

2026 Demolition Project
1801 1st Ave S & 605 S 14th St
Fort Dodge, IA

Staff & Contact

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Engineering Department
819 1st Ave S
Fort Dodge, IA 50501

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NOTE: All work and material on this project shall conform to the most current version of the IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) STANDARD SPECIFICATIONS and City of Fort Dodge Supplemental Specification unless otherwise noted on the plans or contract documents. The most current version of the SUDAS Specifications can be reference at the Municipal Building located at 819 1st Ave S, Fort Dodge, IA 50501 or online at www.iowasudas.org.

Instructions to Bidders

Bid Date: Tuesday, March 17th, 2026

Time: 10:00 AM

The work comprising the above referenced project shall be completed in accordance with the MOST CURRENT VERSION OF THE SUDAS STANDARD SPECIFICATIONS and as further modified by supplemental specifications and special provision included in the contract documents. The terms used in the contract revision of the documents are defined in said Standard Specifications. Before submitting your bid, please review the requirements of Division One, General Provisions and Covenants; in particular the sections regarding proposal requirements, bonding, contract execution and insurance requirements. Please be certain that all documents have been completed properly, as failure to complete and sign all documents and to comply with the requirements listed below can cause your bid not to be read. The following information supersedes the information listed in Division 1 – General Provisions and covenants.

Bidder's Knowledge. Bidders are required to examine, to their satisfaction, the plans and specifications and to make sure that the requirements are fully understood. They must satisfy themselves by actual examination of the site as to the nature of the work and all conditions affecting the performance of the contract.

If any person contemplating submitting a bid for the proposed contract is in doubt as to the true meaning of any part of the plans, specifications, or other proposed contract documents, he/she may submit, to the Department of Engineering, a written request for the interpretation thereof. The person submitting the request will be responsible for its prompt delivery. Any interpretation of the proposed documents will be made only by addendum duly issued and a copy of such addendum will be mailed or delivered to each person receiving a set of such documents.

Bidder's Qualifications. Bidders must be capable of performing the work bid upon. They may be required to supply a detailed statement covering experience on similar work, list of machinery, plant and other equipment which will be used on the proposed work, and such statements of their financial resources as may be deemed necessary.

Corporations organized under the laws of any other state shall file with the City Clerk a certificate from the Secretary of the State of Iowa, showing that they have complied with all the provisions of Chapter 494 of the Code of Iowa, governing foreign corporations. Individuals or co-partnerships of other states shall file with the City Clerk an agreement consenting to the jurisdiction of the Courts of Webster County, Iowa, as provided in Section 616.4 of the Code of Iowa, as to all matters arising out of or connected with any contract entered into. Such certificates or agreements shall be on file with the City Clerk before any contract awarded hereunder shall be effective.

Method of Bidding. Bidders will be furnished with blank proposal forms giving the description of the work, the time at which the work must be completed, and the amount of the proposal guaranty which must accompany the proposal, all of which must be in accordance with the official publications relating to the proposed improvement.

When unit prices are indicated on the proposal form, the bidder shall specify the said unit price at which he proposes to do each item of work, written legibly to ensure consideration. The price shall be stated in figures. In items where unit prices are required, the extended amount of each item shall be computed from the unit price bid on the proposal and the quantity given in the estimate. In case of errors in computing the extended amount, the unit price will be assumed to be correct. Failure by the bidder to list unit prices shall be justification for rejection of the bid. Where lump sum is indicated on the proposal, the bidder shall specify, under the column of extended amount, the said lump sum at which he proposes to do the work described for that item.

Submission of Bids. Proposals and Non-Collusion Affidavit Of Prime Bidder shall be placed in an envelope and the envelope sealed and marked to indicate its contents and be accompanied by a certified check or bid bond in a separate envelope, properly endorsed. If forwarded by mail, the two envelopes shall be placed in a third and mailed to the City Clerk's Office. All proposals shall be filed with the City Clerk's Office prior to the time as designated in the Notice to Bidders for opening bids. Any proposal received after the scheduled time for the receiving of proposals will be returned to the bidder unopened and will not be considered. NO FAXES WILL BE ACCEPTED.

If the proposal is made by an individual, his name and post office address must be shown. If made by a firm or partnership, the name and post office address of the firm or partnership must be shown. If made by a corporation, the person signing the proposal must name the state under the law of which the corporation is chartered, and the name, title, and business address of the executive head of the corporation. Anyone signing a proposal as agent may be required to submit satisfactory evidence of his authority to do so.

No bidder shall submit more than one proposal. Reasonable grounds for believing that any bidder is interested in more than one proposal for the work may cause the rejection of all proposals in which such bidder is interested or may cause the disapproval of any contract awarded such bidder.

An extra Proposal form, Non-Collusion Affidavit of Prime Bidder form, and Bid Bond form is included (unattached) with the specifications for use in submitting a bid.

Bid Security. Each bidder shall accompany its bid with bid security in the form of a cashier's check, a certified check, or a bank money order drawn on a FDIC insured bank in Iowa or drawn on a FDIC insured bank chartered under the laws of the United States; or a certified share draft drawn on a credit union in Iowa or chartered under the laws of the United States; or a bid bond executed by a corporation authorized to contract as a surety in Iowa or satisfactory to the Jurisdiction. The bid bond must be submitted on the enclosed Bid Bond form, as no other bid bond forms are acceptable. All signatures on the bid bond must be original signatures in ink; facsimile (fax) of any signature on the bid bond is not acceptable. Bid security other than said bid bond shall be made payable to the Treasurer of the City of Fort Dodge. "Miscellaneous Bank Checks", and personal checks, as well as "Money Orders" and "Traveler's Checks" issued by persons, firms or corporations licensed under Chapter 533B of the Iowa Code, are not acceptable bid security. The bid security must be in an amount equal to five percent (5%) of the total amount of the bid as security that if awarded a contract, the Bidder will enter into a contract at the prices bid and certificate of insurance. The certified check or cashier's check or certified share draft may be cashed, or the bid bond forfeited, and the proceeds retained as liquidated

damages if the bidder fails to execute a contract, provide the required bonds, or file an acceptable certificate of insurance within ten (10) days after the acceptance of his proposal by resolution of the Council. No bidder may withdraw a proposal within thirty (30) days after the date set for opening bids.

A certified check, to be acceptable, shall bear on its face the endorsement of a solvent Iowa bank as to the amount certified, which endorsement shall be signed by an official authorized to bind the bank by his acts.

Proposal guaranties will be returned to the unsuccessful bidders promptly after the award has been made. In no case will the proposal guaranty be held longer than thirty (30) days without written permission of the bidder, except that the proposal guaranty of the bidder to whom the contract is awarded will be retained until he has entered into contract and filed an acceptable bond.

Withdrawal of Bids. Bidders will be permitted to withdraw their proposals after the same have been filed with the City Clerk if the request is made in writing to the Department of Engineering before the time specified for closing of bids. No proposals may be withdrawn after the time specified for opening.

Evaluation of Bids. Proposals will be publicly opened at the time and place announced in the official publication and will be immediately read and recorded. Award will be made as soon thereafter as practicable.

Proposals may be rejected by the City for the following reasons:

- (A) If the proposal form furnished is not used or is altered.
- (B) If the proposal does not include the Iowa Contractor's registration number.
- (C) If there are unauthorized additions, conditional or alternate bids or irregularities of any kind.
- (D) If the bidder adds any provisions reserving the right to accept or reject an award, or to enter a contract pursuant to an award.
- (E) If the prices set out in the schedule are obviously unbalanced.
- (F) If the bidder fails to list a unit price for any item or work when unit prices are called for.

In the award of contracts, consideration will be given not only to the prices bid, but to the mechanical and other equipment, financial responsibility of bidder, and his ability and experience in the performance of like or similar contracts. It is contemplated that the award will be made on the day on which bids are opened, but the right is reserved to postpone the award to a later date, of which bidders will be notified after the bids have been opened, read, and recorded. The City reserves the right to reject any and all bids, to waive technicalities, and to accept that bid which is in the best interest of the City.

Taxes. All bidders shall include in their proposal any sales or use taxes that they are required to pay.

The City of Fort Dodge intends to issue Iowa Sales Tax exemption certificates and authorization letters to the contractors and sub-contractors on this project. With this authorization, the

contractor will not be required to pay Iowa sales tax on material that will remain at the project site.

The following items are not eligible for this sales tax exemption:

| | | |
|---------------------|----------------------------|-------------------------------|
| Barricades | Fuel | Stakes |
| Building equipment* | Hand tools | Tools |
| Compressors | Lathes | Utilities Vehicles (including |
| Cranes | Lodging | grading lifting and |
| Drill press | Machinery* | excavating vehicles) |
| Dynamite | Pile drivers | Warning lights |
| Electric generators | Replacement parts for eqpt | |
| Forms | Scaffolds | |

*Certain restrictions may apply when purchasing machinery or equipment. Contact IDR for details.

The rental of construction equipment for use on a building project is exempt from Iowa Sales or Use tax.

Certain construction-related equipment is not subject to local option tax but remains subject to the state sales tax.

Preference for Labor and Material. The Contractor shall observe the laws of the State of Iowa with regard to preference for labor and materials. In so far as may be done under the law, the Contractor shall give preference to labor residing in the City of Fort Dodge and to local concerns in the purchase of materials, insurance, and bonds.

The Iowa Reciprocal Preference Act (SF2160) applies to the contract with respect to bidders who are not Iowa residents.

Execution of Contract. The bidder to whom the contract has been awarded shall enter into contract with the City of Fort Dodge within ten (10) days after the award has been made. No proposal shall be considered binding upon the City of Fort Dodge until the contract is properly executed by both parties, a current certificate of insurance and the contract bonds are filed with the City Clerk and approved by the council. Failure to execute a contract and to file a certificate of insurance and acceptable bonds in the sum specified within ten (10) days, from date of contract award, shall be just and sufficient cause for the annulment of the award and the forfeiture of the proposal guaranty, to the City of Fort Dodge, liquidation of damages sustained.

Performance, Payments and Maintenance Bond. Not required for this project.

Time for Commencement and Completion of Work. The work shall be commenced on or before a date to be specified in a written "Notice to Proceed" of the City. All demolition and grading work shall be completed within 60 days from the "Notice to Proceed". Placement of topsoil and seeding shall be completed by May 31, 2026. The bidder must also agree to pay as liquidated damages the sum of One Hundred dollars (\$100.00) for each "per calendar" day thereafter.

Proposal

Proposal of _____
(Name of Bidder)

(Address)

(Iowa Contractor's Registration Number)

For the above mentioned project governed by the Plans and Specifications and in approximate estimated quantities shown herein.

TO THE HONORABLE MAYOR AND CITY COUNCIL
CITY OF FORT DODGE, IOWA

The undersigned certifies that an examination has been made of the Plans, Specifications, form of Contract, and the site of the work. It is understood that all quantities of work herein are approximate only, and are subject to increase or decrease, and it is further understood that all quantities of work, whether increased or decreased, are to be performed at the unit prices stipulated herein. The undersigned proposes to furnish all necessary machinery, equipment, tools, labor and other means of construction, and to furnish all materials specified or required, and to do the work according to the plans and specifications and any addenda now on file in the office of the Department of Engineering for the construction of the improvements set forth herein, at the following unit prices:

| Item # | Item Description | Est Qty | | Unit Price | Total Amount |
|---|---|---------|----|------------|--------------|
| Section 1 – 1801 1st Ave S | | | | | |
| 1 | Demolition of 1801 1 st Ave S | 1 | LS | \$ | \$ |
| 2 | Type 1 Seeding | 1 | LS | \$ | \$ |
| 3 | Remove & Replace ROW Sidewalk (N&W) | 50 | SY | \$ | \$ |
| 4 | Replace Drop Curb | 16 | LF | \$ | \$ |
| 5 | Sanitary Sewer Exploratory Excavation | 1 | LS | \$ | \$ |
| 6 | Remove Driveway Approach (West) | 13 | SY | \$ | \$ |
| 7 | Concrete Street Patch (Water Disconnect on 1 st Ave S) | 12 | SY | \$ | \$ |
| Section 1 Total | | | | | \$ |
| Section 2 – 605 S 15th St | | | | | |
| 8 | Demolition of 605 S 14 th St | 1 | LS | \$ | \$ |
| NOTE: All building materials must be handled and disposed of as Regulated Asbestos Containing Material (RACM) by a licensed asbestos contractor, due to structural instability. | | | | | |
| 9 | Type 1 Seeding | 1 | LS | \$ | \$ |
| 10 | Pavement & Sidewalk Removal | 45 | SY | \$ | \$ |
| 11 | Replace Drop Curb | 10 | LF | \$ | \$ |
| 12 | Remove Driveway Approach | 13 | SY | \$ | \$ |
| Section 2 Total | | | | | \$ |
| Total Bid | | | | | \$ |

To do all "Extra Work" which may be required to complete the work contemplated at unit prices or lump sums to be agreed upon in writing prior to starting such work, or if such prices or sums cannot be agreed upon, to perform such work on a force account basis as provided in the Specifications.

Enclosed herewith find bid security in an amount equal to five percent (5%) of the total amount of the bid as a Proposal guarantee. If a bid bond is submitted, it shall be on the bid bond form provided by the Engineer. Upon notice of acceptance of this proposal by the City Council, the undersigned hereby agrees to enter into a contract in the form described by the City Council, and to furnish bonds on the standard forms contained in the Specifications with good and sufficient surety or sureties.

The undersigned further agrees that in case he fails to enter into a contract and furnish the required bonds as prescribed by the City Council within ten (10) days after the acceptance of this proposal, the bid security accompanying this proposal shall be forfeited to the City as

agreed upon liquidated damages. Liquidated damages for non-compliance with the completion date provisions shall be One Hundred Dollars (\$100.00) per calendar day.

The undersigned bidder certifies that this proposal is made in good faith, without collusion or connection with any other person or persons bidding on the work.

The undersigned bidder understands that the City Council reserves the right to accept or reject any or all proposals or to waive formality or technicality in any proposal in the interest of the City.

The foregoing unit prices are the basis upon which the undersigned will accept the contract.

Proposal: Acknowledgment of Addenda

The Bidder hereby acknowledges that all addenda become a part of the contract documents when issued, and that each such addendum has been received and utilized in the preparation of this bid. The Bidder hereby acknowledges receipt of the following addenda by inserting the number of each addendum in the blanks below:

Addendum Number _____ Addendum Number _____
Addendum Number _____ Addendum Number _____

and certifies that said addenda were utilized in the preparation of this bid.

Proposal: Bid Items, Quantities, and Prices

Unit Bid Price Contracts: The Bidder must provide the Unit Bid Price, the Total Bid Price, any Alternate Prices and the Total Construction Costs on the Proposal Attachment: Bid Items, Quantities, and Prices. In case of discrepancy, the Unit Bid Price governs. The quantities shown on the Proposal Attachment: Bid Items, Quantities and Prices are approximate only, but are considered sufficiently adequate for the purpose of comparing bids. The Total Construction Cost plus any alternates selected by the Jurisdiction shall be used only for comparison of bids. The Total Construction Cost, including any Add-Alternates, shall be used for determining the sufficiency of the bid security.

Base Bid Contracts: The Bidder must provide any Bid Prices, any Alternate Prices, and the Total of the Base Bid plus any Add-Alternates on the Proposal Attachment: Bid Items, Quantities and Prices. The Total of the Base bid plus any Alternates selected by the Jurisdiction shall be used only for comparison of bids. The Total of the Base Bid plus any Add-Alternates shall be used for determining the sufficiency of the bid security.

Proposal: General

The Bidder hereby acknowledges that the Jurisdiction, that bids for this project reserves the right to:

1. Reject any or all bids. Award of the contract, if any, to be to the lowest responsible, responsive bidder; and
2. Reject any or all alternates in determining the items to be included in the contract. Designation of the lowest responsible, responsive bidder to be based on comparison of the total bid plus any selected alternates; and
3. Make such alterations in the contract documents or in the proposal quantities as it determines necessary in accordance with the contract documents after execution of the contract. Such alterations shall not be considered a waiver of any conditions of the contract documents, and shall not invalidate any of the provisions thereof; and

The Bidder hereby agrees to:

1. Enter into a contract, if this proposal is selected, in the form approved by the Jurisdiction, provide proof of registration with the Iowa Division of Labor in accordance with Chapter 91C of the Iowa Code; and
2. Forfeit bid security, not as a penalty but as liquidated damages, upon failure to enter into such contract; and
3. Commence the work on this project on or before a date to be specified in a written notice to proceed by the Jurisdiction, and to complete all demolition and grading work within 60 days from the "Notice to Proceed". Placement of topsoil and seeding shall be completed by May 31, 2026. The bidder must also agree to pay liquidated damages for noncompliance with said completion provisions at the rate of One Hundred dollars (\$100.00) for each calendar day thereafter that the work remains incomplete.
4. Comply with all regulations governing the demolition and handling of asbestos containing materials, including but not limited to those specified and set forth in the Iowa Code Chapter 88B. Contractor shall submit the name and state license number of the intended Asbestos Abatement Contractor at the time of bid.

Asbestos Abatement Contractor Information

Asbestos Abatement Contractor Name

State License Number

Respectfully submitted,

Contractor

By

Title

Date of Letting: Tuesday, March 17th, 2026

Bids Received Until: 10:00 AM

Bid Bond

KNOW ALL BY THESE PRESENTS:

That we, _____, as Principal, and _____, as Surety, are held and firmly bound unto the CITY OF FORT DODGE, IOWA, as Obligee, (hereinafter referred to as “the Jurisdiction”), in the penal sum of _____ dollars (\$_____), lawful money of the United States, for which payment said Principal and Surety bind themselves, their heirs, executors, administrators, successors, and assigns jointly and severally, firmly by these presents.

The condition of the above obligation is such that whereas the Principal has submitted to the Jurisdiction a certain proposal, in a separate envelope, and hereby made a part hereof, to enter into a contract in writing, for the following described improvements;

2026 Demolition Project: 1801 1st Ave S & 605 S 14th St
(A City of Fort Dodge Public Improvement Project)

NOW, THEREFORE, if said proposal by the Principal be accepted, and the Principal shall enter into a contract with Jurisdiction in accordance with the terms of such proposal, including the provision of insurance and of a bond as may be specified in the contract documents, with good and sufficient surety for the faithful performance of such contract, for the prompt payment of labor and material furnished in the prosecution thereof, and for the maintenance of said improvements as may be required therein, then this obligation shall become null and void; otherwise, the Principal shall pay to the Jurisdiction the full amount of the bid bond, together with court costs, attorney’s fees, and any other expense of recovery.

Then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

By virtue of statutory authority, the full amount of this bid shall be forfeited to the Jurisdiction in liquidation of damages sustained in the event that the Principal fails to execute the contract and provide the bond as provided in the specifications or by law.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extension of the time within which the Jurisdiction may accept such bid or execute such Contract; and said Surety does hereby waive notice of any such extension.

In the event that any actions or proceedings are initiated with respect to this Bond, the parties agree that the venue thereof shall be Webster County, State of Iowa. If legal action is required by the Jurisdiction against the Surety or Principal to enforce the provisions of the bond or to collect the monetary obligation incurring to the benefit of the Jurisdiction, the Surety or Principal agrees to pay the Jurisdiction all damages, costs, and attorney fees incurred by enforcing any of the provisions of this Bond. All rights, powers, and remedies of the Jurisdiction hereunder shall be cumulative and not alternative and shall be in addition to all rights, powers and remedies given to the Jurisdiction, by law. The Jurisdiction may

proceed against Surety for any amount guaranteed hereunder whether action is brought against Principal or whether Principal is joined in any such action or actions or not.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations, have caused their corporate seals to be affixed and these presents to be signed by their proper officers this _____ day of _____, 20_____.

Witness

Surety:

Principal:

Surety Company

Bidder

By _____
Signature Attorney-in-Fact/Officer

By _____
Signature

Name of Attorney-in-Fact/Office

Name (Print/Type)

Company Name

Title

Company Address

Address

City, State, Zip Code

City, State, Zip Code

Company Telephone Number

Telephone Number

NOTE: All signatures on this bid bond must be original signatures in ink; copies or facsimile of any signature will not be accepted. This bond must be sealed with the Surety's raised, embossing seal. The Certificate or Power of Attorney accompanying this bond must be valid on its face and sealed with the Surety's raised, embossing seal.

