Close Out Documents

AP-34 – 4639 Claude Ct.

Asbestos Abatement and Structural Demolition

Prepared for:

Kiewit Infrastructure Co.
Attn: Jenn Bradtmueller
160 Inverness Drive West. Suite 110
Englewood CO 80112

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1. Closeout Letter

December 26, 2018

Kiewit Infrastructure Co.
160 Inverness Drive West, Suite 110
Englewood, CO 80112

Re: SSCR AP-34 – 4639 Claude Ct. Denver, CO 80216

Dear Kiewit Infrastructure Co.

This letter is confirm that all the work associated with the asbestos abatement and demolition of the structure located at 4639 Claude Court, Denver, CO 80216, also referred as parcel AP-34, is complete.

The scope of work included asbestos abatement, the demolition of a 1,097 square foot structure, and the removal of the curb and driveway.

This document has been prepared to furnish you with key documents associated with this project for your records.

On behalf of the JKS Industries team, we would like to extend our appreciation to working with you on this project and look forward to working with you in the future.

Regards,

Jeffrey Knight,
President

2. CDPHE Asbestos Abatement Permit

Colorado Department of Public Health and Environment
Air Pollution Control Division – Indoor Environment Program – Asbestos/IAQ Unit
4300 Cherry Creek Drive South, APCD-IE-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

ASBESTOS ABATEMENT PERMIT

This permit is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 21, 2007, and effective January 30, 2008, the Colorado Air Pollution Prevention and Control Act (25-7-101 or 25-7-501 et seq., C.R.S.) and the following provisions. It is only for the purpose of allowing asbestos abatement.

ADDITIONAL PERMIT PROVISIONS:

By performing work under this permit the abatement contractor agrees that the Division may revoke or suspend this permit should the Division find that the contractor:

- has violated or has aided and abetted in the violation of 25-7-101 or 25-7-501 et seq., C.R.S. or Regulation No. 8, Part B, or an order of the Division or Commission,
- has failed to meet any permit and notification requirement or failed to correct any violations cited by the Division during any inspection within a reasonable period of time, as may be determined by the Division,
- has used misrepresentation or fraud in obtaining this permit, or,
- has committed any act or omission which does not meet generally accepted standards of the practice of asbestos abatement.

As a contractor, you may be subject to other licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

THE ORIGINAL PERMIT MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This asbestos abatement permit is valid beginning 8/2/2018 through 11:59 PM on 8/31/2018.
The actual scheduled work dates are from 8/1/2018 through 8/20/2018.

Approval issued on: 7/20/2018
Record number: 139852

Notice Number: 18DE4758A

Variance: None
Comments: None

Fee paid: $400.00
Check number: 5119

Project Supervisor:
Miguel G. Leon
Cerification No.: 8612

Project AMS:
Logan Greenfield
Cerification No.: 20715

Project Manager:

For the location specified below:

Ap-34 Residential
Main Floor Bedrooms, Living, & Kitchen
4639 Claude Ct
Denver
Denver County

This permit has been issued to:

JKS Industries, LLC
747 Sheridan Blvd Unit 9A
Lakewood, CO 80214

Issued by: TS

Trevor Strosnider

ASBESTOS ABATEMENT NOTIFICATION and PERMIT APPLICATION FORM

FEE MUST ACCOMPANY THIS FORM. INCOMPLETE APPLICATIONS WILL BE RETURNED.

Colorado Department of Public Health and Environment

Single Family Residential Dwelling (SFRD) > 50 LF or 32 SF or a 55-gal. drum, but ≤ 260 LF or 160 SF or a 55-gallon drum		
[code 200] ☐	$0	Courtesy Notice
[code 205] ☐	$60	Non-Public Access Notice (Opt Out)
[code 210] ☐	$60	Notice
[code 230] ☐	$180	30-Day Permit
[code 290] ☐	$300	90-Day Permit
[code 265] ☐	$420	365-Day Permit
[code 180/280] ☐	$55	Notice or Permit Transfer

Public and Commercial Building, School, and Single-Family Residential Dwelling: > 260 LF or 160 SF or a 55-gallon drum		
[code 100] ☐	$0	Courtesy Notice
[code 105] ☐	$80	Non-Public Access Notice
[code 110] ☐	$80	Notice
[code 130/232] ☒	$400	30-Day P&C/SFRD Permit
[code 190/292] ☐	$800	90-Day P&C/SFRD Permit
[code 165/267] ☐	$1200	365-Day P&C/SFRD Permit
[code 177] ☐	$80	Phase _____ of Multiple Phase Permit #

Submit form to:
Permit Coordinator
Colorado Dept. of Public Health and Environment
APCD-IE-B1
4300 Cherry Creek Drive South
Denver, CO 80246-1530
Phone: 303-692-3100
Fax: 303-782-0278
asbestos@state.co.us

Abatement Contractor

Company Name: JKS Industries
Street Address: 747 Sheridan Blvd. Unit 9A
City: Lakewood | State: CO | Zip code: 80214
Telephone #: (303) 238-0207 | Fax #: (303) 238-0452
Project Supervisor: Miguel Leon | CO. Cert #: 8612

Abatement Site

Building Name: AP-34 Residential
Specify location in the building where work will take place (e.g. floor, room, wing, etc.): Main floor bedrooms, living room and kitchen
Street Address: 4639 Claude Court
City: Denver | County: Denver | Zip code: 80216
Building Contact: Doug Messier | Cell Phone #: (817) 320-6749

Building Owner

Owner Name: CDOT
Contact: Anthony DeVtio
Street Address: 2000 S. Holly St.
City: Denver | State: CO | Zip code: 80222
Telephone #: (303) 512-5900 | Fax #: ( )

Project Personnel

CO Project Mgr. Name:
Cell Phone #: ( ) | CO Project Designer #:
CO Project Designer Name:
Cell Phone #: ( ) | CO Project Designer #:
Consulting Firm Name: All Phase Consulting, Inc. | Registration #: 15979
A.M.S. Name: Logan Greenfield
Cell Phone #: (719) 545-0375 | CO A.M.S. Cert #: 20715

Project Information

Start Date: 8/1/2018 | End Date: 8/20/2018
Start Time: 6:30am AM PM | End Time: AM 5:00 PM
Check the day(s) of operation: Su ☐ M ☒ Tu ☒ W ☒ Th ☒ F ☒ Sa ☒
Emergency? Y☐ N☒ | Type of ACM: TSI, Texture, VAT, etc.: Plaster and Transite Exterior Siding

Linear Feet / Type	Square Feet / Type	55 gal. Drums
	2528 total 1528 SF of Plaster 1000 SF of Transite Exterior Siding	

Disposal Site

Landfill Name: Denver Arapahoe Disposall
Street Address: 3500 South Gun Club Road
City: Aurora | State: CO | Zip code: 80018

CDPHE Use Only

Postmark or Delivery date: 7/16/18 | Approved by:
Form of Payment & #: cl 5110 $400 | PM req'd? Y N W
Permit #: 18XE4758 | Record #: 13982 | Date Issued:

Please describe below the work practices and procedures to be employed in conducting the abatement of asbestos. **BE SPECIFIC**. Indicate type(s) of ACBM to be abated (e.g. VAT, ceiling tile, TSI, etc.). Use another page if necessary.

This project will consist in removal and disposal of 1528 SF of Plaster with in a full containmnet. ThePlaster will be removed using small hand tools (carpenters hammer, cats claw, crow bar and chisels) the material will be kept wet (1500 psi airless sprayer with amended water) The full containment will employ negative air pressure greater than --0.02cw, a fully functional decon, 1'x1' view port and two chamber waste loadout. All work will be in accordance with Colorado Regulation #8 Part B. The full conatinment will be inspected and cleared by a State Certified AMS. The 1000 Sf of Exterior transite siding will be removed using wett methods (1500 psi airless sprayer and amended water) and small hand tools (cats claw, carpenters hammer and flat bar). A drop 6mill poly will be taped to the residential with glue and 3" red tape. The exterior transite siding will be wetted, and slow pull nails from first row of siding. Once first row is removed. We will go underneath the transite panles and push out the nails with the flat bar. We will immediately bag up material and keep wet. The material is considered non-friable and will remain non-friable through out removal and disposal procdure. ✓

APPROVED
DATE 7/16/18

3. CDPHE Demolition Permit

Colorado Department of Public Health and Environment
Air Pollution Control Division – Indoor Environment Program – Asbestos/IAQ Air Unit
4300 Cherry Creek Drive South, APCD-IE-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

DEMOLITION APPROVAL NOTICE

This approval notice is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 21, 2007, and effective January 30, 2008 and the Colorado Air Pollution Prevention and Control Act C.R.S. (25-7-101 and 25-7-501 et seq). This notice signifies that the structure was inspected for asbestos, luminous exit signs (containing radioactive material), and Ozone-Depleting Refrigerants and the demolition contractor has properly notified the Colorado Department of Public Health and Environment pursuant to Regulation No. 8, Part B.

As a contractor, you may be subject to other demolition licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division, strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

Please note that certain asbestos-containing materials (ACM) may remain in the structure during demolition. Therefore, any demolition debris left behind after the completion of post-demolition site cleanup may constitute a "reason to know of asbestos-contaminated soil" at the site, subject to the requirements of Section 5.5 of the Solid Waste Regulations (6 CCR 1007-2, Part 1).

THE ORIGINAL APPROVAL NOTICE MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This demolition approval notice is valid beginning 8/23/2018.
The actual scheduled work dates are from 8/23/2018 through 8/29/2018.

Approval issued on: 8/27/2018
Record number: 140773
Notice Number: 18DE5699D

Fee Paid: $60.00
Check number: 5295

For the location specified below:

AP-34 Residential

4639 Claude Ct
Denver
Denver County

Asbestos Building Inspector:
Logan Greenfield
Cerification No.: 20715

Inspection Date: 08/09/2018

This notice has been issued to:

JKS Industries, Inc.
747 Sheridan Blvd. Unit 9A
Lakewood, CO 80214

Issued by: SM

Colorado Department of Public Health and Environment

DEMOLITION NOTIFICATION APPLICATION FORM

APPLICATION FEE MUST ACCOMPANY THIS FORM
INCOMPLETE APPLICATIONS WILL BE RETURNED
(Notice will be mailed to the demolition contractor unless specified otherwise)

Fee: $50 + $5 per 1000 ft² of area to be demolished = $ 60.00
(See instruction #1 on reverse side)

Submit form to:
Permit Coordinator
Colorado Dept. of Public Health and Environment
APCD-IE-B1
4300 Cherry Creek Drive South
Denver, CO 80246-1530
Phone: 303-692-3100
Fax: 303-782-0278
Asbestos@state.co.us

Demolition Contractor

Company Name: JKS Industries
Street: 747 Sheridan Blvd. #9A
City: Lakewood | State: CO | Zip Code: 80214
Telephone #: (303) 238-0207 | Fax #: (303) 238-0452
Project Manager: Jeffrey Knight | Cell Phone #: (720) 402-4410

I certify that the Certified Asbestos Building Inspector has informed me about any remaining asbestos-containing materials in the facility to be demolished.

Signature: [signature] | Print Name: Jeffrey Knight

Landfill Receiving Building Debris: Denver Arapahoe Disposal Site ✓

Demolition Site

Building Name: AP-34 Residential
Square footage of footprint of facility or portion of facility to be demolished: 1097
Street: 4639 Claude Ct
City: Denver | County: Denver | Zip Code: 80216
Proposed Start Date: 8/23/2018 | Proposed Completion Date: 8/29/2018

Method/Means of Demolition:

☒ Wrecking ☐ Burning† ☐ Implosion ☐ Moving ☐ Other, specify:

†Burning requires additional authorization – Please call (303) 692-3100 and ask to speak to the Open Burning Permit Coordinator

Asbestos Removal Contractor

General Abatement Contractor (GAC): JKS Industries
CDPHE Asbestos Permit #: 18DE4758A | Total Quantity of Asbestos Removed: 2528 SF
Date Removal Completed: 8/9/2018 ✓ | Telephone #: (303) 238-0207
Type(s) of Asbestos-Containing Material Removed: 1528 SF Plaster, 1000 SF Transite exterior siding

Building Owner

Owner's Name: CDOT
Street: 2000 S Holly St.
City: Denver | State: CO | Zip Code: 80222
Contact's Name: Anthony DaVito | Telephone #: (303) 512-5900

Certified Asbestos Inspector Certification

With my signature below, I certify that I possess current AHERA accreditation and state of Colorado certification as an Asbestos Building Inspector. I also certify that I have thoroughly inspected the facility to be demolished, as listed in the Demolition Site block above, sampled all suspect materials, had all samples analyzed for the presence of asbestos by a NVLAP-accredited laboratory, and have determined that no Regulated ACM exists anywhere in the facility.* I also certify that I have informed the owner/operator of the facility or the demolition contractor that any asbestos-containing material allowed to stay in the facility must remain non-friable during demolition. Specify type(s) of ACM remaining, below: **(check appropriate box(es))**:

☐ Vinyl asbestos floor tile (VAT) ☐ VAT mastic ☐ Tar/asphalt impregnated roofing ☐ Asphaltic pipe coatings
☐ Spray-applied tar coatings ☐ Caulking ☐ Glazing ☐ Other, specify:

Signature: **(In Blue Ink)** [signature] | Printed Name: Logan Greenfield
Date of Final Inspection: 8-9-18 | CO Cert #: 20715 | Expiration Date: Oct. 18, 2018
Telephone #: (719) 545-0375 | Cell Phone #: (719) 250-0036

Building Owner or Contractor

I verify that all refrigerants from air conditioning/refrigeration appliances have been properly recovered in accordance with AQCC Regulation No. 15 (for information on CFC requirements call 692-3100). I further verify that all luminous exit signs (containing radioactive material) have been disposed of in accordance with 6 CCR 1007-1 subpart 3.6.4.3 (for information on luminous exit sign requirements call 303-692-3320).

CHECK THE APPROPRIATE BOX:

☐ Building Owner ☑ Contractor ☐ Other | Date: 8/9/18

Signature: [signature] | Print Name: JEFFREY KNIGHT

RECEIVED AUG 21 2018 APCD

THIS BOX IS FOR CDPHE USE ONLY:

Postmark or Hand Delivery Date: 8/21/18 | Approved By: [signature] | Code: ☑ initial-310 ☐ transfer-380
Form of Payment & #: check #5295 $80.00 | Permit #: [illegible] | Record #: 140773 | Date Issued:

* Regulated asbestos-containing materials means (a) friable asbestos-containing material, (b) Category I nonfriable ACM that has become friable, (c) Category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading or (d) Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by this regulation. Note: Asbestos-containing sheet vinyl and linoleum must be properly abated/removed prior to demolition.

APPROVED
DATE 8/22/18 CDPHE [signature]

Form: DNA08 Rev. 01/30/08

4. JKS Asbestos Certifications

Colorado Department
of Public Health
and Environment

General Abatement Contractor

This certifies that

JKS Industries, LLC

GAC No.: 18531

has met the certification requirements of 25-7-507, C.R.S. and Air Quality Control Commission Regulation No. 8, Part B, and is hereby authorized to perform asbestos abatement activities in the state of Colorado.

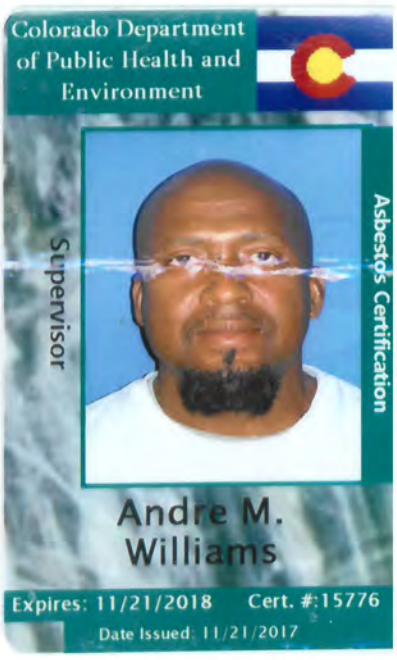
Issued: **July 18, 2018**

Expires: **July 18, 2019**

Authorized APCD Representative

SEAL

5. JKS Workers Asbestos Certifications


Colorado Department of Public Health and Environment
Supervisor
Asbestos Certification
Andre M. Williams
Expires: 11/21/2018
Cert. #:15776
Date Issued: 11/21/2017

INTERNATIONAL

Environmental and Safety Training LLC
720 Billings Street Unit F
Aurora, Colorado 80011
Phone # (720) 859-3134
Fax # (720) 859-0660

CERTIFIES THAT

ANDREE WILLIAMS

Has successfully completed
The **EPA**– APPROVED **AHERA** ANNUAL ASBESTOS REFRESHER
COURSE for **CONTRACTOR/SUPERVISOR**
And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date	09/22/2017
No. Hours	8
Certificate No.	CO092217-**01ASR**
Expires	09/22/2018

This course meets the requirements of AQCC Reg. #8

INTERNATIONAL ENVIRONMENTAL SAFETY TRAINING

Invalid without raised seal

Training Director

Midtown Occupational Health Services
2420 W. 26th Ave. Ste. 200-D Denver, CO 80211
Phone: (303) 831-9393 Fax: (303) 831-6335

OSHA Asbestos Certification

Applicants Name Andrea Williams

The above individual was seen by me on 3/19/18 in accordance to 29 CFR 1926.1101(Asbestos Certification) and 29CFR1910.134 (Respirator Certification). The following was preformed:

1. ✓ Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101

2. ✓ Reviewed the employer's description of this individual's duties as they relate to asbestos exposure, the anticipated exposure level, and the personal protective and respiratory equipment to be utilized by this individual.

3. _____ Review of information from previous medical examinations, if available.

4. ✓ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems, including a pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV-1).

5. ✓ Determined that a chest roentgenogram was ☒ was not ☐ required as part of this examination. (note: according to CFR 1926.1101 (M)(2)(ii)(C) it is at the discretion of the physician whether or not a chest X-ray is required)

6. ✓ Reviewed OSHA's Medical Evaluation Questionnaire in Appendix C Part A Section 2 in accordance with 29CFR 1910.134 and have determined that this individual may ☒ may not ☐ use a respiratory device while performing his/her required duties.

7. ✓ The employee has been instructed to report any difficulties in using the respirators or any change of physical status to their supervisor or physician.

8. ✓ In accordance with OSHA requirements, I have fully explained the results of the medical examination and laboratory tests to the above named patient.

9. ✓ In accordance with OSHA I have informed this individual of the health risks involved with smoking, of the synergistic relationship between cigarette smoking and asbestos exposure in producing lung cancer, and that cessation of smoking will reduce the risk of lung cancer.

Midtown Occupational Health Services
2420 W. 26th Ave. Ste. 200-D Denver, CO 80211
Phone: (303) 831-9393 Fax: (303) 831-6335

OSHA Asbestos Certification

✓ There is no detected medical condition which would place this employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

_____ There is a detected medical condition(s) which places this employee at an increased risk. See comments below for limitations:

Comments/ Limitations CXR 2 B reads pending

Examining Provider

3/18/19
Date

Respirator Fit Test

I, Andree Williams, acknowledge that I have been fit tested and trained for the proper use and care of my respirator. I have read and understand JKS's written respiratory program manual.

Date of Fit Test: 5/7/2018 Fit Test Conductor: Ruben Dominguez

Respirator Information

1. Manufacturer: North
2. Model: 7700M
3. Size (Circle one): SMALL (MEDIUM) LARGE
4. Approval Number: TC-84A-0592

Irritant smoke used (Circle one)? (YES) NO

Please initial the following as each test is completed:

[AW] Breathe normally through the respirator

[AW] Breathe deeply through the respirator. Be certain that your breaths are deep and regular

[AW] Turn your head from one side to the other to the fullest extent about every second without bumping the respirator on your shoulders. Ensure that your movement is complete. Inhale on each side.

[AW] Nod your head up and down to the fullest extent about every second without bumping the respirator on your chest. Ensure that your movement is complete and can be completed quickly. Inhale when you are facing up.

[AW] Do several jumping jacks to ensure that the respirator does not come loose from your face.

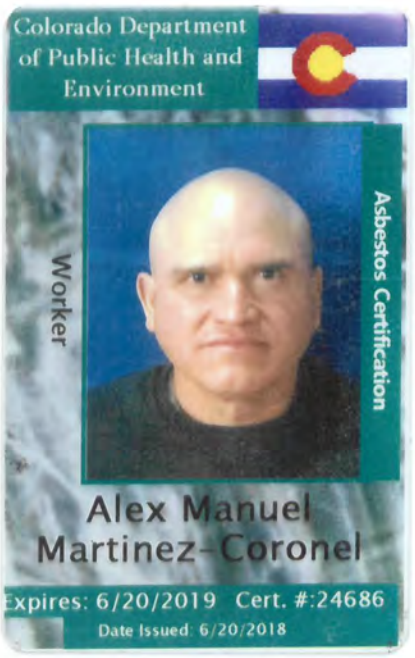
[AW] Move your mouth to its fullest extent; for example, yawn, move your jaw around, etc. Ensure that you can move your mouth as necessary without compromising the fit of the respirator.

[AW] Read the Rainbow Passage

When the sunlight strikes raindrops in the air, they act like a prism and form a rainbow. A rainbow is a division of white light into many beautiful colors. These take the shape of a long round arch with its path high above and its two ends apparently beyond the horizon. There is, according to legend, a boiling pot of gold at one end. People look, but no one ever finds it. When a man looks for something beyond his reach his friends say he is looking for the pot of gold at the end of the rainbow.

Employee Signature: Andree Williams Date: 5/7/18

Fit Test Conductor Signature: Ruben Dominguez Date: 5/7/2018


Colorado Department of Public Health and Environment
Asbestos Certification
Worker
Alex Manuel Martinez-Coronel
Expires: 6/20/2019 Cert. #:24686
Date Issued: 6/20/2018

INTERNATIONAL

Environmental and Safety Training L.LC.
720 Billings Street Unit F
Aurora, Colorado 80011
Phone # (720) 859-3134
Fax # (720) 859-0660

CERTIFIES THAT

ALEX MANUEL MARTINEZ CORONEL

Has successfully completed
The **EPA**– APPROVED **AHERA** ASBESTOS COURSE for **WORKER**
And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date	06/11/2018 - 06/14/2018
Exam Date	06/14/2018
No. Hours	32
Certificate No	CO061418-**02AWI**
Expires	06/14/2019

This course meets the requirements of AQCC Reg. #8 Part B

INTERNATIONAL ENVIRONMENTAL SAFETY TRAINING

Invalid without raised seal

Training Director

Midtown Occupational Health Services
2420 W. 26th Ave. Ste. 200-D Denver, CO 80211
Phone: (303) 831-9393 Fax: (303) 831-6335

OSHA Asbestos Certification

Applicants Name Alex Martinez

The above individual was seen by me on 6-18-18 in accordance to 29 CFR 1926.1101(Asbestos Certification) and 29CFR1910.134 (Respirator Certification). The following was preformed:

1. ✓ Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101
2. ✓ Reviewed the employer's description of this individual's duties as they relate to asbestos exposure, the anticipated exposure level, and the personal protective and respiratory equipment to be utilized by this individual.
3. ✓ Review of information from previous medical examinations, if available.
4. ✓ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems, including a pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV-1).
5. ✓ Determined that a chest roentgenogram was ☐ was not ☒ required as part of this examination. (note: according to CFR 1926.1101 (M)(2)(i)(C) it is at the discretion of the physician whether or not a chest X-ray is required)
6. ✓ Reviewed OSHA's Medical Evaluation Questionnaire in Appendix C Part A Section 2 in accordance with 29CFR 1910.134 and have determined that this individual may ☒ may not ☐ use a respiratory device while performing his/her required duties.
7. ✓ The employee has been instructed to report any difficulties in using the respirators or any change of physical status to their supervisor or physician.
8. ✓ In accordance with OSHA requirements, I have fully explained the results of the medical examination and laboratory tests to the above named patient.
9. ✓ In accordance with OSHA I have informed this individual of the health risks involved with smoking, of the synergistic relationship between cigarette smoking and asbestos exposure in producing lung cancer, and that cessation of smoking will reduce the risk of lung cancer.

Midtown Occupational Health Services
2420 W. 26th Ave. Ste. 200-D Denver, CO 80211
Phone: (303) 831-9393 Fax: (303) 831-6335

OSHA Asbestos Certification

____ There is no detected medical condition which would place this employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

_____ There is a detected medical condition(s) which places this employee at an increased risk. See comments below for limitations:

Comments/ Limitations_____

6/18/18

Examining Provider J. Raschbacher, M.D.

