



BRIDGE H-1162 E/W

HAZARDOUS MATERIALS SURVEY

BRIDGE INSPECTION AND SURVEY FOR PRESENCE OF
HAZARDOUS MATERIALS, APRIL 2023

NDOT Hazardous Materials Section, Environmental Division
1263 South Stewart Drive
Carson City, NV 89712

EXECUTIVE SUMMARY

The inspection (survey) for hazardous materials was conducted on both East and West bridges of H-1162 on April 12, 2023, by NDOT personnel from the Hazardous Materials section, of the Environmental Division. The bridge was evaluated for asbestos containing materials (ACM) and coating materials. Thirty suspect asbestos samples were collected with results and considerations summarized below:

- No ACMs were identified.
- No suspect coating materials were identified.

1.0 INTRODUCTION

NDOT conducted an asbestos survey on the following two bridge structures located in Washoe county:

- H-1162E (Stoker Ave overpass, Eastbound I-80)
- H-1162W (Stoker Ave overpass, Westbound I-80)
- H-1162W (Stoker Ave overpass expansion, Westbound I-80)

The survey was conducted on April 12, 2023, by NDOT personnel. Due to the similarities between the two bridges; including design, construction materials, date of construction, similar wear patterns and maintenance activities, bridges were surveyed collectively, and findings presented herein, shall apply to both bridges, despite their physical separation. West bound structure expansion was added in 2005-2006 and was included as part of this survey with the EX-sample identifier.

Suspect Asbestos Containing Material (ACM) were identified and appropriately sampled.

Bulk asbestos samples were analyzed by a National Voluntary Laboratory Accredited laboratory by polarized light microscopy (PLM). Metals analysis was conducted by a Nevada Certified Lab. The results of the laboratory analysis are attached as Appendix C and Appendix D, respectively.

2.0 BRIDGE DESCRIPTION

Bridges H-1162 E/W were both constructed in 1966 with subsequent rehabilitative work in 1995 and 2002 for each bridge. West bound structure expansion was added in 2005-2006 as part of McCarran Drive offramp lane modifications. Bridges in their entirety are constructed of concrete to include piers, pier caps, backwall/stem wall, wing walls, parapet.

3.0 FIELD ACTIVITIES

The survey was conducted by NDOT personnel, appropriately licensed Asbestos and Hazardous Emergency Response Act (AHERA) accredited asbestos inspectors. The survey was conducted in general accordance with the sample collection protocols established in EPA regulation 40 CFR 763. A summary of the survey activities performed is discussed below. Copies of AHERA certifications and licenses for NDOT personnel conducting the survey are provided as Appendix E.

3.1 Visual and Physical Assessment

Survey activities began with a visual observation of the structures to identify homogeneous areas of suspect ACM and presence of coating materials. A physical assessment of each homogeneous area of suspect ACM was conducted to assess the friability and condition of the materials.

The homogeneous areas identified during the visual survey, the presence of coating materials, and sample identifiers are summarized in Table 1.

Table 1 - Bridge Component Descriptions

Homogeneous Area	Description	Sample IDs
A	Abutment	Abut-1, Abut-2, Abut-3
B	Stem Wall	STW-1, STW-2, STW-3
C	Concrete Piers	Pier-1, Pier-2, Pier-3
D	Concrete Parapet	Para-1, Para-2, Para-3
E	Sub Structure	SS-1, SS-2, SS-3
F	Wing Wall Expansion	WW EX-1, WW EX-2, WW EX-3
G	Sub Structure Expansion	SS EX-1, SS EX-2, SS EX-3
H	Concrete Parapet Expansion	Para EX-1, Para EX-2, Para EX-3
I	Concrete Piers Expansion	Pier EX-1, Pier EX-2, Pier EX-3
J	Stem Wall Expansion	STW EX-1, STW EX-2, STW EX-3

notes: (1) none.

3.2 Sample Collection

Based on results of the visual observation, bulk samples of suspect ACM and coating materials were collected in general accordance with AHERA sampling protocols. Representative samples of suspect materials were collected in each homogeneous area. Samples were placed in new sealable containers and labeled with unique sample numbers.

