

## **Close Out Documents**

**AP-23 - 4639 Vine St.**

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

November 13, 2018

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

**Re: SSCR AP-23 – 4639 Vine St.**

Dear Kiewit Infrastructure Co.

This letter is confirm that all the work associated with the demolition of the structure located at 4639 Vine Street, Denver, CO 80216, also referred as parcel AP-23, is complete.

The scope of work included the demolition of a 1,051 square foot structure, and the removal of the curb and driveway. The scope of work did not include any asbestos abatement or sub-surface soil removal. Asbestos abatement and removal of Regulated Building Materials (RBMs) were performed by others prior to Kiewit taking possession of the property.

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 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 7/26/2018.

The actual scheduled work dates are from 7/26/2018 through 7/29/2018.

Approval issued on: 7/23/2018

Record number: 139914

**Notice Number: 18DE4798D**

For the location specified below:

**Residential 4639 Vine St.**

**4639 Vine St.**

**Denver**

**Denver County**

Fee Paid: \$60.00

Check number: 5100

Asbestos Building Inspector:

**Weston Short**

Cerification No.: 23540

Inspection Date: 01/16/2018

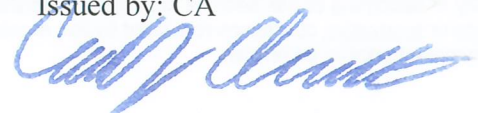
This notice has been issued to:

**JKS Industries, Inc.**

**747 Sheridan Blvd. Unit 9A**

**Lakewood, CO 80214**

Issued by: CA





# 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 ft<sup>2</sup> 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

Colorado Department  
of Public Health  
and Environment

Demolition Contractor	Company Name: <u>JKS Industries</u>		
	Street: <u>747 SHERLOAK BLDG 9A</u>		
	City: <u>LAKEWOOD</u>	State: <u>CO</u>	Zip Code: <u>80214</u>
	Telephone # <u>(303) 238-0207</u>	Fax # <u>(303) 238-0452</u>	
	Project Manager: <u>JEFF NIGHT</u>	Cell Phone # <u>(720) 402-4410</u>	
	I certify that the Certified Asbestos Building Inspector has informed me about any remaining asbestos-containing materials in the facility to be demolished.		
	Signature:	Print Name: <u>JEFF NIGHT</u>	
Landfill Receiving Building Debris: <u>DADS</u>			

Demolition Site	Building Name: <u>Residential</u> <u>4639 Vine Street (AP-23)</u>		
	Square footage of footprint of facility or portion of facility to be demolished <u>1,051 sf</u>		
	Street: <u>4639 Vine Street</u>		
	City: <u>Denver</u>	County: <u>Denver</u>	Zip Code: <u>80216</u>
	Proposed Start Date: <u>7/24/18</u>	Proposed Completion Date <u>7/29/18</u>	
	Method/Mean of Demolition: <input checked="" type="checkbox"/> Wrecking <input type="checkbox"/> Burning <sup>†</sup> <input type="checkbox"/> Implosion <input type="checkbox"/> Moving <input type="checkbox"/> Other, specify:		
	<sup>†</sup> 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) <u>N/A</u>	
	CDPHE Asbestos Permit #	Total Quantity of Asbestos Removed
	Date Removal Completed	Telephone # ( )
	Type(s) of Asbestos-Containing Material Removed:	

Building Owner	Owner's Name: <u>Colorado Department of Transportation</u>		
	Street: <u>15285 South Golden Road, Building 47</u>		
	City: <u>Golden</u>	State: <u>CO</u>	Zip Code: <u>80401</u>
	Contact's Name: <u>Phil Kangas</u>		Telephone # <u>(303) 512-5519</u>

**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) Printed Name: Weston Short

Date of Final Inspection <u>1/16/2018</u>	CO Cert # <u>23540</u>	Expiration Date <u>3/1/2018</u>	Telephone # <u>(303) 825-0777</u>	Cell Phone # <u>(303) 525-6777</u>
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**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

Signature: Printed Name: Phil Kangas

**THIS BOX IS FOR CDPHE USE ONLY:**

Postmark or Hand Delivery Date: <u>7/12/18</u>	Approved By:	Code: <input checked="" type="checkbox"/> initial-310 <input type="checkbox"/> transfer-380
Form of Payment & #: <u>2500 / \$50</u>	Permit #: <u>18D04798D</u>	Record #: <u>139914</u> 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.