Contract

THIS CONTRACT, made and enter this _____ day of _____, by and between the City of Fort Dodge by its Mayor, upon order by Resolution of its City Council, hereinafter called the "Jurisdiction", and _____, hereinafter called the "Contractor."

WITNESSTH:

The Contractor hereby agrees to complete the work comprising the below referenced improvement, as specified in the contract documents, which are officially on file with the Jurisdiction, in the office of the Department of Engineering of Fort Dodge, Iowa. This contract includes all contract documents. The work under this contract shall be constructed in accordance with the MOST CURRENT VERSION OF THE SUDAS STANDARD SPECIFICATIONS, and as further modified by the supplemental specifications and special provisions included in said contract documents. The Contractor further agrees to complete the work in strict accordance with said contract documents, and to guarantee the work as required by law, for the time required in said contract documents, after its acceptance by the Jurisdiction.

This contract is awarded and executed for completion of the work specified in the contract documents for the bid prices shown on the proposal submitted by Contractor in accordance with the Notice to Bidders for the following described improvements:

2026 Demolition Project: 1801 1st Ave S & 605 S 14th St
(A City of Fort Dodge Public Improvement Project)

The Contractor has submitted a proposal, and agrees to perform the work as described and set forth in said plans and specifications, which accurately and fully describe the terms and conditions under which the Contractor is willing to perform said work at the unit prices set forth in said proposal, in consideration of the Jurisdiction's payment of the bid amount of _____ dollars (\$_____), which amount shall constitute the required amount of the payment bond. The Contractor hereby agrees to commence work under this contract on or before a date to be specified in a written notice to proceed by the Jurisdiction and to fully complete the above mentioned project; and to pay liquidated damages for noncompliance with said completion provisions at the rate of One Hundred dollars (\$100.00) for each "per calendar" day thereafter that the work remains incomplete.

NOW, THEREFORE, IT IS AGREED:

1. That the City hereby accepts the attached proposal of the Contractor for the work and sums listed therein.
2. That this Contract consists of the following component parts which are made a part of this Agreement and Contract, as fully and absolutely as if they were set out in detail in this Contract, and they shall govern in priority as listed below:
 - a. Addenda Numbers _____
 - b. The most current version of SUDAS Standard Specifications
 - c. Plans
 - d. Instructions to Bidders
 - e. Special Provisions

- f. Contractor's Proposal
- g. This Instrument
- 3. The work shall be commenced on or before a date to be specified in a written "Notice to Proceed" of the City, the demolition and grading work shall be complete within 60 calendar days. Placement of topsoil and seeding shall be completed by May 31, 2026.
- 4. That payments are to be made to the Contractor in accordance with and subject to the provisions embodied in the documents made a part of this Contract.
- 5. That this Contract is executed in Duplicate.

IN WITNESS WHEREOF, the Parties hereto have hereunto set their hands and seals the date first shown written.

JURISDICTION

By _____
David Flattery, Mayor

(Seal)
ATTEST:

Dawn Siebken, City Clerk

Date

CONTRACTOR

Contractor

By _____
Signature

Title

Street Address

City, State, Zip Code

Telephone

Special Provisions to SUDAS Specifications

(<https://www.iowasudas.org/manuals/specifications-manual/>)

Division 1 – Section 1090 – Part 1.05 Progress Payments

The contractor shall be paid in accordance with the Specifications. The contractor shall submit pay requests to the Engineer; for review and approval no less than 6 business days before the regular scheduled City Council Meetings. Requests for payment will be considered by the City Council at their regular meeting on the second or fourth Monday of each month. If the request for payment is approved by City Council, payment will be made on the Friday following that Council Meeting.

Division 7 – Section 7010 – Part 3.03 Curb and Gutter Construction

1801 1st Ave S: Protect driveway approach on the north side of the property.

Remove drop curb and gutter and replace with 6" curb at the ROW driveway approach on the southwest corner of the property per SUDAS 7010.

605 S 14th St: Remove drop curb and gutter replace with 6" curb at the ROW driveway approach per SUDAS Section 7010.

Division 10 – Section 10,010 – Part 3.02 Utility Disconnections

A. Sanitary Sewer: 1801 1st Ave S: Perform exploratory excavation to determine location of the sanitary sewer layout.

B. Water Service: See Site Map for approximate locations.

Division 10 – Section 10,010 – Part 3.03 Protection of the Public

B. Adjacent Property:

1801 1st Ave S: Remove ROW approach on west (S 18th St) side and restore 6" curb.

Remove and replace ROW sidewalk along 1st Ave S.

The sidewalk on the west along S 18th St shall be replaced as needed if damaged during demolition process.

605 S 14th St: Remove and replace ROW sidewalk.

D. Streets:

1801 1st Ave S: Load demolition materials into trucks on S 18th St. 1st Ave S shall not be used for loading.

Surface restoration shall be paid under a separate bid item.

605 S 14th St: Surface restoration shall be included in the demolition bid item.

Division 10 – Section 10,010 – Part 3.07 Salvage

A. Restrictions:

Remove and return any padlocks to the City Engineer's Office.

Remove any salvageable plywood and contact Judy McGee at 712.297.0410 for collection.

Division 10 – Section 10,010 – Part 3.08 Demolition and Removal

C. Surface Slabs: 605 S 14th St: Surface slabs in the rear yard shall be removed.

D. Vegetation:

Small trees, bushes, and landscaping near structures shall be removed.

Trim and remove dead branches and trees where needed.

- F. Fences: (Adjacent property is privately owned and has not granted the city access)
Protect the fences on the property lines.

Division 10 – Section 10,010 – Part 3.09 Disposal

B. Demolition Material:

Contractor must deliver all demolition material to the North Central Iowa Regional Solid Waste Agency and submit all disposal tickets received from said disposal site.

Contractor must pay all fees associated with disposal of the demolition material.

Division 10 – Section 10,010 – Part 3.10 Asbestos Abatement

1801 1st Ave S: Remove regulated asbestos containing materials per specifications. See attached report.

605 S 14th St: All building materials must be handled and disposed of as (RACM) due to structural instability. No inspection was performed therefore no report is included.

Contractor shall comply with all regulations governing the demolition and handling of asbestos containing materials, including but not limited those specified and set forth in the Iowa Code Chapter 88B. Contractor shall provide the name and state license number of the intended Asbestos Abatement Contractor at the time of bid.

Division 10 – Section 10,010 – Part 3.13 Clean Up and Seeding

- A. Seeding: Topsoil and seeding shall be completed by May 31, 2026.

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Section 10,010 - Demolition of Building Structures (Continued)

Figure

Figure No.

Details for Plugging Water Wells

10010.101

DEMOLITION OF BUILDING STRUCTURES**PART 1 - GENERAL****1.01 SECTION INCLUDES**

- A. Protection of Public and Private Facilities
- B. Demolition of Building Structures
- C. Removal and Disposal of all Site Elements
- D. Site Backfill, Grading, Soil Restoration, and Clean Up
- E. Establishment of Ground Cover

1.02 DESCRIPTION OF WORK

- A. Properly disconnect all public and private utilities.
- B. Comply with local, state, and federal regulations to remove and properly dispose of sidewalks, steps, driveways, and structures (including both above ground and below ground elements).
- C. Comply with local, state, and federal regulations to remove fuel tanks, septic tanks, cisterns, and any other underground facilities; and to properly dispose of any liquids or products contained within these items.
- D. Properly plug or abandon wells.
- E. Place backfill material in holes and depressions, grade the site, and establish ground cover.

1.03 SUBMITTALS

Comply with Division 1 - General Provisions and Covenants, as well as the following:

Seventy-two hours prior to initiating demolition at each site, submit a plan to control erosion and sediment from each site covered by the contract.

1.04 SUBSTITUTIONS

Comply with Division 1 - General Provisions and Covenants.

1.05 DELIVERY, STORAGE, AND HANDLING

Comply with Division 1 - General Provisions and Covenants, as well as the following:

Ensure access to fire hydrants is maintained at all times.

1.06 SCHEDULING AND CONFLICTS

Comply with Division 1 - General Provisions and Covenants, as well as the following:

- A. Submit a schedule of work to the Engineer a minimum of 72 hours prior to commencing activities.
- B. Coordinate with public and private utilities for timely disconnection of service prior to initiating demolition.

1.06 SCHEDULING AND CONFLICTS (Continued)

- C. Submit a traffic control plan to the Engineer 48 hours in advance of any lane or road closures indicating the area of closure and the signs and traffic control devices to be used to set up the closure.

1.07 SPECIAL REQUIREMENTS

- A. The use of explosives is not allowed unless specified in the contract documents.
- B. Use of fire is prohibited.
- C. Obtain all local, state, and federal permits required for execution of the work, including notification to the Iowa DNR according to 40 CFR 61.145. Pay all permit fees.
- D. Property Ownership:
 - 1. Title: The property address, legal description, and ownership will be included in the contract documents. Upon execution of the contract for the work of demolition and site clearance on all or any part of the demolition area, all rights, title, and interest of the Jurisdiction in and to buildings, structures, and other property to be demolished and/or removed by the Contractor on part or all of said project area as described in the contract documents and contract addenda thereto, is vested with the Contractor.
 - 2. Land: No property rights, title, or interest of any kind whatsoever, in or to the land or premises upon which such buildings or structures stand, is created, assigned, conveyed, granted, or transferred to the Contractor or any other person or persons, except only the license and right of entry to remove such buildings and according to the contract documents. Do not use the land or premises, or allow any other party to use the land or premises, for any purpose other than activities in direct support of the demolition of the building.

1.08 MEASUREMENT AND PAYMENT**A. Demolition Work:**

- 1. **Measurement:** Lump sum item; no measurement will be made.
- 2. **Payment:** Payment will be at the lump sum price.
- 3. **Includes:** Unit price includes, but is not limited to, removal of trees, brush, vegetation, buildings, building materials, contents of buildings, appliances, trash, rubbish, basement walls, foundations, sidewalks, steps, and driveways from the site; disconnection of utilities; furnishing and compaction of backfill material; furnishing and placing topsoil; finish grading of disturbed areas; placing and removing safety fencing; removal of fuel and septic tanks and cisterns; seeding; and payment of any permit or disposal fees.

B. Plug or Abandon Well:

- 1. **Measurement:** Each abandoned or plugged well will be counted.
- 2. **Payment:** Payment will be at the unit price for each plugged or abandoned well.
- 3. **Includes:** Unit price includes, but is not limited to, obtaining all permits; plug or abandon private wells according to local, state, and federal regulations.

PART 2 - PRODUCTS**2.01 BACKFILL MATERIAL**

Meet the requirements of [Section 3010, 2.03](#).

2.02 TOPSOIL

Meet the requirements of [Section 2010, 2.01](#).

2.03 SEEDING

Meet the requirements of [Section 9010](#).

2.04 WELL PLUGGING**A. Sealing Materials:**

1. **Neat Cement:** Provide at a ratio of 14 pounds of cement per 1 gallon of water.
2. **Bentonite:** Graded bentonite, bentonite pellets, or bentonite grout.
3. **Sand Cement Grout:** Provide at a ratio of 1 sack of cement, equal volume of masonry sand, and not more than 6 gallons of water.
4. **Concrete:** Provide a Class A, Class B, or Class C mix meeting the requirements of [Iowa DOT Materials I.M. 529](#).

B. Filling Materials: Provide filling materials free of foreign matter and any toxic residue.

1. Sand
2. Pea gravel
3. Class A, B, or C granular surfacing material
4. Agricultural lime

PART 3 - EXECUTION**3.01 GENERAL**

- A. Protect existing fire hydrants, street lights, traffic signals, utility poles, fire alarm boxes, wire cables, underground utilities, and other appurtenances in the vicinity of the demolition site.
- B. Provide correct type and class of fire extinguishers on site and in equipment. Provide fire extinguishers adjacent to any areas where cutting torches are used.
- C. Comply with noise pollution requirements and any working hour restrictions of the Jurisdiction.
- D. Prior to starting demolition, remove and properly dispose of all volatile or flammable materials such as gasoline, kerosene, benzene, cleaning fluids, paints or paint thinners, household hazardous wastes, or similar products.
- E. Inspect the site for its character and the type of structures to be demolished. The Jurisdiction assumes no responsibility for the condition of existing buildings, structures, and other property within the demolition area, or the condition of the property before or after the solicitation for proposals. No adjustment of proposal price or allowance for any change in conditions that occur after the acceptance of the lowest responsible, responsive proposal will be made.
- F. Pay all disposal costs, including costs related to disposal of specialty items such as household hazardous wastes, appliances, yard wastes, or electronics.

3.02 UTILITY DISCONNECTIONS

Disconnect all utilities prior to initiating demolition.

- A. **Sanitary Sewer:** Disconnect and plug all sanitary sewer service lines according to [Section 4010, 3.08](#) and the Jurisdiction's Plumbing Code. Notify engineer for inspection of the disconnection prior to placing backfill material.
- B. **Water Service:** Disconnect all water services by a licensed plumber according to the Jurisdiction's Plumbing Code requirements. Notify engineer for inspection prior to placing backfill material.
- C. **Storm Sewer:** Disconnect all sump pump and area drain connections to the storm sewer system according to the requirements of the Jurisdiction. Notify engineer for inspection prior to placing backfill material.
- D. **Private Utility Services:** Disconnect all natural gas or propane lines, electric services, communication services, and any other services according to the requirements of the specific utility involved.
- E. **Backfill:** Place backfill material for all service disconnects according to [Section 3010, 3.05](#).
- F. **Surface Restoration:**
 - 1. **Within the Street:** Restore the street surface according to [Section 7040](#).
 - 2. **Public Right-of-way:** Grade and seed according to [Section 9010](#). Provide a 1 year warranty for all seeded areas. If dates do not allow for seeding, complete fine grading and apply mulch until seeding can be completed.

3.03 PROTECTION OF THE PUBLIC

- A. Temporary Fencing:** Erect temporary fencing prior to any work around all excavations, buildings, or other dangerous elements to prevent unauthorized access. Provide a fence 4 feet high minimum. Ensure the fence is consistently restrictive from top to grade and without horizontal openings greater than 2 inches. Maintain fencing until all hazards are eliminated.
- B. Adjacent Property:** Protect structures, parking lots, driveways, sidewalks, utilities, lawns, and other property elements from damage from the demolition activities. Provide sheeting or shoring as necessary to protect adjacent property. Prevent the accumulation of debris and litter on adjacent properties.
- C. Sidewalks:** If sidewalks are to be closed during demolition, submit a sidewalk closure plan that meets the ADA requirements to the Engineer 48 hours prior to the scheduled closure. Install necessary signing and barricades according to the approved closure plan. Sidewalks designated to remain and damaged during the work will be replaced by the Contractor at no cost to the Contracting Authority.
- D. Streets:** Promptly remove any demolition debris, litter, or mud from streets and rights-of-way caused by the demolition work. Repair damage to the street and right-of-way caused by the demolition at no additional cost to the Contracting Authority.
- E. Vehicle Covering:** Cover all open-bodied vehicles transporting demolition debris and trash.
- F. Drainage Facilities:** Maintain or re-establish all tiles, roadway subdrains, culverts, or other drainage facilities not identified in the contract documents for removal.

3.04 ENVIRONMENTAL REQUIREMENTS

- A. Erosion and Sediment Control:** Implement the approved erosion and sediment control plan for each site prior to initiating demolition by placing all required devices; include measures to prevent tracking of mud onto adjacent streets or alleys.
- B. Dust Control:** Comply with all applicable air pollution requirements of the Jurisdiction. Use water or appropriate chemicals for control of dust in the demolition area, on hauling equipment, on adjacent roadways, and when grading the site.
- C. Litter:** Take steps to prevent the generation of litter during demolition and collect all litter from the demolition area at the end of each working day. Load trucks to prevent leakage or blowing of debris.
- D. Septic Tanks and Outdoor Toilets:** Pump out all septic tanks and outdoor toilets using a licensed company. Remove septic tanks and dispose of properly. Demolish outdoor toilet building and remove from site.
- E. Cisterns and Meter Pits:** Pump out and remove all cisterns and meter pits.
- F. Freon:** Identify, handle, and dispose of all Freon containing appliances according to applicable state and federal regulations.
- G. Mercury and PCB:** Handle and dispose of any fluorescent light fixtures and ballasts or thermostats containing polychlorinated biphenyl (PCB) or mercury according to state and federal regulations.
- H. Electronic Wastes:** Comply with local regulations to dispose of all electronic wastes, including TVs, VCRs, DVD players, stereo equipment, cell phones, and computers.

3.05 FUEL TANK REMOVAL

Remove and dispose of all fuel tanks containing gasoline, benzene, kerosene oils, or similar volatile materials, either above or below ground, according to the State Fire Marshal and Iowa DNR regulations.

Pump out or empty all other tanks in a safe manner. Flush immediately with water, carbon dioxide, or nitrogen until gas-free. Prior to tank removal, use appropriate metering equipment to verify the tank is free of all volatile gases. Conduct the test by a competent individual in the presence of the Engineer.

3.06 WELL PLUGGING AND ABANDONMENT

Plug and abandon all wells according to the Iowa Administrative Code, Section 567, Chapter 39. File an Iowa DNR Abandoned Water Well Plugging Record upon completion of the well abandonment.

A. Plugging Procedures, All Wells:

1. Remove all obstructions from the well.
Note: Some high horsepower submersible pumps contain mercury. Contact the Iowa DNR Private Well Program office if the pump motor is separated from the pump head assembly, the motor is positioned horizontally in the well, or if mercury contamination is observed.
2. Remove casing pipe, any curbing, frost pit, or pump house structure to a depth of 4 feet below the ground surface.
3. Introduce sealing or filling material from the bottom of the well, or interval to be filled or sealed, and place progressively upward to the top of the well or interval to be filled or sealed.
4. For placement of neat cement, sand cement grout, or concrete, utilize grout pipe, tremie pipe, cement bucket, or dump bailer to avoid segregation or dilution of the sealing materials during placement.
5. Place bentonite pellets or graded bentonite for sealing by pouring in place and agitating to avoid bridging.
6. Sealing materials may be substituted for filling materials to fill the entire well up to the well cap. This procedure is preferred but not required.

B. Plugging Procedures, Class 1 Wells:

1. Place filling or sealing materials from the bottom of the well to 1 foot below the static water level.
2. Place sealing materials on top of the filling materials up to the static water level to act as a cap.
3. Place filling or sealing materials up to top of 4 feet below the ground surface.
4. Place 1 foot of sealing material on top of filling materials, extending 6 inches beyond the diameter of the well casing.

3.06 WELL PLUGGING AND ABANDONMENT (Continued)**C. Plugging Procedures, Class 2 Wells:****1. Bedrock Well in Single Confined Aquifer (Artesian Well):**

- a. Place filling material from the bottom of the well up to 10 feet below the bottom of the casing string being plugged or the confining layer.
- b. If well flow cannot be overcome by sealing materials, install a bridge plug or packer in the bottom of the casing.
- c. Place sealing material from a level of 10 feet below the casing string being plugged, or the confining layer if open borehole, to a depth of 10 feet below ground surface.
- d. Place a 6 foot thick cap of neat cement, grout, or concrete to a depth of 4 feet below the ground surface.

2. Bedrock Well in Single Unconfined Aquifer:

- a. Place filling material from the bottom of the well up to 10 feet below the bottom of the casing or confining layer, whichever is less.
- b. Place sealing materials to 10 feet below the ground surface.
- c. Place a 6 foot thick cap of neat cement, grout, or concrete to a depth of 4 feet below the ground surface.

3. Bedrock Well in Multiple Aquifers:

- a. Place filling material in the lowest aquifer from the bottom of the well up to 10 feet below the bottom of the casing or confining layer of the lowest aquifer, whichever is less.
- b. Place 20 feet of neat cement on top of filling material. Allow neat cement to develop initial set before performing subsequent filling and sealing work. High early strength cement may be used to reduce work stoppage time.
- c. Place sealing materials in at least the top 10 feet of each subsequent aquifer, extending at least 10 feet into the confining layer or casing above. Allow sufficient time for initial set before performing subsequent filling or sealing work.
- d. Place filling materials between subsequent aquifer seals.
- e. Place fill or sealing material from the top of the uppermost aquifer seal to the static water level of the well.
- f. Place sealing materials to 10 feet below the ground surface.
- g. Place a 6 foot thick cap of neat cement, grout, or concrete to a depth of 4 feet below the ground surface.

