Environmental Consultants
CDPH Inspector Assessor LRC-00004027
CA DOSH #21-6967

LIMITATIONS

The conclusions and results contained herein are based solely on the information presented in this report. The sampling, testing, and observations described in the report represent conditions only at the specified times and locations. Additional information or contamination that was hidden, undiscovered, inaccessible, or are not a part of the finding presented herein, would result in the modification of the conclusions made herein. The sampling methods, techniques, and scope of services were not comprehensive or to be considered all-inclusive.

Air Environmental is not responsible for the accuracy of information provided by others, or for conditions or consequences arising from relevant facts that were withheld, concealed, undiscovered or not fully disclosed. Air Environmental is not a law firm; and therefore, makes no representations regarding any potential liability of any person or entity for site conditions. Air Environmental is not qualified to present medical advice. If any present or future health issues are in question, it is recommended that the findings in this report be presented to a qualified medical professional for evaluation.



PO Box 294, Santa Rosa, Ca 95402 / 707-408-2080

Soot Clearance Inspection Particulate Results

Analyst: Nate Cowan

Client: West Coast Fire & Water
5846 Live Oak Drive, Ste 1
Kelseyville, CA 95451

Date of Report: 09/16/26

Date of Testing: 09/15/26

Particle Counter: Extech VPC300

Location: 750 Old Lucerne Rd, Upper Lake, CA 95485

Report ID 6868 - B

Upper Lake Junior High School

Sample ID:	PM2.5µg	PM5.0µg	PM10.0µg
Outside Sample	61	9	6
Student Center Front	8	1	1
Student Center IT Support	35	5	5
Student Center Work Room	31	6	6
Classroom 1	13	1	1
Classroom 2	28	1	1
Classroom 3	13	2	1
Classroom 4	28	1	1
Classroom 5	19	1	1
Classroom 6	42	2	2
Classroom 7	21	3	1
Classroom 8	48	4	2
Classroom 9	21	3	1

Gym - Stage	89	2	2
Gym A	102	9	1
Gym B	76	5	1
Gym C	59	1	1
Girls Locker Room	54	1	1
Boys Locker Room	40	1	1
Gym Snack Bar & Kitchen	81	6	6
Girls Restroom	95	9	6
Ms. Chelsea Office	21	1	1
The Office Hall	19	4	2
Office Restroom A	13	2	2
Office Restroom B	27	4	2
MS Conference Room	14	1	1
Office Reception	8	1	1
Office Break Room	38	7	5