Date

J. Raschbacher, M.D.
Midtown Occupational
Health Services, P.C.
2490 W. 26th Ave., Bldg. A, Suite 300
Denver, CO 80211
303-831-9393

Midtown Occupational Health Services

2490 W 26th Ave Bld A Ste 300, Denver, CO 80219

Alex, Martinez **ID: 0506** **Age: 57 (10/10/1960)**

Gender	Male	Height	66 in		Asthma	No
Ethnicity	Hispanic	Weight	156 lb	BMI 25.2	COPD	--
Smoker	No					

FVC (ex only)

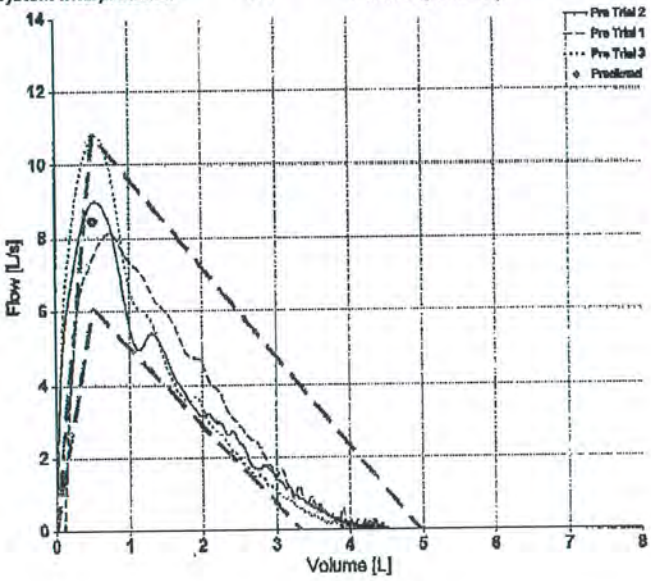
Your FEV1 / Predicted: 105 %

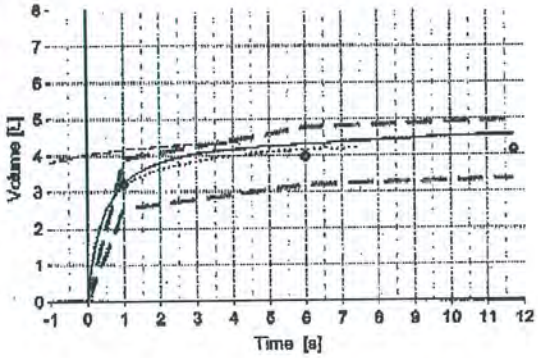
Test Date	6/18/2018 12:15:39 PM	Interpretation	GOLD(2008)/Hardie	Value Selection	Best Value
Post Time		Predicted	Hankinson (NHANES III), 1999	BTPS (IN/EX)	1.09/1.02

Parameter	Pred	LLN	Pre Best	Trial 2	Trial 1	Trial 3	%Pred
FVC [L]	4.15	3.34	4.54	4.54	4.37	4.18	110
FEV1 [L]	3.21	2.52	3.38	3.22	3.38	3.12	105
FEV1/FVC	0.775	0.684	0.744	0.710	0.774	0.747	96
FEF25-75 [L/s]	2.96	1.42	2.14	2.14	2.88	2.32	73
PEF [L/s]	8.45	6.09	10.79	9.01	8.12	10.79	128
FET [s]	-	-	11.7	11.7	6.8	7.3	-

Session Quality: Pre — C (FEV1 Var=0.16L (4.6%); FVC Var=0.18L (3.9%))

System Interpretation: Pre — Normal Spirometry





Respirator Fit Test

I, Alex Martinez Coronell, acknowledge that I have been fit tested and trained for the proper use and care of my respirator. I have read and understand JKS's written respiratory program manual.

Date of Fit Test: 6/21/2018 Fit Test Conductor: Ruben Domingo

Respirator Information

1. Manufacturer: North
2. Model: 7700M
3. Size (Circle one): SMALL (MEDIUM) LARGE
4. Approval Number: TC-84A-0592

Irritant smoke used (Circle one)? (YES) NO

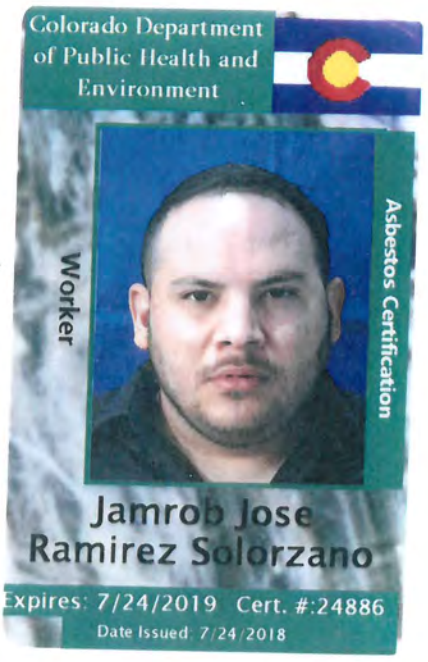
Please initial the following as each test is completed:

- [x] Breathe normally through the respirator
- [x] Breathe deeply through the respirator. Be certain that your breaths are deep and regular
- [x] Turn your head from one side to the other to the fullest extent about every second without bumping the respirator on your shoulders. Ensure that your movement is complete. Inhale on each side.
- [x] Nod your head up and down to the fullest extent about every second without bumping the respirator on your chest. Ensure that your movement is complete and can be completed quickly. Inhale when you are facing up.
- [x] Do several jumping jacks to ensure that the respirator does not come loose from your face.
- [x] Move your mouth to its fullest extent; for example, yawn, move your jaw around, etc. Ensure that you can move your mouth as necessary without compromising the fit of the respirator.
- [x] Read the Rainbow Passage

When the sunlight strikes raindrops in the air, they act like a prism and form a rainbow. A rainbow is a division of white light into many beautiful colors. These take the shape of a long round arch with its path high above and its two ends apparently beyond the horizon. There is, according to legend, a boiling pot of gold at one end. People look, but no one ever finds it. When a man looks for something beyond his reach his friends say he is looking for the pot of gold at the end of the rainbow.

Employee Signature: _____ Date: 06/21/18

Fit Test Conductor Signature: _____ Date: 6/21/2018


Colorado Department of Public Health and Environment
Worker
Asbestos Certification
Jamrob Jose Ramirez Solorzano
Expires: 7/24/2019 Cert. #:24886
Date Issued: 7/24/2018

INTERNATIONAL

Environmental and Safety Training L.LC.
720 Billings Street Unit F
Aurora, Colorado 80011
Phone # (720) 859-3134
Fax # (720) 859-0660

CERTIFIES THAT

JAMROB J. RAMIREZ

Has successfully completed
The **EPA**– APPROVED **AHERA** ASBESTOS COURSE for **WORKER**
And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date	07/16/2018 - 07/19/2018
Exam Date	07/19/2018
No. Hours	32
Certificate No	CO071918-**03AWI**
Expires	07/19/2019

This course meets the requirements of AQCC Reg. #8 Part B

INTERNATIONAL ENVIRONMENTAL SAFETY TRAINING

Invalid without raised seal

Training Director

Midtown Occupational Health Services
2420 W. 26th Ave. Ste. 200-D Denver, CO 80211
Phone: (303) 831-9393 Fax: (303) 831-6335

OSHA Asbestos Certification

Applicants Name Jacob Ramirez

The above individual was seen by me on 7-24-18 in accordance to 29 CFR 1926.1101(Asbestos Certification) and 29CFR1910.134 (Respirator Certification). The following was preformed:

1. ✓ Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101

2. ✓ Reviewed the employer's description of this individual's duties as they relate to asbestos exposure, the anticipated exposure level, and the personal protective and respiratory equipment to be utilized by this individual.

3. N/A ✓ Review of information from previous medical examinations, if available.

4. ✓ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems, including a pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV-1).

5. ✓ Determined that a chest roentgenogram (was ☒ was not ☐ required as part of this examination. (note: according to CFR 1926.1101 (M)(2)(ii)(C) it is at the discretion of the physician whether or not a chest X-ray is required)

6. ✓ Reviewed OSHA's Medical Evaluation Questionnaire in Appendix C Part A Section 2 in accordance with 29CFR 1910.134 and have determined that this individual (may ☒ may not ☐ use a respiratory device while performing his/her required duties.

7. ✓ The employee has been instructed to report any difficulties in using the respirators or any change of physical status to their supervisor or physician.

8. ✓ In accordance with OSHA requirements, I have fully explained the results of the medical examination and laboratory tests to the above named patient.

9. ✓ In accordance with OSHA I have informed this individual of the health risks involved with smoking, of the synergistic relationship between cigarette smoking and asbestos exposure in producing lung cancer, and that cessation of smoking will reduce the risk of lung cancer.

Midtown Occupational Health Services
2420 W. 26th Ave. Ste. 200-D Denver, CO 80211
Phone: (303) 831-9393 Fax: (303) 831-6335

OSHA Asbestos Certification

✓ There is no detected medical condition which would place this employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

_____ There is a detected medical condition(s) which places this employee at an increased risk. See comments below for limitations:

Comments/ Limitations _____

Matthew Edwards, PA.-C
Midtown Occupational
Health Services, P.C.
2490 W. 26th Ave., Bldg. A, Suite 300
Denver, CO 80211
303-831-9393

_____ 7/22/19
Examining Provider Date

Respirator Fit Test

I, Jamrob Ramirez, acknowledge that I have been fit tested and trained for the proper use and care of my respirator. I have read and understand JKS's written respiratory program manual.

Date of Fit Test: 7/26/2018 Fit Test Conductor: Ruben Dominguez

Respirator Information

1. Manufacturer: North
2. Model: 7700M
3. Size (Circle one): SMALL (MEDIUM) LARGE
4. Approval Number: TC-84A-0592

Irritant smoke used (Circle one)? (YES) NO

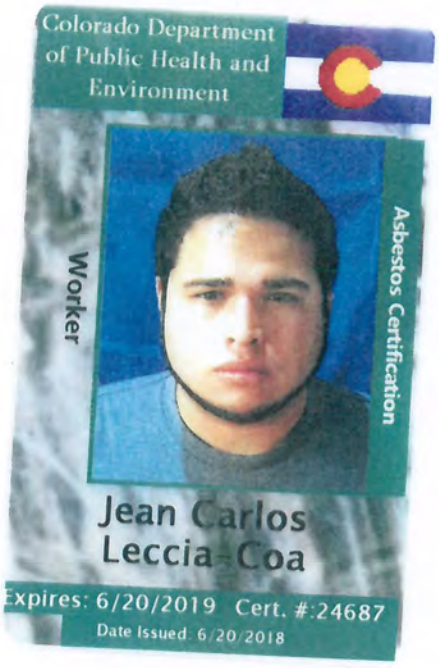
Please initial the following as each test is completed:

- [x] Breathe normally through the respirator
- [x] Breathe deeply through the respirator. Be certain that your breaths are deep and regular
- [x] Turn your head from one side to the other to the fullest extent about every second without bumping the respirator on your shoulders. Ensure that your movement is complete. Inhale on each side.
- [x] Nod your head up and down to the fullest extent about every second without bumping the respirator on your chest. Ensure that your movement is complete and can be completed quickly. Inhale when you are facing up.
- [x] Do several jumping jacks to ensure that the respirator does not come loose from your face.
- [x] Move your mouth to its fullest extent; for example, yawn, move your jaw around, etc. Ensure that you can move your mouth as necessary without compromising the fit of the respirator.
- [x] Read the Rainbow Passage

When the sunlight strikes raindrops in the air, they act like a prism and form a rainbow. A rainbow is a division of white light into many beautiful colors. These take the shape of a long round arch with its path high above and its two ends apparently beyond the horizon. There is, according to legend, a boiling pot of gold at one end. People look, but no one ever finds it. When a man looks for something beyond his reach his friends say he is looking for the pot of gold at the end of the rainbow.

Employee Signature: Jamrob Ramirez Date: 07-26-18

Fit Test Conductor Signature: Ruben Dominguez Date: 07/26/2018


Colorado Department of Public Health and Environment
Asbestos Certification
Worker
Jean Carlos Leccia-Coa
Expires: 6/20/2019 Cert. #:24687
Date Issued: 6/20/2018

INTERNATIONAL

Environmental and Safety Training L.LC.
720 Billings Street Unit F
Aurora, Colorado 80011
Phone # (720) 859-3134
Fax # (720) 859-0660

CERTIFIES THAT

JEAN CARLOS LECCIA COA

Has successfully completed
The **EPA**– APPROVED **AHERA** ASBESTOS COURSE for **WORKER**
And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date	06/11/2018 - 06/14/2018
Exam Date	06/14/2018
No. Hours	32
Certificate No	CO061418-**07AWI**
Expires	06/14/2019

This course meets the requirements of AQCC Reg. #8 Part B

INTERNATIONAL ENVIRONMENTAL SAFETY TRAINING

Invalid without raised seal

Training Director

Midtown Occupational Health Services
2420 W. 26th Ave. Ste. 200-D Denver, CO 80211
Phone: (303) 831-9393 Fax: (303) 831-6335

OSHA Asbestos Certification

Applicants Name Jean Carlos Leccia

The above individual was seen by me on 6-18-18 in accordance to 29 CFR 1926.1101(Asbestos Certification) and 29CFR1910.134 (Respirator Certification). The following was preformed:

1. ✓ Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101

2. ✓ Reviewed the employer's description of this individual's duties as they relate to asbestos exposure, the anticipated exposure level, and the personal protective and respiratory equipment to be utilized by this individual.

3. ✓ Review of information from previous medical examinations, if available.

4. ✓ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems, including a pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV-1).

5. ✓ Determined that a chest roentgenogram was ☐ was not ☒ required as part of this examination. (note: according to CFR 1926.1101 (M)(2)(ii)(C) it is at the discretion of the physician whether or not a chest X-ray is required)

6. ✓ Reviewed OSHA's Medical Evaluation Questionnaire in Appendix C Part A Section 2 in accordance with 29CFR 1910.134 and have determined that this individual may ☒ may not ☐ use a respiratory device while performing his/her required duties.

7. ✓ The employee has been instructed to report any difficulties in using the respirators or any change of physical status to their supervisor or physician.

8. ✓ In accordance with OSHA requirements, I have fully explained the results of the medical examination and laboratory tests to the above named patient.

9. ✓ In accordance with OSHA I have informed this individual of the health risks involved with smoking, of the synergistic relationship between cigarette smoking and asbestos exposure in producing lung cancer, and that cessation of smoking will reduce the risk of lung cancer.

Midtown Occupational Health Services
2420 W. 26th Ave. Ste. 200-D Denver, CO 80211
Phone: (303) 831-9393 Fax: (303) 831-6335

OSHA Asbestos Certification

✓ There is no detected medical condition which would place this employee at an increased risk of material health impairment from exposure to asbestos. and there are no recommended

Comments/ Limitations ______________________________

____

____

____

[illegible] 6/18/18

Examining Provider Date

J. Raschbacher, M.D.

J. Raschbacher, M.D.
Midtown Occupational
Health Services, P.C.
2490 W. 26th Ave., Bldg. A, Suite 300
Denver, CO 80211
303-831-9393

Midtown Occupational Health Services
2490 W 26th Avenue
Building A, Suite 300
Denver, CO 80211

Leccia Coa, Jean Carlos — ID: 1993 — Age: 25 (5/12/1993)

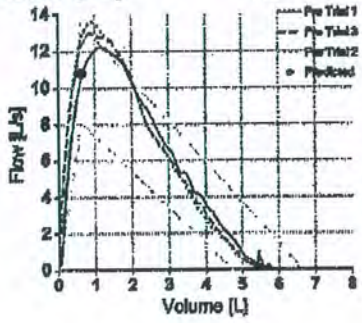
Gender	Male	Height	71 in			Asthma	No
Ethnicity	Hispanic	Weight	274 lb	BMI	38.2	COPD	--
Smoker	No						

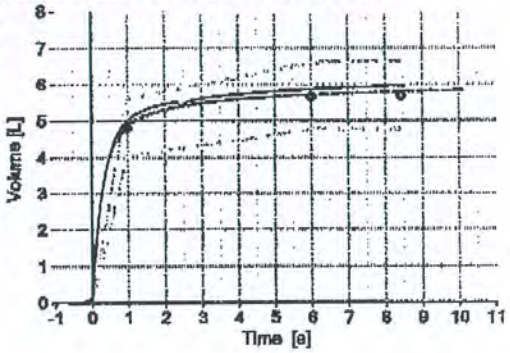
FVC (ex only) — Your FEV1 / Predicted: 104%

Test Date	6/18/2018 11:44:10 AM	Interpretation	--	Value Selection	Best Value
Post Time		Predicted	Hankinson (NHANES III), 1999	BTPS (IN/EX)	1.11/1.02

Parameter	Pred	LLN	Pre Best	Trial 1	Trial 3	Trial 2	%Pred
FVC [L]	5.70	4.76	5.95	5.95	5.82	5.82	104
FEV1 [L]	4.81	4.02	5.01	5.01	4.86	4.81	104
FEV1/FVC [%]	84.5	75.4	84.1	84.1	83.4	82.6	100
FEF25-75 [L/s]	5.20	3.43	5.62	5.62	5.32	5.05	108
PEF [L/s]	10.82	8.09	13.62	12.23	12.95	13.62	126
FET [s]	-	-	8.4	8.4	10.2	10.1	-

Session Quality — Pre — C (FEV1 Var=0.15L (3.0%); FVC Var=0.13L (2.2%))





Respirator Fit Test

I, Juan Carlos Loccia Goa, acknowledge that I have been fit tested and trained for the proper use and care of my respirator. I have read and understand JKS's written respiratory program manual.

Date of Fit Test: 6/21/2018 Fit Test Conductor: Ruben Dario

Respirator Information

1. Manufacturer: North
2. Model: 7700M
3. Size (Circle one): SMALL MEDIUM (LARGE)
4. Approval Number: TC-84A-0592

Irritant smoke used (Circle one)? (YES) NO

Please initial the following as each test is completed:

- [x] Breathe normally through the respirator
- [x] Breathe deeply through the respirator. Be certain that your breaths are deep and regular
- [x] Turn your head from one side to the other to the fullest extent about every second without bumping the respirator on your shoulders. Ensure that your movement is complete. Inhale on each side.
- [x] Nod your head up and down to the fullest extent about every second without bumping the respirator on your chest. Ensure that your movement is complete and can be completed quickly. Inhale when you are facing up.
- [x] Do several jumping jacks to ensure that the respirator does not come loose from your face.
- [x] Move your mouth to its fullest extent; for example, yawn, move your jaw around, etc. Ensure that you can move your mouth as necessary without compromising the fit of the respirator.
- [x] Read the Rainbow Passage

When the sunlight strikes raindrops in the air, they act like a prism and form a rainbow. A rainbow is a division of white light into many beautiful colors. These take the shape of a long round arch with its path high above and its two ends apparently beyond the horizon. There is, according to legend, a boiling pot of gold at one end. People look, but no one ever finds it. When a man looks for something beyond his reach his friends say he is looking for the pot of gold at the end of the rainbow.

Employee Signature: _____ Date: _____

Fit Test Conductor Signature: _____ Date: 6/21/2018


Colorado Department of Public Health and Environment
Asbestos Certification
Worker
Lucia
Gaspar-Domingo
Expires: 6/13/2019 Cert. #:24651
Date Issued 6/13/2018

INTERNATIONAL

Environmental and Safety Training L.LC.
720 Billings Street Unit F
Aurora, Colorado 80011
Phone # (720) 859-3134
Fax # (720) 859-0660

CERTIFIES THAT

LUCIA GASPAR DOMINGO

Has successfully completed
The **EPA**– APPROVED **AHERA** ASBESTOS COURSE for **WORKER**
And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date	06/04/2018 - 06/07/2018
Exam Date	06/07/2018
No. Hours	32
Certificate No	CO060718-**18AWI**
Expires	06/07/2019

This course meets the requirements of AQCC Reg. #8 Part B

Invalid without raised sea!

Training Director

Midtown Occupational Health Services
2420 W. 26th Ave. Ste. 200-D Denver, CO 80211
Phone: (303) 831-9393 Fax: (303) 831-6335

OSHA Asbestos Certification

Applicants Name Lucia Gaspar

The above individual was seen by me on 6-28-18 in accordance to 29 CFR 1926.1101(Asbestos Certification) and 29CFR1910.134 (Respirator Certification). The following was preformed:

1. ✓ Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101

2. ✓ Reviewed the employer's description of this individual's duties as they relate to asbestos exposure, the anticipated exposure level, and the personal protective and respiratory equipment to be utilized by this individual.

3. N/A Review of information from previous medical examinations, if available.

4. ✓ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems, including a pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV-1).

5. ✓ Determined that a chest roentgenogram was ☑ was not ☐ required as part of this examination. (note: according to CFR 1926.1101 (M)(2)(ii)(C) it is at the discretion of the physician whether or not a chest X-ray is required)

6. ✓ Reviewed OSHA's Medical Evaluation Questionnaire in Appendix C Part A Section 2 in accordance with 29CFR 1910.134 and have determined that this individual may ☑ may not ☐ use a respiratory device while performing his/her required duties.

FAXED
JUN 28 2018

7. ✓ The employee has been instructed to report any difficulties in using the respirators or any change of physical status to their supervisor or physician.

8. ✓ In accordance with OSHA requirements, I have fully explained the results of the medical examination and laboratory tests to the above named patient.

9. ✓ In accordance with OSHA I have informed this individual of the health risks involved with smoking, of the synergistic relationship between cigarette smoking and asbestos exposure in producing lung cancer, and that cessation of smoking will reduce the risk of lung cancer.

Midtown Occupational Health Services
2420 W. 26th Ave. Ste. 200-D Denver, CO 80211
Phone: (303) 831-9393 Fax: (303) 831-6335

OSHA Asbestos Certification

✓ There is no detected medical condition which would place this employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

_____ There is a detected medical condition(s) which places this employee at an increased risk. See comments below for limitations:

Comments/ Limitations _____

Matthew Edwards, PA-C
Midtown Occupational
Health Services, P.C.
2490 W. 26th Ave., Bldg. A, Suite 900
Denver, CO 80211
303-831-9393

Examining Provider

06-28-2018
Date

FAXED
JUN 28 2018

Respirator Fit Test

I, Lucia Gaspar Domingo, acknowledge that I have been fit tested and trained for the proper use and care of my respirator. I have read and understand JKS's written respiratory program manual.

Date of Fit Test: 7-10-18 Fit Test Conductor: Matthew C. Oliver

Respirator Information

1. Manufacturer: North
2. Model: 7700M
3. Size (Circle one): SMALL MEDIUM LARGE
4. Approval Number: ~~TC-84A-0592~~

Irritant smoke used (Circle one)? YES NO

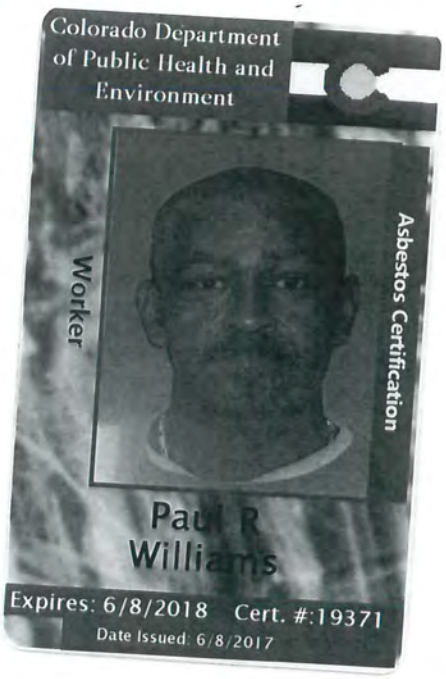
Please initial the following as each test is completed:

- [x] Breathe normally through the respirator
- [x] Breathe deeply through the respirator. Be certain that your breaths are deep and regular
- [x] Turn your head from one side to the other to the fullest extent about every second without bumping the respirator on your shoulders. Ensure that your movement is complete. Inhale on each side.
- [x] Nod your head up and down to the fullest extent about every second without bumping the respirator on your chest. Ensure that your movement is complete and can be completed quickly. Inhale when you are facing up.
- [x] Do several jumping jacks to ensure that the respirator does not come loose from your face.
- [x] Move your mouth to its fullest extent; for example, yawn, move your jaw around, etc. Ensure that you can move your mouth as necessary without compromising the fit of the respirator.
- [x] Read the Rainbow Passage

When the sunlight strikes raindrops in the air, they act like a prism and form a rainbow. A rainbow is a division of white light into many beautiful colors. These take the shape of a long round arch with its path high above and its two ends apparently beyond the horizon. There is, according to legend, a boiling pot of gold at one end. People look, but no one ever finds it. When a man looks for something beyond his reach his friends say he is looking for the pot of gold at the end of the rainbow.

Employee Signature: Lucia Gaspar-Domingo Date: 7/10/18

Fit Test Conductor Signature: Matthew Oliver Date: 7/10/18


Colorado Department of Public Health and Environment
Worker
Asbestos Certification
Paul R Williams
Expires: 6/8/2018 Cert. #:19371
Date Issued: 6/8/2017

INTERNATIONAL

Environmental and Safety Training LLC
720 Billings Street Unit F
Aurora, Colorado 80011
Phone # (720) 859-3134
Fax # (720) 859-0660

CERTIFIES THAT

PAUL WILLIAMS

Has successfully completed
The **EPA**– APPROVED **AHERA** ANNUAL ASBESTOS REFRESHER
COURSE for **CONTRACTOR/SUPERVISOR**
And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date	05/04/2018
No. Hours	8
Certificate No.	CO050418-**22ASR**
Expires	05/04/2019

This course meets the requirements of AQCC Reg. #8 Part B

INTERNATIONAL ENVIRONMENTAL SAFETY TRAINING

Invalid without raised seal

Training Director

Midtown Occupational Health Services
2420 W. 26th Ave. Ste. 200-D Denver, CO 80211
Phone: (303) 831-9393 Fax: (303) 831-6335

OSHA Asbestos Certification

Applicants Name Paul Williams

The above individual was seen by me on 6-15-18 in accordance to 29 CFR 1926.1101(Asbestos Certification) and 29CFR1910.134 (Respirator Certification). The following was preformed:

1. ✓ Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101

2. ✓ Reviewed the employer's description of this individual's duties as they relate to asbestos exposure, the anticipated exposure level, and the personal protective and respiratory equipment to be utilized by this individual.

3. ✓ Review of information from previous medical examinations, if available.

4. ✓ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems, including a pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV-1).

5. ✓ Determined that a chest roentgenogram was ☐ was not ☑ required as part of this examination. (note: according to CFR 1926.1101 (M)(2)(ii)(C) it is at the discretion of the physician whether or not a chest X-ray is required)

6. ✓ Reviewed OSHA's Medical Evaluation Questionnaire in Appendix C Part A Section 2 in accordance with 29CFR 1910.134 and have determined that this individual may ☑ may not ☐ use a respiratory device while performing his/her required duties.

7. ✓ The employee has been instructed to report any difficulties in using the respirators or any change of physical status to their supervisor or physician.

8. ✓ In accordance with OSHA requirements, I have fully explained the results of the medical examination and laboratory tests to the above named patient.

9. ✓ In accordance with OSHA I have informed this individual of the health risks involved with smoking, of the synergistic relationship between cigarette smoking and asbestos exposure in producing lung cancer, and that cessation of smoking will reduce the risk of lung cancer.