3.07 SALVAGE

A. Restrictions: Salvage is allowed only on property owned by the Jurisdiction. The ownership of each site is included in the contract documents. Remove all salvaged materials from the site by the end of each day's work.

B. Authorized Workers: Only the Contractor's authorized workers are allowed to salvage or demolish the structure or its contents.

3.08 DEMOLITION AND REMOVAL**A. Structures:**

1. Except for wood frame or non-rigid masonry buildings, start on the top floor and maintain structural parts of buildings, such as columns, beams, and joists, supporting the floor of any building story until the walls, flooring, and partitions of that story are removed.
2. No wall or part of a wall will be allowed to fall outward from any building except through chutes or other controlled method that will ensure safety and minimize dust, noise, and other nuisance.

3.08 DEMOLITION AND REMOVAL (Continued)

3. Remove chimneys or outside portions of chimneys in advance of general demolition. Remove inside chimneys as soon as they become unsupported by reason of removal of other parts of the building.
4. Remove all unstable, free-standing, or inadequately supported building elements prior to the end of each work day.

B. Basements and Foundations: Completely remove and dispose of all basement floors, footings, foundations, and walls unless specifically stated in the contract documents. Notify engineer for inspection prior to filling the basement excavation.

C. Surface Slabs: Remove all concrete, asphalt, or masonry slabs and appurtenances.

D. Vegetation: Remove and dispose of all brush, shrubs, trees, logs, downed timber, and other yard waste on the site unless otherwise specified in the contract documents. Do not mix with demolition material. Remove stumps to a minimum of 2 feet below finish grade.

Protect any trees or other vegetation not designated for removal by placing a fence at the drip line encompassing the entire tree and keeping all operations outside of the fenced in area, including storage of equipment or materials. At no additional cost to the Contracting Authority, replace any trees that are designated for protection but are damaged beyond treatment. The Engineer will determine size and species of the replacement tree.

E. Retaining Walls: Remove all retaining walls unless otherwise specified in the contract documents. Complete work without damage to adjacent public or private property. Following removal, grade the adjacent slope to a 3:1 (horizontal to vertical) slope or flatter.

F. Fences: Remove all fences, guardrails, posts, and other appurtenances unless on a property line with adjacent private property and designated for retention in the contract documents. Fill and compact soil in all post holes.

G. Miscellaneous Objects: Remove all clotheslines, signs, piping, posts, or any other objects protruding from the ground and fill any resulting hole.

3.09 DISPOSAL

A. Appliances, Electronics, Tires, Trash, Household Hazardous Waste, and Rubbish: Remove all appliances, electronics, tires, trash, household hazardous wastes, and rubbish from the site leaving the site free of debris. Dispose of appliances, electronics, tires, rubbish, household hazardous wastes, and trash according to local and state regulations and not with the demolition material.

B. Demolition Material: Deliver all demolition material to the disposal facility designated in the contract documents according to the rules for that facility. Cover all vehicles used to transport demolition material. The Contractor may submit an alternate disposal facility, fully licensed by the state, for consideration by the Engineer. Submit all disposal tickets received from the disposal facility clearly indicating the specific address of the origin of the demolition debris. Pay all fees associated with disposal of the demolition material.

3.10 ASBESTOS ABATEMENT

All asbestos or asbestos containing materials will be removed prior to the demolition by a licensed asbestos contractor through a separate contract. Notify the Engineer if asbestos is discovered in the demolition process. No further work will be allowed until the asbestos has been removed by a licensed contractor.

3.11 RECYCLING

If specified in the contract documents, certain materials may be required to be recycled from the demolition site. These include bricks, concrete, and recoverable metals. All costs related to recycling and the value received from recycled materials are the Contractor's.

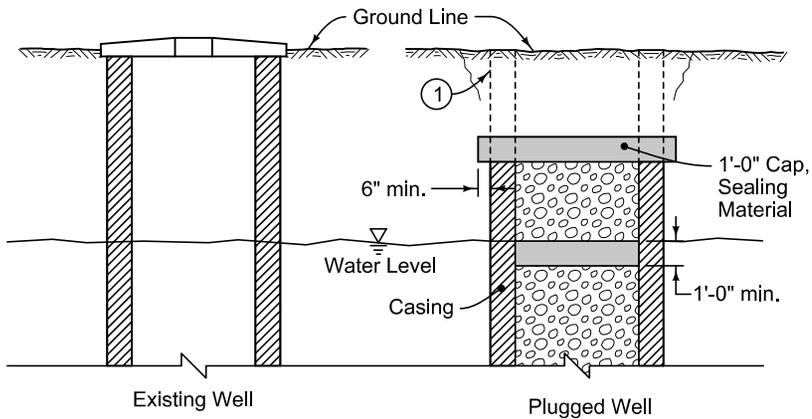
3.12 BACKFILL AND GRADING

- A. Backfill:** Place backfill material in all excavation areas and holes with material meeting [Section 2010, 2.03](#). Unless otherwise specified in the contract documents, compact using Type A compaction as indicated in [Section 2010, 3.04](#). If compaction with moisture and density control is specified, use Section 2010, 3.09. Notify the Engineer 24 hours in advance of compaction testing so a soil density sample can be obtained and analyzed. Provide density testing as specified in the contract documents.
- B. Topsoil:** Strip and stockpile the top 12 inches of topsoil for use as a final topsoil and grading material. If topsoil quality does not meet [Section 2010, 2.01](#), supply additional material to place a minimum of 8 inches over the site. The Engineer will approve the borrowed topsoil material. No payment will be made for supplying additional topsoil material.
- C. Borrow:** If sufficient fill material is not available, supply additional material of equal quality to the soil on the site. Supply suitable material meeting [Section 2010](#). No payment will be made for supplying additional fill material.
- D. Grading:** Grade site to conform with all surrounding areas with a uniform surface that will not allow ponding and does not change drainage patterns that existed prior to demolition. Remove excess excavation material from the site.

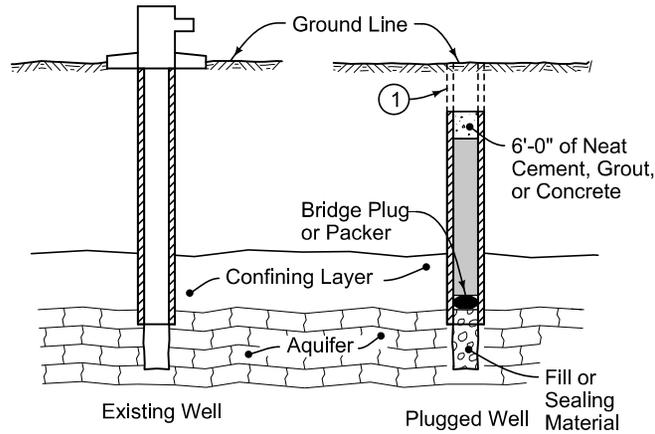
3.13 CLEAN UP AND SEEDING

- A. Clean Up:** Remove all unused material and rubbish from the site. Remove all salvaged materials and any materials recycled. Restore all areas occupied during the course of the work, including the public right-of-way and any private property.
- B. Seeding:** Complete seedbed preparation, seeding, fertilizing, and mulching of the site according to the requirements for permanent urban seeding in [Section 9010, 2.02, A](#). If unable to comply with permanent seeding dates, apply the urban temporary erosion control mixture in [Section 9010, 2.02, D](#).

END OF SECTION

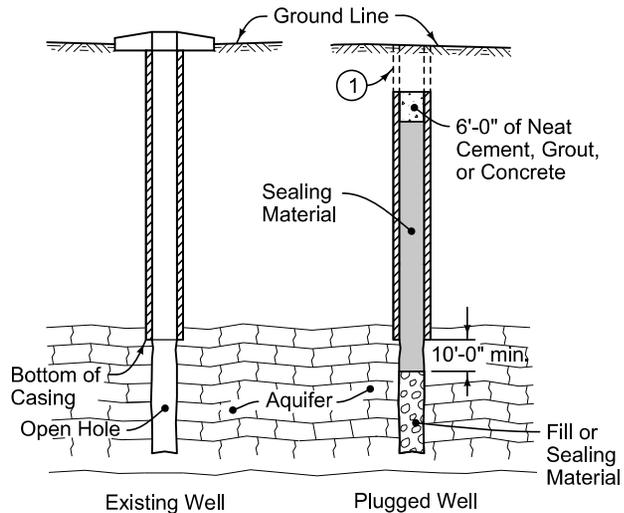


CLASS 1 WELL

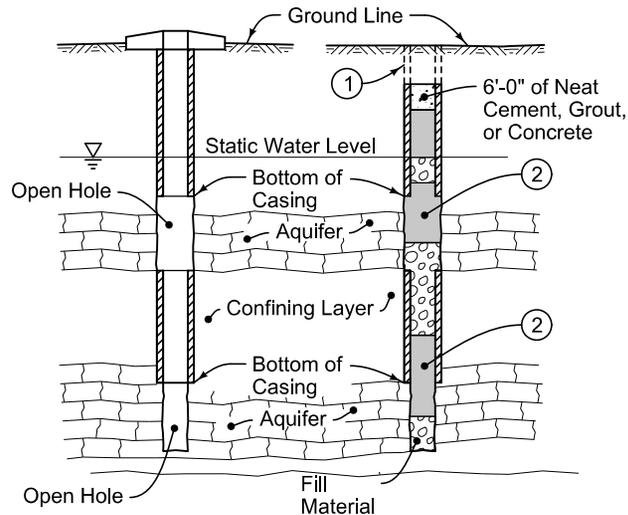


CLASS 2 BEDROCK WELL IN SINGLE CONFINED AQUIFER (Artesian Well)

- ① Remove the top 4 feet of the existing casing pipe.
- ② Place sealing material to a minimum thickness of 20 feet (10 feet minimum above and below bottom of casing or top of the aquifer).



CLASS 2 BEDROCK WELL IN SINGLE UNCONFINED AQUIFER



CLASS 2 BEDROCK WELL IN MULTIPLE AQUIFERS

-  Sealing Material
-  Fill or Sealing Material
-  Neat Cement, Grout, or Concrete

| | |
|---|------------------------|
|  | REVISION |
| | 1 10-21-14 |
| | SUDAS 10010.101 |
| SHEET 1 of 1 | |

SUDAS Standard Specifications

DETAILS FOR PLUGGING WATER WELLS

City of Fort Dodge, IA

Summary

Parcel ID 0720415001
Alternate ID 0002741000
Property Address 1801 1ST AVE S
FORT DODGE IA 50501
Sec/Twp/Rng N/A
Brief Tax Description FTD CARPENTER MORRISON & VINCENT N67' LOT 6 BLK 25
(Note: Not to be used on legal documents)
Deed Book/Page 2024-04947 (12/3/2024)
Contract Book/Page
Gross Acres 0.08
Net Acres 0.08
Adjusted CSR Pts 0
Class M - Residential (MR R3+)
(Note: This is for tax purposes only. Not to be used for zoning.)
District 01000 - FORT DODGE CITY/FORT DODGE SCH
School District FORT DODGE COMMUNITY SCHOOL DISTRICT



Owner

Deed Holder
[City Of Fort Dodge Iowa](#)
[819 1st Ave S](#)
Fort Dodge IA 50501
Contract Holder
Mailing Address
City Of Fort Dodge Iowa
819 1st Ave S
Fort Dodge IA 50501

Land

Map Area FORT DODGE SE-C
Lot Dimensions Regular Lot: 50.00 x 67.00
Lot Area 0.08 Acres;3,350 SF

Residential Dwellings

Residential Dwelling
Occupancy Three-Family Conversion
Style 1 3/4 Story Frame
Architectural Style N/A
Year Built 1896
Condition Observed
Grade [what's this?](#) 4
Roof Asph / Gable
Flooring Carp / Vinyl
Foundation C Blk
Exterior Material Asb
Interior Material Plas
Brick or Stone Veneer
Total Gross Living Area 1,953 SF
Attic Type None;
Number of Rooms 9 above; 0 below
Number of Bedrooms 4 above; 0 below
Basement Area Type Full
Basement Area 1,046
Basement Finished Area
Plumbing 3 Standard Bath - 3 Fixt; 2 Sink;
Appliances
Central Air No
Heat Yes
Fireplaces
Porches 2S Frame Enclosed (35 SF); Frame Encl 2nd Floor (30 SF); 1S Frame Enclosed (84 SF);
Decks
Additions 1 Story Frame (6 SF);
1 Story Frame (12 SF);
Garages

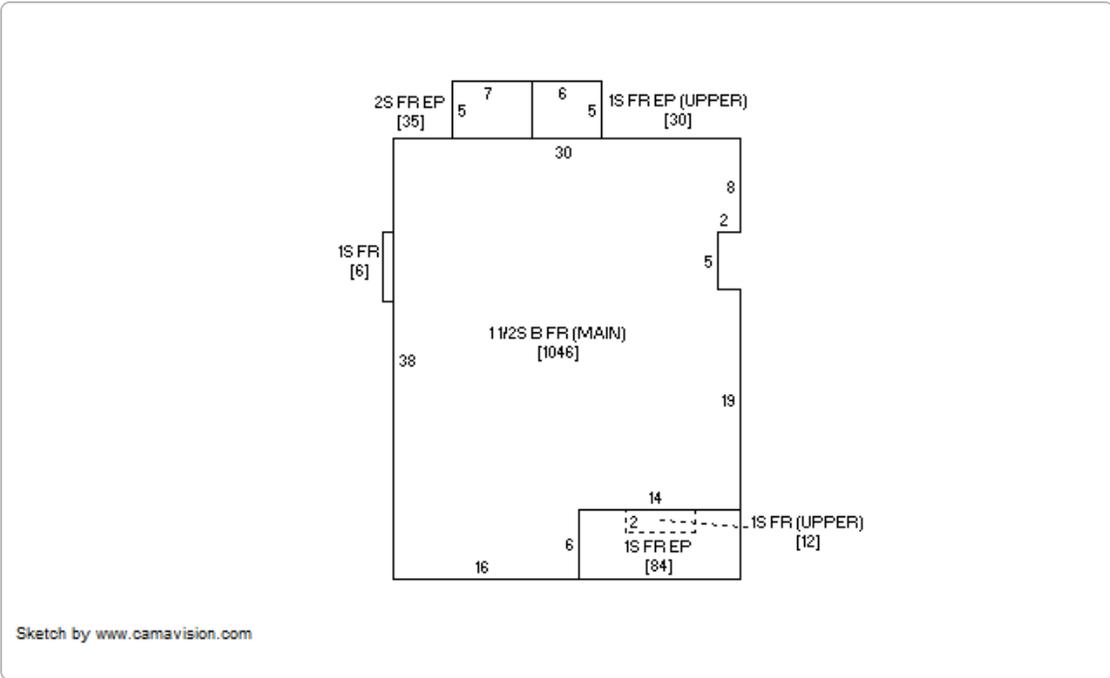
Permits

| Permit # | Date | Description | Amount |
|----------|------------|-------------|--------|
| 45573 | 10/03/2008 | Roof | 10,000 |
| 45564 | 09/29/2008 | Int-Remodel | 4,000 |

Photos



Sketches



No data available for the following modules: Commercial Buildings, Agricultural Buildings, Yard Extras, CSR Soils, Special Assessments, Tax Sale Certificates, Sewer Cards.

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Contact Us



City of Fort Dodge, IA

Summary

Parcel ID 0729131002
Alternate ID 0005074000
Property Address 605 S 14TH ST
FORT DODGE IA 50501
Sec/Twp/Rng N/A
Brief FTD HAIRE & LAUFERSWEILER ADD S43.7' N91.4' OF STRP
& S43.7' N91.4' LOTS 15-16 BLK 2 0729131.002
Tax Description (Note: Not to be used on legal documents)
Deed Book/Page 2025-03103 (7/24/2025)
Contract Book/Page
Gross Acres 0.11
Exempt Acres 0.11
Net Acres 0.00
Adjusted CSR Pts 0
Class R - Residential
(Note: This is for tax purposes only. Not to be used for zoning.)
District 01000 - FORT DODGE CITY/FORT DODGE SCH
School District FORT DODGE COMMUNITY SCHOOL DISTRICT



Owner

Deed Holder
[City Of Fort Dodge Iowa](#)
[819 1st Ave S](#)
Fort Dodge IA 50501
Contract Holder
Mailing Address
City Of Fort Dodge Iowa
819 1st Ave S
Fort Dodge IA 50501

Land

Map Area 18
Lot Dimensions Regular Lot: 44.00 x 109.00
Lot Area 0.11 Acres;4,796 SF

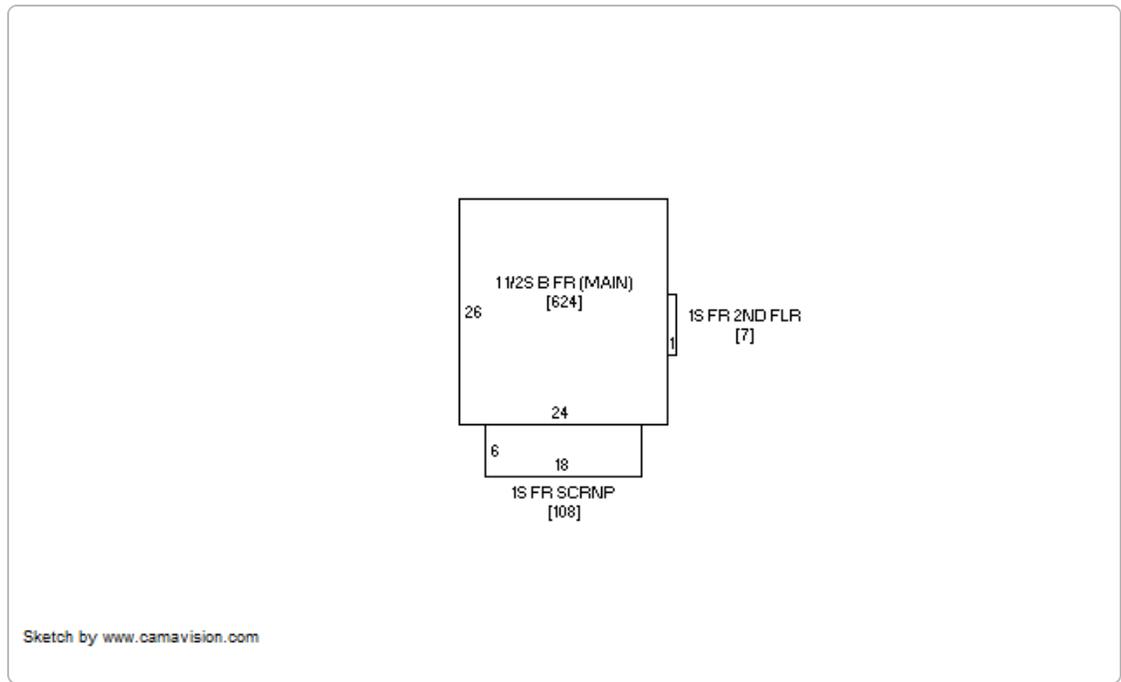
Residential Dwellings

Residential Dwelling
Occupancy Single-Family / Owner Occupied
Style 1 1/2 Story Frame
Architectural Style N/A
Year Built 1911
Condition Poor
Grade [what's this?](#) 4-5
Roof Asph / Gable
Flooring Carp / Vinyl
Foundation TILE
Exterior Material Asb
Interior Material Plas
Brick or Stone Veneer
Total Gross Living Area 1,068 SF
Attic Type None;
Number of Rooms 6 above; 0 below
Number of Bedrooms 3 above; 0 below
Basement Area Type Full
Basement Area 624
Basement Finished Area
Plumbing 1 Standard Bath - 3 Fixt;
Appliances
Central Air No
Heat FHA - Gas
Fireplaces
Porches 1S Frame Screen (108 SF);
Decks
Additions 1 Story Frame (7 SF);
Garages

Photos



Sketches



No data available for the following modules: Commercial Buildings, Agricultural Buildings, Permits, Yard Extras, CSR Soils, Special Assessments, Tax Sale Certificates, Sewer Cards.