JUL 12 2018

APCD  
Stationary  
Sources

### 3. Project Design



## 3a. Pre-Demolition Engineering Survey

Pre-Demolition Survey  
And General Demolition Plan  
For  
**4639 Vine Street**  
**Denver, CO 80216**



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

July 2, 2018  
Project No: 180113

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

July 2, 2018

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

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

Date of Observation: 06/27/18

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 27, 2018.

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

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 Vine Street, 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 Vine Street, 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 building is a single-story residential structure and is assumed to be founded on a spread footings. The structure has a crawlspace with concrete foundation walls. The building is approximately 30'x50' 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 buildings 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 buildings are 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.

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 building superstructure may be collapsed into the crawlspace starting at west side of the building and proceeding thru the length of the building to the east. The north side of the building is in close proximity to the north property line. The property located to the north was not scheduled for demolition at the time of our observation. Once the roof, wall, and floor systems are demolished, foundation 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:



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

## 4. Materials Summary

November 13, 2018

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

RE: AP-23 4639 Vine St – Summary of Removed Materials

Dear Jenn,

Below is a summary of the materials removed from the 4639 Vine St. Denver, CO 80216.

<b>Material Removed</b>	<b>Quantity</b>
Clean Demolition Debris	302,400 Lbs
Clean Concrete (Recyclable)	4,050 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



## 5. Weight Tickets

## 5a. Daily Load Trackers and Associated Truck Tickets

Date: 08-17-18

Project: AP-23

Prepared By: Abel Casado

Dump Site Ticket

	<u>Arrival Time</u>		<u>Departure Time</u>		<u>Load #</u>	<u>Truck #</u>	<u>Material Code</u>	<u>Description</u>	<u>Tons/Yards</u>	<u>Dump Site</u>	<u>Number</u>
117	7:20	am / pm	8:00	am / pm	1	06	Trash	Demo debris	18 yrd	Dads	18-320
117	7:30	am / pm	8:15	am / pm	2	14	Trash	Demo debris	18 yrd	Dads	18-320
117	7:30	am / pm	8:25	am / pm	3	07	Trash	Demo debris	18 yds	Dads	18-320
117	7:20	am / pm	8:35	am / pm	4	15	Trash	Demo debris	18 yds	Dads	18-320
117	10:40	am / pm	11:00	am / pm	5	14	Trash	Demo debris	18 yds	DADS	18-320
117	10:40	am / pm	11:15	am / pm	6	06	Trash	Demo debris	18 yds	DADS	18-320
117	10:40	am / pm	11:30	am / pm	7	07	Trash	Demo debris	18 yds	DADS	18-320
117	10:50	am / pm	11:40	am / pm	8	15	Trash	Demo debris	18 yds	DADS	18-320
117	12:35	am / pm	12:45	am / pm	9	14	Trash	Demo debris	18 yds	DADS	18-320
117	12:45	am / pm	12:55	am / pm	10	06	Trash	Demo debris	18 yds	DADS	18-320
-21	7:20	am / pm	7:30	am / pm	11	15	CONCRETE	DEMO REINCRE	18 yds	ALLIED	18-320
21	7:30	am / pm	7:35	am / pm	12	07	STEEL	DEMO SCRAP	18 yds	PILOT	18-320
21	7:35	am / pm	7:45	am / pm	13	14	TRASH	DEMO DEBRIS	18 yds	DADS	18-320
21	7:45	am / pm	7:55	am / pm	14	06	TRASH	DEMO DEBRIS	18 yds	DADS	18-320
		am / pm		am / pm							
		am / pm		am / pm							
		am / pm		am / pm							
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		am / pm		am / pm							
		am / pm		am / pm							