Midtown Occupational Health Services
2420 W. 26th Ave. Ste. 200-D Denver, CO 80211
Phone: (303) 831-9393 Fax: (303) 831-6335

OSHA Asbestos Certification

✓ There is no detected medical condition which would place this employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

_____ There is a detected medical condition(s) which places this employee at an increased risk. See comments below for limitations:

Comments/ Limitations_____

Examining Provider Lawrence Cedillo D.O. JUN 15 2018 Date

Lawrence Cedillo D.O.
Midtown Occupational
Health Services, P.C.
2490 W. 26th Ave., Bldg. A, Suite 300
Denver, CO 80211
303-831-9393

Midtown Occupational Health Services
2490 W 26th Avenue
Building A, Suite 300
Denver, CO 80211

Williams, Paul **ID: 0174** **Age: 50 (3/9/1968)**

Gender	Male	Height	68 in		
Ethnicity	African	Weight	166 lb	BMI 25.2	

FVC (ex only)

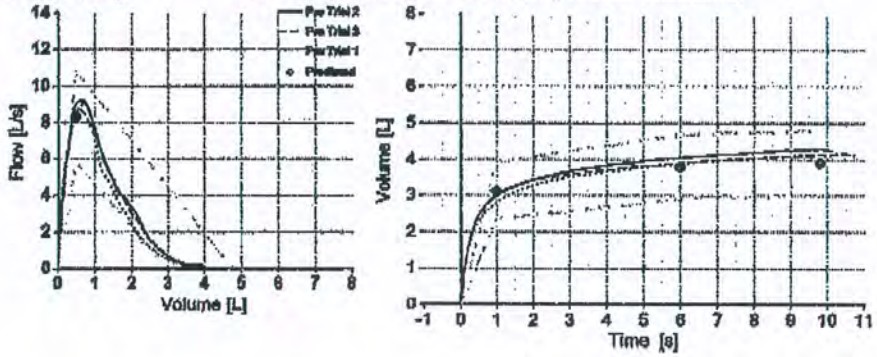
Your FEV1 / Predicted: 96%

Test Date	6/15/2018 10:48:16 AM	Interpretation	--	Value Selection	Best Value
Post Time		Predicted	Hankinson (NHANES III), 1999	BTPS (IN/EX)	1.12/1.02

Parameter	Pred	LLN	Pre Best	Trial 2	Trial 3	Trial 1	%Pred
FVC [L]	3.90	3.02	4.29	4.29	4.16	4.13	110
FEV1 [L]	3.12	2.34	3.00	3.00	2.98	2.80	96
FEV1/FVC [%]	80.0	69.6	69.9	69.9	71.6	67.7*	87
FEF25-75 [L/s]	3.15	1.47	1.69	1.69	1.88	1.47	54
PEF [L/s]	8.34	5.83	9.28	9.28	8.68	9.10	111
FET [s]	-	-	9.8	9.8	10.4	9.9	-

* Indicates value outside normal range or significant post change.

Session Quality Pre B (FEV1 Var=0.02L (0.8%); FVC Var=0.13L (3.1%))



Lawrence Cedillo D.O.
Midtown Occupational
Health Services, P.C.
2490 W. 26th Ave., Bldg. A, Suite 300
Denver, CO 80211
303-831-9393

JKS INDUSTRIES

RESPIRATOR FIT TEST

APPENDIX A – NORTH

EMPLOYEES WORKING UNDER THIS RESPIRATOR PROGRAM MUST ACKNOWLEDGE BY SIGNING THIS FORM. THEY HAVE BEEN FIT TESTED AND HAVE BEEN TRAINED FOR THE PROPER USE AND CARE OF THEIR RESPIRATOR. THEY HAVE READ AND UNDERSTAND THE COMPANY'S WRITTEN RESPIRATOR PROGRAM MANUAL.

Paul R. Williams

EMPLOYEE NAME PRINTED OR TYPED

3/26/2018

DATE OF FIT TEST

Ruben J. Dompo

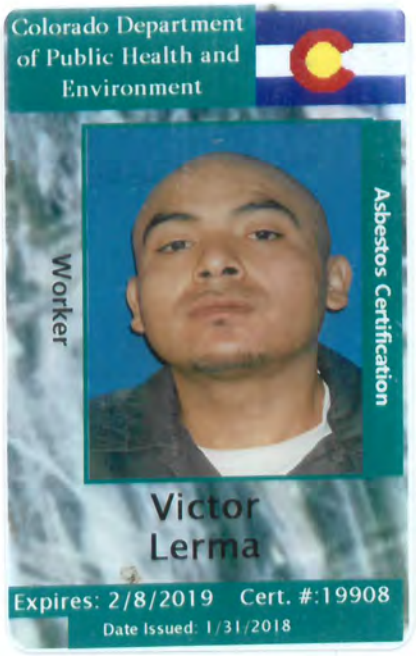
FIT TEST CONDUCTOR

RESPIRATOR:

1. MANUFACTURER: North
2. MODEL: 7700M
3. SIZE: Medium
4. APPROVAL NUMBER: TC-84A-0592

IRRITANT SMOKE X

TESTING AGENT


Colorado Department of Public Health and Environment
Asbestos Certification
Worker
Victor Lerma
Expires: 2/8/2019 Cert. #:19908
Date Issued: 1/31/2018

INTERNATIONAL

Environmental and Safety Training L.LC.
720 Billings Street Unit F
Aurora, Colorado 80011
Phone # (720) 859-3134
Fax # (720) 859-0660

CERTIFIES THAT

VICTOR A. LERMA

Has successfully completed
The **EPA**– APPROVED **AHERA** ANNUAL ASBESTOS REFRESHER COURSE for **WORKER**
And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date	01/13/2018
No. Hours	8
Certificate No.	CO011318-**22AWR**
Expires	01/13/2019

This course meets the requirements of AQCC Reg. #8

INTERNATIONAL ENVIRONMENTAL SAFETY TRAINING

Invalid without raised seal

Training Director

Midtown Occupational Health Services
2490 W. 26th Ave. Ste. 300-A Denver, CO 80211
Phone: (303) 831-9393 Fax: (303) 831-6335

OSHA Asbestos Certification

Applicants Name Victor Lerma

The above individual was seen by me on 02/12/18 in accordance to 29 CFR 1926.1101(Asbestos Certification) and 29CFR1910.134 (Respirator Certification). The following was preformed:

1. Y Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101

2. Y Reviewed the employer's description of this individual's duties as they relate to asbestos exposure, the anticipated exposure level, and the personal protective and respiratory equipment to be utilized by this individual.

3. Y Review of information from previous medical examinations, if available.

4. Y A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems, including a pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV-1).

5. Y Determined that a chest roentgenogram was ☐ was not ☒ required as part of this examination. (note: according to CFR 1926.1101 (M)(2)(ii)(C) it is at the discretion of the physician whether or not a chest X-ray is required)

6. Y Reviewed OSHA's Medical Evaluation Questionnaire in Appendix C Part A Section 2 in accordance with 29CFR 1910.134 and have determined that this individual may ☑ may not ☐ use a respiratory device while performing his/her required duties.

7. Y The employee has been instructed to report any difficulties in using the respirators or any change of physical status to their supervisor or physician.

8. Y In accordance with OSHA requirements, I have fully explained the results of the medical examination and laboratory tests to the above named patient.

9. Y In accordance with OSHA I have informed this individual of the health risks involved with smoking, of the synergistic relationship between cigarette smoking and asbestos exposure in producing lung cancer, and that cessation of smoking will reduce the risk of lung cancer.

Midtown Occupational Health Services
2490 W. 26th Ave. Ste. 300-A Denver, CO 80211
Phone: (303) 831-9393 Fax: (303) 831-6335

OSHA Asbestos Certification

____ There is no detected medical condition which would place this employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

_____ There is a detected medical condition(s) which places this employee at an increased risk. See comments below for limitations:

Comments/ Limitations_____

Examining Provider

02/12/18
Date

Richard Kraus M.S., PA.-C
Midtown Occupational
Health Services, P.C.
2490 W. 26th Ave., Bldg. A, Suite 300
Denver, CO 80211
303-831-9393

Respirator Fit Test

I, Victor Lerma, acknowledge that I have been fit tested and trained for the proper use and care of my respirator. I have read and understand JKS's written respiratory program manual.

Date of Fit Test: 05-07 2018 Fit Test Conductor: Ruben Ochoa

Respirator Information

1. Manufacturer: North
2. Model: 7700M
3. Size (Circle one): SMALL (MEDIUM) LARGE
4. Approval Number: TC-84A-0592

Irritant smoke used (Circle one)? (YES) NO

Please initial the following as each test is completed:

[VL] Breathe normally through the respirator

[VL] Breathe deeply through the respirator. Be certain that your breaths are deep and regular

[VL] Turn your head from one side to the other to the fullest extent about every second without bumping the respirator on your shoulders. Ensure that your movement is complete. Inhale on each side.

[VL] Nod your head up and down to the fullest extent about every second without bumping the respirator on your chest. Ensure that your movement is complete and can be completed quickly. Inhale when you are facing up.

[VL] Do several jumping jacks to ensure that the respirator does not come loose from your face.

[VL] Move your mouth to its fullest extent; for example, yawn, move your jaw around, etc. Ensure that you can move your mouth as necessary without compromising the fit of the respirator.

[VL] Read the Rainbow Passage

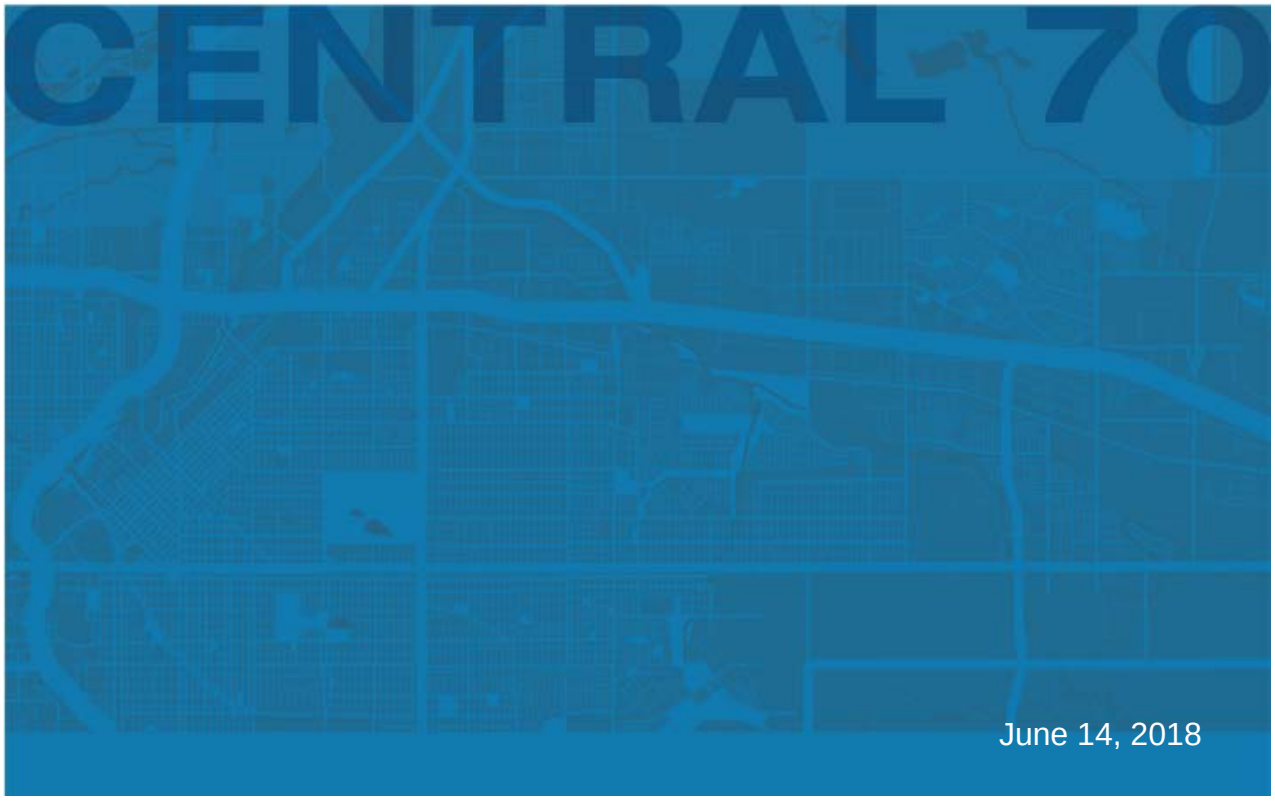
When the sunlight strikes raindrops in the air, they act like a prism and form a rainbow. A rainbow is a division of white light into many beautiful colors. These take the shape of a long round arch with its path high above and its two ends apparently beyond the horizon. There is, according to legend, a boiling pot of gold at one end. People look, but no one ever finds it. When a man looks for something beyond his reach his friends say he is looking for the pot of gold at the end of the rainbow.

Employee Signature: Victor Lerma Date: 5-7-18

Fit Test Conductor Signature: Ruben Ochoa Date: 5/7/2018

6. Project Design

6a. SSAR



Structure Survey Assessment Report AP-34

4639 Claude Ct.

Denver, CO 80216

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Appendix B	Positive Asbestos & Lead Sample Material Photographs
Appendix C	Laboratory Results & Chain of Custody – Asbestos
Appendix D	Laboratory Results & Chain of Custody – Lead & TCLP

APEC Project # 18-3066 - 009

Prepared for

Kiewit Meridiam Partners

Prepared by

Logan Greenfield

Logan Greenfield, CABI & AMS #20715

VP of Field Services

Reviewed by

Brandice Eslinger

Brandice Eslinger, EP, CABI & PD # 5494

President

1 Introduction

All-Phase Environmental Consultants, Inc. (APEC) was contracted to complete an environmental building survey for suspect asbestos-containing materials (ACMs), lead-based paint (LBP), and regulated building materials (RBM) at 4639 Claude Ct. Denver, CO. This survey will identify what materials need to be abated or removed prior to the future demolition activities.

Table 1-1 Project Details

Client Name:	Kiewit Meridiam Partners
Site Location:	4639 Claude Ct., Denver, CO 80216
Building Type	One Building – Single family Residence
Building Size	Building is approximately 628 square feet
Construction Date:	1888 – Based on the City and County of Denver Assessor's Records
Building Uses:	Residential
Types of Materials to be Disturbed/Description of Proposed Disturbances:	Client intends to demolish the structure. All building materials will be impacted.

This Structure Survey Assessment was conducted as part of the Central 70 Project located in Denver, Colorado. This assessment was conducted in accordance with the Structure Survey Assessment Plan (SSAP), dated March 27, 2018. The SSAP, as defined in Section 23132 of Schedule 17 (Environmental Requirements) of the final Central 70 Project Agreement between Colorado Department of Transportation (CDOT) and Kiewit Meridiam Partners, identifies the procedures for completing building and structure surveys for ACMs, LBP and universal wastes or other Recognized Hazardous Materials (RHMs), as defined by the Resource Conservation and Recovery Act (RCRA); universal waste, as defined by the U.S. Environmental Protection Agency (EPA) and 6 CCR Part 273 of the Colorado Hazardous Waste Regulations; chlorofluorocarbons (CFCs), as defined by the Clean Air Act; and polychlorinated biphenyls (PCBs), as defined by the Toxic Substances Control Act.

2 Site Survey Methodology

2.1 ASBESTOS SURVEY

On April 26, 2018, APEC certified personnel Logan Greenfield conducted an asbestos survey for demolition at the aforementioned address. The asbestos survey (inspection/sampling) was completed in accordance with the SSAP and follows guidelines established under the EPA Asbestos Hazard Emergency Response Act (AHERA) program and as required by USEPA regulation 40 Code of Federal Regulations (CFR) Part 61, National Emissions Standards for Hazardous Air Pollutants (NESHAP). Bulk sampling of suspected ACMs shall be performed in strict accordance with AHERA sampling proce-dures detailed in 40 CFR 763.86. These include but aren't limited to labeling each sample, recording on a chain of custody, taking a photo of the sample and recording the location on a site diagram. Demolition work could disturb materials that contain asbestos and put unprotected workers at risk, violating asbestos regulations, which are enforced by the Occupational Safety and Health Administration (OSHA), the EPA, the Colorado Department of Public Health and Environment (CDPHE), and the Denver County Health Department. All amples were collected and submitted to EMSL Analytical, Inc. in Denver, CO per APEC chain of custody protocol. The laboratory is a member of the National Voluntary Laboratory Accreditation Program (NVLAP) and is qualified to perform the required analysis (Appendix A). The analysis conducted was the EPA Interim Method for the Determination of Asbestos in Bulk Samples, using standard Polarized Light Microscopy (PLM) and dispersion staining as established in 40 CFR Part 763.

This inspection report and methodology complies with the CDPHE Asbestos Sampling and Report Requirements Memorandum dated February 28, 2018.

2.2 LEAD-BASED PAINT SURVEY

On April 26, 2018, APEC certified personnel Rick Ralston conducted the lead based paint (LBP) survey. The LBP survey was conducted to evaluate the absence and/or presence of LBP or lead-containing paint (LCP) that will be impacted during future demolition activities. The survey consisted of reviewing and inspecting the interior, exterior and roof system of the structure for suspect LBP or LCP. The testing method was the use of a heat gun and/or scraping a portion of the paint to the substrate (ma-terial under the paint). Proper chain of custody procedures were followed and samples were sent to EMSL Analytical, Inc. in Indianapolis, IN, via Fed Ex. The samples were analyzed by total lead (percent by weight) via Flame Atomic Absorption (FAA) by EPA Method 7420. EMSL is accredited under the American Industrial Hygiene Association's Environmental Lead Profi-ciency Analytical Testing program. LBP, according to the EPA, is defined as paint that contains lead in concentrations greater than 1.0 milligrams per square centimeter (mg/cm^2) as measured with an XRF or 5000 parts per million (ppm) when measured by weight, or 0.5 percent (%) by weight.

A total of 13 homogeneous paint color variations of suspect LBP areas were identified. One paint chip sample was collected from each suspect homogeneous area and submitted to the laboratory for analysis. Representative photographs of each known LBP were taken and are included in a photographic log (Appendix B), and the paint chip sample locations were recorded and are included in sample location drawing (Figure 3). Descriptions of the suspect homogeneous materials and a list of the collected samples can be viewed in the 'Findings' section.

Based on the analytical results for the 13 samples taken, a single Toxicity Characteristic Leachate Procedure (TCLP) sample was analyzed by collecting a representative sample (approximately 105 grams) of combined suspect building materials. Most landfills require analytical results before building materials can be disposed of. The sample results are presented in the 'Findings" section.

2.3 REGULATED BUILDING MATERIALS INVENTORY SURVEY

On April 26, 2018, APEC personnel conducted the RBM inventory consisting of inspecting the interior, exterior and roof system. The inspection was conducted to visually identify and quantify any building materials, devices and equipment suspected of containing potentially regulated materials as they pertain to the EPA Universal Waste Rule (UWR) requirements (40 CFR, Part 273). APECs inventory review consisted of the following: potential mercury-containing thermostats/switches; fluorescent light tubes and compact fluorescent bulbs; items potentially containing PCBs (generally ballasts found within the fluorescent light fixtures); tritium powered exit signs; smoke detectors potentially containing Americium-241; and Freon-containing refrigeration systems. The Summary of Suspected RBMs are for use by contractors conducting the removal of items from the property. Samples of suspect RBMs are not required for this type of survey, as all determinations are made by visual means.

3 Findings

3.1 ASBESTOS SURVEY

A total of 36 bulk samples, including 1 duplicate sample, were collected from 15 suspect homogenous materials throughout the structure. The results of the PLM analysis are presented in Table 3-1 and table 3-1A. The following samples were positive for ACMs (i.e. present greater than 1%):

Regulated Asbestos Containing Materials (RACM)

- 4639CLD-R9-1A, 4639CLD-R7-1B & 4639CLD-R6-1C – Rough Textured Plaster – Walls in rooms 6, 7, 8 & 9
- 4639CLD-R9-2A, 4639CLD-R5-2B & 4639CLD-R4-2C – Swirl Textured Plaster – Ceilings in rooms 4, 5, 6, 7 & 9
- 4639CLD-R5-3A, 4639CLD-R4-3B & 4639CLD-R4-3C – Textured Plaster – Walls in rooms 4 & 5
- 4639CLD-R11-4A, 4639CLD-R11-4B & 4639CLD-R10-4C – Textured Composite Board – Walls and ceilings in rooms 10 & 11

Nonregulated Asbestos Containing Materials

- 4639CLD-EX-12A & 4639CLD-EX-12B – Transite Siding – Exterior

Point Counts

Point count analysis occurs for samples with <1% of asbestos. Point count analysis was not performed due to the initial PLM analysis content exceeding 1%. The laboratory analytical report is included as Appendix C.

Duplicate Samples

For quality assurance purposes, duplicate samples are taken approximately every 20th sample. Duplicate samples are listed as a duplicate (Q) in the sample location column of Table 3-1 or Table 3-1A. One duplicate sample (9Q) was collected because a total of 36 samples were obtained requiring one duplicate.

3.2 LEAD-BASED PAINT SURVEY

A total of 13 homogeneous paint color variations were analyzed for the presence of LBPs and LCPs (Table 3-2; Figure 3). Under EPA 40 CFR Part 745, LBP is defined as any paint or surface coating that contains lead equal to or exceeding 0.5% (by weight), while LCP is defined as any paint or surface coating containing lead greater than or equal to 0.06% up to 0.5% (by weight). Caution should be taken during demolition to minimize cutting, abrading, or otherwise causing an air disturbance to this material and work must be completed in accordance with the OSHA Lead in Construction Standard (29 CFR 1926.62).

Six (4639-CLD-3L, 4639-CLD-4L, 4639-CLD-5LQ, 4639-CLD-6L, 4639-CLD-8L, 4639-CLD-10L) lead samples were found to be equal or greater than 0.06% by weight and less than 0.5% by weight and is considered LCP. Three (4639-CLD-2L, 4639-CLD-9L, 4639-CLD-11L) samples had lead concentrations greater than 0.5% by weight and is considered LBP (Table 3-2). The remaining 4 sample results were less than the LCP and LBP thresholds, and are considered non-lead containing paint (NLC). The laboratory analytical report is included in Appendix D.

3.2.1 TCLP LEAD ANALYTICAL RESULTS

Since multiple samples analyzed as a LCP and LBP, TCLP analysis of lead was performed. The TCLP analysis simulates the potential for the demolished building materials to leach lead if placed in the landfill and the results of the analysis determine if the demolished building materials will be considered hazardous waste (40 CFR Part 261). The Toxicity Characteristic (TC) maximum concentration is 5 milligrams per liter (mg/L). The results of the TCLP Lead analysis is 0.51, which is below the regulated limit and therefore not considered hazardous.

3.3 REGULATED BUILDING MATERIALS INVENTORY SURVEY

Several suspect RBMs were visually identified throughout the structure. RBMs that are a cause of concern, when discovered, are discussed below. A complete list of the RBMs is presented in Table 3-3, and selected locations of the RBMs are depicted in Figure 4.

4 Conclusions and Recommendations

4.1 ASBESTOS

Approximately 1,528 square feet of RACM was identified as surfacing material on the walls and ceilings in rooms 4, 5, 6, 7, 8, 9, 10 & 11. These materials will require abatement due to being rendered friable easily prior to demolition of the structures.

Approximately 1,000 square feet of transite siding was also confirmed to be an ACM. This material is a Category II Non-friable ACM, is not regulated, however, due to this material becoming friable during demolition, it will need to be abated.

No other ACM was identified throughout the structures; however, if additional suspect materials, not sampled during this investigation, are identified during demolition, they should either be assumed to be ACM or should be sampled prior to disturbance.

Prior to demolition activities, all friable and non-friable (that can or will be rendered friable) ACM that may be impacted during the demolition must be abated by a Colorado Certified Asbestos Abatement Contractor as required by NESHAP and the CDPHE – Air Pollution Control Division: Asbestos. The exception is Category I & II Non-Friable ACMs that can, with best management practices, remain during the activities and remain non-friable, i.e. not able to be reduced to a dust. Activities such as grinding, excessive munching of materials, sawing, jack-hammering, etc. are strictly prohibited.

According to AHERA, EPA, and the CDPHE, materials testing at less than (<) or equal to 1% asbestos fibers are not considered to be an asbestos containing material (ACM). However, any materials containing asbestos still need to be regulated. OSHA protocol must be followed when handling materials containing ANY amount of asbestos. Proper personal protective equipment (PPE) and engineering controls must be utilized if these materials will be impacted during demolition activities.

4.2 LEAD-BASED PAINT

Lead was detected at concentrations above the LCP threshold in 6 of the 13 samples, and above the LBP threshold in 3 of the 13 samples. The remaining 4 samples are considered NLC. Although LCP/LBP was identified in the samples analyzed, the TC limit of 5 mg/L was not exceeded in the TCLP lead analysis and the waste stream generated from the demolition will be considered solid waste. No lead abatement is required prior to demolition.

While the TCLP results indicate that the waste stream is not characteristically hazardous with respect to lead content, LCP and LBP are still present in the building materials. Therefore, the contractor responsible for demolition of this structure is notified with receipt of this report of the presence or potential presence of LCP and/or LBP in the building materials that comprise the building. The contractor should also notify their employees of the presence of LCP or LBP prior to any disturbance and make the OSHA publication number 3142-12R 2004 available to their workers. (“Lead in Construction”, http://www.osha .gov /Publications/osha 3142.pdf). The standards address topics such as permissible exposure limits (PELs) for workers, exposure assessment, protection of employees during assessment of exposure, employee notification, PPE, medical surveillance, along with other topics related to working with LCP and LBP.

4.3 REGULATED BUILDING MATERIALS

Materials found during the regulated materials inventory within the building may require special handling or disposal prior to demolition activities. If abatement is needed, APEC recommends that the asbestos contractor or general contractor selected by the client properly dispose of these regulated materials, per applicable regulations.

With regards to RBMs, if listed below in table 3-3, it is likely that the ballasts in the fluorescent light fixtures do contain PCBs. Where a manufactures' label is present indicating "no PCBs", the ballast can be disposed of with recyclable metal or with other municipal waste. During removal for disposal as part of the demolition activities, each ballast should be visually inspected for the manufacture's label indicating "no PCBs". If the label does not have this notation, the ballast should be considered PCB-containing and should be disposed of as a hazardous waste in accordance with local, state, and federal regulatory guidelines. Refrigerators and air conditioning units contain freon. This will need to be reclaimed or taken to a facility capable of this activity. Mercury containing thermostats will need to be disposed of at a facility certified to take this type of material. The contractor should also carefully remove all associated fluorescent light tubes and compact fluorescent lights and recycle or dispose of these materials according to applicable regulations.