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Contact Us

Developed by
 **SCHNEIDER**
GEOSPATIAL



ASBESTOS CONTAINING MATERIALS INSPECTION

Residential Property
1801 1st Avenue South
Fort Dodge, Iowa 50501

Prepared for:

City of Fort Dodge
819 1st Avenue South
Fort Dodge, Iowa 50501

EPA Brownfields Assessment Grant
Grant Number: BF-96707701

Report date:

May 16, 2025

ASBESTOS CONTAINING MATERIALS INSPECTION

Residential Property
1801 1st Avenue South
Fort Dodge, Iowa 50501

Inspected by:

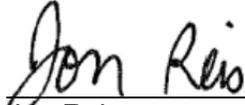


Leon Johnson
Environmental Specialist II
Iowa Certified Asbestos Inspector: 25-128311

Prepared by:

Rhianna Turner
Environmental Specialist I

Reviewed by:



Jon Reis
Senior Project Manager
Iowa Certified Asbestos Inspector: 25-128801

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| 3.0 | PROPERTY DESCRIPTION..... | 3 |
| 4.0 | INSPECTION LIMITATIONS | 3 |
| 5.0 | INSPECTION ACTIVITIES | 3 |
| 6.0 | CONCLUSIONS / RECOMMENDATIONS | 10 |
| 7.0 | CONDITIONS & LIMITATIONS | 10 |

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Table 2 – Non-Asbestos Containing Material Sample List

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APPENDIX B - Laboratory Reports & Chain of Custody Documentation

APPENDIX C - ACM Photographs

APPENDIX D - Sample Location Map(s)

1.0 EXECUTIVE SUMMARY

Eocene Environmental Group, Inc. (Eocene), completed an Asbestos Containing Materials (ACM) Inspection on May 2, 2025 of the existing residential building located at 1801 1st Avenue South, Fort Dodge, Iowa 50501 (Property). The purpose of this ACM Inspection is to document the presence of asbestos containing materials and assist the building owner in facilitating demolition activities of the building.

Asbestos was detected in eighteen (18) of the one hundred (100) samples collected from various building components within the Property's interior and exterior. See Table 1 for additional information. ACMs include:

- Window Glaze(s)
- Wall Caulk
- Asbestos Siding(s)
- Felt Paper
- Vermiculite
- Furnace Duct Wrap(s)
- Linoleum
- Window Caulk
- Duct Pipe Wrap(s)
- Foundation Caulk
- Door Caulk
- Roof Tar

All building materials similar in appearance, color, and/or texture to those determined to contain asbestos must be assumed to contain asbestos throughout this building.

Based on these results, the Property requires further action prior to any demolition activities.

2.0 INTRODUCTION

A. Property Information

Location:

Residential Property
1801 1st Avenue South
Fort Dodge, Iowa 50501

Contact Person:

Paige Wheeler
City of Fort Dodge
819 1st Avenue South
Fort Dodge, Iowa 50501

B. Personnel

Sr. Project Manager: Jon Reis
Inspector: Leon Johnson

State of Iowa License 25-128801
State of Iowa License 25-128311

C. Sampling Plan

According to the Client, the scope of this ACM Inspection includes the entire structure.

This ACM Inspection is in accordance with OSHA Regulation 1926.1101. All samples collected in the field were sent to EMSL, an NVLAP certified laboratory, for analysis. The samples were analyzed via the polarized light microscopy (PLM) method for asbestos content. If requested by Client, samples were further analyzed via the transmission electron microscopy (TEM) method or PLM 400 Point Count analysis method.

D. Regulation Review

The U.S. EPA qualifies asbestos containing materials (ACM) as materials with an asbestos content greater than 1%. According to Iowa OSHA, ACM is any material found to contain asbestos, regardless of its concentration, and shall be regulated as hazardous waste. The following definitions are taken from Section 61.141 of Subpart M, Part 61 of Title 40: Protection of Environment of the Code of Federal Regulations (CFR).

- “Category I nonfriable asbestos-containing material (ACM)” is defined as asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1% asbestos as determined using the method specified in appendix E, subpart E, 40 CFR part 763, section 1, Polarized Light Microscopy (PLM).
- “Category II nonfriable ACM” is defined as any material, excluding Category I nonfriable ACM, containing more than 1% asbestos as determined using the methods specified in appendix E, subpart E, 40 CFR part 763, section 1, PLM that, when dry, **cannot** be crumbled, pulverized, or reduced to powder by hand pressure.
- “Friable asbestos material” is defined as any material containing more than 1% asbestos as determined using the methods specified in appendix E, subpart E, 40 CFR part 763, section 1, PLM that when dry, **can** be crumbled, pulverized, or reduced to powder by hand pressure. If the asbestos content is less than 10% as determined by a method other than point counting by PLM, verify the asbestos content by point counting using PLM.

3.0 PROPERTY DESCRIPTION

The Property consists of a 1,953 square foot one and a half story wooden house with a basement constructed in 1896.

4.0 INSPECTION LIMITATIONS

An Inspection limitation, for the purpose of this report, is any action or task that is limited from the original scope work. The overall reason for any limitation is the protection of Eocene personnel. Examples of limitations can range from a lack of accessibility to an area of the Property, unsafe work areas, collecting additional samples, etc.

- **There were no limitations encountered during this ACM inspection.**

5.0 INSPECTION ACTIVITIES

Iowa certified asbestos inspectors from Eocene collected one hundred (100) samples on May 2, 2025. The samples were collected from various accessible building components located throughout the house. Upon completion of bulk sampling activities, samples were sent to EMSL, an NVLAP certified laboratory, for analysis.

Materials that are “suspected” to contain asbestos are divided into the following three categories:

1. **Surfacing materials** are materials that are sprayed or troweled on for acoustical, decorative, or fireproofing purposes. Examples are textured ceilings or drywall, exterior stucco and structural steel fireproofing;
2. **Thermal System Insulation (TSI)** is insulation used to inhibit heat transfer from pipes, boilers, tanks, ducts, and various other components of hot and cold-water systems and HVAC systems. Examples are hard cementitious “mud” type insulation on pipes, boilers and flues; and,
3. **Miscellaneous** materials are mostly non-friable products and materials such as floor tile, drywall, ceiling tile and roofing felt.

The following tables show samples positively identified by the laboratory to be asbestos containing materials (ACM) and samples that were analyzed as non-ACM. The complete analytical results can be found in Appendix B.

Table 1 – Asbestos Containing Materials Sample List

| Sample # | Material Substance | Material Type (Surf/TSI/Misc) | Friable (Y or N) | Color | Floor | Location | Asbestos Content | Est. Quantity |
|----------|--------------------|-------------------------------|------------------|-------------|-------|-----------------------|------------------|-------------------|
| 01 | Window Glaze | Misc | N | White | 1 | Front Enclosed Porch | 2% Chrysotile | 2 EA |
| 02 | Wall Caulk | Misc | N | Gray | 1 | Front Enclosed Porch | 2% Chrysotile | 40 LF |
| 03 | Asbestos Siding | Misc | N | Gray | 1 | Front Enclosed Porch | 20% Chrysotile | 150 SF |
| 04 | Felt Paper | Misc | Y | Black | 1 | Front Enclosed Porch | <1% Chrysotile | 150 SF |
| 13 | Vermiculite | Misc | N | Brown | 1 | Above Bay Window | <1% Actinolite | 15 SF |
| 27A | Furnace Duct Wrap | TSI | Y | White | B | Room 11 | 50% Chrysolite | 10 LF |
| 27B | Furnace Duct Wrap | TSI | Y | White | B | Room 11 | 50% Chrysolite | Included in above |
| 27C | Furnace Duct Wrap | TSI | Y | White | B | Room 11 | 60% Chrysolite | Included in Above |
| 30 | Linoleum | Misc | N | Brown/White | B | Room 9 | 20% Chrysolite | 200 SF |
| 35 | Window Caulk | Misc | N | White | B | Room 12 | 2% Chrysolite | 40 LF |
| 39A | Duct Pipe Wrap | TSI | Y | White | B | Room 11 | 50% Chrysolite | 30 LF |
| 39B | Duct Pipe Wrap | TSI | Y | White | B | Room 11 | 50% Chrysolite | Included in above |
| 39C | Duct Pipe Wrap | TSI | Y | White | B | Room 11 | 50% Chrysolite | Included in above |
| 61 | Window Glaze | Misc | N | White | Ext | Exterior | <1% Chrysolite | 32 EA |
| 63 | Asbestos Siding | Misc | N | Gray | Ext | Exterior | 20% Chrysolite | 1,750 SF |
| 65 | Foundation Caulk | Misc | N | Gray | Ext | Exterior | <1% Chrysolite | 10 LF |
| 66 | Door Caulk | Misc | N | White | Ext | Exterior – South Side | <1% Chrysolite | 40 LF |
| 71 | Roof Tar | Misc | N | Gray | R | Roof | 4% Chrysolite | 50 LF |

Material Type – Surf=Surfacing, TSI=Thermal System Insulation, Misc=Miscellaneous / **Est. Quantity** – SF=Square foot, LF=Linear foot, EA=Each
B=Basement, R=Roof, Int=Interior, Ext=Exterior

Thirteen (13) bulk material samples were analyzed greater than 1% asbestos. Five (5) of the remaining building material samples were detected with a concentration of <1% asbestos. ACMs include window glaze(s), wall caulk, asbestos siding(s), felt paper, vermiculite, furnace duct wrap(s), linoleum, window caulk, duct pipe wrap(s), foundation caulk, door caulk, and roof tar. If during demolition or renovation activities additional areas of identified ACM are discovered, they should be abated accordingly. Laboratory analytical reports are provided in Appendix B.

Asbestos Containing Material (ACM) is defined as any material containing greater than one percent (>1%) asbestos. Building materials containing equal to one percent (1%) or less than one percent (<1%) asbestos by **point count analysis** are not classified as Regulated Asbestos Containing Material (RACM) by the EPA. Although an asbestos abatement contractor is not required to remove materials containing 1% or less asbestos, these materials must be removed wet and promptly contained and disposed of in leak-tight containers. Materials containing 1% or less asbestos are not required to be disposed of at an approved landfill as asbestos waste material. Employers of those engaging in the disturbance of 1% or less asbestos are required to provide their workers with Asbestos Awareness training of at least two hours prior to disturbance of said materials. Further, those removing materials containing 1% or less asbestos must maintain documentation proving that breathing zone exposures do not exceed either OSHA's permissible exposure limit or short-term excursion limit.

It is important to note that these are estimated quantities; therefore, the abatement contractors and the client representative should discern between the estimated quantity above and future exploration of the property at the pre-bid walk-through to determine the final quantity during abatement procedures.

Table 2 – Non-Asbestos Containing Material Sample List

| Sample # | Material Substance | Material Type (Surf/TSI/Misc) | Friable (Y or N) | Color | Floor | Location | Asbestos Content |
|----------|--------------------|-------------------------------|------------------|--------|-------|---------------|------------------|
| 05 | Linoleum | Misc | N | Black | 1 | Room 1 | ND |
| 06A | Wall Plaster | Surf | N | Gray | 1 | Room 1 | ND |
| 06B | Wall Plaster | Surf | N | White | 1 | Room 1 | ND |
| 06C | Wall Plaster | Surf | N | Gray | 1 | Room 1 | ND |
| 07A | Wall Skim Coat | Surf | N | White | 1 | Room 1 | ND |
| 07B | Wall Skim Coat | Surf | N | White | 1 | Room 1 | ND |
| 07C | Wall Skim Coat | Surf | N | White | 1 | Room 1 | ND |
| 08A | Ceiling Plaster | Surf | N | Gray | 1 | Room 1 | ND |
| 08B | Ceiling Plaster | Surf | N | Gray | 1 | Room 1 | ND |
| 08C | Ceiling Plaster | Surf | N | Gray | 1 | Room 1 | ND |
| 09A | Ceiling Skim Coat | Surf | N | White | 1 | Room 1 | ND |
| 09B | Ceiling Skim Coat | Surf | N | White | 1 | Room 1 | ND |
| 09C | Ceiling Skim Coat | Surf | N | White | 1 | Room 1 | ND |
| 10A | Ceiling Tile | Misc | Y | Beige | 1 | Rooms 1 and 4 | ND |
| 10B | Ceiling Tile | Misc | Y | Beige | 1 | Rooms 1 and 4 | ND |
| 10C | Ceiling Tile | Misc | Y | Beige | 1 | Rooms 1 and 4 | ND |
| 11 | Linoleum | Misc | N | Black | 1 | Rooms 1 and 4 | ND |
| 12 | Linoleum | Misc | N | Red | 1 | Rooms 1 and 4 | ND |
| 14 | Wall Adhesive | Misc | N | Yellow | 1 | Room 3 | ND |
| 15 | Drywall | Misc | N | White | 1 | Room 2 | ND |
| 16A | Drywall Compound | Misc | N | White | 1 | Room 2 | ND |
| 16B | Drywall Compound | Misc | N | White | 1 | Room 2 | ND |
| 16C | Drywall Compound | Misc | N | White | 1 | Room 2 | ND |

Material Type – Surf=Surfacing, TSI=Thermal System Insulation, Misc=Miscellaneous / **Asbestos Content** – ND=None Detected
 B=Basement, R=Roof, Int=Interior, Ext=Exterior

Table 2 – Non-Asbestos Containing Material Sample List (Continued)

| Sample # | Material Substance | Material Type (Surf/TSI/Misc) | Friable (Y or N) | Color | Floor | Location | Asbestos Content |
|----------|---------------------------------|-------------------------------|------------------|--------------|-------|-----------------------------|------------------|
| 17 | Linoleum | Misc | N | Red | B | Room 10 | ND |
| 18 | Linoleum | Misc | N | Black | B | Room 10 | ND |
| 19 | Subfloor | Misc | N | Black | B | Room 10 | ND |
| 20 | Window Caulk | Misc | N | White | B | Room 10 | ND |
| 21 | Window Caulk | Misc | N | White | B | Room 10 | ND |
| 22 | Window Caulk | Misc | N | Beige | B | Room 10 | ND |
| 23A | 12" x 12" Ceiling Tile | Misc | Y | White | B | Room 10 | ND |
| 23B | 12" x 12" Ceiling Tile | Misc | Y | White | B | Room 10 | ND |
| 23C | 12" x 12" Ceiling Tile | Misc | Y | White | B | Room 10 | ND |
| 24 | Linoleum | Misc | N | Black/Beige | B | Room 11 | ND |
| 25 | Linoleum | Misc | N | Yellow/Beige | B | Room 11 | ND |
| 26 | Linoleum | Misc | N | Black/Red | B | Room 11 | ND |
| 28 | Linoleum | Misc | N | Green/Black | B | Room 9 | ND |
| 29 | Linoleum | Misc | N | Beige/Black | B | Room 9 | ND |
| 31 | Window Caulk | Misc | N | White | B | Room 9 | ND |
| 32 | Ceiling Insulation (Fiberglass) | Misc | Y | Pink | B | Throughout Basement Ceiling | ND |
| 33A | 2' x 4' Ceiling Tile | Misc | Y | Brown | B | Room 9 | ND |
| 33B | 2' x 4' Ceiling Tile | Misc | Y | Brown | B | Room 9 | ND |
| 33C | 2' x 4' Ceiling Tile | Misc | Y | Brown | B | Room 9 | ND |
| 34 | Ceiling Tile Adhesive | Misc | N | Yellow | B | Room 9 | ND |
| 36 | Window Adhesive | Misc | N | Brown | B | Room 12 | ND |

Material Type – Surf=Surfacing, TSI=Thermal System Insulation, Misc=Miscellaneous / **Asbestos Content** – ND=None Detected
B=Basement, R=Roof, Int=Interior, Ext=Exterior

Table 2 – Non-Asbestos Containing Material Sample List (Continued)

| Sample # | Material Substance | Material Type (Surf/TSI/Misc) | Friable (Y or N) | Color | Floor | Location | Asbestos Content |
|----------|---------------------------------|-------------------------------|------------------|--------------|-------|-----------------------|------------------|
| 37 | Ceiling Insulation (Fiberglass) | Misc | Y | Yellow | B | Room 12 | ND |
| 38 | Pipe Insulation (Fiberglass) | Misc | Y | Yellow | B | Room 12 | ND |
| 40 | Window Adhesive | Misc | N | Yellow | 1 | Room 6 | ND |
| 41 | Countertop | Misc | N | Brown | 1 | Room 8 | ND |
| 42 | Countertop Adhesive | Misc | N | Yellow | 1 | Room 8 | ND |
| 43 | Wall Linoleum | Misc | N | Black | 1 | Room 7 | ND |
| 44 | Linoleum | Misc | N | Gray | 1 | Room 7 | ND |
| 45 | Bathtub Caulk | Misc | N | White | 1 | Room 7 | ND |
| 46 | Window Caulk | Misc | N | White | 1 | Room 5 | ND |
| 47 | Linoleum | Misc | N | Yellow/Black | 2 | Room 14 | ND |
| 48 | Linoleum | Misc | N | Beige/Black | 2 | Second Floor Stairway | ND |
| 49 | Linoleum | Misc | N | Gray/Black | 2 | Second Floor Stairway | ND |
| 50 | Wall Insulation (Fiberglass) | Misc | Y | White | 2 | Room 18 | ND |
| 51 | Linoleum | Misc | N | Red/Gray | 2 | Room 16 | ND |
| 52 | Linoleum | Misc | N | Beige | 2 | Room 16 | ND |
| 53 | Countertop | Misc | N | Brown | 2 | Room 16 | ND |
| 54 | Countertop Adhesive | Misc | N | Brown | 2 | Room 16 | ND |
| 55 | Backsplash Caulk | Misc | N | White | 2 | Room 16 | ND |
| 56 | Linoleum | Misc | N | Yellow | 2 | Room 15 | ND |
| 57A | Drywall Compound | Misc | N | White | 2 | Room 18 | ND |
| 57B | Drywall Compound | Misc | N | White | 2 | Room 18 | ND |
| 57C | Drywall Compound | Misc | N | White | 2 | Room 18 | ND |

Material Type – Surf=Surfacing, TSI=Thermal System Insulation, Misc=Miscellaneous / **Asbestos Content** – ND=None Detected
B=Basement, R=Roof, Int=Interior, Ext=Exterior

Table 2 – Non-Asbestos Containing Material Sample List (Continued)

| Sample # | Material Substance | Material Type (Surf/TSI/Misc) | Friable (Y or N) | Color | Floor | Location | Asbestos Content |
|------------------------------|--------------------|-------------------------------|------------------|------------|-------|------------------------|------------------|
| 58A | Drywall Tape | Misc | Y | White | 2 | Room 18 | ND |
| 58B | Drywall Tape | Misc | Y | White | 2 | Room 18 | ND |
| 58C | Drywall Tape | Misc | Y | White | 2 | Room 18 | ND |
| 59 | Drywall | Misc | N | White | 2 | Room 18 | ND |
| 60 | Linoleum | Misc | N | Beige | 2 | Room 13 | ND |
| 62 | Window Caulk | Misc | N | White | Ext | All Exterior Windows | ND |
| 64 | Felt Paper | Misc | N | Black | Ext | Throughout Exterior | ND |
| 67 | Shingle | Misc | N | Green/Blue | R | Top Layer of Roof | ND |
| 68 | Felt Paper | Misc | N | Black | R | Top Layer of Roof | ND |
| 69 | Shingle | Misc | N | Green | R | Bottom Layer of Roof | ND |
| 70 | Felt Paper | Misc | Y | Black | R | Bottom Layer of Roof | ND |
| 72 | Roof Tar | Misc | N | Black | R | Roof | ND |
| 73 | Shingle | Misc | N | Black | R | Roof – Window Overhang | ND |
| 74 | Felt Paper | Misc | Y | Black | R | Roof – Window Overhang | ND |
| Dup-1 Linoleum (49-Linoleum) | Linoleum | Misc | N | Gray/Black | 2 | Second Floor Stairway | ND |
| Dup-2 Shingle (67-Shingle) | Shingle | Misc | N | Green/Blue | R | Top Layer of Roof | ND |

Material Type – Surf=Surfacing, TSI=Thermal System Insulation, Misc=Miscellaneous / **Asbestos Content** – ND=None Detected
B=Basement, R=Roof, Int=Interior, Ext=Exterior

6.0 CONCLUSIONS / RECOMMENDATIONS

The following conclusions and recommendations are summarized as follows:

- Asbestos was detected in eighteen (18) of the bulk material samples collected from the residence located at 1801 1st Avenue South, Fort Dodge, Iowa 50501. ACMs include window glaze(s), wall caulk, asbestos siding(s), felt paper, vermiculite, furnace duct wrap(s), linoleum, window caulk, duct pipe wrap(s), foundation caulk, door caulk, and roof tar. Based on the results of the data collected during the assessment, the building requires further action prior to demolition.