Backha

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

## LERMA'S OILFIELD TRUCKING & HAULING SERVICES LLC

Date: <u>August 17 2018</u>				
Job#		Job Name:		
Contractor:				
Driver: <u>Sal</u>		Truck# <u>15</u>		
Start Time: <u>6:00</u>		Stop Time: <u>5:30</u>		
From: <u>4639 Vine St</u>		To: <u>DADS Land Field</u>		
Material:				
Load Time	Dump Time	Weight/ Tons	Ticket #	Hours
<u>8-15</u>	<u>9-50</u>			
<u>11-25</u>	<u>12-44</u>			
Total Load:		Total Hours:		
Job Supt. Signature: _____		Driver's Signature: <u>Sal Lem</u>		

# LERMA'S OILFIELD TRUCKING & HAULING SERVICES LLC

Date: <u>August 17 2018</u>				
Job#		Job Name:		
Contractor:				
Driver: <u>Alberto</u>		Truck# <u>07</u>		
Start Time: <u>6.00</u>		Stop Time: <u>5.30</u>		
From: <u>4639 Vine St</u>		To: <u>Dad's</u>		
Material: <u>Demo</u>				
Load Time	Dump Time	Weight/Tons	Ticket #	Hours
<u>8.30</u>	<u>9.40</u>			<u>11.30</u>
<u>11.10</u>	<u>12.45</u>			
Total Load:		Total Hours:		
Job Supt. Signature: _____		Driver's Signature: <u>Alberto</u>		

# LERMA'S OILFIELD TRUCKING & HAULING SERVICES LLC

Date: <u>August 17 2018</u>				
Job#		Job Name:		
Contractor:				
Driver: <u>Elias</u>		Truck# <u>14</u>		
Start Time: <u>0600</u>		Stop Time: <u>530</u>		
From: <u>4639 Vine St</u>		To: <u>Dad's</u>		
Material: <u>Demo</u>				
Load Time	Dump Time	Weight/ Tons	Ticket #	Hours
<u>8:00</u>	<u>9:40</u>			
<u>10:50</u>	<u>11:45</u>			
<u>1:00</u>	<u>1:50</u>			
Total Load: <u>3 Leads</u>		Total Hours:		
Job Supt. Signature: _____		Driver's Signature: <u>[Signature]</u>		

**LERMA'S OILFIELD TRUCKING & HAULING SERVICES LLC**

Date: <u>August 10 2018</u>				
Job#		Job Name:		
Contractor:				
Driver: <u>Rodrigo</u>		Truck# <u>06</u>		
Start Time: <u>6:00 AM</u>		Stop Time: <u>5:30</u>		
From: <u>4639 Vine St</u>		To: <u>DADS Landfill</u>		
Material: <u>Demo</u>				
Load Time	Dump Time	Weight/ Tons	Ticket #	Hours
<u>7:46</u>	<u>9:43</u>			
<u>11:12</u>	<u>12:26</u>			
<u>1:05</u>	<u>2:14</u>			
Total Load:		Total Hours:		
Job Supt. Signature: _____		Driver's Signature: <u>Rodrigo Benitez</u>		









# LERMA'S OILFIELD TRUCKING & HAULING SERVICES LLC

Date: <u>August 21 2018</u>				
Job#		Job Name:		
Contractor:				
Driver: <u>Sal</u>		Truck# <u>15</u>		
Start Time: <u>6:00</u>		Stop Time: <u>5:30</u>		
From: <u>4639 Vine St</u>		To:		
Material: <u>Demo</u>				
Load Time	Dump Time	Weight/Tons	Ticket #	Hours
<u>7-10</u>	<u>9:00</u>	<u>CONCRETE TO HENDERSON PIT</u>		<u>4 1/2</u>
<u>10:30</u>	<u>11:30</u>		<u>AD-86</u>	
<u>1-40</u>	<u>2-40</u>		<u>AD-86</u>	<u>7</u>
Total Load:			Total Hours:	
Job Supt. Signature: _____		Driver's Signature: <u>Sal Lerma</u>		

## 5b. Recycling Weight Tickets

**Delivery**

**120 85, LLC.**  
10925 E. 120th Avenue  
Henderson, CO 80640  
303-731-7542

119057

Customer: Jks industries

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Driver: Salvador Phone: \_\_\_\_\_ Truck #: 5

Job #: 4634 Vine St

Origin of Material: \_\_\_\_\_

Date: 8/21/18

**Daily Tracking Log**

WT	Single Axle	Tandem	End Dump	Side Dump	Price/Load	Amount
Rock/Aggregate/Clay Clean Fill						
Asphalt						
Concrete						
Miscellaneous						
Mixed Load						
<b>TOTAL</b>						

Driver's Signature: \_\_\_\_\_

Inspected By: Sal

For your own safety, you must be suitably trained and equipped.  
Henderson Pit is not liable for injuries, damages or death caused at this site. All drivers enter at their 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.