This inspection was primarily relevant to the Federal UWR requirements under 40 CFR 273. It should be noted that contractors submitting bids for removal of the RBMs should verify quantities, conditions, and locations of all RBMs prior to bid submittals and initiating demolition activities**.** The contractor is also responsible for proper recycling and/or disposal of the RBMs, and should follow all federal, state and local regulations when handling these materials.

5 Limitations

This Structure Survey Assessment Report was prepared by All-Phase Environmental Consultants, Inc., at the request of and for the sole benefit of Kiewit Meridiam Partners, or any entity controlling, controlled by, or under common control with Colorado Department of Transportation. APECs certified inspectors used reasonable diligence and professional judgement to identify all suspect asbestos-containing materials, lead based paint, and regulated building materials in the property. APEC will not be held liable for property damage or any loss of property value due to the inspection. This report is not an abatement plan and is intended to be informational only; APEC will not be held responsible for the mishandling of the information contained herein.

APEC utilized destructive inspection methods in performing this survey, however accessibility may have been a limiting condition. If additional impacted suspect materials are discovered during related work for which there are no sample documentation/results, APEC recommends pursuing one of the following alternatives: Sample and analyze the discovered suspect material(s) to determine whether it contains asbestos, lead or other regulated materials; or assume the material(s) to be containing, quantify and remove on a unit cost basis.

Notwithstanding any provision to the contrary, the total liability of “All Phase Environmental Consultants, Inc.”, and its employees, officers or directors be liable in contract, tort, strict liability warranty or otherwise, for any special, incidental or consequential damages, such as but not limited to, delay, disruption, loss of product, loss of anticipated profits or revenue, damages, cost, and expenses, including attorney’s fees, shall not exceed the aggregate amount paid to All Phase Environmental Consultants, Inc. under this Agreement regardless of the legal theory under which such liability is imposed.

Tables

Table 3-1A Asbestos Containing Samples

Table 3-1B Non-Asbestos Containing Samples

Table 3-2 Summary of Paint Chip Laboratory Analysis for Lead

Table 3-3 Summary of Regulated Building Materials

Table 3-1A Asbestos Containing Samples

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
4639CLD-R9-1A	Room 9	Texture <1% Chrysotile	PLM	Good	White Rough Textured Plaster	Walls of Rooms 6, 7 & 9	RACM	648
4639CLD-R7-1B	Room 7	Texture 2% Chrysotile	PLM	Good				
4639CLD-R6-1C	Room 6	Texture 3% Chrysotile	PLM	Good				
4639CLD-R9-2A	Room 9	Texture 2% Chrysotile	PLM	Good	Tan Swirl Textured Plaster	Ceilings of Rooms 4, 5, 6, 7 & 9	RACM	380
4639CLD-R5-2B	Room 5	Texture 2% Chrysotile	PLM	Good				
4639CLD-R4-2C	Room 4	Texture 3% Chrysotile	PLM	Good				
4639CLD-R5-3A	Room 5	Texture 3% Chrysotile	PLM	Good	Textured Plaster	Walls of Rooms 4 & 5	RACM	329
4639CLD-R4-3B	Room 4	Texture 2% Chrysotile	PLM	Good				
4639CLD-R4-3C	Room 4	Texture 3% Chrysotile	PLM	Good				
4639CLD-R11-4A	Room 11	Texture 2% Chrysotile	PLM	Good	Textured Composite Board	Walls and Ceilings of Rooms 10 & 11	RACM	171
4639CLD-R11-4B	Room 11	Texture 3% Chrysotile	PLM	Good				
4639CLD-R10-4C	Room 10	Texture 3% Chrysotile	PLM	Good				
4639CLD-EX-12A	Exterior	Transite 15% Chrysotile	PLM	Good	Transite Siding	Exterior	Cat II	1000
4639CLD-EX-12B	Exterior	Transite 15% Chrysotile	PLM	Good				

ND=Non-Detect
PLM=Polarized Light Microscopy
NA=Not Applicable
RACM=Regulated Asbestos Containing Materials

Table 3-1B Non-Asbestos Containing Samples

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
4639CLD-R11-5A	ROOM 11	ND	PLM	Good	PLAIN DRYWALL	WALLS OF ROOMS 1,2,3,10&11	NA
4639CLD-R3-5B	ROOM 3	ND	PLM	Good			NA
4639CLD-R3-6A	ROOM 3	ND	PLM	Good	WALLPAPER MASTIC	WALLS AND CEILING OF ROOM 3	NA
4639CLD-R3-6B		ND	PLM	Good			NA
4639CLD-R3-7A	ROOM 3	ND	PLM	Good	SHEET FLOORING	FLOORS OF ROOMS 3 & 6	NA
4639CLD-R6-7B	ROOM 6	ND	PLM	Good			NA
4639CLD-R4-8A	ROOM 4	ND	PLM	Good	FLOOR TILE MASTIC	FLOOR OF ROOM 4	NA
4639CLD-R4-8B		ND	PLM	Good			NA
4639CLD-CL-9Q	CELLAR	ND	PLM	Good	DUCT TAPE	DUCTWORK IN CELLAR	NA
4639CLD-CL-9A		ND	PLM	Good			NA
4639CLD-CL-9B		ND	PLM	Good			NA
4639CLD-CL-10A	CELLAR	ND	PLM	Good	CELLAR WALL PATCH	CELLAR WALLS	NA
4639CLD-CL-10B		ND	PLM	Good			NA
4639CLD-CL-10C		ND	PLM	Good			NA
4639CLD-R3-11A	ROOM 3	ND	PLM	Good	WINDOW GLAZING	WINDOWS	NA
4639CLD-R6-11B	ROOM 6	ND	PLM	Good			NA
4636CLD-EX-13A	EXTERIOR	ND	PLM	Good	VAPOR BARRIER	EXTERIOR	NA
4636CLD-EX-13B		ND	PLM	Good			NA
4636CLD-EX-14A	ATTIC	ND	PLM	Good	INSULATION	ATTIC	NA
4636CLD-EX-14B		ND	PLM	Good			NA
4636CLD-EX-15A	EXTERIOR	ND	PLM	Good	ROOFING	EXTERIOR	NA
4636CLD-EX-15B		ND	PLM	Good			NA

ND=Non-Detect
PLM=Polarized Light Microscopy
NA=Not Applicable

Table 3-2 Summary of Paint Chip Analysis for Lead

Sample Number	Sample Location	Lead Concentration (% wt.)	Component	Paint Description	Classification
4639-CLD-1L	Door Frame Rm3	0.044	Wood	Peach	NLC
4639-CLD-2L	**Porch**	**4.30**	**Wood**	**White**	**LBP**
4639-CLD-3L	**Room 5**	**0.17**	**Plaster**	**Pink/Orange**	**LCP**
4639-CLD-4L	**Room 8**	**0.11**	**Plaster**	**Brown**	**LCP**
4639-CLD-5LQ	**Room 8**	**0.120**	**Plaster**	**Brown**	**LCP**
4639-CLD-6L	**Room 6**	**0.140**	**Plaster**	**Tan**	**LCP**
4639-CLD-7L	Room 9	<0.010	Plaster	Fawn	NLC
4639-CLD-8L	**Room 9**	**0.16**	**Plaster**	**Green**	**LCP**
4639-CLD-9L	**Room 11**	**14.0**	**Wood**	**Gray**	**LBP**
4639-CLD-10L	**Exterior**	**0.06**	**Metal**	**White**	**LCP**
4639-CLD-11L	**Exterior**	**5.3**	**Wood**	**White**	**LBP**
4639-CLD-12L	Room 4	0.01	Drywall	Blue	NLC
4639-CLD-13L	Exterior-Foundation	0.015	Concrete	Gray	NLC

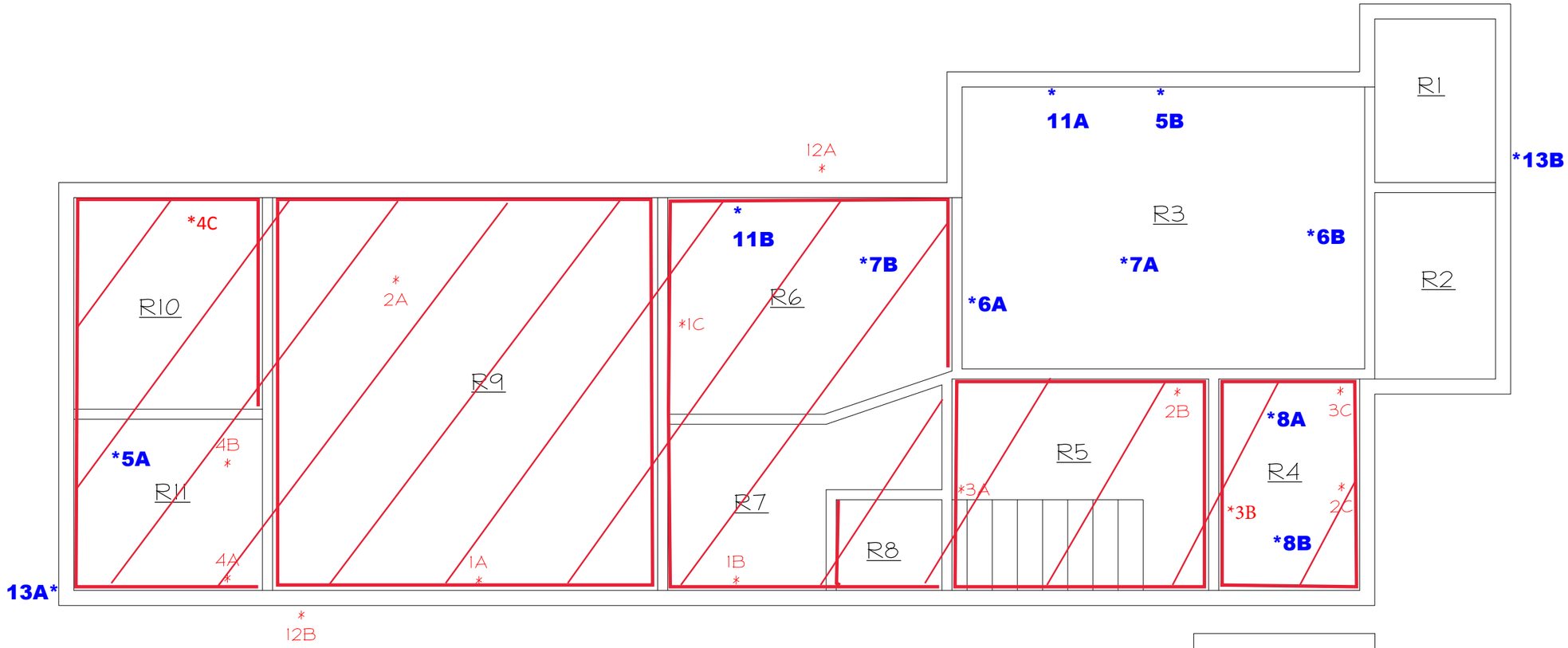
Table 3-3 Summary of Regulated Building Materials

Room	Material	Location	Quantity Fixture/Bulbs each
Cellar	Furnace	Basement	1
Room 1	Water Heater	Corner of Closet	1
Room 3	Refrigerator	Middle of Room	1
Exterior	Gas Main	NE corner of house Outside	1
Exterior	Electrial Breaker Box	NW corner of house Outside	1
Room 7	MercuryThermostat	North Wall	1
Exterior	Electrial Meter	NW corner of house Outside	1

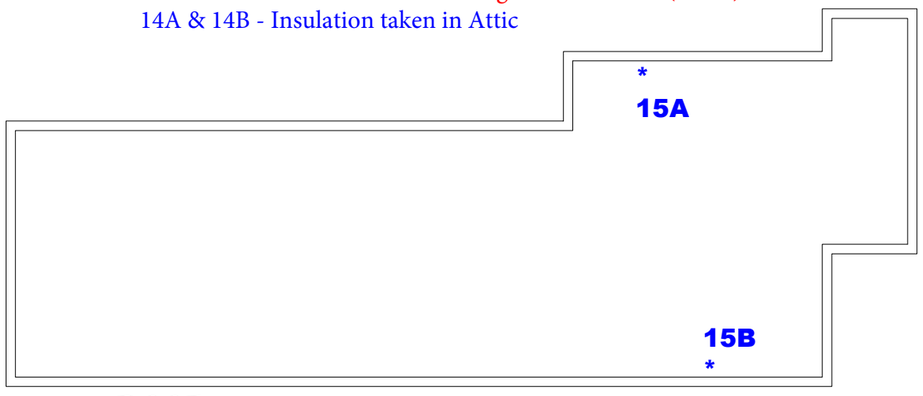
Figures

Figure 1	Site Location
Figure 2	Asbestos Bulk Sample Locations
Figure 3	Lead-Based Paint Sample Locations
Figure 4	Regulated Building Materials

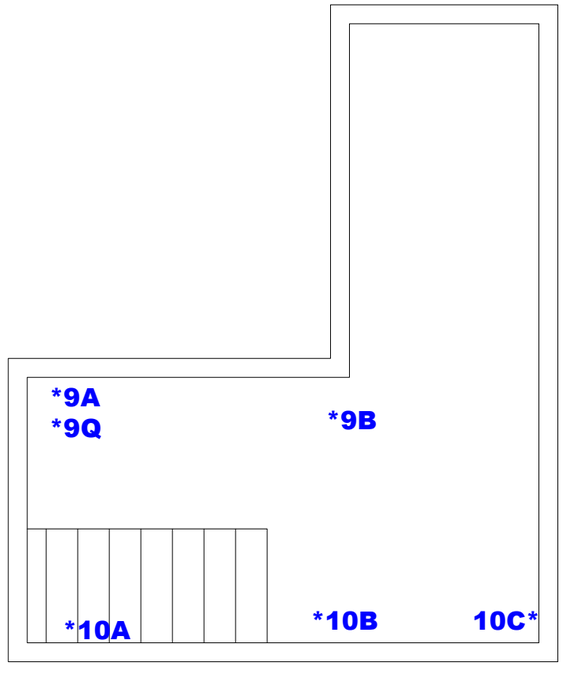
FIGURE 1
AP-34



12A & 12B - Positive Transite siding-entire exterior (ACM)
14A & 14B - Insulation taken in Attic



ROOF
1/8"=1'-0"



CELLAR

R1 = Room Numbers

4B = Asbestos Samples (Detect)

4B = Asbestos Samples (Non-Detect)

= Walls and Ceilings - Positive Surfacing Material (ACM)

N

DR BY: R.A.

APPROVED: B.N.E.

SCALE: 1/4" =1'-0"

FIGURE 2 - Asbestos Bulk Sample Locations

CENTRAL 70 - Structure Survey Assessment Map

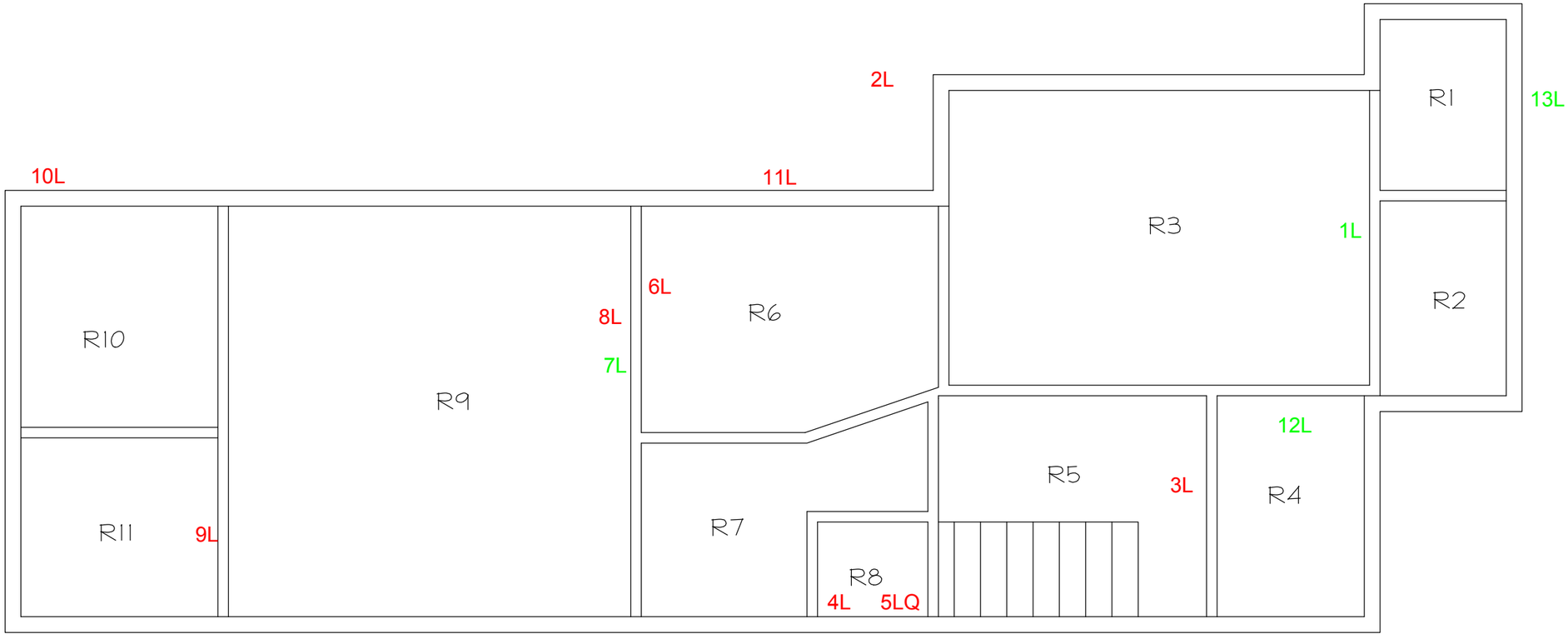
AP-34

4639 Claude Ct., Denver, CO

April 26, 2018

APEC NUMBER: 18-3066

ALL-PHASE
ENVIRONMENTAL CONSULTANTS, INC.
721 W 9TH STREET
Pueblo, CO 81003 Ph: (719) 545-0375

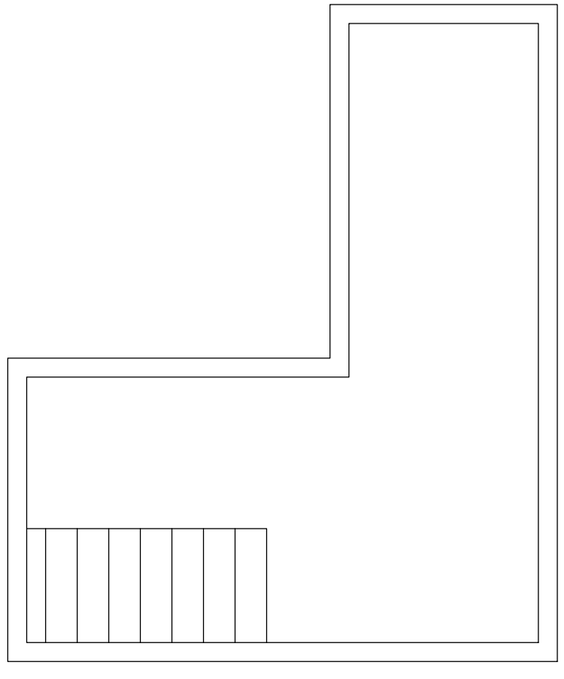


R1 = Room Numbers

4 = Lead Base Paint (Detect)

4 = Lead Containing Paint (Detect)

4 = Lead Base Paint (Non-Detect)



CELLAR

N

DR BY: R.A.

APPROVED: B.N.E.

SCALE: 1/4" =1'-0"

FIGURE 3 - Lead-Based Paint Sample Locations

CENTRAL 70 - Structure Survey Assessment Map

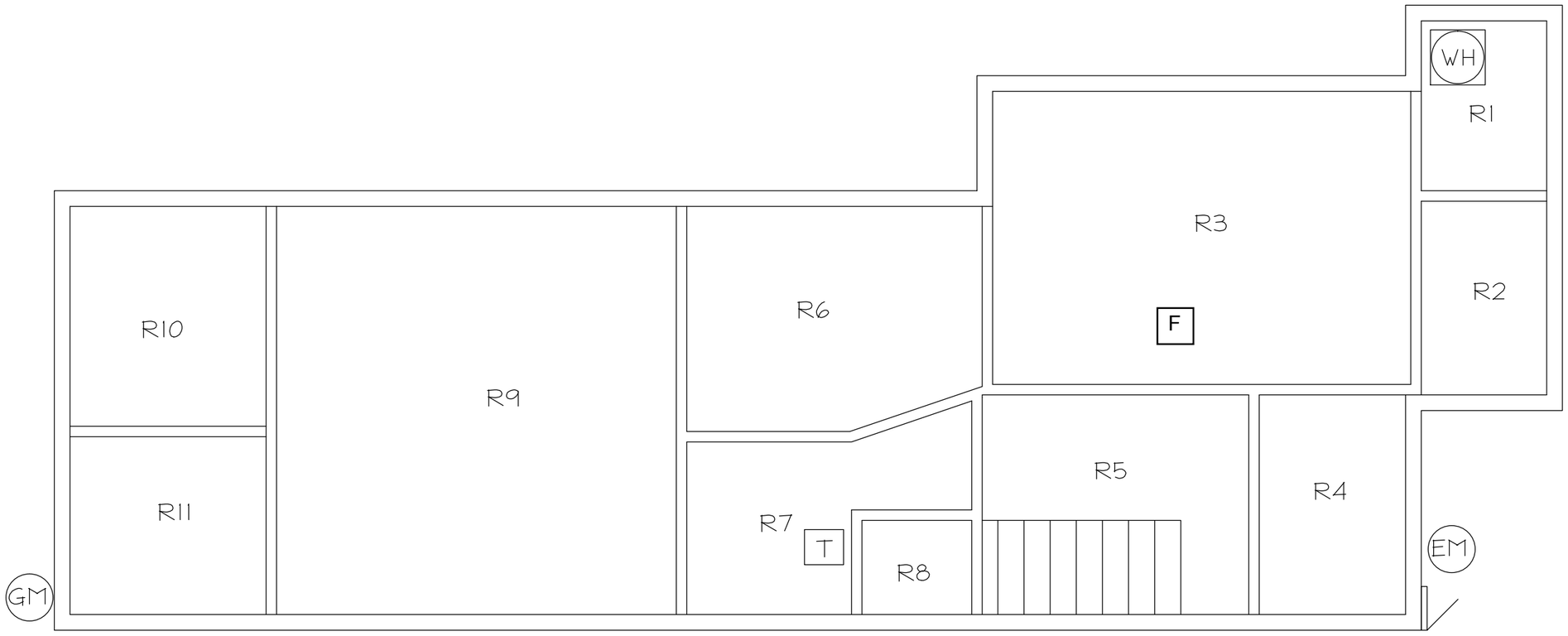
AP-34

4639 Claude Ct., Denver, CO

April 18, 2018

APEC NUMBER: 18-3066

ALL–PHASE
ENVIRONMENTAL CONSULTANTS, INC.
721 W 9TH STREET
Pueblo, CO 81003 Ph: (719) 545–0375



R1 = Room Numbers

EM = Electrical Meter

GM = Gas Meter

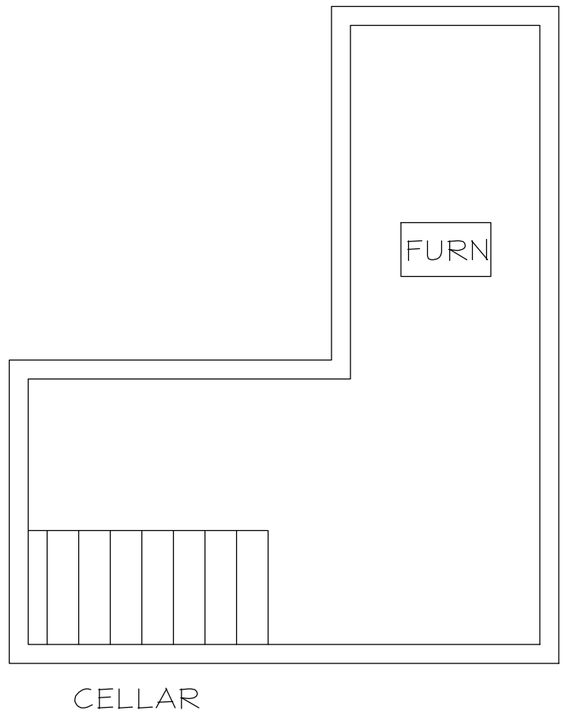
= Breaker Panel

T = Thermostat

FURN = Furnace

WH = Water Heater

F = Refrigerator



N

DR BY: R.A.

APPROVED: B.N.E.

SCALE: 1/4" =1'-0"

FIGURE 4 - Regulated Building Materials

CENTRAL 70 - Structure Survey Assessment Map

AP-34

4639 Claude Ct., Denver, CO

April 18, 2018

APEC NUMBER: 18-3066

ALL-PHASE
ENVIRONMENTAL CONSULTANTS, INC.
721 W 9TH STREET
Pueblo, CO 81003 Ph: (719) 545-0375

A ASBESTOS AND LEAD CERTIFICATIONS

Colorado Department
of Public Health
and Environment

ASBESTOS CERTIFICATION*

This certifies that

Logan Greenfield

Certification No.: 20715

has met the requirements of 25-7-507, C.R.S. and Air Quality Control Commission Regulation No. 8, Part B, and is hereby certified by the state of Colorado in the following discipline:

Building Inspector*

Issued: **October 18, 2017**

Expires: **October 18, 2018**

**** This certificate is valid only with the possession of a current Division-approved training course certification in the discipline specified above.***

Authorized APCD Representative

SEAL

CHC TRAINING

1775 West 55th Avenue
Denver, CO 80221
303.410.4941
trainingchc.com

Certifies that

Logan Greenfield

20715

Has Successfully Completed the EPA- Approved Annual Asbestos Refresher Training Course Under Section 206 of the Toxic Substance Control Act (TSCA), Title II.