3.3 Sample Analysis

Bulk samples of ACM were submitted under chain of custody to Asbestos TEM Laboratories for analysis by PLM. The percentage of asbestos, where applicable, was determined by microscopic visual estimation.

A discussion of suspect ACM samples collected during the survey and findings are included in Section 6.0.

4.0 PLAN REVIEW

Original design plans were not available for review.

5.0 REGULATORY OVERVIEW

5.1 Asbestos Regulations

NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. It also requires the identification and classification of existing building materials prior to demolition or renovation activity. Under NESHAP, asbestos-containing building materials are classified as either friable, Category I non-friable, or Category II non-friable ACM. Category I non-friable ACM includes packings, gaskets, resilient floor coverings and asphalt roofing products containing more than 1% asbestos. Category II non-friable ACM are any materials other than Category I materials that contain more than 1% asbestos.

Friable ACM, Category I and Category II non-friable ACM which are in poor condition and have become friable or which will be subjected to drilling, sanding, grinding, cutting or abrading and which could be crushed or pulverized during anticipated renovation or demolition activities are considered Regulated ACM (RACM).

6.0 FINDINGS AND RECOMMENDATIONS

6.1 Suspect Asbestos Containing Materials

A total of 30 bulk samples were collected from ten homogeneous areas of suspect ACM. No Asbestos Containing Materials were identified.

A bridge Location Map is included in Appendix A. A photographic log showing homogenous areas is presented in Appendix B. Asbestos analytical results are included in Appendix C. A summary of the suspect ACMs identified is provided in Table 2.

Table 2 – Summary of Suspected ACM

Homogeneous Sampling Area	Sample Number	Material Description/Sample Location	Asbestos Results ⁽¹⁾ , %	NESHAP Category ⁽²⁾	Friability ⁽³⁾
A	Abut-1	Abutment	Not detected	N/A	Non-friable
	Abut-2				
	Abut-3				
B	STW-1	Stem Wall	Not detected	N/A	Non-friable
	STW-2				
	STW-3				
C	Pier-1	Concrete Piers	Not detected	N/A	Non-friable
	Pier-2				
	Pier-3				
D	Para-1	Concrete Parapet	Not detected	N/A	Non-friable
	Para-2				
	Para-3				
E	SS-1	Sub Structure	Not detected	N/A	Non-friable
	SS-2				
	SS-3				
F	WW EX-1	Wing Wall Expansion	Not detected	N/A	Non-friable
	WW EX-2				
	WW EX-3				
G	SS EX-1	Sub Structure Expansion	Not detected	N/A	Non-friable
	SS EX-2				
	SS-EX -3				
H	Para EX-1	Concrete Parapet Expansion	Not detected	N/A	Non-friable
	Para EX-2				
	Para EX-3				
I	Pier EX-1	Concrete Piers Expansion	Not detected	N/A	Non-friable
	Pier EX-2				
	Pier EX-3				
J	STW EX-1	Stem Wall Expansion	Not detected	N/A	Non-friable
	STW EX-2				
	STW EX-3				

notes: (1) PLM unless otherwise noted.

(2) NESHAP category I, category II, RACM, or (N/A) not applicable.

(3) Friable materials are those that, when dry, may be crumbled, pulverized or reduced to powder by hand pressure.

Additional suspect materials, other than those identified during the survey, could exist within the structures in areas not accessible to the inspector at the time of the survey. Should suspect materials other than those identified during this survey be uncovered during the renovation/demolition process, those materials should be assumed to be ACM until sampling and analysis can confirm or refute this assumption.

6.3 Recommendations

Because no ACMs or apparent coating materials were identified, there are no recommendations at this time.

Appendix A Bridge Location Map



H-1162 E/W at Stoker Ave and I-80, Reno, Washoe County, NV.