Eocene recommends the abatement of all ACM containing components located within the inspection area if those building materials are to be disturbed during any future renovation/demolition activities. All abatement work shall be completed in accordance with local, state, and federal regulations. A visual inspection is recommended upon completion of abatement work to document that all ACMs within the scope of abatement have been removed.

7.0 CONDITIONS & LIMITATIONS

The Iowa Department of Natural Resources' (IDNR) Air Quality Bureau and Occupational Safety and Health Bureau (OSHA) of the Iowa Division of Labor Services require notification of any renovation/demolition activities in non-residential projects if the combined regulated ACM meets or exceeds any of the following thresholds: 160 square feet of surfacing ACM, 260 linear feet of TSI, or 35 cubic feet of ACM debris.

Eocene has performed the tasks contained within this report in a thorough and professional manner consistent with commonly accepted standard industry practices. The results, findings, conclusions and recommendations expressed in this report are based on conditions observed during our survey of the property. Eocene cannot guarantee, and does not warrant, that this report has identified all adverse environmental factors and/or conditions affecting the subject property. This report is not a bidding document or project specification as it does not contain the necessary components. Eocene cannot warrant the work of any third party that may have aided in the completion of this report. This report has been prepared on behalf of and exclusively for use by the City of Fort Dodge for specific application to their project as discussed. Contractors, consultants or other third parties reviewing this report must draw their own conclusions regarding data contained within the report, further investigation or required remediation.

APPENDIX A

Qualifications

LEON JOHNSON

DOB: 10-05-1978

Issued: 01-15-2025



This person is licensed to perform asbestos work in the State of Iowa. ID card is intended for official use only and must be present on jobsite.

| License Type | Number | Expires |
|--------------|----------|------------|
| INSPECTOR | 25-12831 | 12-13-2025 |
| SUPERVISOR | 25-12832 | 12-12-2025 |
| | | |
| | | |
| | | |

IOWA

Asbestos

Larry Johnson, Jr.
Labor Commission

JONATHAN REIS

DOB: 02-13-1984

Issued: 01-27-2025



This person is licensed to perform asbestos work in the State of Iowa. ID card is intended for official use only and must be present on jobsite.

| License Type | Number | Expires |
|------------------|----------|------------|
| INSPECTOR | 25-12880 | 12-13-2025 |
| PROJECT DESIGNER | 25-12881 | 01-13-2026 |
| SUPERVISOR | 24-11399 | 01-17-2025 |
| | | |
| | | |



Asbestos

A handwritten signature in black ink, enclosed in a black rectangular box. The signature appears to read "Larry Johnson, Jr." in a cursive script.

**Larry Johnson, Jr.
Labor Commissioner**

APPENDIX B

Laboratory Reports & Chain of Custody Documentation



EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250

Tel/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com> / indianapolislab@emsl.com

| |
|------------------------------|
| EMSL Order: 162505863 |
| Customer ID: IMPA25 |
| Customer PO: |
| Project ID: |

| | |
|---|---|
| Attention: Leon Johnson Eocene Environmental Group 5930 Grand Ave West Des Moines, IA 50266 | Phone: (515) 473-6256 Fax: (515) 528-8005 Received Date: 05/06/2025 9:48 AM Analysis Date: 05/07/2025 - 05/08/2025 Collected Date: |
| Project: CITY OF FORT DODGE - 1801 1ST AVENUE SOUTH - FULL - LI - 5/2/2025 | |

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|---|--|--|---------------|---|----------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| 01 162505863-0001 | WINDOW GLAZE, WHITE, 1, FRONT ENCLOSED PORCH | Gray/White Non-Fibrous Homogeneous | | 98.0% Non-fibrous (Other) | 2% Chrysotile |
| 02 162505863-0002 | WALL CAULK, GRAY, 1, FRONT ENCLOSED PORCH | Gray/Tan Non-Fibrous Homogeneous | | 10% Quartz 88.0% Non-fibrous (Other) | 2% Chrysotile |
| 03 162505863-0003 | ASBESTOS SIDING, GRAY, 1, FRONT ENCLOSED PORCH | Gray/Tan Fibrous Homogeneous | | 80.0% Non-fibrous (Other) | 20% Chrysotile |
| 04 162505863-0004 | FELT PAPER, BLACK, 1, FRONT ENCLOSED PORCH | Gray/Black Fibrous Homogeneous | 60% Cellulose | 40.0% Non-fibrous (Other) | <1% Chrysotile |
| Result includes a small amount of inseparable attached material | | | | | |
| 05 162505863-0005 | LINOLEUM, BLACK, 1, ROOM 1 | Gray/Tan/Black Fibrous Heterogeneous | 30% Cellulose | 70.0% Non-fibrous (Other) | None Detected |
| 06A 162505863-0006 | WALL PLASTER, GRAY, 1, ROOM 1 | Gray Non-Fibrous Homogeneous | | 20% Quartz 80.0% Non-fibrous (Other) | None Detected |
| 06B 162505863-0007 | WALL PLASTER, WHITE, 1, ROOM 1 | Gray/White Non-Fibrous Homogeneous | <1% Cellulose | 20% Quartz 80.0% Non-fibrous (Other) | None Detected |
| 06C 162505863-0008 | WALL PLASTER, GRAY, 1, ROOM 1 | Gray Non-Fibrous Homogeneous | | 20% Quartz 80.0% Non-fibrous (Other) | None Detected |
| 07A 162505863-0009 | WALL SKIM COAT, WHITE, 1, ROOM 1 | White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. 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 or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. 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. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262, A2LA Accredited - Certificate #2845.25

Initial report from: 05/08/2025 10:13:47



EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250
Tel/Fax: (317) 803-2997 / (317) 803-3047
<http://www.EMSL.com> / indianapolislaboratory@emsl.com

EMSL Order: 162505863
Customer ID: IMPA25
Customer PO:
Project ID:

Attention: Leon Johnson
Eocene Environmental Group
5930 Grand Ave
West Des Moines, IA 50266
Phone: (515) 473-6256
Fax: (515) 528-8005
Received Date: 05/06/2025 9:48 AM
Analysis Date: 05/07/2025 - 05/08/2025
Collected Date:
Project: CITY OF FORT DODGE - 1801 1ST AVENUE SOUTH - FULL - LI - 5/2/2025

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|-----------------------|--|---------------------------------------|---------------|---|---------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| 07B 162505863-0010 | WALL SKIM COAT, WHITE, 1, ROOM 1 | White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 07C 162505863-0011 | WALL SKIM COAT, WHITE, 1, ROOM 1 | White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 08A 162505863-0012 | CEILING PLASTER, GRAY, 1, ROOM 1 | Gray Non-Fibrous Homogeneous | | 20% Quartz 80.0% Non-fibrous (Other) | None Detected |
| 08B 162505863-0013 | CEILING PLASTER, GRAY, 1, ROOM 1 | Gray Non-Fibrous Homogeneous | | 20% Quartz 80.0% Non-fibrous (Other) | None Detected |
| 08C 162505863-0014 | CEILING PLASTER, GRAY, 1, ROOM 1 | Gray Non-Fibrous Homogeneous | | 20% Quartz 80.0% Non-fibrous (Other) | None Detected |
| 09A 162505863-0015 | CEILING SKIM COAT, WHITE, 1, ROOM 1 | White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 09B 162505863-0016 | CEILING SKIM COAT, WHITE, 1, ROOM 1 | White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 09C 162505863-0017 | CEILING SKIM COAT, WHITE, 1, ROOM 1 | White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 10A 162505863-0018 | CEILING TILE, BEIGE, 1, ROOM 1 / ROOM 4 | Brown/White Fibrous Homogeneous | 95% Cellulose | 5.0% Non-fibrous (Other) | None Detected |

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Initial report from: 05/08/2025 10:13:47



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EMSL Order: 162505863
Customer ID: IMPA25
Customer PO:
Project ID:

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Fax: (515) 528-8005
Received Date: 05/06/2025 9:48 AM
Analysis Date: 05/07/2025 - 05/08/2025
Collected Date:
Project: CITY OF FORT DODGE - 1801 1ST AVENUE SOUTH - FULL - LI - 5/2/2025

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|------------------------|--|--|---------------|---|----------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| 10B 162505863-0019 | CEILING TILE, BEIGE, 1, ROOM 1 / ROOM 4 | Brown/White Fibrous Homogeneous | 95% Cellulose | 5.0% Non-fibrous (Other) | None Detected |
| 10C 162505863-0020 | CEILING TILE, BEIGE, 1, ROOM 1 / ROOM 4 | Brown/White Fibrous Homogeneous | 95% Cellulose | 5.0% Non-fibrous (Other) | None Detected |
| 11 162505863-0021 | LINOLEUM, BLACK W/ STAIN, 1, ROOM 1 / ROOM 4 | Brown/Black Fibrous Heterogeneous | 30% Cellulose | 70.0% Non-fibrous (Other) | None Detected |
| 12 162505863-0022 | LINOLEUM, RED W/ STAIN, 1, ROOM 1 / ROOM 4 | Brown/Black Fibrous Heterogeneous | 30% Cellulose | 70.0% Non-fibrous (Other) | None Detected |
| 13 162505863-0023 | VERMICULITE, BROWN, 1, ROOM 1 | Brown/Gold Non-Fibrous Homogeneous | | 98% Vermiculite 2.0% Non-fibrous (Other) | <1% Actinolite |
| 14 162505863-0024 | WALL ADHESIVE, YELLOW, 1, ROOM 3 | Yellow Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 15 162505863-0025 | DRYWALL, WHITE, 1, ROOM 2 | Brown/White Fibrous Heterogeneous | 30% Cellulose | 60% Gypsum 10.0% Non-fibrous (Other) | None Detected |
| 16A 162505863-0026 | DRYWALL COMPOUND, WHITE, 1, ROOM 2 | Gray/White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 16B 162505863-0026A | DRYWALL COMPOUND, WHITE, 1, ROOM 2 | Gray/White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |

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Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|------------------------|--|--|---------------|----------------------------|---------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| 16C 162505863-0026B | DRYWALL COMPOUND, WHITE, 1, ROOM 2 | White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 17 162505863-0027 | LINOLEUM, RED, BSMT, ROOM 10 | Gray/Black Fibrous Heterogeneous | 25% Cellulose | 75.0% Non-fibrous (Other) | None Detected |
| 18 162505863-0028 | LINOLEUM, BLACK, BSMT, ROOM 10 | Tan/Black/Green Fibrous Heterogeneous | 30% Cellulose | 70.0% Non-fibrous (Other) | None Detected |
| 19 162505863-0029 | SUBFLOOR, BLACK, BSMT, ROOM 10 | Black Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 20 162505863-0030 | WINDOW CAULK, WHITE, BSMT, ROOM 10 | White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 21 162505863-0031 | WINDOW CAULK, WHITE, BSMT, ROOM 10 | Gray/White/Black Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 22 162505863-0032 | WINDOW CAULK, BEIGE, BSMT, ROOM 10 | Brown/Beige Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 23A 162505863-0033 | CEILING TILE, WHITE, BSMT, ROOM 10 | Brown/White Fibrous Homogeneous | 95% Cellulose | 5.0% Non-fibrous (Other) | None Detected |
| 23B 162505863-0034 | CEILING TILE, WHITE, BSMT, ROOM 10 | Brown/White Fibrous Homogeneous | 95% Cellulose | 5.0% Non-fibrous (Other) | None Detected |

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| | |
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| Attention: Leon Johnson Eocene Environmental Group 5930 Grand Ave West Des Moines, IA 50266 | Phone: (515) 473-6256 Fax: (515) 528-8005 Received Date: 05/06/2025 9:48 AM Analysis Date: 05/07/2025 - 05/08/2025 Collected Date: |
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Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|------------------------|---|---|--------------------------------|---------------------------|----------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| 23C 162505863-0035 | CEILING TILE, WHITE, BSMT, ROOM 10 | Brown/White Fibrous Homogeneous | 95% Cellulose | 5.0% Non-fibrous (Other) | None Detected |
| 24 162505863-0036 | LINOLEUM, BLACK / BEIGE, BSMT, ROOM 11 | Brown/Black/Beige Fibrous Heterogeneous | 40% Cellulose | 60.0% Non-fibrous (Other) | None Detected |
| 25 162505863-0037 | LINOLEUM, YELLOW / BEIGE, BSMT, ROOM 11 | Tan/Red/Black Fibrous Heterogeneous | 30% Cellulose | 70.0% Non-fibrous (Other) | None Detected |
| 26 162505863-0038 | LINOLEUM, BLACK / RED, BSMT, ROOM 11 | Tan/Red/Black Fibrous Heterogeneous | 20% Cellulose | 80.0% Non-fibrous (Other) | None Detected |
| 27A 162505863-0039 | FURNACE DUCT WRAP, WHITE, BSMT, ROOM 11 | Gray Fibrous Homogeneous | 20% Cellulose | 30.0% Non-fibrous (Other) | 50% Chrysotile |
| 27B 162505863-0039A | FURNACE DUCT WRAP, WHITE, BSMT, ROOM 11 | Gray Fibrous Homogeneous | 20% Cellulose | 30.0% Non-fibrous (Other) | 50% Chrysotile |
| 27C 162505863-0039B | FURNACE DUCT WRAP, WHITE, BSMT, ROOM 11 | Gray Fibrous Homogeneous | <1% Glass | 40.0% Non-fibrous (Other) | 60% Chrysotile |
| 28 162505863-0040 | LINOLEUM, GREEN / BLACK, BSMT, ROOM 9 | Gray/Black/Green Fibrous Heterogeneous | 20% Cellulose 10% Synthetic | 70.0% Non-fibrous (Other) | None Detected |
| 29 162505863-0041 | LINOLEUM, BEIGE / BLACK, BSMT, ROOM 9 | Brown/Black Fibrous Heterogeneous | 15% Cellulose 5% Synthetic | 80.0% Non-fibrous (Other) | None Detected |

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| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|-----------------------|---|---|---------------|----------------------------|----------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| 30 162505863-0042 | LINOLEUM, BROWN / WHITE, BSMT, ROOM 9 | Tan/White Fibrous Heterogeneous | 10% Cellulose | 70.0% Non-fibrous (Other) | 20% Chrysotile |
| 31 162505863-0043 | WINDOW CAULK, WHITE, BSMT, ROOM 9 | White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 32 162505863-0044 | CEILING INSULAITON, PINK, BSMT, ROOM 9 | Gray/Pink Fibrous Homogeneous | 98% Glass | 2.0% Non-fibrous (Other) | None Detected |
| 33A 162505863-0045 | CEILING TILE, BROWN, BSMT, ROOM 9 | Brown/White Fibrous Homogeneous | 95% Cellulose | 5.0% Non-fibrous (Other) | None Detected |
| 33B 162505863-0046 | CEILING TILE, BROWN, BSMT, ROOM 9 | Brown/White Fibrous Homogeneous | 95% Cellulose | 5.0% Non-fibrous (Other) | None Detected |
| 33C 162505863-0047 | CEILING TILE, BROWN, BSMT, ROOM 9 | Brown/White Fibrous Homogeneous | 95% Cellulose | 5.0% Non-fibrous (Other) | None Detected |
| 34 162505863-0048 | CEILING TILE ADHESIVE, YELLOW, BSMT, ROOM 9 | Tan/Green Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 35 162505863-0049 | WINDOW CAULK, WHITE, BSMT, ROOM 12 | Tan/White Non-Fibrous Homogeneous | | 98.0% Non-fibrous (Other) | 2% Chrysotile |
| 36 162505863-0050 | WINDOW ADHESIVE, BROWN, BSMT, ROOM 12 | Brown/White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |

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| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|-----------------------|---|---|---------------|----------------------------|----------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| 37 162505863-0051 | CEILING INSULATION, YELLOW, BSMT, ROOM 12 | Yellow Fibrous Homogeneous | 98% Glass | 2.0% Non-fibrous (Other) | None Detected |
| 38 162505863-0052 | PIPE INSULATION, YELLOW, BSMT, ROOM 12 | Yellow Fibrous Homogeneous | 98% Glass | 2.0% Non-fibrous (Other) | None Detected |
| 39A 162505863-0053 | DUCT PIPE WRAP, WHITE, BSMT, ROOM 11 | Brown/Gray Fibrous Homogeneous | 20% Cellulose | 30.0% Non-fibrous (Other) | 50% Chrysotile |
| 39B 162505863-0054 | DUCT PIPE WRAP, WHITE, BSMT, ROOM 11 | Brown/Gray Fibrous Homogeneous | 20% Cellulose | 30.0% Non-fibrous (Other) | 50% Chrysotile |
| 39C 162505863-0055 | DUCT PIPE WRAP, WHITE, BSMT, ROOM 11 | Brown/Gray Fibrous Homogeneous | 20% Cellulose | 30.0% Non-fibrous (Other) | 50% Chrysotile |
| 40 162505863-0056 | WINDOW ADHESIVE, YELLOW, 1, ROOM 6 | Tan/White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 41 162505863-0057 | COUNTER TOP, BROWN, 1, ROOM 8 | Brown/White Non-Fibrous Homogeneous | 90% Cellulose | 10.0% Non-fibrous (Other) | None Detected |
| 42 162505863-0058 | COUNTERTOP ADHESIVE, YELLOW, 1, ROOM 8 | Yellow Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 43 162505863-0059 | WALL LINOLEUM, BLACK, 1, ROOM 7 | Tan/Black Fibrous Heterogeneous | 20% Cellulose | 80.0% Non-fibrous (Other) | None Detected |

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| Sample | Description | Appearance | <u>Non-Asbestos</u> | | <u>Asbestos</u> |
|----------------------|--|---|---------------------------|----------------------------|----------------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| 44 162505863-0060 | LINOLEUM, GRAY, 1, ROOM 7 | Brown/Gray Fibrous Heterogeneous | 30% Cellulose | 70.0% Non-fibrous (Other) | None Detected |
| 45 162505863-0061 | BATHTUB CAULK, WHITEM 1, ROOM 7 | White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 46 162505863-0062 | WINDOW CAULK, WHITE, 1, ROOM 5 | Brown/White/Green Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 47 162505863-0063 | LINOLEUM, YELLOW / BLACK, 2, ROOM 14 | Black/Yellow Fibrous Heterogeneous | 20% Cellulose | 80.0% Non-fibrous (Other) | None Detected |
| 48 162505863-0064 | LINOLEUM, BEIGE / BLACK, 2, 2ND FLOOR STAIRWAY | Various Fibrous Heterogeneous | 30% Cellulose 5% Glass | 65.0% Non-fibrous (Other) | None Detected |
| 49 162505863-0065 | LINOLEUM, GRAY / BLACK, 2, 2ND FLOOR STAIRWAY | Gray/Red/Black Fibrous Heterogeneous | 30% Cellulose | 70.0% Non-fibrous (Other) | None Detected |
| 50 162505863-0066 | WALL INSULATION, WHITE, 2, ROOM 18 | White Fibrous Homogeneous | 98% Glass | 2.0% Non-fibrous (Other) | None Detected |
| 51 162505863-0067 | LINOLEUM, RED / GRAY, 2, ROOM 16 | Red/Black Fibrous Heterogeneous | 30% Cellulose | 70.0% Non-fibrous (Other) | None Detected |
| 52 162505863-0068 | LINOLEUM, BEIGE, 2, ROOM 16 | Gray/Red/Beige Fibrous Heterogeneous | 30% Cellulose | 70.0% Non-fibrous (Other) | None Detected |

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| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|-----------------------|---|---|---------------|----------------------------|---------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| 53 162505863-0069 | COUNTER TOP, BROWN, 2, ROOM 16 | Brown Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 54 162505863-0070 | COUNTER TOP ADHESIVE, BROWN, 2, ROOM 16 | Brown Fibrous Homogeneous | 70% Cellulose | 30.0% Non-fibrous (Other) | None Detected |
| 55 162505863-0071 | BACKSPLASH CAULK, WHITE, 2, ROOM 16 | White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 56 162505863-0072 | LINOLEUM, GRAY / YELLOW, 2, ROOM 15 | Gray/Black/Yellow Fibrous Heterogeneous | 30% Cellulose | 70.0% Non-fibrous (Other) | None Detected |
| 57A 162505863-0073 | DRYWALL COMPOUND, WHITE, 2, ROOM 18 | White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 57B 162505863-0074 | DRYWALL COMPOUND, WHITE, 2, ROOM 18 | White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 57C 162505863-0075 | DRYWALL COMPOUND, WHITE, 2, ROOM 18 | White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 58A 162505863-0076 | DRYWALL TAPE, WHITE, 2, ROOM 18 | White Fibrous Homogeneous | 95% Glass | 5.0% Non-fibrous (Other) | None Detected |
| 58B 162505863-0077 | DRYWALL TAPE, WHITE, 2, ROOM 18 | White Fibrous Homogeneous | 95% Glass | 5.0% Non-fibrous (Other) | None Detected |

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262, A2LA Accredited - Certificate #2845.25

Initial report from: 05/08/2025 10:13:47



EMSL Analytical, Inc.