BUILDING INSPECTOR

Course Date: September 20, 2017
Certificate No.: R17-1661-AI-CO
No. of Hours: 4
Expiration Date: September 20, 2018

Certification not valid without watermark

Frank Hulce - Instructor

Danaya Benedetto- Training Program Manager

Colorado Department
of Public Health
and Environment

LEAD-BASED PAINT CERTIFICATION*

This certifies that

Richard L. Ralston

Certification No.: 9130

has met the requirements of 25-7-1104, C.R.S. and Air Quality Control Commission Regulation No. 19, and is hereby certified by the state of Colorado in the following discipline:

Risk Assessor*

Issued: **February 10, 2017**

Expires: **February 10, 2019**

** This certificate is valid only with the possession of a valid lead-based paint training certificate in the discipline specified above, issued by either a Colorado approved training provider, an EPA approved training provider, or a training provider approved by another EPA authorized program.*

Authorized APCD Representative

SEAL

CHC TRAINING

1775 West 55th Avenue
Denver, CO 80221
303.410.4941
trainingchc.com

Certifies that

Richard Ralston

Has successfully completed the required training hours and passed the examination required by the Colorado Department of Public Health and Environment for:

Lead-Based Paint Risk Assessor Refresher

For the purposes of accreditation under the Colorado Department of Public Health and Environment Regulation No. 19 and other standard developed by EPA pursuant to Title IV of TSCA

Course Date: April 6, 2016
Certificate No.: R16-031-LRA-CO
No. of Hours: 8
Expiration Date: April 6, 2019

Certification not valid without watermark

Luis E. Peon

Luis Peon - Instructor

Danaya Benedetto

Danaya Benedetto - Training Program Manager

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200828-0

EMSL Analytical, Inc.

Denver, CO

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2018-04-01 through 2019-03-31

Effective Dates

For the National Voluntary Laboratory Accreditation Program

NVLAP® National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL Analytical, Inc.
1010 Yuma Street
Denver, CO 80204
Ms. Amanda Lang
Phone: 303-740-5700
Email: alang@emsl.com
http://www.emsl.com

ASBESTOS FIBER ANALYSIS — NVLAP LAB CODE 200828-0

Bulk Asbestos Analysis

Code	*Description*
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

Code	*Description*
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

6340 Castleplace Drive, Indianapolis, IN 46250

Laboratory ID: 157245

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

LABORATORY ACCREDITATION PROGRAMS

✓	**INDUSTRIAL HYGIENE**	Accreditation Expires: June 01, 2019
✓	**ENVIRONMENTAL LEAD**	Accreditation Expires: June 01, 2019
✓	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires: June 01, 2019
☐	**FOOD**	Accreditation Expires:
☐	**UNIQUE SCOPES**	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

William Walsh, CIH
Chairperson, Analytical Accreditation Board

Cheryl O. Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision 15: 03/30/2016

Date Issued: 05/31/2017

AIHA Laboratory Accreditation Programs, LLC
SCOPE OF ACCREDITATION

EMSL Analytical, Inc.
6340 Castleplace Drive, Indianapolis, IN 46250

Laboratory ID: **157245**
Issue Date: 05/31/2017

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

The EPA recognizes the AIHA-LAP, LLC ELLAP program as meeting the requirements of the National Lead Laboratory Accreditation Program (NLLAP) established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air and composited wipes analyses are not included as part of the NLLAP.

Environmental Lead Laboratory Accreditation Program (ELLAP)

Initial Accreditation Date: 09/01/2002

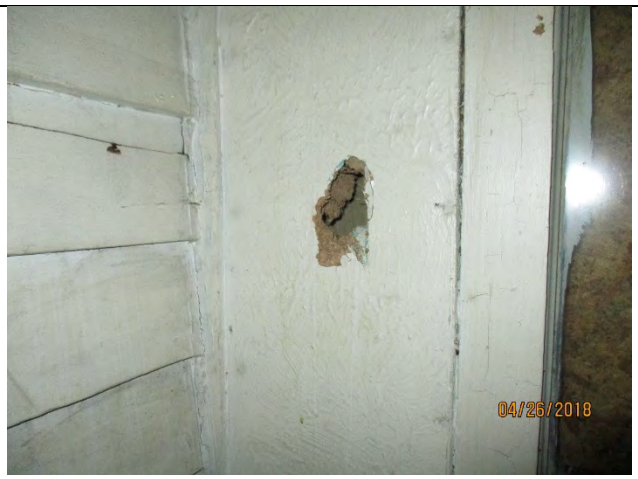
Field of Testing (FoT)	Technology sub-type/ Detector	Method	Method Description (*for internal methods only*)
Paint		EPA SW-846 3050B	
		EPA SW-846 3051A	
		EPA SW-846 7000B	
Soil		EPA SW-846 3050B	
		EPA SW-846 3051A	
		EPA SW-846 7000B	
Settled Dust by Wipe		EPA SW-846 3050B	
		EPA SW-846 3051A	
		EPA SW-846 7000B	
Airborne Dust		NIOSH 7082	

A complete listing of currently accredited Environmental Lead laboratories is available on the AIHA-LAP, LLC website at: http://www.aihaaccreditedlabs.org

B

POSITIVE ASBESTOS & LEAD SAMPLE MATERIAL PHOTOGRAPHS

 Rough Textured Plaster	Samples Represented – 4639CLD-R9-1A 4639CLD-R7-1B 4639CLD-R6-1C
 Swirl Textured Plaster	Samples Represented – 4639CLD-R9-2A 4639CLD-R5-2B 4639CLD-R4-2C
 Textured Plaster	Samples Represented – 4639CLD-R5-3A 4639CLD-R4-3B 4639CLD-R4-3C

 Textured Composite Board	Samples Represented – 4639CLD-R11-4A 4639CLD-R11-4B 4639CLD-R10-4C
 Transite Siding	Samples Represented – 4639CLD-EX-12A 4639CLD-EX-12B
 White Paint – LBP	Sample Represented – 4639-CLD-2L

 Pink/Orange – LCP	Sample Represented – 4639-CLD-3L
 Brown – LCP	Samples Represented – 4639-CLD-4L 4639-CLD-5LQ
 Tan - LCP	Sample Represented – 4639-CLD-6L

 Green (bottom) – LCP	Sample Represented – 4639-CLD-8L
 Gray (trim) - LBP	Sample Represented – 4639-CLD-9L
 White – LCP	Sample Represented – 4639-CLD-10L

 White – LBP	Sample Represented – 4639-CLD-11L

C

LABORATORY RESULTS & CHAIN OF CUSTODY - ASBESTOS

EMSL Analytical, Inc.
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http://www.EMSL.com / denverlab@emsl.com

EMSL Order: 221802873
Customer ID: ALLP62
Customer PO:
Project ID: CDOT

Attention: Logan Greenfield
All-Phase Environmental Consultants, Inc
721 West 9th Street
Pueblo, CO 81003

Project: 18-3066-C70-4639 CLD (CDOT)

Phone: (719) 250-0036
Fax: (719) 542-2807
Received Date: 04/27/2018 10:00 AM
Analysis Date: 05/01/2018
Collected Date: 04/26/2018

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
4639CLD-R9-1A-Texture *221802873-0001*	Rough Textured Plaster	White Non-Fibrous Heterogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	**<1% Chrysotile**
4639CLD-R9-1A-Plaster *221802873-0001A*	Rough Textured Plaster	Tan/Beige Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	**None Detected**
4639CLD-R7-1B-Texture *221802873-0002*	Rough Textured Plaster	Tan/Beige Non-Fibrous Heterogeneous		5% Ca Carbonate 93% Non-fibrous (Other)	**2% Chrysotile**
4639CLD-R7-1B-Plaster *221802873-0002A*	Rough Textured Plaster	Gray Fibrous Homogeneous	2% Hair	5% Ca Carbonate 93% Non-fibrous (Other)	**None Detected**
4639CLD-R6-1C-Texture *221802873-0003*	Rough Textured Plaster	White/Pink Fibrous Heterogeneous		20% Ca Carbonate 77% Non-fibrous (Other)	**3% Chrysotile**
			Inseparable paint / coating layer included in analysis		
4639CLD-R6-1C-Skim Coat *221802873-0003A*	Rough Textured Plaster	White Non-Fibrous Heterogeneous		30% Gypsum 70% Non-fibrous (Other)	**None Detected**
			Inseparable paint / coating layer included in analysis		
4639CLD-R6-1C-Plaster *221802873-0003B*	Rough Textured Plaster	Beige Non-Fibrous Homogeneous		30% Gypsum 70% Non-fibrous (Other)	**None Detected**
4639CLD-R9-2A-Texture *221802873-0004*	Swirl Textured Plaster	Tan/Beige Non-Fibrous Heterogeneous		10% Ca Carbonate 88% Non-fibrous (Other)	**2% Chrysotile**
			Inseparable paint / coating layer included in analysis		
4639CLD-R9-2A-Plaster *221802873-0004A*	Swirl Textured Plaster	White/Beige Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	**None Detected**

Initial report from: 05/01/2018 15:53:17

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Pueblo, CO 81003

Project: 18-3066-C70-4639 CLD (CDOT)

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
4639CLD-R5-2B-Texture *221802873-0005*	Swirl Textured Plaster	Beige Non-Fibrous Heterogeneous		15% Ca Carbonate 83% Non-fibrous (Other)	**2% Chrysotile**
		Inseparable paint / coating layer included in analysis			
4639CLD-R5-2B-Skim Coat *221802873-0005A*	Swirl Textured Plaster	White Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	**None Detected**
4639CLD-R5-2B-Plaster *221802873-0005B*	Swirl Textured Plaster	Beige Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	**None Detected**
4639CLD-R4-2C-Texture *221802873-0006*	Swirl Textured Plaster	White Fibrous Heterogeneous		20% Ca Carbonate 77% Non-fibrous (Other)	**3% Chrysotile**
4639CLD-R4-2C-Plaster *221802873-0006A*	Swirl Textured Plaster	Gray Fibrous Homogeneous		100% Non-fibrous (Other)	**<1% Chrysotile**
4639CLD-R5-3A-Texture *221802873-0007*	Textured Plaster	Red/Beige Non-Fibrous Heterogeneous		10% Ca Carbonate 87% Non-fibrous (Other)	**3% Chrysotile**
		Inseparable paint / coating layer included in analysis			
4639CLD-R5-3A-Skim Coat *221802873-0007A*	Textured Plaster	White Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	**None Detected**
4639CLD-R5-3A-Plaster *221802873-0007B*	Textured Plaster	Beige Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	**None Detected**
4639CLD-R4-3B-Texture *221802873-0008*	Textured Plaster	Red/Beige Non-Fibrous Heterogeneous		15% Ca Carbonate 83% Non-fibrous (Other)	**2% Chrysotile**
		Inseparable paint / coating layer included in analysis			

Initial report from: 05/01/2018 15:53:17

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Collected Date: 04/26/2018

Project: 18-3066-C70-4639 CLD (CDOT)

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
4639CLD-R4-3B-Skim Coat *221802873-0008A*	Textured Plaster	Beige Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	**None Detected**
4639CLD-R4-3B-Plaster *221802873-0008B*	Textured Plaster	Gray Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	**None Detected**
4639CLD-R4-3C-Texture *221802873-0009*	Textured Plaster	White/Red Fibrous Heterogeneous		20% Ca Carbonate 77% Non-fibrous (Other)	**3% Chrysotile**
			Inseparable paint / coating layer included in analysis		
4639CLD-R4-3C-Skim Coat *221802873-0009A*	Textured Plaster	White Non-Fibrous Homogeneous		5% Ca Carbonate 20% Gypsum 75% Non-fibrous (Other)	**None Detected**
4639CLD-R4-3C-Plaster *221802873-0009B*	Textured Plaster	Gray Fibrous Homogeneous	<1% Hair	5% Ca Carbonate 15% Gypsum 80% Non-fibrous (Other)	**None Detected**
4639CLD-R11-4A-Texture *221802873-0010*	Textured Composite Board	Tan/Beige Fibrous Homogeneous		98% Non-fibrous (Other)	**2% Chrysotile**
4639CLD-R11-4A-Composite Board *221802873-0010A*	Textured Composite Board	Tan Non-Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	**None Detected**
4639CLD-R11-4B-Texture *221802873-0011*	Textured Composite Board	Tan/Beige Non-Fibrous Homogeneous		15% Ca Carbonate 82% Non-fibrous (Other)	**3% Chrysotile**
			Inseparable paint / coating layer included in analysis		
4639CLD-R11-4B-Composite Board *221802873-0011A*	Textured Composite Board	Tan Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	**None Detected**

Initial report from: 05/01/2018 15:53:17

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
4639CLD-R10-4C-Texture *221802873-0012*	Textured Composite Board	White Fibrous Heterogeneous		20% Ca Carbonate 77% Non-fibrous (Other)	**3% Chrysotile**
			Inseparable paint / coating layer included in analysis		
4639CLD-R10-4C-Composite Board *221802873-0012A*	Textured Composite Board	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	**None Detected**
4639CLD-R11-5A-Drywall *221802873-0013*	Plain Drywall	White Fibrous Homogeneous	15% Cellulose	70% Gypsum 15% Non-fibrous (Other)	**None Detected**
4639CLD-R3-5B *221802873-0014*	Plain Drywall	Brown/White Fibrous Heterogeneous	15% Cellulose	65% Gypsum 20% Non-fibrous (Other)	**None Detected**
			Inseparable paint / coating layer included in analysis		
4639CLD-R3-6A-Wallpaper *221802873-0015*	Wallpaper/Mastic	Brown/White Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	**None Detected**
4639CLD-R3-6A-Mastic *221802873-0015A*	Wallpaper/Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**None Detected**
4639CLD-R3-6B-Wallpaper *221802873-0016*	Wallpaper/Mastic	Tan/White Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	**None Detected**
			Result includes a small amount of inseparable attached mastic material		
4639CLD-R3-7A-Mastic 1 *221802873-0017*	Sheet Flooring	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**None Detected**
4639CLD-R3-7A-Flooring *221802873-0017A*	Sheet Flooring	Beige Fibrous Homogeneous	15% Cellulose	30% Ca Carbonate 55% Non-fibrous (Other)	**None Detected**

Initial report from: 05/01/2018 15:53:17

EMSL Analytical, Inc.
1010 Yuma Street Denver, CO 80204
Tel/Fax: (303) 740-5700 / (303) 741-1400
http://www.EMSL.com / denverlab@emsl.com

EMSL Order: 221802873
Customer ID: ALLP62
Customer PO:
Project ID: CDOT

Attention: Logan Greenfield
All-Phase Environmental Consultants, Inc
721 West 9th Street
Pueblo, CO 81003

Phone: (719) 250-0036
Fax: (719) 542-2807
Received Date: 04/27/2018 10:00 AM
Analysis Date: 05/01/2018
Collected Date: 04/26/2018

Project: 18-3066-C70-4639 CLD (CDOT)

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
4639CLD-R3-7A-Tar Felt 1 *221802873-0017B*	Sheet Flooring	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	**None Detected**
4639CLD-R3-7A-Mastic 2 *221802873-0017C*	Sheet Flooring	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**None Detected**
4639CLD-R3-7A-Tar Felt 2 *221802873-0017D*	Sheet Flooring	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	**None Detected**
4639CLD-R3-7A-Mastic 3 *221802873-0017E*	Sheet Flooring	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**None Detected**
4639CLD-R3-7A-Tar Felt 3 *221802873-0017F*	Sheet Flooring	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	**None Detected**
4639CLD-R3-7A-Mastic 4 *221802873-0017G*	Sheet Flooring	Brown/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**None Detected**
4639CLD-R6-7B-Flooring *221802873-0018*	Sheet Flooring	Tan/Black Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (Other)	**None Detected**
4639CLD-R6-7B-Mastic 1 *221802873-0018A*	Sheet Flooring	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**None Detected**
4639CLD-R6-7B-Tar Felt *221802873-0018B*	Sheet Flooring	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	**None Detected**
4639CLD-R6-7B-Mastic 2 *221802873-0018C*	Sheet Flooring	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**None Detected**

Samples analyzed by EMSL Analytical, Inc. Denver, CO NVLAP Lab Code 200828-0

Initial report from: 05/01/2018 15:53:17

EMSL Analytical, Inc.
1010 Yuma Street Denver, CO 80204
Tel/Fax: (303) 740-5700 / (303) 741-1400
http://www.EMSL.com / denverlab@emsl.com

EMSL Order: 221802873
Customer ID: ALLP62
Customer PO:
Project ID: CDOT

Attention: Logan Greenfield
All-Phase Environmental Consultants, Inc
721 West 9th Street
Pueblo, CO 81003

Project: 18-3066-C70-4639 CLD (CDOT)

Phone: (719) 250-0036
Fax: (719) 542-2807
Received Date: 04/27/2018 10:00 AM
Analysis Date: 05/01/2018
Collected Date: 04/26/2018

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
4639CLD-R4-8A-Floor Tile *221802873-0019*	Floor Tile/Mastic	Tan/White Non-Fibrous Homogeneous		35% Ca Carbonate 65% Non-fibrous (Other)	**None Detected**
4639CLD-R4-8A-Mastic *221802873-0019A*	Floor Tile/Mastic	Brown/Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**None Detected**
4639CLD-R4-8B-Floor Tile *221802873-0020*	Floor Tile/Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**None Detected**
4639CLD-R4-8B-Mastic *221802873-0020A*	Floor Tile/Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**None Detected**
4639CLD-CL-9Q *221802873-0021*	Duct Tape (Seam)	Gray/Tan Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (Other)	**None Detected**
4639CLD-CL-9A-Sealant *221802873-0022*	Duct Tape (Seam)	Gray Non-Fibrous Homogeneous		25% Ca Carbonate 75% Non-fibrous (Other)	**None Detected**
4639CLD-CL-9A-Tape *221802873-0022A*	Duct Tape (Seam)	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	**None Detected**
4639CLD-CL-9A-Mastic *221802873-0022B*	Duct Tape (Seam)	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**None Detected**
4639CLD-CL-9B *221802873-0023*	Duct Tape (Seam)	Gray/Tan Fibrous Heterogeneous	45% Cellulose	55% Non-fibrous (Other)	**None Detected**
4639CLD-CL-10A-Coating *221802873-0024*	Cellar Wall Patch	Gray Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	**None Detected**

Initial report from: 05/01/2018 15:53:17

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EMSL Order: 221802873
Customer ID: ALLP62
Customer PO:
Project ID: CDOT

Attention: Logan Greenfield
All-Phase Environmental Consultants, Inc
721 West 9th Street
Pueblo, CO 81003

Phone: (719) 250-0036
Fax: (719) 542-2807
Received Date: 04/27/2018 10:00 AM
Analysis Date: 05/01/2018
Collected Date: 04/26/2018

Project: 18-3066-C70-4639 CLD (CDOT)

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
4639CLD-CL-10A-Plaster *221802873-0024A*	Cellar Wall Patch	Tan/White Non-Fibrous Homogeneous		5% Ca Carbonate 10% Gypsum 85% Non-fibrous (Other)	**None Detected**
4639CLD-CL-10B-Coating *221802873-0025*	Cellar Wall Patch	Gray Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	**None Detected**
4639CLD-CL-10B-Plaster *221802873-0025A*	Cellar Wall Patch	Tan/White Fibrous Homogeneous	<1% Hair	5% Ca Carbonate 15% Gypsum 80% Non-fibrous (Other)	**None Detected**
4639CLD-CL-10C-Plaster *221802873-0026*	Cellar Wall Patch	Tan Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	**None Detected**
4639CLD-R3-11A *221802873-0027*	Window Glazing	Beige Non-Fibrous Homogeneous		40% Ca Carbonate 60% Non-fibrous (Other)	**None Detected**
4639CLD-R6-11B *221802873-0028*	Window Glazing	Tan Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	**None Detected**
4639CLD-EX-12A *221802873-0029*	Transite Siding	White Fibrous Homogeneous		20% Ca Carbonate 65% Non-fibrous (Other)	**15% Chrysotile**
4639CLD-EX-12B *221802873-0030*	Transite Siding	Gray/White Fibrous Homogeneous		85% Non-fibrous (Other)	**15% Chrysotile**
4639CLD-EX-13A *221802873-0031*	Vapor Barrier	Brown/Gray/Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	**None Detected**
4639CLD-EX-13B *221802873-0032*	Vapor Barrier	Black Fibrous Homogeneous	55% Cellulose	45% Non-fibrous (Other)	**None Detected**

Samples analyzed by EMSL Analytical, Inc. Denver, CO NVLAP Lab Code 200828-0

Initial report from: 05/01/2018 15:53:17

EMSL Analytical, Inc.
1010 Yuma Street Denver, CO 80204
Tel/Fax: (303) 740-5700 / (303) 741-1400
http://www.EMSL.com / denverlab@emsl.com

EMSL Order: 221802873
Customer ID: ALLP62
Customer PO:
Project ID: CDOT

Attention: Logan Greenfield
All-Phase Environmental Consultants, Inc
721 West 9th Street
Pueblo, CO 81003

Phone: (719) 250-0036
Fax: (719) 542-2807
Received Date: 04/27/2018 10:00 AM
Analysis Date: 05/01/2018
Collected Date: 04/26/2018

Project: 18-3066-C70-4639 CLD (CDOT)

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
4639CLD-A-14A *221802873-0033*	Insulation	Tan/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	**None Detected**
4639CLD-A-14B *221802873-0034*	Insulation	Beige Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	**None Detected**
4639CLD-EX-15A-Shingle 1 *221802873-0035*	Roofing	Black/Orange Fibrous Homogeneous	25% Glass	15% Ca Carbonate 60% Non-fibrous (Other)	**None Detected**
4639CLD-EX-15A-Tar *221802873-0035A*	Roofing	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**None Detected**
4639CLD-EX-15A-Shingle 2 *221802873-0035B*	Roofing	Black/Orange Fibrous Homogeneous	20% Glass	20% Ca Carbonate 60% Non-fibrous (Other)	**None Detected**
4639CLD-EX-15A-Shingle 3 *221802873-0035C*	Roofing	Black/Green Fibrous Homogeneous	25% Cellulose	15% Ca Carbonate 60% Non-fibrous (Other)	**None Detected**
4639CLD-EX-15A-Shingle 4 *221802873-0035D*	Roofing	Tan/Black Fibrous Homogeneous	25% Cellulose	20% Ca Carbonate 55% Non-fibrous (Other)	**None Detected**
4639CLD-EX-15B-Shingle 1 *221802873-0036*	Roofing	Red/Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	**None Detected**
4639CLD-EX-15B-Shingle 2 *221802873-0036A*	Roofing	Black Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (Other)	**None Detected**
4639CLD-EX-15B-Shingle 3 *221802873-0036B*	Roofing	Gray/Black Fibrous Homogeneous	45% Cellulose	55% Non-fibrous (Other)	**None Detected**

Initial report from: 05/01/2018 15:53:17

EMSL Analytical, Inc.
1010 Yuma Street Denver, CO 80204
Tel/Fax: (303) 740-5700 / (303) 741-1400
http://www.EMSL.com / denverlab@emsl.com

EMSL Order: 221802873
Customer ID: ALLP62
Customer PO:
Project ID: CDOT

Attention: Logan Greenfield
All-Phase Environmental Consultants, Inc
721 West 9th Street
Pueblo, CO 81003

Project: 18-3066-C70-4639 CLD (CDOT)

Phone: (719) 250-0036
Fax: (719) 542-2807
Received Date: 04/27/2018 10:00 AM
Analysis Date: 05/01/2018
Collected Date: 04/26/2018

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
4639CLD-EX-15B-S hingle 4 *221802873-0036C*	Roofing	Black/Green Fibrous Homogeneous	45% Cellulose	55% Non-fibrous (Other)	**None Detected**

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Denver, CO NVLAP Lab Code 200828-0

Initial report from: 05/01/2018 15:53:17

EMSL Analytical, Inc.
1010 Yuma Street Denver, CO 80204
Tel/Fax: (303) 740-5700 / (303) 741-1400
http://www.EMSL.com / denverlab@emsl.com

EMSL Order: 221802873
Customer ID: ALLP62
Customer PO:
Project ID: CDOT

Attention: Logan Greenfield
All-Phase Environmental Consultants, Inc
721 West 9th Street
Pueblo, CO 81003

Project: 18-3066-C70-4639 CLD (CDOT)

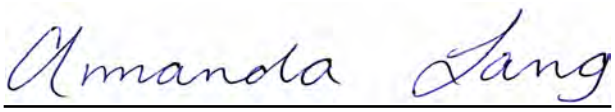
Phone: (719) 250-0036
Fax: (719) 542-2807
Received Date: 04/27/2018 10:00 AM
Analysis Date: 05/01/2018
Collected Date: 04/26/2018

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk materials via EPA/600 (0513) Method using Polarized Light Microscopy. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

Report Comments:

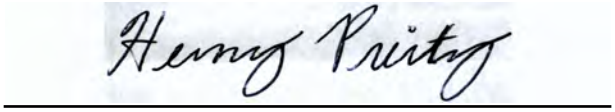
Sample Receipt Date:	04/27/2018	Sample Receipt Time:	10:00 AM
Analysis Completed Date:	05/01/2018	Analysis Completed Time:	3:44 PM

Analyst(s):

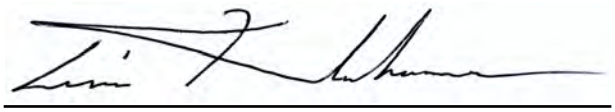


Amanda Lang PLM (12)

Gentry Catlett PLM (6)

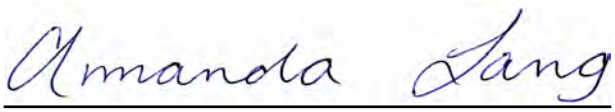


Stuart Printz PLM (39)



Timothy Kleehammer PLM (20)

Samples Reviewed and approved by:



Amanda Lang, Asbestos Laboratory Manager
or other approved signatory

Initial report from: 05/01/2018 15:53:17

OrderID: 221802873

EMSL Analytical, Inc.
1010 Yuma Street

Denver, CO 80204
PHONE (303) 740-5700
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EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*.