Appendix B
Bridge Photo Log

PHOTOGRAPHIC DOCUMENTATION
Bridge H-1162 E/W
Stoker Ave, I 80
Washoe County

PHOTO 1

DATE:
04/12/2023

DIRECTION:
North

TAKEN BY:
Casey Lent

DESCRIPTION:
Bridges H-1162
E/W



PHOTO 2

DATE:
04/12/2023

DIRECTION:
West

TAKEN BY:
Casey Lent

DESCRIPTION:
Bridge H-1162 E
substructure



PHOTOGRAPHIC DOCUMENTATION
Bridge H-1162 E/W
Stoker Ave, I 80
Washoe County

PHOTO 3

DATE:
04/12/2023

DIRECTION:
West

TAKEN BY:
Casey Lent

DESCRIPTION:
Bridge H-1162 W
substructure



PHOTO 4

DATE:
04/12/2023

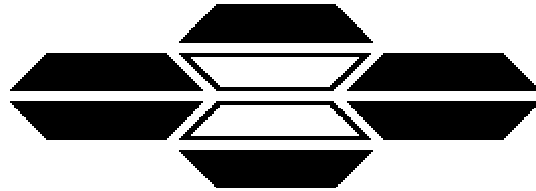
DIRECTION:
South

TAKEN BY:
Casey Lent

DESCRIPTION:
Bridges H-1162
E/W substructure



Appendix C
Asbestos Sample(s)
Analytical Results



ASBESTOS TEM LABORATORIES, INC.

**EPA Interim Method
Polarized Light Microscopy
Analytical Report**

Laboratory Job # 151083

3431 Ettie St.
Oakland, CA 94608
(510) 704-8930

FAX (510) 704-8429
www.asbestostemplabs.com

With Branch Offices Located At:

1320 FREEPORT BLVD. UNIT 104, SPARKS, NV 89431
Ph. (775) 359-3377



ASBESTOS TEM LABORATORIES, INC

CA ELAP
Lab No. 1866



Apr-14-23

Rob Piekarz
Nevada Department of Transportation
1263 South Stewart Street
Carson City, NV 89712

RE: LABORATORY JOB # 151083

Polarized light microscopy analytical results for 30 bulk sample(s).

Job Site: H - 1162 E/W

Job No.:

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with EPA Method 600/R-93/116 or 600/M4-82-020 for the determination of asbestos in bulk building materials by polarized light microscopy (PLM). Please note that while PLM analysis is commonly performed on non-friable and fine grained materials such as floor tiles and dust, the EPA method recognizes that PLM is subject to limitations. In these situations, accurate results may only be obtainable through the use of more sophisticated and accurate techniques such as transmission electron microscopy (TEM) or X-ray diffraction (XRD).

Prior to analysis, samples are logged-in and all data pertinent to the sample recorded. The samples are checked for damage or disruption of any chain-of-custody seals. A unique laboratory ID number is assigned to each sample. A hard copy log-in sheet containing all pertinent information concerning the sample is generated. This and all other relevant paper work are kept with the sample throughout the analytical procedures to assure proper analysis.

Each sample is opened in a class 100 HEPA negative air hood. A representative sampling of the material is selected and placed onto a glass microscope slide containing a drop of refractive index oil. The glass slide is placed under a polarizing light microscope where standard mineralogical techniques are used to analyze and quantify the various materials present, including asbestos. The data is then compiled into a standard report format and reviewed by the authorized signatory before being released to the client.

Sincerely Yours,

Lab Manager
ASBESTOS TEM LABORATORIES, INC.

Disclaimer - These results relate only to the samples tested as received and must not be reproduced, except in full, with the approval of the laboratory. Incorrect or illegible information supplied by the customer may adversely affect the validity of test results. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Note: Test samples will be stored for three months after data of receipt, after which they will be properly disposed unless client makes other arrangements with the laboratory.

POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Page: 1 of

Contact: Rob Piekarz	Samples Indicated: 30	Report No. 151083
Address: Nevada Department of 1263 South Stewart Street Carson City, NV 89712	Reg. Samples Analyzed: 30	Date Submitted: Apr-12-23
	Split Layers Analyzed: 0	Date Reported: Apr-14-23
Job Site / No. H - 1162 E/W		

SAMPLE ID	% ASBESTOS TYPE	OTHER DATA	DESCRIPTION
		1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	FIELD LAB
1. Lab ID # 9092-00086-001	None Detected	1) None Detected 2) 99-100% Qtz, Calc, Opq	Abut #1; H-1162 Stoker Avenue, Reno
		3) _____ 4) Apr-14-23	Concrete-Pink/Grey
2. Lab ID # 9092-00086-002	None Detected	1) None Detected 2) 99-100% Qtz, Calc, Opq	Abut #2; H-1162 Stoker Avenue, Reno
		3) _____ 4) Apr-14-23	Concrete-Pink/Grey
3. Lab ID # 9092-00086-003	None Detected	1) None Detected 2) 99-100% Qtz, Calc, Opq	Abut #3; H-1162 Stoker Avenue, Reno
		3) _____ 4) Apr-14-23	Concrete-Pink/Grey
4. Lab ID # 9092-00086-004	None Detected	1) None Detected 2) 99-100% Qtz, Opq, Calc	STW #1; H-1162 Stoker Avenue, Reno
		3) _____ 4) Apr-14-23	Concrete-Grey/White
5. Lab ID # 9092-00086-005	None Detected	1) None Detected 2) 99-100% Qtz, Opq, Calc	STW #2; H-1162 Stoker Avenue, Reno
		3) _____ 4) Apr-14-23	Concrete-Grey/White
6. Lab ID # 9092-00086-006	None Detected	1) None Detected 2) 99-100% Qtz, Opq, Calc	STW #3; H-1162 Stoker Avenue, Reno
		3) _____ 4) Apr-14-23	Concrete-Grey/White
7. Lab ID # 9092-00086-007	None Detected	1) None Detected 2) 99-100% Qtz, Opq, Calc	SS #1; H-1162 Stoker Avenue, Reno
		3) _____ 4) Apr-14-23	Concrete-Grey/White
8. Lab ID # 9092-00086-008	None Detected	1) None Detected 2) 99-100% Qtz, Opq, Calc	SS #2; H-1162 Stoker Avenue, Reno
		3) _____ 4) Apr-14-23	Concrete-Grey/White
9. Lab ID # 9092-00086-009	None Detected	1) None Detected 2) 99-100% Qtz, Opq, Calc	SS #3; H-1162 Stoker Avenue, Reno
		3) _____ 4) Apr-14-23	Concrete-Grey/White
10. Lab ID # 9092-00086-010	None Detected	1) None Detected 2) 99-100% Qtz, Opq, Calc	Para #1; H-1162 Stoker Avenue, Reno
		3) _____ 4) Apr-14-23	Concrete-Grey/White

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Analyst

POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Page: 2 of

Contact: Rob Piekarz	Samples Indicated: 30	Report No. 151083
Address: Nevada Department of 1263 South Stewart Street Carson City, NV 89712	Reg. Samples Analyzed: 30	Date Submitted: Apr-12-23
	Split Layers Analyzed: 0	Date Reported: Apr-14-23
Job Site / No. H - 1162 E/W		

SAMPLE ID	% ASBESTOS TYPE	OTHER DATA	DESCRIPTION
		1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	FIELD LAB
11. Lab ID # 9092-00086-011	None Detected	1) None Detected	Para #2; H-1162 Stoker Avenue, Reno
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
12. Lab ID # 9092-00086-012	None Detected	1) None Detected	Para #3; H-1162 Stoker Avenue, Reno
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
13. Lab ID # 9092-00086-013	None Detected	1) None Detected	Pler #1; H-1162 Stoker Avenue, Reno
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
14. Lab ID # 9092-00086-014	None Detected	1) None Detected	Pler #2; H-1162 Stoker Avenue, Reno
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
15. Lab ID # 9092-00086-015	None Detected	1) None Detected	Pler #3; H-1162 Stoker Avenue, Reno
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
16. Lab ID # 9092-00086-016	None Detected	1) None Detected	SS Ex #2; H-1162W Extension Reno, Stoker Avenue
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
17. Lab ID # 9092-00086-017	None Detected	1) None Detected	SS Ex #2; H-1162W Extension Reno, Stoker Avenue
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
18. Lab ID # 9092-00086-018	None Detected	1) None Detected	SS Ex #3; H-1162W Extension Reno, Stoker Avenue
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
19. Lab ID # 9092-00086-019	None Detected	1) None Detected	Para Ex #1; H-1162W Extension Reno, Stoker Avenue
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
20. Lab ID # 9092-00086-020	None Detected	1) None Detected	Para Ex #2; H-1162W Extension Reno, Stoker Avenue
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Analyst

POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Page: **3** of

Contact: Rob Piekarz	Samples Indicated: 30	Report No. 151083
Address: Nevada Department of 1263 South Stewart Street Carson City, NV 89712	Reg. Samples Analyzed: 30	Date Submitted: Apr-12-23
	Split Layers Analyzed: 0	Date Reported: Apr-14-23
Job Site / No. H - 1162 E/W		

SAMPLE ID	% ASBESTOS TYPE	OTHER DATA	DESCRIPTION
		1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	FIELD LAB
21. Lab ID # 9092-00086-021	None Detected	1) None Detected	Para Ex #3 - CFL; H-1162W Extention Reno, Stoker Avenue
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
22. Lab ID # 9092-00086-022	None Detected	1) None Detected	CFL - Plier #1 Ex; H-1162W Extention Reno, Stoker Avenue
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
23. Lab ID # 9092-00086-023	None Detected	1) None Detected	Pler Ex #2; H-1162W Extention Reno, Stoker Avenue
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
24. Lab ID # 9092-00086-024	None Detected	1) None Detected	Pler Ex #3; H-1162W Extention Reno, Stoker Avenue
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
25. Lab ID # 9092-00086-025	None Detected	1) None Detected	WW Ex #1; H-1162W Extention Reno, Stoker Avenue
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
26. Lab ID # 9092-00086-026	None Detected	1) None Detected	WW Ex #2; H-1162W Extention Reno, Stoker Avenue
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
27. Lab ID # 9092-00086-027	None Detected	1) None Detected	WW Ex #3; H-1162W Extention Reno, Stoker Avenue
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
28. Lab ID # 9092-00086-028	None Detected	1) None Detected	STW Ex #1; H-1162W Extention Reno, Stoker Avenue
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
29. Lab ID # 9092-00086-029	None Detected	1) None Detected	STW Ex #2; H-1162W Extention Reno, Stoker Avenue
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White
30. Lab ID # 9092-00086-030	None Detected	1) None Detected	STW Ex #3; H-1162W Extention Reno, Stoker Avenue
		2) 99-100% Qtz, Opq, Calc	
		3) _____ 4) Apr-14-23	Concrete-Grey/White

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Analyst



ASBESTOS TEM LABORATORIES, INC

151003
Sheet 1

1350 Freeport Blvd., Unit #104 * Sparks, NV 89431 * Ph: (775) 359-3377 * Fax: (775) 359-2798
Home office at: 3431 Ettie Street * Oakland, CA 94608 * Ph: (510) 704-8930 * Fax: (510) 704-8429

*** BULK SAMPLE SUBMISSION FORM / CHAIN-OF-CUSTODY ***

Company: NDOT 2 hr 4 hr 8 hr 24 hr 2 Day 3 Day

Address: 1263 S. STEWART Job Site: H-1162 E/W Reno

City-State-Zip: CCTY NV 89712 Job No: _____ P.O. #: _____

Contact Person: Rob Piekarz Phone: 888-7692 Fax: _____

Email: RPICKARZ@DOT.NV.GOV

Sample Number	Sample Description	Sample Location
1	Abut #1	H-1162 Stoker Ave Reno
2	Abut #2	
3	Abut #3	
4	Abut STW #1	
5	STW #2	
6	STW #3	
7	SS #1	
8	SS #2	
9	SS #3	
10	Para #1	
11	Para #2	
12	Para #3	
13	Pier #1	
14	Pier #2	
15	Pier #3	
16	SS ex #1	H-1162 W Extention Reno, Stoker Ave
17	SS ex #2	↓ Cont Sheet 2
18	SS ex #3	
19	Para ex #1	
20	Para ex #2	