119057

## 5c. Waste Weight Tickets

Driver's Signature



2336187

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

Original  
Ticket# 3194223

Customer Name	JKSINDUSTRIESLLC	JKS Industri	Carrier	JKS INDUSTRIES	JKS INDUSTRIES
Ticket Date	08/17/2018		Vehicle#	1	Volume
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	Gross	2 lb*
In	08/17/2018 08:03:51	MANUAL WT	SLA		Tare	1 lb*
Out	08/17/2018 08:03:51		SLA		Net	1 lb
			* Manual Weight		Tons	
Comments	10 LOADS					

PLEASE MAKE SURE YOUR TICKET IS CORRECT BEFORE SIGNING.

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 CDY-CONST DEBRIS - 100		180.00	Yards				

Total Fees  
Total Ticket



Date: 08-17-18

Ticket#: 18-320

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: Rodrigo Berumen

Date: 8-17-18

Ticket#: 18-320

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]



Date: 8-17-18 Ticket#: 18-320

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: \_\_\_\_\_

Date: 08-17-18 Ticket#: 18-320

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: Sal Larma

Date: 08-17-18 Ticket#: 18-320 - AP23

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: *Rodriguez*

Date: 08-17-18 Ticket#: 18-320 - AP23

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: *Jh*

Date: 08-17-18

Ticket#: 18-320 - AP23

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: Sal Lerma

Date: 08-17-18

Ticket#: 18-320 - AP23

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: \_\_\_\_\_

Date: 08-17-18

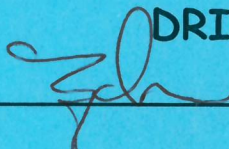
Ticket#: 18-320 - AP 23

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

Signature:  DRIVER

Date: 8-17-18

Ticket#: 18-320 AP23

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: \_\_\_\_\_



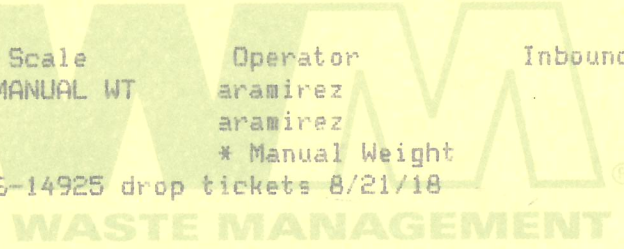
2445670

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

Original  
Ticket# 3196296

Customer Name	JKSINDUSTRIESLLC	JKS Industri	Carrier	JKS INDUSTRIES	JKS INDUSTRIES
Ticket Date	08/21/2018		Vehicle#	1	Volume
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	Gross	2 lb*
In	08/21/2018 09:01:02	MANUAL WT	aramirez		Tare	1 lb*
Out	08/21/2018 09:01:02		aramirez		Net	1 lb
			* Manual Weight		Tons	
Comments	10 loads cdy 306-14925 drop tickets 8/21/18					



PLEASE MAKE SURE YOUR TICKET IS CORRECT BEFORE SIGNING.

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	CDY-CONST DEBRIS - 100	180.00	Yards				

Total Fees  
Total Ticket



Date: 08-21-18

Ticket#: 18-320 AP-23


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: 

Date: 8-21-18

Ticket#: 18-320

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: Rodrigo Berumen

## 6. Dump Diversion Summary

**JKS Industries**  
**AP-23 4639 Vine St.**

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	12	216.00	1,400.00	302,400			
Demolition	Concrete Debris	Cubic Yard	12	1	12.00	4,050.00	48,600	x	48,600	13.85%
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%
				13	228.00		351,000		48,600	13.85%

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.



## 7. Daily Logs