221802873

Company: All-Phase Environmental Consultants, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 721 W. 9th Street	*Third Party Billing requires written authorization from third party*
City: Pueblo **State/Province:** CO	**Zip/Postal Code:** 81003 **Country:** United States
Report To (Name): Logan Greenfield	**Telephone #:** 719-250-0036
Email Address: logan@allphaseenvironmental.com	**Fax #:** **Purchase Order:**
Project Name/Number: 18-3066-C TO-4639 CLD	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: CO	**Connecticut Samples:** ☐ Commercial ☐ Residential

Turnaround Time (TAT) Options* – Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☒ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air ☐ Check if samples are from NY
- ☐ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☒ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable in NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NIOSH 9002 (<1%)

TEM – Air ☐ 4-4.5hr TAT (AHERA only)
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ Chatfield SOP
- ☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite
- ☐ PLM CARB 435 - A (0.25% sensitivity)
- ☐ PLM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - C (0.01% sensitivity)
- ☐ TEM Qual. via Filtration Technique
- ☐ TEM Qual. via Drop-Mount Technique

Other:
- ☐

☐ **Check For Positive Stop – Clearly Identify Homogenous Group** **Filter Pore Size (Air Samples):** ☐ 0.8µm ☐ 0.45µm

Samplers Name: Logan Greenfield **Samplers Signature:** [signature]

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
4639CLD-R9-1A	Rough textured Plaster	—	4-26-18
4639CLD-R7-1B	↓	—	
4639CLD-R6-1C	↓	—	
4639CLD-R9-2A	Swirl textured Plaster	—	
4639CLD-R5-2B	↓	—	
4639CLD-R4-2C	↓	—	
4639CLD-R5-3A	Textured Plaster	—	
4639CLD-R4-3B	↓	—	↓

Client Sample # (s): - **Total # of Samples:** 36

Relinquished (Client): **Date:** **Time:**

Received (Lab): CS **Date:** 4/27/18 **Time:** 10:00 am WI

Comments/Special Instructions:

EMSL Analytical, Inc.
1010 Yuma Street

Denver, CO 80204
PHONE (303) 740-5700
FAX (303) 741-1400

EMSL ANALYTICAL, INC.
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Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*:

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
4639CLD-R4-3C	Textured Plaster	—	4-26-18
4639CLD-R11-4A	Textured Composit Board	—	
4639CLD-R11-4B	↓	—	
4639CLD-R10-4C	↓	—	
4639CLD-R11-5A	Plain Drywall	—	
4639CLD-R3-5B	↓	—	
4689CLD-R3-6A	Wallpaper/Mastic	—	
4639CLD-R3-6B	↓	—	
4639CLD-R3-7A	Sheet Flooring	—	
4639CLD-R6-7B	↓	—	
4639CLD-R4-8A	Floor Tile/Mastic	—	
4639CLD-R4-8B	↓	—	
4639CLD-CL-9Q	Duct tape (seam)	—	
4639CLD-CL-9A	↓	—	
4639CLD-CL-9B	↓	—	
4639CLD-CL-10A	Cellar Wall Patch	—	
4639CLD-CL-10B	↓	—	
4639CLD-CL-10C	↓	—	
4639CLD-R3-11A	Window Glazing	—	
4639CLD-R6-11B	↓	—	
4639CLD-Ex-12A	Transite Siding	—	
4639CLD-Ex-12B	↓	—	
4639CLD-Ex-13A	Vapor Barrier	—	
4639CLD-Ex-13B	↓	—	↓

*Comments/Special Instructions:

Page 2 of 3 pages

EMSL Analytical, Inc.
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Denver, CO 80204
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EMSL ANALYTICAL, INC.
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Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*:

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
4639CLD-A-14A	[redacted] Insulation	—	4-26-18
4639CLD-A-14B	↓	—	↓
4639CLD-EX-15A	Roofing	—	↓
4639CLD-EX-15B	↓	—	↓

*Comments/Special Instructions:

Page 3 of 3 pages

D

LABORATORY RESULTS & CHAIN OF CUSTODY - LEAD & TCLP

EMSL Analytical, Inc.
6340 CastlePlace Dr., Indianapolis, IN 46250
Phone/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com indianapolislab@emsl.com

EMSL Order: 161807716
CustomerID: ALLP62
CustomerPO:
ProjectID:

Attn: **Richard Ralston**
All-Phase Environmental Consultants, Inc
721 West 9th Street
Pueblo, CO

Phone: (719) 225-6953
Fax: (719) 542-2807
Received: 04/30/18 10:10 AM
Collected:

Project: **Central 70 / 18-3066-009**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*RDL*	*Lead Concentration*
4639 - LLD - 1L *161807716-0001*	Site: WHITE DOOR FRAME R3	4/30/2018	0.010 % wt	0.044 % wt
4639- LLD - 2L *161807716-0002*	Site: WHITE WOOD POURCH	4/30/2018	0.25 % wt	4.3 % wt
4639- LLD - 3L *161807716-0003*	Site: PINK / ORANGE R5	4/30/2018	0.010 % wt	0.17 % wt
4639- LLD - 4L *161807716-0004*	Site: BROWN (PLASTER) CLOSET R8	4/30/2018	0.010 % wt	0.11 % wt
4639- LLD - 5LQ *161807716-0005*	Site: BROWN (PLASTER) CLOSET R8	4/30/2018	0.010 % wt	0.12 % wt
4639- LLD - 6L *161807716-0006*	Site: TAN (PLASTER) R6	4/30/2018	0.010 % wt	0.14 % wt
4639- LLD - 7L *161807716-0007*	Site: FAWN (PLASTER) R9	4/30/2018	0.010 % wt	<0.010 % wt
4639- LLD - 8L *161807716-0008*	Site: GREEN (PLASTER) R9	4/30/2018	0.010 % wt	0.16 % wt
4639- LLD - 9L *161807716-0009*	Site: GRAY WOOD R11	4/30/2018	0.50 % wt	14 % wt
4639- LLD - 10L *161807716-0010*	Site: WHITE METAL GUTTER DOOR	4/30/2018	0.010 % wt	0.061 % wt
4639- LLD - 11L *161807716-0011*	Site: WHITE WOOD OUTSIDE	4/30/2018	0.25 % wt	5.3 % wt

Doug Wiegand, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LLC--ELLAP 157245, OH E10040

Report Amended: 05/10/2018 11:47:41 Replaces the Inital Report 05/01/2018 15:32:48. Reason Code: Client-Change to Bill Address

EMSL Analytical, Inc.
6340 CastlePlace Dr., Indianapolis, IN 46250
Phone/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com indianapolislab@emsl.com

EMSL Order:	161807716
CustomerID:	ALLP62
CustomerPO:	
ProjectID:	

Attn: **Richard Ralston**
All-Phase Environmental Consultants, Inc
721 West 9th Street
Pueblo, CO

Phone:	(719) 225-6953
Fax:	(719) 542-2807
Received:	04/30/18 10:10 AM
Collected:	

Project: **Central 70 / 18-3066-009**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*RDL*	*Lead Concentration*
4639- LLD - 12L		4/30/2018	0.010 % wt	0.010 % wt
161807716-0012	Site: BLUE (DRYWALL) R4			
4639- LLD - 13L		4/30/2018	0.010 % wt	0.015 % wt
161807716-0013	Site: GRAY CEMENT - FOUNDATION			

Doug Wiegand, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LLC--ELLAP 157245, OH E10040

Report Amended: 05/10/2018 11:47:41 Replaces the Inital Report 05/01/2018 15:32:48. Reason Code: Client-Change to Bill Address

OrderID: 161807716

4639 CD
LEAD

EMSL ANALYTICAL, INC
LABORATORY • PRODUCTS • TRAINING

EMSL ANALYTICAL, INC
200 Route 130 North
Cinnaminson NJ 08077
Phone (800) 220-3675
FAX (856) 858-3502

PHONE
FAX

Chain of Custody

EMSL Order Number *(Lab Use Only)*

161807716

Company: All Phase Environmental	**EMSL-Bill to:** ☑ Same ☐ Different If Bill to is Different note instructions in Comments**
Street: 721 9th Street	Third Party Billing requires written authorization from third party
City: Pueblo **State/Province:** CO	**Zip/Postal Code:** **Country:**
Report To (Name): Richard Ralston	**Telephone #:**
Email Address: Rick@allphaseenvironmental.com	**Purchase Order:**
Project Name/Number: CENTRAL 70 / 18-3066-004	**Please Provide Results:** ☐ Fax ☐ Email ☐ Mail
U.S. State Samples Taken: Colorado	**Connecticut Samples:** ☐ Commercial ☐ Residential

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☒ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*For RUSH TAT's Please Call Ahead to Confirm Lab Hours and Availability. Not all TAT options are valid for every test. Materials Science and IAQ TATs are in Business Days rather than Hours (i.e. 24 Hour = End of Next Business Day)

Asbestos

PCM - Air
- ☐ NIOSH 7400
- ☐ w/ 8hr. TWA

TEM– Air ☐ 4-4.5hr TAT(AHERA ONLY)
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Water
- Fibers ≥10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

PLM - Bulk
- ☐ PLM EPA 600/R-93/116
- ☐ PLM EPA NOB (<1%)
- ☐ NYS 198.1 (friable-NY)
- ☐ NYS 198.6 (non-friable-NY)
- Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- Point Count w/ Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

TEM - Dust
- ☐ Microvac – ASTM D 5755
- ☐ Wipe-ASTM D6480

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198 4 (non-friable-NY)
- ☐ Chatfield SOP

Soil/Rock/Vermiculite
- ☐ PLM CARB 435 – A (0.25% sensitivity)
- ☐ PLM CARB 435 – B (0.1% sensitivity)
- ☐ TEM CARB 435 – B (0.1% sensitivity)
- ☐ EPA Reg. 1 Screening Protocol (Qualitative)

Other:

Lead (Pb)

Flame Atomic Absorption
- ☒ Chips SW846-7000B or AOAC 974.02
- ☐ Soil SW846-7000B/7420
- ☐ Air NIOSH 7082
- ☐ Wastewater SM3111B or SW846-7000B/7420
- ☐ ASTM Wipe SW846-7000B/7420
- ☐ non ASTM Wipe SW846-7000B/7420
- ☐ TCLP SW846-1311/7420/SM 3111B

ICP
- ☐ Air NIOSH 7300 Modified
- ☐ non ASTM Wipe SW846-6010B or C
- ☐ ASTM Wipe SW846-6010B or C
- ☐ Soil SW846-6010 B or C
- ☐ Waste Water SW846-6010B or C
- ☐ TCLP SW846-6010B or C

Graphite Furnace Atomic Absorption
- ☐ Soil SW846-7421
- ☐ Air NIOSH 7105
- ☐ Wastewater EPA 200.9
- ☐ Drinking Water EPA 200.9

Other: ☐

Microbiology

Wipe and Bulk Samples
- ☐ Mold & Fungi – Direct Examination
- ☐ Mold & Fungi Culture (Genus Only)
- ☐ Mold & Fungi Culture (Genus & Species)
- ☐ Bacterial Count & ID (Up to Three Types)
- ☐ Bacterial Count & ID (Up to Five Types)
- ☐ MRSA
- ☐ *Pseudomonas aeruginosa*

Water Samples
- ☐ Total Coliform & E.coli (P/A)
- ☐ Fecal Coliform (SM 9222D)
- ☐ Sewage Screen
- ☐ Heterotrophic Plate Count (SM 9215)

Air Samples
- ☐ Mold & Fungi (Spore Trap)
- ☐ Mold & Fungi Culture (Genus Only)
- ☐ Mold & Fungi (Genus & Species)
- ☐ Bacterial Culture & ID (Up to Three Types)
- ☐ Bacterial Culture & ID (Up to Five Types)
- ☐ Endotoxin Testing

Real Time Q-PCR (See Analytical Guide for Code)
- Code

Legionella
- ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4

Other: ☐

Materials Science

- ☐ Common Particle ID (large particles)
- ☐ Full Particle ID (environmental dust)
- ☐ Basic Material ID (solids)
- ☐ Advanced Material ID
- ☐ Physical Testing (Tensile, Compression)
- ☐ Combustion-by-products (soot, char, etc.)
- ☐ X-Ray Fluorescence (elem. analysis)
- ☐ X-Ray Diffraction (Crystalline Part.)
- ☐ MMVF's (Fibrous glass, RCF's)
- ☐ Particle Size (sieve/microscopy/laser)
- ☐ Combustible Dust
- ☐ Petrographic Examination

Other: ☐

IAQ

- Nuisance Dust NIOSH ☐ 0500 ☐ 0600
- Airborne Dust ☐ PM10 ☐ TSP
- Silica Analysis ☐ All Species
- Silica Analysis – Single Species ☐ Alpha Quartz ☐ Cristobalite ☐ Tridymite
- ☐ HVAC Efficiency
- ☐ Carbon Black
- ☐ Airborne Oil Mist
- Radon Testing: Call for Kit and COC

Other: ☐

****Comments/Special Instructions:**

Client Sample #'s	-		**Total # of Samples:** 9
Relinquished (Client): R Ralston	**Date:** 04/26/2018		**Time:** 17
Received (Lab): DS	**Date:** 4/27/18		**Time:** 10:00 am WI

Analysis Completed in Accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

Controlled Document-OneChain-R3-11/8/2011

Rec'd S Brown 4/30/18 10.10

OrderID: 161807716

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LABORATORY · PRODUCTS · TRAINING

Chain of Custody

EMSL Order Number *(Lab Use Only)*

161807716

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Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
4639-CLD-1L	White DOOR FRAME R3		
-2L	White WOOD - POLECH		
3L	PINK/ORANGE R5		
4L	BROWN (PLASTER) CLOSET R8		
5LR	BROWN (PLASTER) CLOSET R8		
6L	TAN (PLASTER) R6		
7L	FAWN (PLASTER) R9		
8L	GREEN (PLASTER) R9		
9L	GRAY WOOD R11		
10L	White METAL GUTTER DOWN		
11L	White WOOD OUTSIDE		
12L	BLUE (DRYWALL) R4		
13L	GRAY CEMENT - FOUNDATION		

*Comments/Special Instructions:

Analysis Completed in Accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

EMSL Analytical, Inc.
6340 CastlePlace Dr., Indianapolis, IN 46250
Phone/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com indianapolislab@emsl.com

EMSL Order:	161807720
CustomerID:	ALLP62
CustomerPO:	
ProjectID:	

Attn: **Richard Ralston**
All-Phase Environmental Consultants, Inc
721 West 9th Street
Pueblo, CO

Phone:	(719) 225-6953
Fax:	(719) 542-2807
Received:	04/30/18 10:10 AM
Collected:	

Project: **Central 70 / 18-3066-**

Test Report: Toxicity Characteristic Leachate Procedure (1311/7000B)

Client SampleDescription	*Collected*	*Analyzed*	*RDL*	*Lead Concentration*
4639C1D - TCL		5/1/2018	0.40 mg/L	0.51 mg/L
161807720-0001	Site: TCLP			

Doug Wiegand, Laboratory Manager
or other approved signatory

This report relates only to those items tested. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN

Initial report from 05/01/2018 15:16:36

OrderID: 161807720

4639 CLD
TCLP

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL ANALYTICAL, INC
200 Route 130 North
Cinnaminson NJ 08077
Phone (800) 220-3675
FAX (856) 858-3502

Chain of Custody

EMSL Order Number (Lab Use Only)

161807720

PHONE
FAX

Company: All Phase Environmental	**EMSL-Bill to:** ☑ Same ☐ Different If Bill to is Different note instructions in Comments**
Street: 721 9th Street	Third Party Billing requires written authorization from third party
City: Pueblo **State/Province:** CO	**Zip/Postal Code:** **Country:**
Report To (Name): Richard Ralston	**Telephone #:**
Email Address: Rick@allphaseenvironmental.com	**Purchase Order:**
Project Name/Number: CENTRAL 70 / 18-3066	**Please Provide Results:** ☐ Fax ☐ Email ☐ Mail
U.S. State Samples Taken: Colorado	**Connecticut Samples:** ☐ Commercial ☐ Residential

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☒ 48 Hour ☒ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*For RUSH TAT's Please Call Ahead to Confirm Lab Hours and Availability. Not all TAT options are valid for every test
Materials Science and IAQ TATs are in Business Days rather than Hours (i.e 24 Hour = End of Next Business Day)

Asbestos

PCM - Air
☐ NIOSH 7400
☐ w/ 8hr. TWA

TEM– Air ☐ 4-4.5hr TAT(AHERA ONLY)
☐ AHERA 40 CFR, Part 763
☐ NIOSH 7402
☐ EPA Level II
☐ ISO 10312

TEM - Water
Fibers ≥10µm ☐ Waste ☐ Drinking
All Fiber Sizes ☐ Waste ☐ Drinking

PLM - Bulk
☐ PLM EPA 600/R-93/116
☐ PLM EPA NOB (<1%)
☐ NYS 198.1 (friable-NY)
☐ NYS 198.6 (non-friable-NY)
Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
Point Count w/ Gravimetric
☐ 400 (<0.25%) ☐ 1000 (<0.1%)

TEM - Dust
☐ Microvac – ASTM D 5755
☐ Wipe-ASTM D6480

TEM - Bulk
☐ TEM EPA NOB
☐ NYS NOB 198.4 (non-friable-NY)
☐ Chatfield SOP

Soil/Rock/Vermiculite
☐ PLM CARB 435 – A (0.25% sensitivity)
☐ PLM CARB 435 – B (0.1% sensitivity)
☐ TEM CARB 435 – B (0.1% sensitivity)
☐ EPA Reg. 1 Screening Protocol (Qualitative)

Other:

Lead (Pb)

Flame Atomic Absorption
☐ Chips SW846-7000B or AOAC 974.02
☐ Soil SW846-7000B/7420
☐ Air NIOSH 7082
☐ Wastewater SM3111B or SW846-7000B/7420
☐ ASTM Wipe SW846-7000B/7420
☐ non ASTM Wipe SW846-7000B/7420
☒ TCLP SW846-1311/7420/SM 3111B

ICP
☐ Air NIOSH 7300 Modified
☐ non ASTM Wipe SW846-6010B or C
☐ ASTM Wipe SW846-6010B or C
☐ Soil SW846-6010 B or C
☐ Waste Water SW846-6010B or C
☐ TCLP SW846-6010B or C

Graphite Furnace Atomic Absorption
☐ Soil SW846-7421 ☐ Wastewater EPA 200.9
☐ Air NIOSH 7105 ☐ Drinking Water EPA 200.9

Other: ☐

Materials Science

☐ Common Particle ID (large particles)
☐ Full Particle ID (environmental dust)
☐ Basic Material ID (solids)
☐ Advanced Material ID
☐ Physical Testing (Tensile, Compression)
☐ Combustion-by-products (soot, char, etc.)
☐ X-Ray Fluorescence (elem. analysis)
☐ X-Ray Diffraction (Crystalline Part.)
☐ MMVF's (Fibrous glass, RCF's)
☐ Particle Size (sieve/microscopy/laser)
☐ Combustible Dust
☐ Petrographic Examination
Other: ☐

Microbiology

Wipe and Bulk Samples
☐ Mold & Fungi – Direct Examination
☐ Mold & Fungi Culture (Genus Only)
☐ Mold & Fungi Culture (Genus & Species)
☐ Bacterial Count & ID (Up to Three Types)
☐ Bacterial Count & ID (Up to Five Types)
☐ MRSA
☐ *Pseudomonas aeruginosa*

Water Samples
☐ Total Coliform & E.coli (P/A)
☐ Fecal Coliform (SM 9222D)
☐ Sewage Screen
☐ Heterotrophic Plate Count (SM 9215)

Air Samples
☐ Mold & Fungi (Spore Trap)
☐ Mold & Fungi Culture (Genus Only)
☐ Mold & Fungi (Genus & Species)
☐ Bacterial Culture & ID (Up to Three Types)
☐ Bacterial Culture & ID (Up to Five Types)
☐ Endotoxin Testing

Real Time Q-PCR (See Analytical Guide for Code)
Code:

Legionella
☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4

Other: ☐

IAQ

Nuisance Dust NIOSH ☐ 0500 ☐ 0600
Airborne Dust ☐ PM10 ☐ TSP
Silica Analysis ☐ All Species
Silica Analysis – Single Species
☐ Alpha Quartz ☐ Cristobalite ☐ Tridymite
☐ HVAC Efficiency
☐ Carbon Black
☐ Airborne Oil Mist
Radon Testing: Call for Kit and COC
Other: ☐

****Comments/Special Instructions:**
[redacted] Bag Chips For 4639CLD Have A RDP of 7 Days or More.

Client Sample #'s	-		**Total # of Samples:**
Relinquished (Client): R Ralston	**Date:** 4/27/2016		**Time:**
Received (Lab): [illegible]	**Date:** 4/27/18		**Time:** 10:00 am WI

Analysis Completed in Accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

Controlled Document-OneChain-R3-11/8/2011

Reid L Brown 4/30/18 10:10 JX

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EMSL Order Number *(Lab Use Only)*

161807720

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Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
4639C1D-TCL	TCLP		

*Comments/Special Instructions:

nalysis Completed in Accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

6b. Pre-Demolition Engineering Survey

ANCHOR ENGINEERING, INC.
www.anchoreng.com

Pre-Demolition Survey
And General Demolition Plan
For
4639 Claude Court
Denver, CO 80216

Engineers: David A. Poe, P.E., S.E.
Glen L. Wilson, E.I.

July 3, 2018
Project No: 180113

❖ 2535 17TH STREET, DENVER, CO 80211 ❖ 303-783-4797 ❖ 303-830-9133 FAX ❖

ANCHOR
ENGINEERING, INC.
www.anchoreng.com

July 3, 2018

Stephen P. Di Nardo
JKS Industries, LLC
747 Sheridan Blvd #9A
Lakewood, CO 80214

Re: 4639 Claude Court, Denver, CO 80216
Pre-Demolition Engineering Survey per OSHA 1926.850(a)
And General Demolition Plan

Date of Observation: 06/20/18

Dear Mr. Di Nardo:

At the request of JKS Industries (JKS), a representative from Anchor Engineering, Inc. (AEI) performed a site observation at the above-referenced structure on Wednesday, June 20, 2018.

For the purpose of this report, there is one building on the property. The front elevation of the residence faces east and is parallel to Claude Street. At the time of our visit the building was vacant.

Additional considerations for this site include the close proximity to Union Pacific Railroad. The railroad property borders the north and west sides of the property. During demolition procedures all men, equipment, and materials are to remain a distance of not less than 25'-0" away from the centerline of the tracks. This distance should be clearly marked prior to beginning demolition procedures. Consult with Union Pacific Railroad for additional procedures and requirements. Refer to the demolition sequencing portion of this report for additional recommendations.

The purpose of our site visit was twofold:

1. To give an assessment of the current condition of the structure as it relates to structurally related hazards before the proposed demolition activities. OSHA 1926.850 is stated below, along with project specific applicability to the subject building.

    a. ***OSHA 1926.850(a):*** *Prior to permitting employees to start demolition operations, an engineering survey shall be made, by a competent person, of the structure to determine the condition of the framing, floors, and walls, and possibility of unplanned collapse of any portion of the structure. Any adjacent structure where employees may be exposed shall also be similarly checked. The employer shall have in writing evidence that such a survey has been performed.*

    Project Specific Applicability: The information contained in this report satisfies the requirement of this guideline. The subcontractor shall review this report and make a copy available to all employees on the project at the pre-project meeting, and it shall also be included in the job site books.

    b. ***OSHA 1926.85(b):*** *When employees are required to work within a structure to be demolished which has been damaged by fire, flood, explosion, or other cause, the walls or floor shall be shored or braced.*

    Project Specific Applicability: 4639 Claude Court, Denver, CO 80216 has not been damaged by any fire, flood, explosion, or any other event. Therefore, no shoring or bracing is required.

    c. ***OSHA 1926.850(c):*** *All electric, gas, water, steam, sewer, and other service lines shall be shut off, capped, or otherwise controlled, outside the building line before demolition work is started. In each case, any utility company which is involved shall be notified in advance.*

Project Specific Applicability: The contractor and subcontractor will ensure all electric, gas, water, steam, sewer, and other services are to be cut off prior to any work being performed. Contractor shall confirm with KMP through the pre-demolition check list and present the necessary information in the pre-demolition meetings.

d. ***OSHA 1926.850(d):*** *If it is necessary to maintain any power, water or other utilities during demolition, such lines shall be temporarily relocated, as necessary, and protected.*

Project Specific Applicability: The demolition of 4639 Claude Court, Denver, CO 80216 does not require any power, water or other utilities.

e. ***OSHA 1926.850(e):*** *It shall also be determined if any type of hazardous chemicals, gases, explosives, flammable materials, or similarly dangerous substances have been used in any pipes, tanks, or other equipment on the property. When the presence of any such substances is apparent or suspected, testing and purging shall be performed and the hazard eliminated before demolition is started.*

Project Specific Applicability: All types of hazardous chemicals, gases, explosives, flammable materials, or other dangerous substances shall be removed from the structure prior to demolition as part of the pre cleaning phase during the environmental remediation. All materials are to be documented, manifested, and included in the environmental close out documents.

f. ***OSHA 1926.850(f):*** *Where a hazard exists from fragmentation of glass, such hazards shall be removed.*

Project Specific Applicability: All hazards from fragmentation of glass shall be removed in the normal course of demolition.

g. ***OSHA 1926.850(g):*** *Where a hazard exists to employees falling through wall openings, the opening shall be protected to a height of approximately 42 inches.*

Project Specific Applicability: No employees are permitted to enter the structure once demolition begins. Rule applies to interior demolition.

h. ***OSHA 1926.850(h):*** *When debris is dropped through holes in the floor without the use of chutes, the area onto which the material is dropped shall be completely enclosed with barricades not less than 42 inches high and not less than 6 feet back from the projected edge of the opening above. Signs, warning of the hazard of falling materials, shall be posted at each level. Removal shall not be permitted in this lower area until debris handling ceases above.*

Project Specific Applicability: No employees are permitted to enter the structure once demolition begins. Rule applies to interior demolition.

i. ***OSHA 1926.850(i):*** *All floor openings, not used as material drops, shall be covered over with material substantial enough to support the weight of any load which may be imposed. Such material shall be properly secured to prevent its accidental movement.*

Project Specific Applicability: The building is a single story structure. Refer to the demolition sequencing section of this report for further information.