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

EMSL Order: 162505863
Customer ID: IMPA25
Customer PO:
Project ID:

Attention: Leon Johnson
Eocene Environmental Group
5930 Grand Ave
West Des Moines, IA 50266
Phone: (515) 473-6256
Fax: (515) 528-8005
Received Date: 05/06/2025 9:48 AM
Analysis Date: 05/07/2025 - 05/08/2025
Collected Date:
Project: CITY OF FORT DODGE - 1801 1ST AVENUE SOUTH - FULL - LI - 5/2/2025

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|-----------------------|--|--|---------------|---|----------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| 58C 162505863-0078 | DRYWALL TAPE, WHITE, 2, ROOM 18 | White Fibrous Homogeneous | 95% Glass | 5.0% Non-fibrous (Other) | None Detected |
| 59 162505863-0079 | DRYWALL, WHITE, 2, ROOM 18 | Brown/White Fibrous Heterogeneous | 60% Cellulose | 30% Gypsum 10.0% Non-fibrous (Other) | None Detected |
| 60 162505863-0080 | LINOLEUM, BEIGE, 2, ROOM 13 | Various Fibrous Heterogeneous | 30% Cellulose | 70.0% Non-fibrous (Other) | None Detected |
| 61 162505863-0081 | WINDOW GLAZE, WHITEM EXT, EXTERIOR | Tan/White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | <1% Chrysotile |
| 62 162505863-0082 | WINDOW CAULK, WHITE, EXT, EXTERIOR | Gray/White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | None Detected |
| 63 162505863-0083 | ASBESTOS SIDING, GRAY, EXT, EXTERIOR | Gray Non-Fibrous Homogeneous | | 80.0% Non-fibrous (Other) | 20% Chrysotile |
| 64 162505863-0084 | FELT PAPER, BLACK, EXT, EXTERIOR | Black Fibrous Homogeneous | 60% Cellulose | 40.0% Non-fibrous (Other) | None Detected |
| 65 162505863-0085 | FOUNDATION CAULK, GRAY, EXT, EXTERIOR | Gray/Tan Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | <1% Chrysotile |
| 66 162505863-0086 | DOOR CAULK, WHITE, EXT, EXTERIOR | Gray/White Non-Fibrous Homogeneous | | 100.0% Non-fibrous (Other) | <1% Chrysotile |

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262, A2LA Accredited - Certificate #2845.25

Initial report from: 05/08/2025 10:13:47



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<http://www.EMSL.com> / indianapolislab@emsl.com

EMSL Order: 162505863
Customer ID: IMPA25
Customer PO:
Project ID:

Attention: Leon Johnson
Eocene Environmental Group
5930 Grand Ave
West Des Moines, IA 50266
Phone: (515) 473-6256
Fax: (515) 528-8005
Received Date: 05/06/2025 9:48 AM
Analysis Date: 05/07/2025 - 05/08/2025
Collected Date:
Project: CITY OF FORT DODGE - 1801 1ST AVENUE SOUTH - FULL - LI - 5/2/2025

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|-------------------------|---|--|--------------------------------|---------------------------|---------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| 67 162505863-0087 | SHINGLE, GREEN / BLUE, EXT, ROOF | Gray/Black/Green Fibrous Heterogeneous | 20% Cellulose | 80.0% Non-fibrous (Other) | None Detected |
| 68 162505863-0088 | FELT PAPER, BLACK, EXT, ROOF | Black Fibrous Homogeneous | 30% Cellulose | 70.0% Non-fibrous (Other) | None Detected |
| 69 162505863-0089 | SHINGLE, GREEN, EXT, ROOF | Black/Green Fibrous Heterogeneous | 20% Cellulose 10% Synthetic | 70.0% Non-fibrous (Other) | None Detected |
| 70 162505863-0090 | FELT PAPER, BLACK, EXT, ROOF | Black Fibrous Homogeneous | 80% Cellulose | 20.0% Non-fibrous (Other) | None Detected |
| DUP-1 162505863-0091 | LINOLEUM, GRAY / BLACK, 2, 2ND FLOOR STAIRWAY | Brown/Red/Black Fibrous Heterogeneous | 30% Cellulose | 70.0% Non-fibrous (Other) | None Detected |
| DUP-2 162505863-0092 | SHINGLE, GREEN / BLUE, EXT, ROOF | Black/Green Fibrous Heterogeneous | 30% Cellulose 10% Synthetic | 60.0% Non-fibrous (Other) | None Detected |
| 71 162505863-0093 | ROFF TAR, GRAY, ROOF | Gray/Black Non-Fibrous Homogeneous | | 96.0% Non-fibrous (Other) | 4% Chrysotile |
| 72 162505863-0094 | ROFF TAR, BLACK, ROOF | Black Non-Fibrous Homogeneous | 10% Cellulose | 90.0% Non-fibrous (Other) | None Detected |
| 73 162505863-0095 | SHINGLE, BLACK, ROOF | Gray/Black Fibrous Heterogeneous | 10% Glass | 90.0% Non-fibrous (Other) | None Detected |

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262, A2LA Accredited - Certificate #2845.25

Initial report from: 05/08/2025 10:13:47



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| |
|------------------------------|
| EMSL Order: 162505863 |
| Customer ID: IMPA25 |
| Customer PO: |
| Project ID: |

| | |
|---|---|
| Attention: Leon Johnson Eocene Environmental Group 5930 Grand Ave West Des Moines, IA 50266 | Phone: (515) 473-6256 Fax: (515) 528-8005 Received Date: 05/06/2025 9:48 AM Analysis Date: 05/07/2025 - 05/08/2025 Collected Date: |
| Project: CITY OF FORT DODGE - 1801 1ST AVENUE SOUTH - FULL - LI - 5/2/2025 | |

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|----------------------|---------------------------|---------------------------------------|---------------|--------------------------|---------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| 74 162505863-0096 | FELT PAPER,BLACK, ROOF | Brown/Black Fibrous Homogeneous | 95% Cellulose | 5.0% Non-fibrous (Other) | None Detected |

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262, A2LA Accredited - Certificate #2845.25

Initial report from: 05/08/2025 10:13:47



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| |
|------------------------------|
| EMSL Order: 162505863 |
| Customer ID: IMPA25 |
| Customer PO: |
| Project ID: |

| | |
|---|---|
| Attention: Leon Johnson Eocene Environmental Group 5930 Grand Ave West Des Moines, IA 50266 | Phone: (515) 473-6256 Fax: (515) 528-8005 Received Date: 05/06/2025 9:48 AM Analysis Date: 05/07/2025 - 05/08/2025 Collected Date: |
| Project: CITY OF FORT DODGE - 1801 1ST AVENUE SOUTH - FULL - LI - 5/2/2025 | |

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: | 05/06/2025 | Sample Receipt Time: | 9:48 AM |
| Analysis Completed Date: | 05/08/2025 | Analysis Completed Time: | 10:04 AM |

Analyst(s):

Hilary Jarvis PLM (30)

Ross Matlock PLM (52)

Sean O'Donnell PLM (18)

Samples Reviewed and approved by:

Asbestos Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262, A2LA Accredited - Certificate #2845.25

Initial report from: 05/08/2025 10:13:47

Ship Date:



Asbestos Chain of Custody EMSL Order Number

(Lab Use Only)

6340 Castleplace Dr.
Indianapolis, IN 46250
Phone: (317)803-2997
Fax: (317)803-3047

162505863

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

| | | | |
|--|-----------|---|-------------------|
| Company: Eocene Environmental Group | | <input checked="" type="checkbox"/> EMSL – Bill to: Same | |
| Street: 8951 Windsor Parkway | | <i>Third Party Billing requires written authorization from third party.</i> | |
| City: Johnston | State: IA | Zip Code: 50131 | Country: USA |
| Report To: Leon Johnson | | Phone: 515-201-8215 | Fax: 515-528-8005 |
| Email Address: ljohnson@eocene.com | | Please Provide results: EMAIL | |
| Project Name: City of Fort Dodge-- 1801 1st Avenue South – Full – U – 5/2/2025 | | | |
| US State Samples Taken: IA | | | |

Turnaround Time (TAT) Options

3-Hour
 6-Hour
 24-Hour
 32-Hour
 48-Hour
 72-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 hr 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 Analytic Price Guide.

| | | |
|--|---|--|
| PLM – BULK (reporting limit) | TEM – Air | <input type="checkbox"/> -4.5hr TAT (AHERA only) |
| <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) | <input type="checkbox"/> AHERA 40 CFR, Part 763 | |

Sampler Names: Leon Johnson Sampler Signature: _____

Check for Positive Stop – Clearly Identify Homogeneous Group Filter Pore Size (Air Samples): 8 µm 45 µm

| Sample ID | Sample Material/Description | Color | Floor | Location | Sample Date |
|-----------|-----------------------------|---------------|-------|----------------------|-------------|
| 01 | Window Glaze | White | 1 | Front Enclosed Porch | 5/2/2025 |
| 02 | Wall Caulk | Gray | 1 | Front Enclosed Porch | 5/2/2025 |
| 03 | Asbestos Siding | Gray | 1 | Front Enclosed Porch | 5/2/2025 |
| 04 | Felt Paper | Black | 1 | Front Enclosed Porch | 5/2/2025 |
| 05 | Linoleum | Black | 1 | Room 1 | 5/2/2025 |
| 06A | Wall Plaster | Gray | 1 | Room 1 | 5/2/2025 |
| 06B | Wall Plaster | White | 1 | Room 1 | 5/2/2025 |
| 06C | Wall Plaster | Gray | 1 | Room 1 | 5/2/2025 |
| 07A | Wall Skim Coat | White | 1 | Room 1 | 5/2/2025 |
| 07B | Wall Skim Coat | White | 1 | Room 1 | 5/2/2025 |
| 07C | Wall Skim Coat | White | 1 | Room 1 | 5/2/2025 |
| 08A | Ceiling Plaster | Gray | 1 | Room 1 | 5/2/2025 |
| 08B | Ceiling Plaster | Gray | 1 | Room 1 | 5/2/2025 |
| 08C | Ceiling Plaster | Gray | 1 | Room 1 | 5/2/2025 |
| 09A | Ceiling Skim Coat | White | 1 | Room 1 | 5/2/2025 |
| 09B | Ceiling Skim Coat | White | 1 | Room 1 | 5/2/2025 |
| 09C | Ceiling Skim Coat | White | 1 | Room 1 | 5/2/2025 |
| 10A | Ceiling Tile | Beige | 1 | Room 1/Room 4 | 5/2/2025 |
| 10B | Ceiling Tile | Beige | 1 | Room 1/Room 4 | 5/2/2025 |
| 10C | Ceiling Tile | Beige | 1 | Room 1/Room 4 | 5/2/2025 |
| 11 | Linoleum | Black w/stain | 1 | Room 1/Room 4 | 5/2/2025 |
| 12 | Linoleum | Red w/stain | 1 | Room 1/Room 4 | 5/2/2025 |
| 13 | Vermiculite | Brown | 1 | Room 1 | 5/2/2025 |
| 14 | Wall Adhesive | Yellow | 1 | Room 3 | 5/2/2025 |
| 15 | Drywall | White | 1 | Room 2 | 5/2/2025 |
| 16 | Drywall Compound | White | 1 | Room 2 | 5/2/2025 |
| 17 | Linoleum | Red | BSMT | Room 10 | 5/2/2025 |
| 18 | Linoleum | Black | BSMT | Room 10 | 5/2/2025 |

Ship Date:

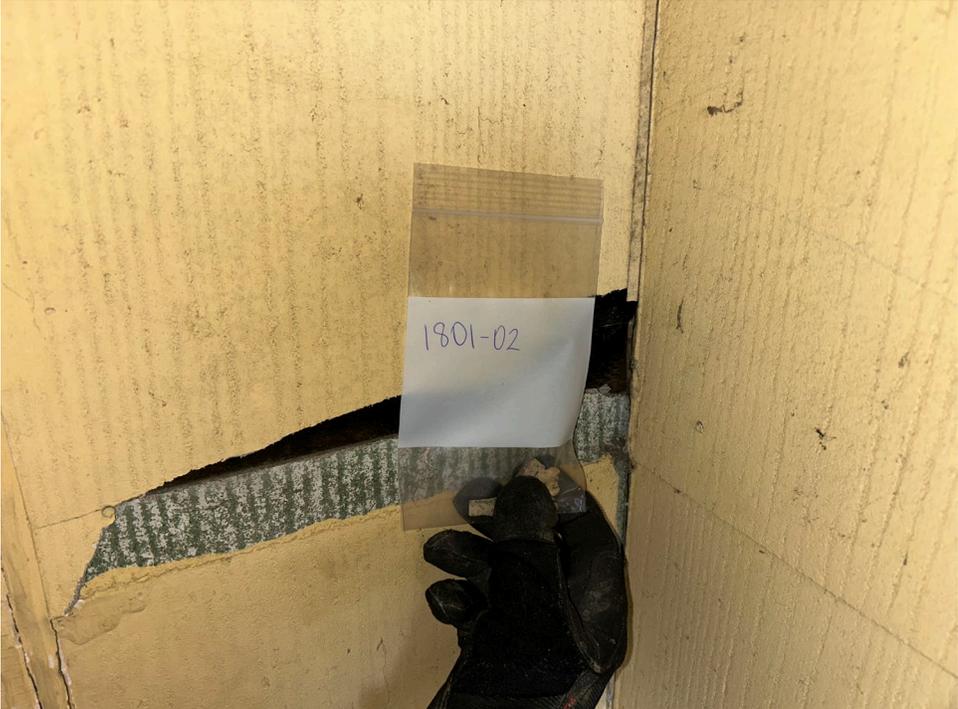
| | | | | | |
|-----|-----------------------|--------------|------|--------------------|----------|
| 19 | Subfloor | Black | BSMT | Room 10 | 5/2/2025 |
| 20 | Window Caulk | White | BSMT | Room 10 | 5/2/2025 |
| 21 | Window Caulk | White | BSMT | Room 10 | 5/2/2025 |
| 22 | Window Caulk | Beige | BSMT | Room 10 | 5/2/2025 |
| 23A | Ceiling Tile | White | BSMT | Room 10 | 5/2/2025 |
| 23B | Ceiling Tile | White | BSMT | Room 10 | 5/2/2025 |
| 23C | Ceiling Tile | White | BSMT | Room 10 | 5/2/2025 |
| 24 | Linoleum | Black/Beige | BSMT | Room 11 | 5/2/2025 |
| 25 | Linoleum | Yellow/Beige | BSMT | Room 11 | 5/2/2025 |
| 26 | Linoleum | Black/Red | BSMT | Room 11 | 5/2/2025 |
| 27 | Fumace Duct Wrap | White | BSMT | Room 11 | 5/2/2025 |
| 28 | Linoleum | Green/Black | BSMT | Room 9 | 5/2/2025 |
| 29 | Linoleum | Beige/Black | BSMT | Room 9 | 5/2/2025 |
| 30 | Linoleum | Brown/White | BSMT | Room 9 | 5/2/2025 |
| 31 | Window Caulk | White | BSMT | Room 9 | 5/2/2025 |
| 32 | Ceiling Insulation | Pink | BSMT | Room 9 | 5/2/2025 |
| 33A | Ceiling Tile | Brown | BSMT | Room 9 | 5/2/2025 |
| 33B | Ceiling Tile | Brown | BSMT | Room 9 | 5/2/2025 |
| 33C | Ceiling Tile | Brown | BSMT | Room 9 | 5/2/2025 |
| 34 | Ceiling Tile Adhesive | Yellow | BSMT | Room 9 | 5/2/2025 |
| 35 | Window Caulk | White | BSMT | Room 12 | 5/2/2025 |
| 36 | Window Adhesive | Brown | BSMT | Room 12 | 5/2/2025 |
| 37 | Ceiling Insulation | Yellow | BSMT | Room 12 | 5/2/2025 |
| 38 | Pipe Insulation | Yellow | BSMT | Room 12 | 5/2/2025 |
| 39A | Duct Pipe Wrap | White | BSMT | Room 11 | 5/2/2025 |
| 39B | Duct Pipe Wrap | White | BSMT | Room 11 | 5/2/2025 |
| 39C | Duct Pipe Wrap | White | BSMT | Room 11 | 5/2/2025 |
| 40 | Window Adhesive | Yellow | 1 | Room 6 | 5/2/2025 |
| 41 | Counter Top | Brown | 1 | Room 8 | 5/2/2025 |
| 42 | Counter Top Adhesive | Yellow | 1 | Room 8 | 5/2/2025 |
| 43 | Wall Linoleum | Black | 1 | Room 7 | 5/2/2025 |
| 44 | Linoleum | Gray | 1 | Room 7 | 5/2/2025 |
| 45 | Bathtub Caulk | White | 1 | Room 7 | 5/2/2025 |
| 46 | Window Caulk | White | 1 | Room 5 | 5/2/2025 |
| 47 | Linoleum | Yellow/Black | 2 | Room 14 | 5/2/2025 |
| 48 | Linoleum | Beige/Black | 2 | 2nd Floor Stairway | 5/2/2025 |
| 49 | Linoleum | Gray/Black | 2 | 2nd Floor Stairway | 5/2/2025 |
| 50 | Wall Insulation | White | 2 | Room 18 | 5/2/2025 |
| 51 | Linoleum | Red/Gray | 2 | Room 16 | 5/2/2025 |
| 52 | Linoleum | Beige | 2 | Room 16 | 5/2/2025 |
| 53 | Counter Top | Brown | 2 | Room 16 | 5/2/2025 |
| 54 | Counter Top Adhesive | Brown | 2 | Room 16 | 5/2/2025 |
| 55 | Backsplash Caulk | White | 2 | Room 16 | 5/2/2025 |
| 56 | Linoleum | Gray/Yellow | 2 | Room 15 | 5/2/2025 |
| 57A | Drywall Compound | White | 2 | Room 18 | 5/2/2025 |

Ship Date:

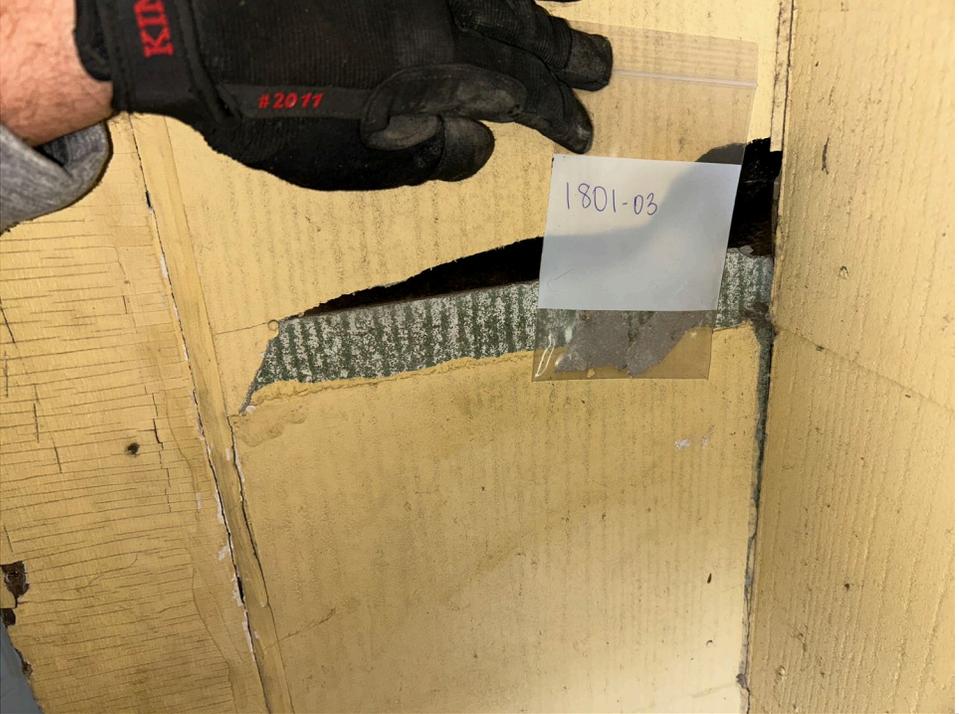
| | | | | | |
|---------------------------------------|---------------------|--------------|-----------------|--------------------|----------------|
| 57B | Drywall Compound | White | 2 | Room 18 | 5/2/2025 |
| 57C | Drywall Compound | White | 2 | Room 18 | 5/2/2025 |
| 58A | Drywall Tape | White | 2 | Room 18 | 5/2/2025 |
| 58B | Drywall Tape | White | 2 | Room 18 | 5/2/2025 |
| 58C | Drywall Tape | White | 2 | Room 18 | 5/2/2025 |
| 59 | Drywall | White | 2 | Room 18 | 5/2/2025 |
| 60 | Linoleum | Beige | 2 | Room 13 | 5/2/2025 |
| 61 | Window Glaze | White | Ext | Exterior | 5/2/2025 |
| 62 | Window Caulk | White | Ext | Exterior | 5/2/2025 |
| 63 | Asbestos Siding | Gray | Ext | Exterior | 5/2/2025 |
| 64 | Felt Paper | Black | Ext | Exterior | 5/2/2025 |
| 65 | Foundation Caulk | Gray | Ext | Exterior | 5/2/2025 |
| 66 | Door Caulk | White | Ext | Exterior | 5/2/2025 |
| 67 | Shingle | Green/Blue | Ext | Roof | 5/2/2025 |
| 68 | Felt Paper | Black | Ext | Roof | 5/2/2025 |
| 69 | Shingle | Green | Ext | Roof | 5/2/2025 |
| 70 | Felt Paper | Black | Ext | Roof | 5/2/2025 |
| Dup-1 | Linoleum | Gray/Black | 2 | 2nd Floor Stairway | 5/2/2025 |
| Dup-2 | Shingle | Green/Blue | Ext | Roof | 5/2/2025 |
| Client Sample # (s): | 1 through 70 | | | Total #: | 92 |
| Relinquished (Client): | Leon Johnson | Date: | 5/5/2025 | Time: | 16:00 |
| Received (Lab): | <i>W. Wright</i> | Date: | <i>5/12/25</i> | Time: | <i>9:48 AM</i> |
| Comments/Special Instructions: | | | | | |

APPENDIX C
ACM Photographs

Photograph table includes photos of all asbestos-containing materials.

| <p>5/2/2025 Photographer: Leon Johnson</p> | <p>Asbestos Containing Materials Inspection 1801 1st Avenue South Fort Dodge, Iowa 50501</p> |
|---|--|
| <p>Photo #1</p> <p>Description:</p> <p>ACM White Window Glaze</p> <p>Location:</p> <p>1st Floor, Front Enclosed Porch</p> <p>Sample 01</p> |  |
| <p>Photo #2</p> <p>Description:</p> <p>ACM Gray Wall Caulk</p> <p>Location:</p> <p>1st Floor, Front Enclosed Porch</p> <p>Sample 02</p> |  |

Photograph table includes photos of all asbestos-containing materials. (Continued)

| <p>5/2/2025 Photographer: Leon Johnson</p> | <p>Asbestos Containing Materials Inspection 1801 1st Avenue South Fort Dodge, Iowa 50501</p> |
|---|---|
| <p>Photo #3</p> <p>Description:</p> <p>ACM Gray Asbestos Siding</p> <p>Location:</p> <p>1st Floor, Front Enclosed Porch</p> <p>Sample 03</p> |  |
| <p>Photo #4</p> <p>Description:</p> <p>ACM Black Felt Paper</p> <p>Location:</p> <p>1st Floor, Front Enclosed Porch</p> <p>Sample 04</p> |  |

Photograph table includes photos of all asbestos-containing materials. (Continued)

| <p>5/2/2025 Photographer: Leon Johnson</p> | <p>Asbestos Containing Materials Inspection 1801 1st Avenue South Fort Dodge, Iowa 50501</p> |
|--|---|
| <p>Photo #5</p> <p>Description:</p> <p>ACM Brown Vermiculite</p> <p>Location:</p> <p>1st Floor, Room 1</p> <p>Sample 13</p> |  |
| <p>Photo #6</p> <p>Description:</p> <p>ACM White Furnace Duct Wrap</p> <p>Location:</p> <p>Basement, Room 11</p> <p>Sample 27A</p> |  |

Photograph table includes photos of all asbestos-containing materials. (Continued)

| <p>5/2/2025 Photographer: Leon Johnson</p> | <p>Asbestos Containing Materials Inspection 1801 1st Avenue South Fort Dodge, Iowa 50501</p> |
|--|---|
| <p>Photo #7</p> <p>Description:</p> <p>ACM White Furnace Duct Wrap</p> <p>Location:</p> <p>Basement, Room 11</p> <p>Sample 27B</p> |  |
| <p>Photo #8</p> <p>Description:</p> <p>ACM White Furnace Duct Wrap</p> <p>Location:</p> <p>Basement, Room 11</p> <p>Sample 27C</p> |  |

Photograph table includes photos of all asbestos-containing materials. (Continued)

| <p>5/2/2025 Photographer: Leon Johnson</p> | <p>Asbestos Containing Materials Inspection 1801 1st Avenue South Fort Dodge, Iowa 50501</p> |
|---|--|
| <p>Photo #9</p> <p>Description:</p> <p>ACM Brown/White Linoleum</p> <p>Location:</p> <p>Basement, Room 9</p> <p>Sample 30</p> |  |
| <p>Photo #10</p> <p>Description:</p> <p>ACM White Window Caulk</p> <p>Location:</p> <p>Basement, Room 12</p> <p>Sample 35</p> |  |

Photograph table includes photos of all asbestos-containing materials. (Continued)

| <p>5/2/2025 Photographer: Leon Johnson</p> | <p>Asbestos Containing Materials Inspection 1801 1st Avenue South Fort Dodge, Iowa 50501</p> |
|--|---|
| <p>Photo #11</p> <p>Description:</p> <p>ACM White Duct Pipe Wrap</p> <p>Location:</p> <p>Basement, Room 11</p> <p>Sample 39A</p> |  |
| <p>Photo #12</p> <p>Description:</p> <p>ACM White Duct Pipe Wrap</p> <p>Location:</p> <p>Basement, Room 11</p> <p>Sample 39B</p> |  |

Photograph table includes photos of all asbestos-containing materials. (Continued)

| <p>5/2/2025 Photographer: Leon Johnson</p> | <p>Asbestos Containing Materials Inspection 1801 1st Avenue South Fort Dodge, Iowa 50501</p> |
|--|---|
| <p>Photo #13</p> <p>Description:</p> <p>ACM White Duct Pipe Wrap</p> <p>Location:</p> <p>Basement, Room 11</p> <p>Sample 39C</p> |  |
| <p>Photo #14</p> <p>Description:</p> <p>ACM White Window Glaze</p> <p>Location:</p> <p>Exterior</p> <p>Sample 61</p> |  |

Photograph table includes photos of all asbestos-containing materials. (Continued)

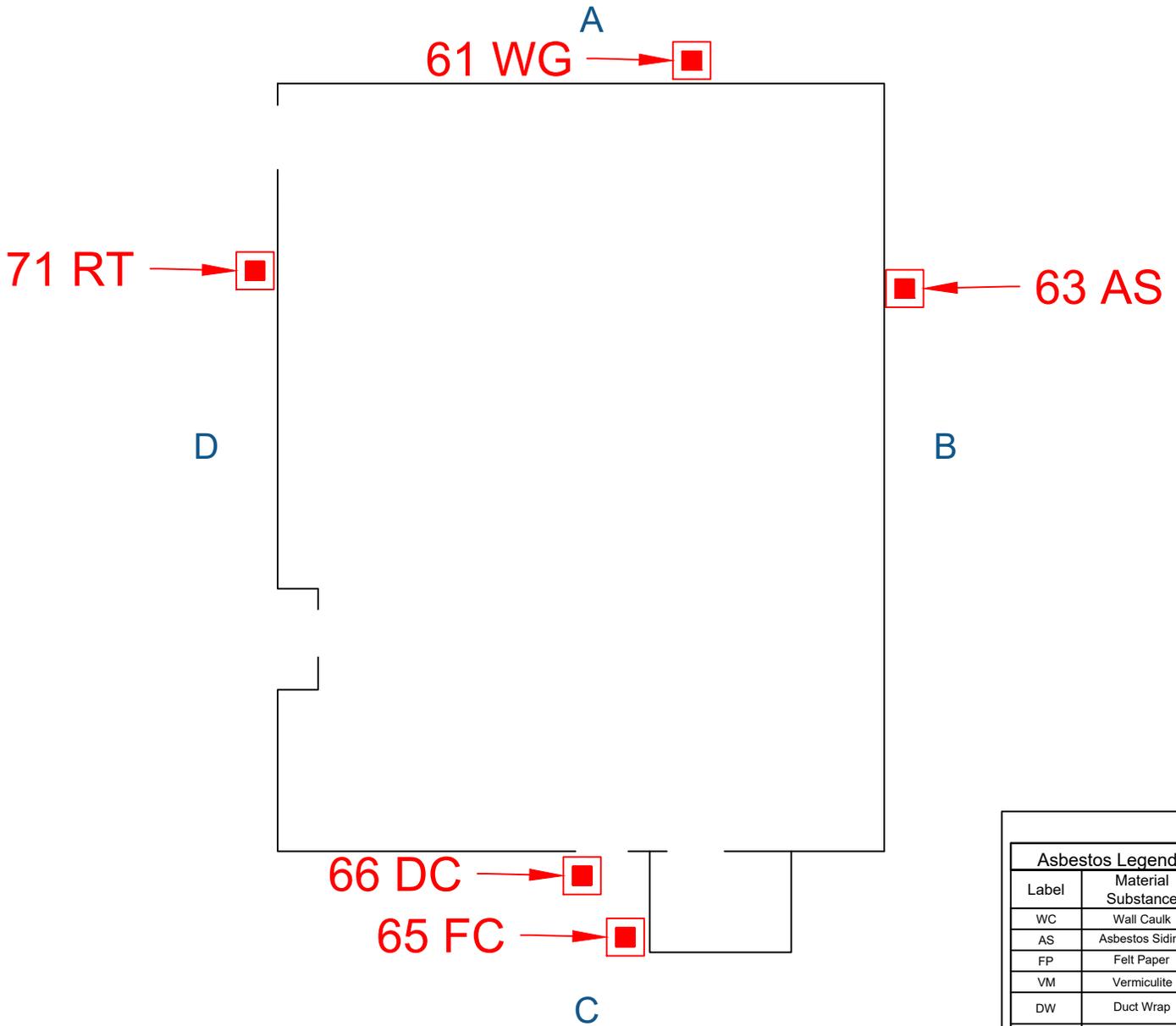
| <p>5/2/2025 Photographer: Leon Johnson</p> | <p>Asbestos Containing Materials Inspection 1801 1st Avenue South Fort Dodge, Iowa 50501</p> |
|---|---|
| <p>Photo #15</p> <p>Description:</p> <p>ACM Gray Asbestos Siding</p> <p>Location:</p> <p>Exterior</p> <p>Sample 63</p> |  A hand is holding a white sample bag with a yellow top and a white label that reads "1801 63". The bag is positioned next to a hole in a wall of gray asbestos siding. A white pipe is visible in the foreground, and some wires are attached to the wall above the hole. |
| <p>Photo #16</p> <p>Description:</p> <p>ACM Gray Foundation Caulk</p> <p>Location:</p> <p>Exterior</p> <p>Sample 65</p> |  A hand is holding a white sample bag with a yellow top and a white label that reads "1801 65". The bag is positioned next to a crack in a concrete foundation. The background shows a wall of gray asbestos siding. |

Photograph table includes photos of all asbestos-containing materials. (Continued)

| <p>5/2/2025 Photographer: Leon Johnson</p> | <p>Asbestos Containing Materials Inspection 1801 1st Avenue South Fort Dodge, Iowa 50501</p> |
|---|--|
| <p>Photo #17</p> <p>Description:</p> <p>ACM White Door Caulk</p> <p>Location:</p> <p>Exterior – South Side</p> <p>Sample 66</p> |  A close-up photograph showing a hand holding a white sample bag. The bag has a yellow top with 'WHIRL-PAK' printed on it and '1801' and '66' handwritten in black marker. The bag is partially filled with a white, fibrous material. In the background, there is a white door frame with peeling white paint and greenish-grey textured siding. |
| <p>Photo #18</p> <p>Description:</p> <p>ACM Gray Roof Tar</p> <p>Location:</p> <p>Roof</p> <p>Sample 71</p> |  A close-up photograph showing a hand holding a white sample bag. The bag has a yellow top with 'WHIRL-PAK' printed on it and '1801' and '71' handwritten in black marker. The bag is partially filled with a dark, gray, fibrous material. In the background, there is a roof with gray tar and greenish-grey textured siding. |

APPENDIX D

Sample Location Map(s)



| Asbestos Legend | |
|-----------------|--------------------|
| Label | Material Substance |
| WC | Wall Caulk |
| AS | Asbestos Siding |
| FP | Felt Paper |
| VM | Vermiculite |
| DW | Duct Wrap |
| LN | Linoleum |
| WG | Window Glaze |
| WNC | Window Caulk |
| DPW | Duct Pipe Wrap |
| FC | Foundation Caulk |
| DC | Door Caulk |
| RT | Roof Tar |

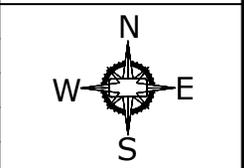
Legend
 Positive ACM

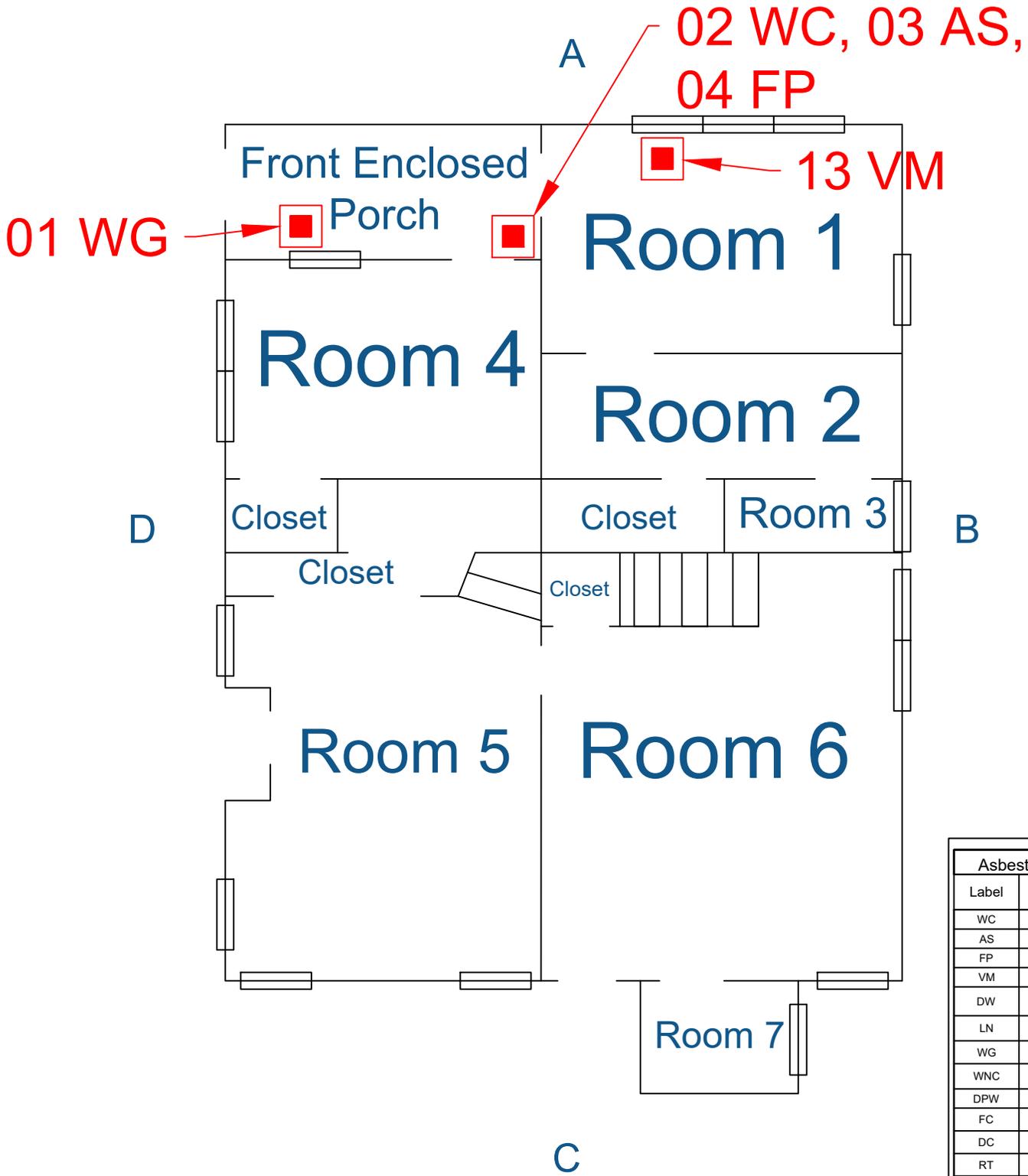


JOB DESCRIPTION: ACM Positive Summary Map
 1801 1st Avenue S
 Fort Dodge, Iowa

SHEET TITLE: Property Map
 Exterior

DATE: 05/15/25
 DRAWN BY: LJ
 CHECKED BY: JR
 SCALE: N/A
 PROJECT NO: City of Fort Dodge





| Asbestos Legend | |
|-----------------|--------------------|
| Label | Material Substance |
| WC | Wall Caulk |
| AS | Asbestos Siding |
| FP | Felt Paper |
| VM | Vermiculite |
| DW | Duct Wrap |
| LN | Linoleum |
| WG | Window Glaze |
| WNC | Window Caulk |
| DPW | Duct Pipe Wrap |
| FC | Foundation Caulk |
| DC | Door Caulk |
| RT | Roof Tar |