Special instructions: _____

Relinquished by		Date / Time	Received by		Date / Time
Name/Company <u>Casey Lent NDOT</u>		<u>04/12/23</u> <u>1250</u>	Name/Company <u>Laura R Ellis C/O Greg Hanes-ATEM</u>		<u>4/12/23</u> <u>12:50 pm</u>
Signature <u>[Signature]</u>			Signature <u>[Signature]</u>		
Name/Company _____		_____	Name/Company <u>[Signature]</u>		_____
Signature _____			Signature _____		

Appendix E
Inspector Certifications
and
Licenses

mm

STATE OF NEVADA
DEPARTMENT OF BUSINESS AND INDUSTRY
DIVISION OF INDUSTRIAL RELATIONS
Occupational Safety and Health Administration
Asbestos Control Program

Certifies That Robert Piekarz
State of Nevada-DOT
is Licensed As Asbestos Abatement Consultant

License No. IJ-1049

Expiration Date 11/09/2023

Signature Of Licensee _____

M & C Environmental Training

Asbestos Management Planner Refresher Training Course

Robert Piekarz

Has successfully completed the Asbestos Management Planner Refresher course approved by the California Division of Occupational Safety and Health for purposes of certification required by Title 8, Article 2.7, Chapter 3.2, Section 341.16 and the accreditation required under the Toxic Substances Control Act, Title II. Conducted by M&C Environmental Training Inc., P.O. Box 6419, Concord, California Tel. # (510) 499 - 5646

Course Approval Number: CA-003-08

Location: Reno, Nevada

Expiration: November 9, 2023

Dates: November 9, 2022

Director of Training: John McGinnis



Certificate Number 51677 PR

M & C Environmental Training

Asbestos Inspector
Refresher Training Course

Robert Piekarz

Has successfully completed the Asbestos Inspector Refresher course approved by the California Division of Occupational Safety and Health for purposes of certification required by Title 8, Article 2.7, Chapter 3.2, Section 341.16 and the accreditation required under the Toxic Substances Control Act, Title II. Conducted by M&C Environmental Training Inc., P.O. Box 6419, Concord, California Tel. # (510) 499 - 5646

Course Approval Number: CA-003-06

Location: Reno, Nevada

Dates: November 9, 2022

Director of Training: John McGinnis



Expiration: November 9, 2023

Certificate Number 51663 IR

MM

STATE OF NEVADA
DEPARTMENT OF BUSINESS AND INDUSTRY
DIVISION OF INDUSTRIAL RELATIONS
Occupational Safety and Health Administration
Asbestos Control Program

Certifies That Casey Lent
State of Nevada-DOT
is Licensed As Asbestos Abatement Consultant

License No. I-2370
Trainee

Expiration Date 09/14/2023

Signature Of Licensee _____

Casey Lent

M & C Environmental Training

Asbestos Management Planner Initial Training Course

Casey Lent

Has successfully completed the Asbestos Management Planner Initial course approved by the California Division of Occupational Safety and Health for purposes of certification required by Title 8, Article 2.7, Chapter 3.2, Section 341.16 and the accreditation required under the Toxic Substances Control Act, Title II. Conducted by M&C Environmental Training Inc., P.O. Box 6419, Concord, California. Tel. # (510) 499-5646

Course Approval Number: CA-003-07

Location: Concord, California

Examination: Sept. 16, 2022

Dates: Sept. 15-16, 2022

Expiration: Sept. 16, 2023

Director of Training: John McGinnis



Certificate Number 51343 P

M & C Environmental Training

Asbestos Inspector
Initial Training Course

Casey Lent

Has successfully completed the Asbestos Inspector Initial course approved by the California Division of Occupational Safety and Health for purposes of certification required by Title 8, Article 2.7, Chapter 3.2, Section 341.16 and the accreditation required under the Toxic Substances Control Act, Title II. Conducted by M&C Environmental Training Inc., P.O. Box 6419, Concord, California. Tel. # (510) 525 - 1388

Course Approval Number: CA-003-05

Location: Concord, California

Examination: September 14, 2022

Dates: September 12 - 14, 2022

Expiration: September 14, 2023

Director of Training: John McGinnis



Certificate Number 51333 I