OSHA 1926.850(j): *Except for the cutting of holes in floors for chutes, holes through which to drop materials, preparation of storage space, and similar necessary preparatory work, the demolition of exterior walls and floor construction shall begin at the top of the structure and proceed downward. Each story of*

exterior wall and floor construction shall be removed and dropped into the storage space before commencing the removal of exterior walls and floors in the story next below.

Project Specific Applicability: The building is a single story structure. Refer to the demolition sequencing section of this report for further information.

j. ***1926.850(k):*** *Employee entrances to multistory structures being demolished shall be completely protected by sidewalk sheds or canopies, or both, providing protection from the face of the building for a minimum of 8 feet. All such canopies shall be at least 2 feet wider than the building entrances or openings (1 foot wider on each side thereof), and shall be capable of sustaining a load of 150 pounds per square foot.*

Project Specific Applicability: Not applicable. Building is a single story structure. No employees are permitted to enter the structure once demolition begins.

2. Provide a general outline of the demolition procedures and sequence that is proposed to be used in the demolition of the subject structure. These outlined procedures/sequences are subject to change by AEI and/or the demolition contractor based on the observed response of the structure overall and components thereof during actual demolition operations.

No architectural or structural drawings were provided for our review.

The residence is a single-story residential structure and is assumed to be founded on a rubble stone or concrete foundation. The foundation was not visible at the time of our observation, but is assumed to be a crawlspace based on the information provided on the City and County of Denver, Assessor's Office website. The residence is approximately 20'x52' with the long direction oriented east to west. The wall and roof framing is assumed to be composed of dimension lumber framing.

Existing Condition Observation

During our site visit we made visual observations around the building perimeter only. The structure was partially exposed in some areas. All of the existing structural systems that were exposed to view appeared to be in good condition. We saw no evidence of noteworthy structural distress. It is our professional opinion that the possibility of un-planned collapse of any portion of the existing structures is very low. Workers may be allowed in the building to prepare them for demolition with such activities as removal of materials or other work that does not involve activities that affect existing structural systems.

Outline of Proposed Demolition Procedures, Equipment, and Sequence

Equipment

We anticipate demolition for this structure to be completed with heavy equipment including:

- "Track-hoe" excavators capable of reaching structural elements to be demolished. Excavators may be equipped at times with buckets/grapples, hydraulically actuated demolition hammers or shears, and other custom extensions for demolition and/or holding elements for temporary stability.
- Small skid steer loaders may also be utilized from time to time during demolition

Demolition Sequencing

General

After the commencement of demolition with heavy equipment, by necessity, structural systems from this point forth will be destroyed. Demolition should proceed as fast as practical until the structure is demolished in its entirety. The lateral stability of the building is provided by the perimeter wood-framed walls.

During demolition operations, care must be taken to protect and prevent damage to any active or live utilities both above and below ground. Utility poles were observed on the property. Removal of the existing power lines is to be coordinated with Excel Energy.

During demolition, water will be used to wet down the area that is being demolished prior to starting the demolition. During the demolition process a water spray will be used to minimize the fugitive particulate matter emissions. The ground will be sprayed with water either by water truck or some type of water spray to minimize fugitive particulate emissions from haul trucks and demolition equipment.

Sequence

The residence superstructure may be collapsed into the crawlspace starting at the east side of the building and proceeding thru the length of the building in the east/west direction. . Demolished materials and on site vegetation along the north and west property lines shall be pulled towards the interior of the lot to avoid falling onto the adjacent railroad property. Do not drive equipment onto the footprint of the building until the structure has been collapsed. Once the roof, wall, and floor systems are demolished, the slab on grade and foundations can be removed in any sequence.

Closing

This report constitutes an engineering review and summary of the pre-demolition condition of the structural systems of the subject buildings as well as a general outline of demolition procedures and sequencing. Note that the conclusions drawn are based on visual observations and our expertise and experience with structural engineering of building structures. Unless noted otherwise, no non-destructive or destructive testing of any kind was performed, nor was any formal engineering analysis completed. These procedures/sequences outlined herein are subject to change by AEI and/or the demolition contractor based on the observed response of the structure overall and components thereof during actual demolition operations. Anchor Engineering, Inc. shall be held harmless for damage of any kind to surrounding structures or property or for injury of any kind to any person or persons. The demolition contractor is responsible for jobsite safety. The conclusions presented in this report are based on conditions noted at the time of the observation. Commentary or recommendations regarding environmental issues are beyond the scope of this report. Should questions arise, or if further information is required regarding the content of this report, please contact our office.

Sincerely,
Anchor Engineering, Inc.

Glen L. Wilson, E.I.
Design Engineer

Reviewed By:

COLORADO LICENSED
DAVID A. POE
33278
7/3/18
PROFESSIONAL ENGINEER

David A. Poe, P.E., S.E.
Principal

7. Asbestos Clearance Report

ALL-PHASE
ENVIRONMENTAL CONSULTANTS, INC.

August 10, 2018

Interior Air Monitoring Clearance (Textured Walls and Ceilings/Flooring)

Re: AP-34 – 4639 Claude Ct.
Denver, Colorado 80216

To Whom It May Concern:

On, August 9, 2018, Logan Greenfield, Colorado Certified Asbestos Building Inspector and Colorado Air Monitoring Specialist with All-Phase Environmental Consultants, Inc. (APEC), conducted Air Monitoring clearances at the above referenced Subject Property. A visual inspection and air samples were collected inside the abatement containment to ensure that the asbestos fiber counts are below the regulated standard to guarantee this area is safe to re-occupy.

The Containment Air clearance consisted of five (5) 0.08um sampling cassettes, five (5) 1-16 liter per minute pumps, along with five (5) 20-inch box fans and a one-horse power leave blower used to perform an aggressive clearance of the containment. ***All-Phase Environmental is an approved and certified Colorado Department of Public Health and Environment asbestos laboratory.***

Microscopic inspection of the above-mentioned samples were conducted in the All Phase Environmental PCM laboratory. This inspection verified that ALL the samples taken were at or below 0.01 fiber per cubic centimeter as required by the Colorado Department of Public Health and Environmental standard for a safe room or area. See Lab analytical results attached to this document.

Based on the visual inspection and the analytical results, this area is considered safe to re-occupy.

APEC will not be held responsible for the mishandling of the information contained herein, and/or any items found after August 9, 2018
.

Please feel free to call with any questions and or concerns.

Sincerely,

Logan Greenfield
Colorado Certified Asbestos Inspector and AMS - 20715

ALL-PHASE
ENVIRONMENTAL CONSULTANTS, INC.
AllPhaseEnvironmental.com
719-545-0375

721 W. 9th Street
Pueblo, CO 81003
http://www.allphaseenvironmental.com
AIHA 214132/CDPHE AL-15979

APEC Project No.:
18-3256 (004)
Customer ID:

Attn:
JKS Industries
c/o Ruben Domingo

Final Clearance
Customer Project Ref.: AP-34 Finals-Denver

Phone: 303-238-0207
Email: rdomingo@jksindustries.net
Received:
Analysis Date: 8/9/2018
Sample Date: 8/9/2018

Sample ID	Location	Volume (Liters)	Fibers	Fields	Fibers/mm^2	Fibers/cc	Type of Sample
AP34-1	Room 10	1104	6	100	8.9	.002	air
AP34-2	Room 9	1104	8	100	9.2	.002	air
AP34-3	Room 6	1059	5	100	8.4	.001	air
AP34-4	Room 8	1104	5	100	8.4	.001	air
AP34-5	Room 4	1120	8	100	9.2	.002	air
AP34-6	blank	blank	0	100	0	0	Blank
AP34-7	blank	blank	0	100	0	0	Blank

The results reported have been blank corrected as applicable.

Fiber Count by Phase Contrast by Phase Contract Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Analyst(s) Logan Greenfield

Richard Ralston

Richard Ralston, Laboratory Director
or other approved signatory

THIS IS THE LAST PAGE OF THE REPORT

Colorado Department
of Public Health
and Environment

ASBESTOS LABORATORY

This certifies that

All Phase Environmental Consultants, Inc.

Registration No.: AL - 24462

has met the registration requirements of 25-7-507, C.R.S. and the Air Quality Control Commission Regulation No. 8, Part B, and is hereby authorized to perform asbestos laboratory testing activities, as required by Regulation No 8, Part B, in the state of Colorado.

Issued: April 20, 2018
Expires: April 20, 2019

Authorized APCD Representative

SEAL

8. Materials Summary

December 26, 2018

Jenn Bradtmueller
Kiewit Infrastructure Co.
160 Inverness Drive West, Suite 110
Englewood, CO 80112

RE: AP-34 4639 Claude Ct. – Summary of Removed Materials

Dear Jenn,

Below is a summary of the materials removed from the structure located at 4639 Claude Ct. For more details regarding the location of the Asbestos Containing Materials (ACM) and the asbestos content please refer to the Table 3-1A of the All-Phase Environmental SSAR (Page 10).

Material Removed	**Quantity**
ACM Plaster	1528 SF
Transite Exterior Siding	1000 SF
Regulated Building Materials	Taken to AP-86; not inventoried (refer to explanation in "RBM Manifest Clarification Letter" dated 12/17/2018)
Clean Construction Debris	156,800 Lbs
Clean Concrete (Recyclable)	97,200 Lbs

If you have any questions or require further information regarding these quantities, please contact me at 303-238-0207.

Sincerely,
JKS Industries, LLC

Jeffrey Knight
President

9. Waste Manifests

9a. Asbestos Waste Manifests

18-311 AP-34 CWMI

ASBESTOS NESHAP WASTE SHIPMENT RECORD

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N / A		800-424-9300	2234857

5. Generator's Name and Mailing Address
COLORADO DEPARTMENT OF TRANSPORTATION
747 SHERIDAN BLVD UNIT 9A
LAKEWOOD CO 80214

Generator's Project Address (if different than mailing address)
4639 Claude CT
DENVER, CO

Generator's Phone: (303) 512-5909

6. Transporter 1: Complete Company Name and Address: 5280 Waste Solutions 1625 W 62nd Ave — Transporter Phone: 720 330 2844

7. Transporter 2: Complete Company Name and Address — Transporter Phone:

8. Designated Disposal Facility Name and Site Address
DENVER ARAPAHOE DISPOSAL
3500 S GUN CLUB RD
AURORA CO 80018
(720) 876-2620

Facility's Phone:

GENERATOR

	9. Waste Shipping Name, Description, & Profile Number	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	RQ, NA 2212, Asbestos, 9,PG III 1267750			12 yds		NONE
2.						

13. Regulatory Agency: Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, CO 80222-1530

Emergency Notification:
CHEMTREC (800) 424-9300
24-hour Toll Free Number

14. Bill to & Account Number:
Customer Acct #: D 14925 Customer Name: JKS INDUSTRIES

15. Contractor/Generator Certification:
I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/ placarded, and are in all respects in proper condition for transportation and disposal according to applicable national and state governmental regulations.
I hereby certify that the above described waste is not a hazardous waste as defined by federal, state or local regulations and does not contain regulated quantities of PCB's or radioactive materials.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Jenn Bradtmueller	JBrunt on behalf of CDOT	8	10	18

TRANSPORTER

16. Transporter Acknowledgement of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Francisco Ortiz		08	15	18
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Special Handling Instructions
Soil originating from the above site shall not be used as daily cover or sold as clean fill.

18. Discrepancy Indication Space:

19. Ticket # 3190696

Initials of Person noting discrepancy _____ Signature _____ Date _____

20. Management Method/Location
Landfill _____ Monofill ✓ Location: Section 6

21. Designated Disposal Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 18

Printed/Typed Name	Signature	Month	Day	Year
		8	15	18

169-BLC-O 6 10498 (Rev. 10/14)

DESIGNATED FACILITY TO GENERATOR

9b. RBM Manifest

WASTE BILL OF LADING & CERTIFICATE OF RECYCLING

BOL#: 26841

P/U Fees: $25__$30__$40__$45__$55__
$65__$75__$85__$95__$105__
$115__$125__$135__$145__$155__
Labor Charges: $ _____
Off Spec. Charge: $ _____

Shipment Date: 7-31-18

[X] Universal Waste
[ ] TSCA Waste
[X] Special Waste

___4' Jumbo ___4' Box ___8' Jumbo ___8' Box
___ HID Box ___ Battery Box ___6.5 Gallon Pale
___ 14-G PD ___ 30-G PD ___55-G PD ___ CY Bx
___ 95-G PD ___ 55-G SD ___ 85-G SD ___ GL Box

Generator Of Waste:
Name: Colorado Dept of Trans / Pilot Travel
Address: 3323 E. 48th Ave
City, State, Zip: Denver Co 80216
Contact:
Phone: Fax:
PO# Job#

Bill To:
Name: JKS
Address:
City, State, Zip:
Contact:
Phone: Fax:
PO# Job#

Emergency Contact
(877) 331-2149
Extension 4

WASTE BROKERAGE FACILITY:
[X] R8E, LLC
4810 Newport Street
Commerce City Colorado 80033-2244
(p) 303-424-4887 (f) 303-424-9193
Email: Mike@R8Enviro.com
www.R8Enviro.com

EPA ID#: COR000231449
Destination Facility For Universal Waste
Large Quantity Handler of Universal Waste
Hazardous Waste Transporter/Transfer Facility
Used Oil Transporter/Transfer Facility
US DOT #: 050108 550 051Q HMP-20746
US DOT #1781660 CO TSCA - EPA Approved PCB Handler

Container Count	Container Type	Waste Common Name	DOT Description	Total Quantity	Unit / Wt. Volume
1	CF	4' & UNDER FLUORESCENT LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))	26	each
		5' & OVER FLUORESCENT LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))		
		UTUBE FLUORESCENT LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))		
		CIRCULAR FLUORESCENT LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))		
		COMPACT FLUORESCENT LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))		
1	CF	HID MERCURY/HALIDE/SODIUM LAMP/S RECYCLING Neon	Non-DOT Regulated (per 49 CFR 173.164(e))	5	each
		SHIELD/COATED/GROOVED LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))		
		INCANDESCENT LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))		
		UV/ARC/IGNITRON LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))		
		BROKEN LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))		
		CRUSHED FLUORESCENT LAMP/S RECYCLING (processed)	Non-DOT Regulated (per 49 CFR 173.164(e))		
		PCB WASTE RECYCLE/INCINERATION/MICROENCAP	RQ, UN3432, Polychlorinated biphenyls, Solid, 9, PGIII, ERG#171		
		NON-PCB BALLAST RECYCLE/MICROENCAPSULATION	Non-RCRA / Non-DOT Regulated Waste		
		ESCRAP RECYCLING	Non-DOT Regulated		
		MERCURY DEVICE RECYCLING	UN3506, Mercury Contained in Manufactured Articles, 8 (6.1), PGIII, ERG#172		
		LEAD ACID BATTERY RECYCLING	UN2794, Batteries, Wet Filled w/ Acid, 8, PGIII, ERG#154		
		ALKALINE BATTERY RECYCLING	Batteries, Dry, sealed, n.o.s. Specail Provision 130		
		NICKEL (Ni-Cad) BATTERY RECYCLING	Batteries, Dry, sealed, n.o.s. Specail Provision 130		
		LITHIUM METAL BATTERY RECYCLING - DOT 173.185(d)	UN3090, Lithium Batteries, 9, PGII, ERG#138		
		LITHIUM Ion BATTERY RECYCLING - DOT 173.185(d)	UN3480, Lithium Batteries, 9, PGII, ERG#138		
		WASTE OIL RECYCLING	Special Waste Liquid		
		WASTE GLYCOL RECYCLING	Special Waste Liquid		
		WASTE AEROSOLS	UN1950,Aerosols,Flammable,2.1,ERG#126		
		WASTE LATEX PAINT	Special Waste Liquid		
		LOW RADIATION CONTAINING SMOKE DETECTORS	Special Waste Solid, Nuclear Regulatory Law 10 CFR 32.37		
		FIRE EXTINGUISHER(S)	Special Waste Solid		
5	each	METALS RECYCLING RCRA Empty Drum	Special Waste Solid 4 x Poly 1 x Steel	5	each
1	Cylinder	MISCELLANEOUS RECYCLING	UN1066 Compressed Nitrogen	1	Cylinder
3	Cylinder	MISCELLANEOUS RECYCLING	Ansul Riot 3 gallon liquid Agent Fire Suppression System	3	Cylinder

Generator Certification: This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
Unpaid invoices will be assigned to a licensed Collection Agency and subject to Collection Agency Fee's, Attorney's Fee's, Court Costs and Interest.

Signature: _____ Title: ENV Coordinator Print Name: Mia Steenkamp Date: 08/02/2018

Transporter 1 Name: RDE, LLC
Phone Number: 303-424-4887
Signature _____ Date 8-1-18

Transporter 2 Name: _____
Phone Number: _____
Signature _____ Date _____

Receiving, subject to the classification and regulations in effect on the date of issue of the Bill of Lading, the property described above is in apparent good order. Please retain a copy of this document as the ***"Certification of Recycling"*** for the items and quantities listed above.

Signature _____ Date 8-6-18

10. Weight Tickets

10a. Daily Load Trackers and Associated Truck Tickets

JKS INDUSTRIES
Environmental Abatement Services

Daily Load Tracker

Date: 8/27/18 Project: AP 34 Prepared By: _____

Arrival Time		Departure Time		Load #	Truck #	Material Code	Description	Tons/Yards	Dump Site	Dump Site Ticket Number
3:30	am / pm	3:55	am / pm	1	IW-180	Trash	Demo Debris	18 Yards	DADS	18-311
3:40	am / pm	4:10	am / pm	2	IW-156	Trach	Demo Debris	18 Yards	DADS	18-311
	am / pm		am / pm							
8/28/18	am / pm		am / pm							
8:10	am / pm	8:30	am / pm	3	IW-180	T	Demo Debris	18 Yards	DADS	18-311
8:15	am / pm	8:45	am / pm	4	IW-166	R	Concrete	18 Yards	Henderson pit	18-311
9:50	am / pm	10:05	am / pm	5	IW 166	R	Concrete	18 Yards	Henderson pit	18-311
10:05	am / pm	10:20	am / pm	6	IW-180	T	Demo Debris	18 Yards	DADS	18-311
11:10	am / pm	11:25	am / pm	7	IW-166	T	Demo Debris	18 Yards	DADS	18-311
11:55	am / pm	12:10	am / pm	8	IW-180	T	Demo Debris	18 Yards	DADS	18-311
1:05	am / pm	1:25	am / pm	9	IW-166	T	Demo Debris	18 Yards	DADS	18-311
	am / pm		am / pm							
	am / pm		am / pm							
	am / pm		am / pm							
	am / pm		am / pm							
	am / pm		am / pm							
	am / pm		am / pm							
	am / pm		am / pm							
	am / pm		am / pm							
	am / pm		am / pm							
	am / pm		am / pm							
	am / pm		am / pm							
	am / pm		am / pm							
	am / pm		am / pm							
	am / pm		am / pm							

Legend:

Materials:	Description:
R = Recycle	Concrete, Asphalt, Asbestos, Lumber,
T = Trash	Construction Debris, Trash, Metals,

Iron Woman

Ticket # 257255

Date 8/27/18

Project #	Truck #	Trailer #
30186011	160	38

Customer JKS INDUSTRIES

Foreman Jeff

Customer PO #

Booking # 86850

Certified Y / N

Location & Description	Start Time	Stop Time	Total Hours	Total Loads
Load @ 4637 Elide CT Denver	~~7:45~~ 8:00	5:00	9 1/4	4
Unload @ DADS				
Material Type DEMO	Trucking Company IW			

Approved

Entered

Site In	Site Out	Ticket #	Weight	Unload In	Unload Out
1 8:00	8:59	1	18 YDS	9:38	9:53
2 10:34	11:00	2	18 YDS	11:33	11:47
3 12:30	1:50	3	18 YDS	2:35	2:53
4 3:35	4:00	4	18 YDS	4:50	5:05
5					
6					
7					
8					
9					
10					

Site In	Site Out	Ticket #	Weight	Unload In	Unload Out
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments LOAD # 3 WAITIN FOR THE TRAIN ON TH JOB SIDE 12:30 TO 1:40

Pre Trip	
Post Trip	
Total Miles	

Authorized Signature

By signing this ticket, signee assumes all responsibility for any damage that may occur from ground sinking or settling and will not hold Iron Woman liable in such instances. Furthermore signee authorizes payment as per contract agreement.

Antonio Morales
Driver

Employee ID #

Customer Signature

Iron Woman
5680 Emerson St.
Denver, CO 80216
303-399-5534 Office 303-289-8700 Fax

White / IW Copy Yellow / Driver / OO Copy Pink / Project Mgr-Field Copy

ACCT# 306-14925.

Iron Woman

Ticket # 260596

Date 8/27/18

Project #	
3018611	
Truck #	Trailer #
156	1032

Customer JKS Industries

Foreman Jeff 720 602 4416 C70

Customer PO #

Booking # 86851

Certified Y [✓ N]

Location & Description	Start Time	Stop Time	Total Hours	Total Loads
Load @ 4637 Claude CT 80216. Unload @ DADS	7^15	~~6^00~~ 5pm	~~10.75~~ 9.25	4
Material Type DEMO	Trucking Company I W.			

Approved

Entered [illegible]

	Site In	Site Out	Ticket #	Weight	Unload In	Unload Out
1	745	9^30	18-312 AP33	18^4 tons	10^00	10^20
2	11^00	11^30	18-312 AP33	18^4 tons	11^50	12^05
3	1^10	2^15	18312 AP33	18^4 tons	2^44	3^05
4	3^40	4^15	18312 AP34	18^4 tons	4^50	5^05
5						
6						
7						
8						
9						
10						

	Site In	Site Out	Ticket #	Weight	Unload In	Unload Out
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments

Pre Trip 7^00 - 7^15.

Post Trip 5^45 - 6^00

Total Miles

Authorized Signature

By signing this ticket, signee assumes all responsibility for any damage that may occur from ground sinking or settling and will not hold Iron Woman liable in such instances. Furthermore signee authorizes payment as per contract agreement.

Driver: Neil

Employee ID #: 1594

Customer Signature: [illegible]

Iron Woman
5680 Emerson St.
Denver, CO 80216
303-399-5534 Office 303-289-8700 Fax

White / IW Copy **Yellow / Driver / OO Copy** **Pink / Project Mgr-Field Copy**

Iron Woman

Ticket # 257256

Date 8/28/18

Project #	
30186011	
Truck #	**Trailer #**
180	38

Customer JKS INDUSTRIES

Foreman	Jeff
Customer PO #	
Booking #	86920

Certified Y / N

Location & Description	Start Time	Stop Time	Total Hours	Total Loads
Load @ 4637 CLYDE CT	8:00	3:00	7	4
Unload @ DADS				
Material Type DEMO	Trucking Company EW			

Approved MD

Entered A

	Site In	Site Out	Ticket #	Weight	Unload In	Unload Out
1	8:00	8:30	1	18 YDS	9:15	9:35
2	10:05	10:33	2	18 YDS	11:10	11:25
3	12:05	12:15	3	18 YDS	12:50	1:05
4	1:40	2:15	4	18 YDS	2:50	3:00
5						
6						
7						
8						
9						
10						

	Site In	Site Out	Ticket #	Weight	Unload In	Unload Out
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments MORNING TRAVEL TIME 7:45 TO 8:00
EVENING 3:00 TO 3:45

Pre Trip	
Post Trip	
Total Miles	

Authorized Signature

By signing this ticket, signee assumes all responsibility for any damage that may occur from ground sinking or settling and will not hold Iron Woman liable in such instances. Furthermore signee authorizes payment as per contract agreement.

Antonio Morales — Driver | Employee ID # | Customer Signature

Iron Woman
5680 Emerson St.
Denver, CO 80216
303-399-5534 Office 303-289-8700 Fax

White / IW Copy Yellow / Driver / OO Copy Pink / Project Mgr-Field Copy

Iron Woman

Ticket # 260822

Date 8 / 28 / 18

Project #	
30186011	
Truck #	**Trailer #**
166	1094

Customer TKS

Location & Description		**Start Time**	**Stop Time**	**Total Hours**	**Total Loads**
Load @ 4657 Claude Ct		8:15	~~15:00~~ ~~16:45~~ 16:00	~~6.75~~ ~~7.75~~	5
Unload @ DADS -					
Material Type Demo					
Foreman		Certified Y / N		Trucking Company IW	
Customer PO #					
Booking #					

Approved

Entered

Site In	Site Out	Ticket #	Weight	Unload In	Unload Out
1 8:15	8:40	466965		9:08	9:15
2 9:50	10:07	467034		10:37	10:44
3 11:02	11:28	166		11:58	12:12
4 13:03	13:20	168		13:55	14:10
5 14:40	15:03	AP-86		15:37	15:54
6					
7					
8					
9					
10					

Site In	Site Out	Ticket #	Weight	Unload In	Unload Out
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments ~~Travel Time 15:00 16:45 (1.75)~~

Pre Trip	
Post Trip	
Total Miles	

Authorized Signature

By signing this ticket, signee assumes all responsibility for any damage that may occur from ground sinking or settling and will not hold Iron Woman liable in such instances. Furthermore signee authorizes payment as per contract agreement.

JAMES WOODS — Driver

1572 — Employee ID #

Customer Signature

Iron Woman
5680 Emerson St.
Denver, CO 80216
303-399-5534 Office 303-289-8700 Fax

White / IW Copy Yellow / Driver / OO Copy Pink / Project Mgr-Field Copy

10b. Recycling Weight Tickets

120 85, LLC
10925 East 120th Ave.

Henderson CO, 80640

Ticket #: 466965
Date: 8/28/2018 9:08 AM
Phone: (303) 731-7542

www.hendersonpit.com

Customer: JKSINDUSTR4297
JKS Industries, LLC
747 Sheridan BLVD
Lakewood CO, 80214

Order Number: CLAUDE
CLAUDE 46TH
Loads: 2

- -

SCALEOP - Scale Operator

Remarks: JAMES 166

Signature: _____

Certified Weigher: _____

Material	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
END SIDE CLEAN CONCRETE	1.000 EA						

Weight Information

Material	Gross	Tare	Net

FOR YOUR OWN SAFETY, YOU MUST BE SUITABLY TRAINED AND EQUIPPED. HENDERSON PIT IS NOT LIABLE FOR INURIES, DAMAGES, OR DEATH CAUSED AT OWN RISK. LOADER ALWAYS HAS THE RIGHT OF WAY. YOU MUST LOCATE THE PIT OPERATOR PRIOR TO ENTRY. DRIVERS ARE RESPONSIBLE FOR THEIR OWN ACTIONS. WE ACCEPT ONLY INERT, NON-ORGANIC, NON-HAZARDOUS MATERIAL.

120 85, LLC
10925 East 120th Ave.

Henderson CO, 80640

Ticket #: 467034
Date: 8/28/2018 10:37 AM
Phone: (303) 731-7542

www.hendersonpit.com

Customer: JKSINDUSTR4297
JKS Industries, LLC
747 Sheridan BLVD
Lakewood CO, 80214

Order Number: CLAUDE
CLAUDE 46TH
Loads: 2

166 -
SCALEOP - Scale Operator

Remarks: JAMES

Signature: _____ Certified Weigher: _____

Material	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
END/SIDE DUMP MIXED CONC...	1.000 EA						

Weight Information

Material	Gross	Tare	Net

FOR YOUR OWN SAFETY, YOU MUST BE SUITABLY TRAINED AND EQUIPPED. HENDERSON PIT IS NOT LIABLE FOR INURIES, DAMAGES, OR DEATH CAUSED AT OWN RISK. LOADER ALWAYS HAS THE RIGHT OF WAY. YOU MUST LOCATE THE PIT OPERATOR PRIOR TO ENTRY. DRIVERS ARE RESPONSIBLE FOR THEIR OWN ACTIONS. WE ACCEPT ONLY INERT, NON-ORGANIC, NON-HAZARDOUS MATERIAL.

10c. Waste Weight Tickets

WASTE MANAGEMENT

2480873

Denver Arapahoe Disposal
3500 S Gun Club , PO Box 460397
Aurora, CO, 80018
Ph: (720) 876-2620

Original
Ticket# 3200875

Customer Name	JKSINDUSTRIESLLC JKS Industri	Carrier	JKS INDUSTRIES JKS INDUSTRIES
Ticket Date	08/27/2018	Vehicle#	1
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0014925
State Waste Code		Gen EPA ID	
Manifest		Grid	
Destination			
PO			
Profile	()		
Generator			

Volume

	Time	Scale	Operator	Inbound		
In	08/27/2018 07:10:34	MANUAL WT	aramirez		Gross	2 lb*
Out	08/27/2018 07:10:34		aramirez		Tare	1 lb*
			* Manual Weight		Net	1 lb
					Tons	

Comments 5

PLEASE MAKE SURE YOUR TICKET IS CORRECT BEFORE SIGNING.

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	CDY-CONST DEBRIS -	100	198.00	Yards				

Total Fees
Total Ticket

402WM-N

IWUTT180

Date: 8/27/18 Ticket#: AP 34

ACCT#:306-14925

JKS INDUSTRIES
CENTRAL 70 PROJECT

CDY 18 YDS ✓ 25 YDS HIGHSIDES

DISPOSAL SITE: DADS
3500 S GUN CLUB RD
AURORA CO 80018

DRIVER
Signature: Antonio Morales

#156

Date: 8/27/18 Ticket#: AP 34

ACCT#:306-14925

JKS INDUSTRIES
CENTRAL 70 PROJECT

CDY 18 YDS ✓ 25 YDS HIGHSIDES

DISPOSAL SITE: DADS
3500 S GUN CLUB RD
AURORA CO 80018

DRIVER

Signature: NEIL DE WET

WASTE MANAGEMENT

2480892

Denver Arapahoe Disposal
3500 S Gun Club , PO Box 460397
Aurora, CO, 80018
Ph: (720) 876-2620

Reprint
Ticket# 3201925

Customer Name	JKSINDUSTRIESLLC JKS Industri	Carrier	JKS INDUSTRIES JKS INDUSTRIES
Ticket Date	08/28/2018	Vehicle#	1
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0014925
State Waste Code		Gen EPA ID	
Manifest		Grid	
Destination			
PO			
Profile	()		
Generator			

	Time	Scale	Operator	Inbound		
In	08/28/2018 08:38:08	MANUAL WT	aramirez		Gross	2 lb*
Out	08/28/2018 08:38:08		aramirez		Tare	1 lb*
			* Manual Weight		Net	1 lb
					Tons	

Comments 7 loads central 70 project 8/28/18

PLEASE MAKE SURE YOUR TICKET IS CORRECT BEFORE SIGNING.

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	CDY-CONST DEBRIS -	100	126.00	Yards				

Total Fees
Total Ticket

402WM-N

JW UTT 18

Date: 8/28/18 Ticket#: AP 34

ACCT#:306-14925

JKS INDUSTRIES
CENTRAL 70 PROJECT

CDY 18 YDS ✓ 25 YDS HIGHSIDES _____

DISPOSAL SITE: DADS
3500 S GUN CLUB RD
AURORA CO 80018

DRIVER

Signature: Antonio Morales

T# 180

Date: 8-28-18 Ticket#: 18-312

ACCT#:306-14925

JKS INDUSTRIES
CENTRAL 70 PROJECT

CDY 18 YDS / 25 YDS HIGHSIDES _____

DISPOSAL SITE: DADS
3500 S GUN CLUB RD
AURORA CO 80018

DRIVER:

Signature: Antonio Morales

Date: 8/28/18 Ticket#: AP 34

ACCT#:306-14925

JKS INDUSTRIES
CENTRAL 70 PROJECT

CDY 18 YDS ✓ 25 YDS HIGHSIDES_____

DISPOSAL SITE: DADS
3500 S GUN CLUB RD
AURORA CO 80018

DRIVER:

Signature: [signature] 7 loads x 18 Cyds = 126.

JW UTT 160

Date: 8/28/18 Ticket#: AP 34

ACCT#:306-14925

JKS INDUSTRIES
CENTRAL 70 PROJECT

CDY 18 YDS ✓ 25 YDS HIGHSIDES_____

DISPOSAL SITE: DADS
3500 S GUN CLUB RD
AURORA CO 80018

DRIVER:

Signature: Antonio Morales

Date: 8/28/18 Ticket#: AP 34

ACCT#:306-14925

JKS INDUSTRIES
CENTRAL 70 PROJECT

CDY 18 YDS ✓ 25 YDS HIGHSIDES _____

DISPOSAL SITE: DADS
3500 S GUN CLUB RD
AURORA CO 80018

DRIVER:

Signature: _____

11. Dump Diversion Summary

JKS Industries
AP-34 4639 Claude Ct.

Descriptions		Dump Diversion / Recycle %								
Phase	Activity	Unit of Measure	# of Yards per Container	# of Containers	Total Number of Yards	Pounds Per Yard **	Total Lbs	Recycled Yes/No	Pounds of Recycle or Dump Diversion	% of Recycle or Dump Diversion
Abatement	Trash Rolloff	Cubic Yard	-	-	-	450.00	-			
Abatement	Asbestos Containers	Cubic Yard	-	-	-	500.00	-			
					-		-			
Demolition	Demolition Construction Debris	Cubic Yard	18	7	126.00	1,400.00	176,400			
Demolition	Concrete Debris	Cubic Yard	12	2	24.00	4,050.00	97,200	x	97,200	35.53%
Demolition	Trees	Cubic Yard	-	-	-	500.00	-	x	-	0.00%
Demolition	Steel	Lbs	12	-	-	1,000.00	-	x	-	0.00%
Demolition	Copper	Lbs					-	x	-	0.00%
				9	150.00		273,600		97,200	35.53%

STUDY NOTES

1 The source material used for the Volume to Weight conversions came from Waste Management web site.
2 Conversions ratio's have been modified based on estimated compaction.

12. Containment Entry/Exit Log

***Environmental Projects Only*

Friday

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name: Kiewit AP-34

Job #: 18-311

Date: 08-03-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Paul Williams	7:15	11:30	12:30	3:22
2. Victor Larmer	7:16	11:30	12:30	3:18
3. Carlos Jean	7:17	11:30	12:30	3:15
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				

***Environmental Projects Only*

JKS INDUSTRIES

Saturday

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name: Krewit AP-34

Job #: 18-311

Date: 08-04-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Andre Williams	9:00	10:30	2:15	3:47
2. Paul Williams	8:30	11:30	12:30	4:25
3. Alex Coverdl	8:35	11:30	12:30	4:21
4. Jamrob Ramerez	8:37	11:30	12:30	4:15
5. Jean Carlos L	8:30	11:30	12:30	4:17
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				

***Environmental Projects Only*

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Monday

Job Name: Kiewit AP-34

Job #: 18-311

Date: 08-06-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Andre Williams	8:15	11:45	1:00	4:20
2. Paul Williams	7:30	11:55	1:00	4:55
3. Victor Lemmer	7:35	12:00	1:00	5:00
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				

***Environmental Projects Only*

Tuesday

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name: Kiewit AP-34

Job #: 18-311

Date: 08-07-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Andre Williams	6:50	10:30		
2. Carlos Jean L	6:30	11:00		
3. Paul Williams	6:30	11:00	12:00	3:20
4. Victor Lerma	6:30	11:00	12:60	3:15
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				

***Environmental Projects Only*

JKS INDUSTRIES

Wed

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name: Krewit AP-34

Job #: 18-311

Date: 08-08-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Andre Williams	6:45	11:00	12:00	1:00
2. Paul Williams	6:20	11:00	12:00	1:30
3. Victor Lemus	6:25	11:00	12:00	1:30
4. Jean Carlos L	7:15	11:00	12:00	1:30
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				

13. Daily Logs

Wed

JKS Industries

ON-SITE DAILY SIGN- IN SHEET

Date : 8-1-18
Project Name: Kiewit AP-3418-311
Project NO: AP-3418-311
Supervisor: Andre Williams

NAME	Initial	EMPLOYER	TIME IN	TIME OUT	TIME IN	TIME OUT	TOTAL
Andre Williams		JKS	7:00	—	—	5:00	9.5
Paul Williams		JKS	7:00	11:30	12:30	4:30	9
Victor Lerma	VL	JKS	7:00	11:30	12:30	3:30	8

TOTAL 26.5

JKS IDUSTRIES LLC DAILY PROJECT LOG

Job # 1P-39 Kiewit Job Name: Kiewit Report # ____

Date 8-1-18 Day Wed Month Aug Year 2018

Project Manager Reuben Superintendent Andre Williams

Work Performed Today	Pre clean & Setup
7:30	Remove trash & debri, carpet dressers, Cabnets
	Setup water dog
	Setup generator
1:00	Remove Doors and set critirals

Weather:	
Temp. Hi ____ Low ____	
Safety Meeting	
Topic:	
Work Force	Number
Project Manager	
Project Supervisor	1
Operators	
Laborers	
Tradesmen	3
Other:	
Other:	
Other:	

Materials Used	Quantity
6 mil	2
6mil Tape	

Material Purchased/Delivered

Problems - Delays, Safety Issues

Place is very dirty with needles ~~and~~ animal and humans feces

Subcontractor Progress

Inspections

~~Work~~

Supervisor: Work

Equipment Rented Today	Rented From	Insp Chklist Complete?	Equipment	Hours

Visitors (Incl. Subs, Clients, etc)	Time In/Time Out	Activity Onsite

JKS Industries

Thurs

ON-SITE DAILY SIGN- IN SHEET

Date : 8 - 2 - 18
Project Name: Kuwait AP-34 (18-311)
Project NO: 18-311
Supervisor: Andre Williams

NAME	Initial	EMPLOYER	TIME IN	TIME OUT	TIME IN	TIME OUT	TOTAL
Andre Williams	AW	JKS	7:00	—	—	5:00	10
Paul Williams		JKS	7:00	11:30	12:30	4:30	9
Victor Lesma	VL	JKS	7:00	11:30	12:30	3:30	8
Juan Carlos Lerma	JC	JKS	7:00	11:30	12:30	3:30	8
						TOTAL	35

JKS IDUSTRIES LLC DAILY PROJECT LOG

Job # AP-34 Job Name: Kiewit Report #
Date 8-2-18 Day Thursday Month Aug Year 2018

Project Manager Ruben Superintendent Andre Williams

Work Performed Today Finish setup and start demolition

7:30	Continue setting up containment trying to maintain neg air pressure house ~~has~~ many holes behind walls and under floor
1:00	Set up loadout and decon
2:30	Exploratory Demo of wall and ceiling

Weather:

Temp. Hi Low

Safety Meeting

Topic:

Work Force	Number
Project Manager	
Project Supervisor	
Operators	
Laborers	
Tradesmen	
Other:	
Other:	
Other:	

Materials Used	Quantity

Material Purchased/Delivered

Problems - Delays, Safety Issues

Even Though criticals are in place and containment is in place airpressure is low .024

Waiting on dumpster from 5280

Subcontractor Progress

Inspections

Supervisor: Containment

Equipment Rented Today	Rented From	Insp Chklist Complete?	Equipment	Hours

Visitors (Incl. Subs, Clients, etc)	Time In/Time Out	Activity Onsite

~~tued~~ Friday

JKS Industries

ON-SITE DAILY SIGN- IN SHEET

Date : 08-3-18
Project Name: Kuwait AP-34
Project NO: AP-34 (18-311)
Supervisor: Andre Williams

NAME	Initial	EMPLOYER	TIME IN	TIME OUT	TIME IN	TIME OUT	TOTAL
Andre Williams	aw	JKS	7:00	—	—	4:30	9.5
Paul [illegible]	PW	JKS	7:00	—	—	4:30	9
Victor Lerma		JKS	7:00			3:30	8
Jean Carlos L		JKS	7:00			3:30	8
						TOTAL	34.5

JKS IDUSTRIES LLC DAILY PROJECT LOG

Job # AP-34 Job Name: Kiewit AP-34 Report #
Date 8-3-18 Day ~~Wed~~ Friday Month Aug Year 2018

Project Manager Jeff Superintendent Andre Williams

Work Performed Today	Setup Direct loadout & Demolition
7:30	Build and Setup direct loadout while waiting on dumpster to arrive
	Begin demolition of walls starting from east to west / walls only stopping when neg air pressure drops to low (below .020)
1:00	R 1/2 rooms walls are demoed, Begin demolition of the ceiling from east to west

Weather:	
Temp. Hi	Low
Safety Meeting	
Topic:	

Work Force	Number
Project Manager	
Project Supervisor	
Operators	
Laborers	
Tradesmen	
Other:	
Other:	
Other:	

Materials Used	Quantity

Material Purchased/Delivered

Problems - Delays, Safety Issues

Having to stop and critical holes on the inside of exterior walls

Waiting on dumpster arrived at 2:30

Subcontractor Progress

Inspections

Supervisor: work & containment

Equipment Rented Today	Rented From	Insp Chklist Complete?	Equipment	Hours

Visitors (Incl. Subs, Clients, etc)	Time In/Time Out	Activity Onsite

~~Friday~~ Saturday

JKS Industries

ON-SITE DAILY SIGN- IN SHEET

Date : 8-4-18
Project Name: Kiewit AP-34
Project NO: AP-34
Supervisor: Andre Williams

NAME	Initial	EMPLOYER	TIME IN	TIME OUT	TIME IN	TIME OUT	TOTAL
Andre Williams	aw	JKS	7:30			5:00	9
Paul W	PW	JKS	8:00	11:30	12:30	4:30	8.5
Alex Mathis Carrasco	AMC	JKS	8:00	11:30	12:30	4:30	8
Jamrob Ramirez	JR	JKS	8:00	11:30	12:30	4:30	8
Juan Cardoza	JC	JKS	8:00	11:30	12:30	4:30	8
Lucia Garza	LG	JKS	8:00	11:30	12:30	4:30	8
~~Theo Rowland~~	~~JR~~	~~JKS~~	~~12:30~~			~~4:30~~	~~4~~
						TOTAL	

JKS IDUSTRIES LLC DAILY PROJECT LOG

Job # AP-34 Job Name: Kiewit Report #
Date 6-4-18 Day Saturday Month Aug Year 2018
Project Manager Ruben Superintendent Andre Williams

Work Performed Today Demolition & Removing Trans.

8:15 Load dumpster and continue to remove plaster walls and ceiling

8:20 Remove transite Panels from the back of the house

11:30 Lunch

3:30 75% of the walls and ceiling are demoed and dumpster is about 75% full

make repairs on critical barriers neg air pressure down to .018

Weather:	
Temp. Hi	Low
Safety Meeting	
Topic:	

Work Force	Number
Project Manager	
Project Supervisor	
Operators	
Laborers	
Tradesmen	
Other:	
Other:	
Other:	

Materials Used	Quantity

Material Purchased/Delivered

Problems - Delays, Safety Issues

N/A

Subcontractor Progress

Inspections

Supervisor: Work & Containment

Equipment Rented Today	Rented From	Insp Chklist Complete?	Equipment	Hours

Visitors (Incl. Subs, Clients, etc)	Time In/Time Out	Activity Onsite

Monday

JKS Industries

ON-SITE DAILY SIGN- IN SHEET

Date : 8 - 6 - 18
Project Name: Kuwait AP-34
Project NO: AP-34
Supervisor: Andre Williams

NAME	Initial	EMPLOYER	TIME IN	TIME OUT	TIME IN	TIME OUT	TOTAL
Andre Williams	AW	JKS	7:00	12:00	1:00	5:30	10
Paul W	PW	JKS	7:00	12:00	1:00	5:30	10
Victor Lerme	VL	JKS	7:00	12:00	1:00	5:30	10
						TOTAL	

JKS IDUSTRIES LLC DAILY PROJECT LOG

Job # AP-34 Job Name: Kewit AP-34 Report # _____

Date 8-6-18 Day Monday Month Aug Year 2018

Project Manager Ruben Superintendent _____

Work Performed Today Demolition & Final clean

7:30
Remove Plaster from the last room and continue to Final clean ~~con~~containment

11:00
100% of the plaster has been removed and Loaded out, continue to final clean and prepare to wash and leaf blow containment

12:00 Lunch

1:00 Begin to wash containment

Weather: _____

Temp. Hi _____ Low _____

Safety Meeting

Topic:

Work Force	Number
Project Manager	
Project Supervisor	
Operators	
Laborers	
Tradesmen	
Other:	
Other:	
Other:	

Materials Used	Quantity

Material Purchased/Delivered

Problems - Delays, Safety Issues

Short work crew, power washer keeps cutting off

Subcontractor Progress

Inspections

Supervisor: Work & containment

Equipment Rented Today	Rented From	Insp Chklist Complete?	Equipment	Hours

Visitors (Incl. Subs, Clients, etc)	Time In/Time Out	Activity Onsite

JKS Industries

Tuesday

ON-SITE DAILY SIGN- IN SHEET

Date : 08-07-18
Project Name: Kiewit AP.34718-311
Project NO: AP-34 18-311
Supervisor: Andre Williams

NAME	Initial	EMPLOYER	TIME IN	TIME OUT	TIME IN	TIME OUT	TOTAL
Andre Williams	aw	JKS	6:00	~~11:00~~		4:00	10
Paul W	PW	JKS	6:00	11:00	12:00	3:30	9
Victor Lem	VL	JKS	6:00	11:00	12:00	3:30	9
Jean Carlo Diaz	JC	JKS	6:00	~~11:00~~		~~2:00~~	~~8~~
						TOTAL	

JKS IDUSTRIES LLC DAILY PROJECT LOG

Job # 18-311 Job Name: Kiewit AP-34 Report #
Date 08-07 Day Tuesday Month Aug Year 2018
Project Manager Ruben Superintendent Andre Williams

Work Performed Today	Final Clean
6:30	started to wash from top to bottom in the far west room
7:45	washer cuts off while pearl works on it we begin to wash with airless sprayer and make repairs to criticals
9:00	Power washer back running
Lunch	
12:00	Continue to power wash from top to bottom finishing up the middle room, had to make 2 passes building structure is very dirty
4:30	End of day

Weather:

Temp. Hi Low

Safety Meeting

Topic:

Work Force	Number
Project Manager	
Project Supervisor	
Operators	
Laborers	
Tradesmen	
Other:	
Other:	
Other:	

Materials Used	Quantity

Material Purchased/Delivered

Problems - Delays, Safety Issues

Building structure is very dirty
Needing to constantly make repairs to criticals do to power washing

Subcontractor Progress

Inspections

Supervisor: work progress & containment

Equipment Rented Today	Rented From	Insp Chklist Complete?	Equipment	Hours

Visitors (Incl. Subs, Clients, etc)	Time In/Time Out	Activity Onsite

Wed

JKS Industries

ON-SITE DAILY SIGN- IN SHEET

Date : 08-08-18
Project Name: Kicust AP-34 / 18-311
Project NO: 18-311
Supervisor: Andre Williams

NAME	Initial	EMPLOYER	TIME IN	TIME OUT	TIME IN	TIME OUT	TOTAL
AndreWilliams	aw	JKS	6:00	—		4:00	10
PaulWilliams	PW	JKS	6:00	11:00	12:00	3:30	9
VictorLerma	VL	JKS	6:00	11:00	12:00	3:30	9
Jean Carlos Lem			7:00	11:06	12:00	3:30	8
						TOTAL	

JKS IDUSTRIES LLC DAILY PROJECT LOG

Job # 18-311 Job Name: Kiewit AP-34 Report #
Date 08-08 Day Wed Month Aug Year 2018

Project Manager Ruben Superintendent Andre Williams

Work Performed Today Final clean

6:30 Power washing the last room and the loadout room

8:30 starting from west to east with ~~orders~~ washing the floor and making repair to containment

lunch

12:00 floor is up and in the dumpster

wet wipe criticals and apply more tape & glue

2:00 Prep for visual inspection tomorrow morning

Weather:	
Temp. Hi	Low
Safety Meeting	
Topic:	

Work Force	Number
Project Manager	
Project Supervisor	
Operators	
Laborers	
Tradesmen	
Other:	
Other:	
Other:	

Materials Used	Quantity

Material Purchased/Delivered

Problems - Delays, Safety Issues

After removing floor poly we seen many small opening applied tape & glue

Subcontractor Progress

Inspections

Equipment Rented Today	Rented From	Insp Chklist Complete?	Equipment	Hours

Visitors (Incl. Subs, Clients, etc)	Time In/Time Out	Activity Onsite

JKS Industries

Thursday

ON-SITE DAILY SIGN- IN SHEET

Date : 08-09-18
Project Name: Kiewit AP-34
Project NO: 18-311
Supervisor: Andre Williams

NAME	Initial	EMPLOYER	TIME IN	TIME OUT	TIME IN	TIME OUT	TOTAL
Andre Williams	AW	JKS	7:00			4:00	9
Paul W	PW	JKS	7:00	11:00	12:00	3:30	8
Victor Lemus	VL	JKS	7:00	11:00	12:00	3:30	8
Juan Carlos	JC	JKS	7:00	11:00	12:00	3:30	8
						TOTAL	

JKS IDUSTRIES LLC DAILY PROJECT LOG

Job # 18-311 Job Name: Kiewit AP-34 Report #
Date 08-09 Day Thursday Month Aug Year 2018
Project Manager Ruben Superintendent Andre Williams

Work Performed Today Visual Inspection & Air clearance

7:30	Vacuum and detail crevices with screw drivers
	White waiting for the AMS
9:30	AMS arrived and is doing the Visual Inspection
10:30	Passed visual setting pumps for air clearance
11:00	Lunch
1:00	begin setting drop poly around the house to remove transite paneling
1:45	Containment passed Air clearance continue removing transite paneling and teardy down containment
3:30	End of day

Weather:

Temp. Hi Low

Safety Meeting

Topic:

Work Force	Number
Project Manager	
Project Supervisor	
Operators	
Laborers	
Tradesmen	
Other:	
Other:	
Other:	

Materials Used	Quantity

Material Purchased/Delivered

Problems - Delays, Safety Issues

None

Subcontractor Progress

Inspections

Visual & Air clearance

Equipment Rented Today	Rented From	Insp Chklist Complete?	Equipment	Hours

Visitors (Incl. Subs, Clients, etc)	Time In/Time Out	Activity Onsite

JKS Industries

ON-SITE DAILY SIGN- IN SHEET

Date : 8-23-18
Project Name: AP 33 / Central 70
Project NO: AP 33
Supervisor: Abel Casado

	NAME	Initial	EMPLOYER	TIME IN	TIME OUT	TIME IN	TIME OUT	TOTAL
	Abel Casado	AC						
	Jean Barron	JB						
	Hannah Welker	HW						
8/27	Efrain Casado	EC	JKS	7:00				
	Abel Casado	AC	JKS	7:00				
	Antonio Morales	AC	IW					
	[illegible]	MW	IW	720				
	Brandon Franklin	BF	IW	745				
	JAMES WOODS	JW	IW	8:00				
	Hannah Walker	HW	KIE	1:00				
	C Intemeyer	CM	WSP	0900				
8/28	ABEL CASADO	AC	JKS	7:00				
	Efrain Casado	EC	JKS	7:00				
	Mia Stankamp	MS	Kiewit	9:30				
	C Intemeyer	CM	WSP	0930				
							TOTAL	

Job # AP33
Date 8/23/16

JKS IDUSTRIES LLC DAILY PROJECT LOG

Job Name: Central 70
Day Tu
Month Aug
Report #
Year 2016

Project Manager

Superintendent Mario H

Work Performed Today

Demo house using the 210 excavator
Use water trailer to control dust.
load out trucks with trash

Weather: 85
Temp. Hi ✓ Low
Safety Meeting
Topic:

Work Force	Number
Project Manager	
Project Supervisor	
Operators	
Laborers	
Tradesmen	
Other:	
Other:	
Other:	

Materials Used	Quantity

Material Purchased/Delivered

Problems - Delays, Safety Issues

None

Subcontractor Progress

Inspections

210 EX

Equipment Rented Today	Rented From	Insp Chklist Complete?	Equipment	Hours
210 EX	United Rentals	yes	210 02	

Visitors (Incl. Subs, Clients, etc)	Time In/Time Out	Activity Onsite
		N/