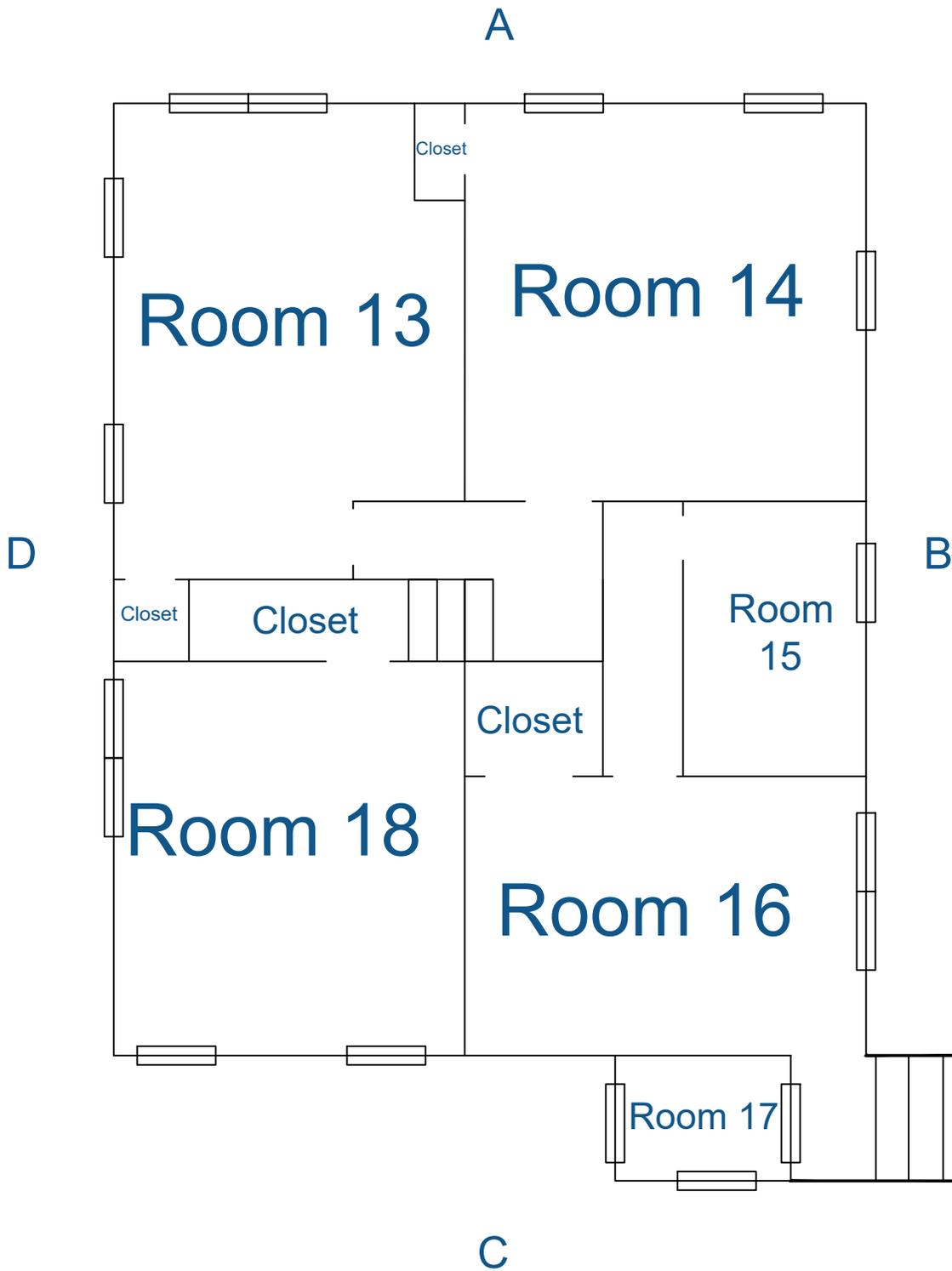
Legend
■ Positive ACM



JOB DESCRIPTION: ACM Positive Summary Map
 1801 1st Avenue S
 Fort Dodge, Iowa

SHEET TITLE: Property Map
 1st Floor

DATE: 05/15/25
 DRAWN BY: LJ
 CHECKED BY: JR
 SCALE: N/A
 PROJECT NO: City of Fort Dodge



| Asbestos Legend | |
|-----------------|--------------------|
| Label | Material Substance |
| WC | Wall Caulk |
| AS | Asbestos Siding |
| FP | Felt Paper |
| VM | Vermiculite |
| DW | Duct Wrap |
| LN | Linoleum |
| WG | Window Glaze |
| WNC | Window Caulk |
| DPW | Duct Pipe Wrap |
| FC | Foundation Caulk |
| DC | Door Caulk |
| RT | Roof Tar |

Legend
■ Positive ACM



JOB DESCRIPTION:

ACM Positive Summary Map
 1801 1st Avenue S
 Fort Dodge, Iowa

DATE: 05/15/25

DRAWN BY: LJ

CHECKED BY: JR

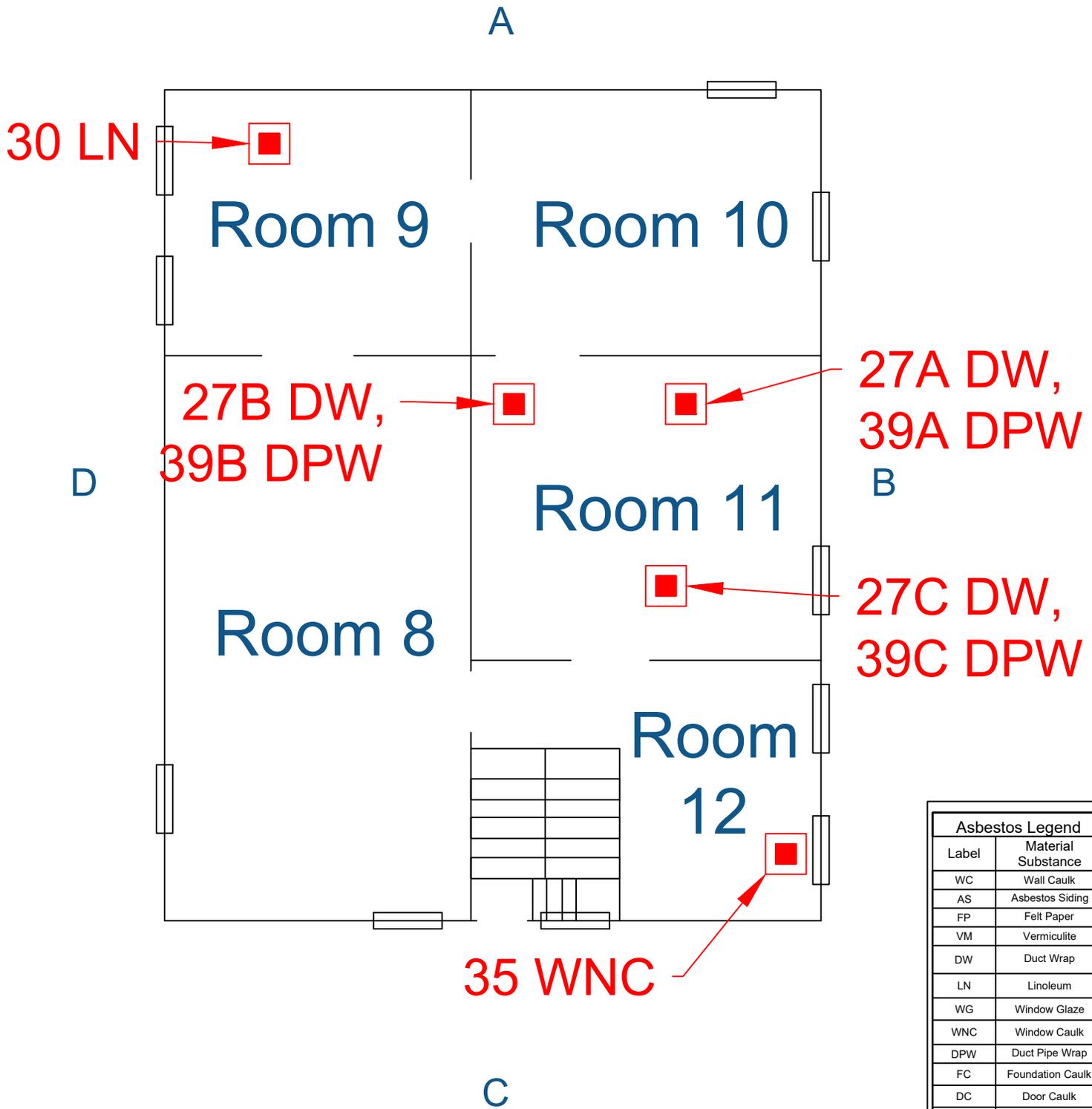
SCALE: N/A

PROJECT NO: City of Fort Dodge

SHEET TITLE:

Property Map
 2nd Floor





| Asbestos Legend | |
|-----------------|--------------------|
| Label | Material Substance |
| WC | Wall Caulk |
| AS | Asbestos Siding |
| FP | Felt Paper |
| VM | Vermiculite |
| DW | Duct Wrap |
| LN | Linoleum |
| WG | Window Glaze |
| WNC | Window Caulk |
| DPW | Duct Pipe Wrap |
| FC | Foundation Caulk |
| DC | Door Caulk |
| RT | Roof Tar |

Legend
■ Positive ACM



JOB DESCRIPTION: ACM Positive Summary Map
 1801 1st Avenue S
 Fort Dodge, Iowa

SHEET TITLE: Property Map
 Basement

DATE: 05/15/25
 DRAWN BY: LJ
 CHECKED BY: JR
 SCALE: N/A
 PROJECT NO: City of Fort Dodge



ASBESTOS NOTIFICATION OF DEMOLITION AND RENOVATION

| DNR USE ONLY | | | |
|---|-----------|-----------|--|
| CON 10-15 | County #: | | |
| Date: | | Initials: | |
| <input type="checkbox"/> Check/Money Order <input type="checkbox"/> Credit Card <input type="checkbox"/> Cash | | | |

This notice must be postmarked at least ten (10) working days before beginning the activity. All applicable information must be included.

Notification Fee: Effective beginning January 15, 2016, each required **Original** or **Annual** notification must be accompanied by the fee required by 567 IAC 30.3(1).

567 IAC 30.3(1) Payment of fees established. Beginning on January 15, 2016, the owner or operator of a site subject to the national emission standard for hazardous air pollutants (NESHAP) for asbestos notifications adopted by reference in paragraph 23.1(3)"a," shall submit a fee with each required original or each annual notification for each demolition or renovation, including abatement.

Fees are **not** required for the following:

- a. Notifications when the total amount of asbestos to be removed or disturbed is less than 260 linear feet, less than 160 square feet, and less than 35 cubic feet of facility components and is below the reporting thresholds as defined in 40 CFR 61.145 as amended on January 16, 1991;
- b. Notifications of training fires as required in 567—paragraph 23.2(3)"g";
- c. Controlled burning of demolished buildings as required in 567—paragraph 23.2(3)"j";
- d. Revised and canceled notifications.

Each required fee is \$100 payable to "Iowa Department of Natural Resources" in the form of a check, money order, credit card or cash. Please do not send cash in the mail.

Owner or Operator Name Paying Fee: _____ Phone #: _____

\$100 Fee Enclosed

1. Type of Notification

Original (Fee) Revised Cancelled Annual (Fee)

2. Type of Operation

(Each Type of Operation requiring an original notification must be accompanied by a separate \$100 fee.)

Abatement Demolition
 Renovation Ordered Demolition
 Emergency Renovation

3. Is Asbestos Present?

Yes No - Abatement has already occurred
 No - Asbestos found is under NESHAP limits

4. Scheduled Dates asbestos removal (MM/DD/YY) Start: _____ Stop: _____

5. Scheduled Dates Demo/Renovation (MM/DD/YY) Start: _____ Stop: _____

6. Facility Description (Include building name, number and floor or room number.)

Building Name: _____

Address: _____ County: _____

City: _____ State: _____ Zip: _____

Site Location (floor or room number(s)): _____

Building Size: _____ No of floors: _____ Year Constructed: _____

Present Use: _____ Prior Use: _____

Job Number (optional): _____

7. Facility Information (Identify owner, and operator)

Owner Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Contact: _____ Phone: _____

Operator (if different from owner): _____

Address: _____

City: _____ State: _____ Zip: _____

Contact: _____ Phone: _____

8. Asbestos Abatement Contractor (if applicable)

Contractor Name: _____ IA Permit Number: _____

Address: _____

City: _____ State: _____ Zip: _____

Contact: _____ Phone: _____

9. Demolition Contractor (if applicable)

Contractor Name: _____ IA Permit Number
(if ordered demolition): _____

Address: _____

City: _____ State: _____ Zip: _____

Contact: _____ Phone: _____

10. Asbestos Inspector (required unless an Ordered Demolition or Emergency Renovation)

Name of Inspector: _____ IA License Number: _____

Date Inspected: _____ Phone: _____

| 11a. Approximate Amount of Asbestos (for Abatement purposes only) | Regulated Asbestos-Containing Material (RACM) to be Removed | Nonfriable Asbestos-Containing Material Not To Be Removed (Category I and II) |
|---|---|---|
| Total Surface Area (Sq. Ft.) (Also see 11b.) | | |
| Facility Component(s) (Cu. Ft.) | | |
| Pipes (Linear Ft.) | | |

11b. Quantity in Sq. Ft. the Total Surface Area of RACM to be removed from 11a (check all that apply)

Do not include Pipes or Facility Components

- Floor Materials _____
- Interior Wall Systems _____
- Window Glaze/Caulk _____
- Ceiling Materials _____
- Spray-on Materials _____
- Other: _____
- Roofing Materials _____
- Asbestos Cement Board _____

12. Procedure, including analytical method, if appropriate, used to detect the presence of asbestos materials.

- Polarized Light Microscopy (PLM)
- Other: _____

13. Description of work practices and engineering controls to be used to prevent asbestos emissions (check all that apply)

- Adequately Wet Materials
- Negative Air Containment
- Lined Containers
- Glove Bag
- Seal in Leak Tight Wrapping
- Other: _____
- Seal in Leak Tight Containers
- Mini-enclosure

14. Description of planned demolition or renovation work (check all that apply)

- Backhoe
- Implosion
- Bulldozer
- Other: _____
- Hand Removal

15. Waste Transporter #1

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Contact: _____ Phone: _____

Waste Transporter #2 (if applicable)

Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Contact: _____ Phone: _____

16. Waste Disposal Site #1

Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____

Waste Disposal Site #2 (if applicable)

Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____

17. If Demolition Ordered by a Government Agency, Identify the Agency and Attach a Copy of the Order

Name of Responsible Official: _____
Title: _____ Phone: _____
Authority: _____
Date of Order (MM/DD/YY): _____

18. If Emergency Renovation, Please Complete this Section

Date Emergency (MM/DD/YY): _____ Time of Emergency: _____
Description of the emergency of sudden event: _____

Explanation of how the event caused unsafe conditions or would cause equipment damage or an unreasonable financial burden:

19. Description of procedures to be followed if there is an unexpected asbestos fiber release:

STOP WORK AND CALL A CERTIFIED ASBESTOS CONTRACTOR AND THE DNR I agree

20. Certification (required if asbestos is present)

I certify that an individual trained in the provisions of regulation 40 CFR Part 61, Subpart M (Asbestos NESHP) will be onsite during the demolition or renovation and evidence that the required training has been accomplished by this person will be available for inspection during normal business hours.

Name: _____ Title: _____
Company/Organization: _____ Email: _____
Signature of Owner/Operator: _____ Date: _____

21. I certify to the best of my knowledge that the above information is true and correct

Name: _____ Title: _____
Company/Organization: _____ Email: _____
Signature of Owner/Operator: _____ Date: _____

MAIL TO: Iowa DNR- Air Quality, 6200 Park Ave Ste 200, Des Moines IA 50321, 515-725-8200

INSTRUCTIONS
ASBESTOS NOTIFICATION OF DEMOLITION AND RENOVATION FORM

GENERAL INFORMATION

The Asbestos NESHAP, 40 CFR 61.145 and 567 IAC 23.1(3), requires written notification of demolition or renovation activities in facilities. In most cases, a facility includes all types of structures except single family homes and apartment buildings having no more than four units. The enclosed form must be used to fulfill this requirement. Only complete notification forms will be accepted.

The notification should be typewritten or neatly printed and postmarked or delivered no later than ten days prior to the beginning of either the asbestos removal activity (Section IV) or demolition activity (in Section V) whichever is applicable.

INSTRUCTIONS

- 1. Type of Notification:** Check "Original" if the notification is a first time or original notification, "Revised" if the notification is a revision of a prior notification, or "Canceled" if the activity has been canceled. Check "Annual" for projects in accordance with 40 CFR Part 61, Subpart M 61.145(a)(4)(iii).
- 2. Type of Operation:** Check as appropriate for facility abatement, demolition, renovation, ordered demolitions, or emergency renovations. A notification for renovation is required only if asbestos was removed or still present but not being disturbed. However, if asbestos has been or will be removed, then a separate abatement notification form should be submitted by the appropriate part.
- 3. Is Asbestos Present?** Answer "Yes," "No - Abatement has already occurred," or "No - Asbestos found is under NESHAP limits."
- 4. Scheduled Dates of Asbestos Removal (MM-DD-YY):** Enter scheduled dates (month/day/year) for asbestos removal work. Asbestos removal work includes any activity, including site preparation, which may break up, dislodge or disturb asbestos material.
- 5. Scheduled Dates of Demolition/Renovation (MM-DD-YY):** Enter scheduled dates (month/day/year) for beginning and ending the planned demolition or renovation project.
- 6. Facility Description:** Provide the following information on the areas being renovated or demolished:

| | |
|--------------------------------------|---|
| Building Address: | Physical location of site |
| Site Location (floor or room number) | Enter specific location |
| Building Size: | The building size in square feet. |
| No. of Floors: | Enter the number of floors including basement, if applicable. |
| Year Constructed: | Enter year the facility was originally constructed. |
| Present Use/Prior Use: | Describe the primary use of the facility or enter the following codes: AC - Apartment Complex, B - Boat/Ship, BR - Bridge, CH - Church, C - Commercial, F - Fire Damaged, G - Government, H - Hospital, I - Industrial, M - Miscellaneous, MG - Manufacturing, N - Nursing Home, O - Office, P - Public Building, R - Residence, S - School, U - University/College, V - Vacant |
| Job Number (optional): | Provide job number if available |
- 7. Facility Information:** Enter the names, addresses, contact persons and telephone numbers of the following:
Owner: Legal owner of the site at which asbestos is being removed or demolition planned.
Operator: General contractor, or any other person who leases, operates, controls or supervises the site.

If known, the name of the site supervisor should be entered as the contact person for the notification. If additional parties share responsibility for the site, demolition activity, renovation or ACM removal, include complete information (including name, address, contact person and telephone number) on additional sheets submitted with the form.
- 8. Asbestos Abatement Contractor:** If notification is being submitted for asbestos removal enter the name of contractor hired to remove asbestos, contractor permit number, address, contact, and phone number.
- 9. Demolition Contractor:** If notification is being submitted for demolition or renovation enter the name of contractor hired, permit number, address, contact, and phone number.
- 10. Asbestos Inspector:** Enter the individual who conducted the asbestos inspection prior to demolition/renovation, the inspector license number, date inspected and telephone number.
- 11. a) Approximate Amount of Asbestos Including:** (1) Regulated ACM to be removed (including nonfriable ACM to be sanded, ground or abraded); and (2) Category I and Category II nonfriable asbestos containing material not to be

removed. For both renovations and demolitions, enter the amount of RACM to be removed by entering a number in the appropriate box. If applicable, enter the amount of nonfriable ACM not to be removed during a demolition or renovation.

Category I nonfriable material includes packing, gaskets, resilient floor covering and asphalt roofing materials. Category II nonfriable material includes any material, excluding Category I materials, that when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure, or mechanical forces expected to operate on the material during the demolition or renovation activity. All Category II materials must be removed prior to demolition.

Complete the volume from facility component(s) if asbestos-containing materials have been removed from facility components and the volume is known.

b) Quantify in Sq. Ft. the Total Surface Area of RACM to be removed from 11a. Check the type of RACM to be removed and enter the square feet for each material. (Total 11b square feet should equal 11a square feet of RACM to be removed.) **Facility Components and Pipes are not included in 11b.**

- 12. Asbestos Testing Procedure:** Check the appropriate box for the procedure that was used to determine asbestos content.
- 13. Description of Work Practices and Engineering Controls to Prevent Asbestos Emissions:** Check the appropriate box(s) for work practices that will be employed to prevent asbestos emissions.
- 14. Description of Planned Demolition or Renovation Work:** Check the appropriate box(s) that describe the renovation/demolition technique(s) to be used.
- 15. Waste Transporter(s):** Enter the name(s), address(es), contact person(s) and telephone number(s) of the person(s) or company(ies) responsible for transporting ACM from the removal site to the waste disposal site. If the removal contractor or owner is the waste transporter, state "same as owner" or "same as removal contractor."
- 16. Waste Disposal Site:** Identify the waste disposal site, including the complete name, location, and telephone number of the facility. If ACM is to be disposed of at more than one site, provide complete information on an additional sheet submitted with the form.
- 17. If Demolition Ordered by a Government Agency, Please Identify the Agency below:** Provide the name of the responsible official, title and agency, authority under which the order was issued and the date of the order. A copy of the order from the government agency must be attached to this form.
- 18. Emergency Renovation Information:** Provide the date and time of the emergency, a description of the event and a description of unsafe conditions, equipment damage or financial burden resulting from the event. The information should be detailed enough to evaluate whether a renovation falls within the emergency exemption.
- 19. Description of Procedures to be Followed in the Event that Unexpected Asbestos Fiber Release:** Provide adequate information to demonstrate that appropriate actions have been considered and can be implemented to control asbestos emissions adequately, including at a minimum, conformance with applicable work practice standards. Attach an additional sheet of paper if needed and submit with this form.
- 20. Certification:** This is required if asbestos is present, i.e. abatements and ordered demolitions. Include signature, date, printed name, title, company, and email address to certify that training provisions required by the asbestos NESHAP regulation will be followed.
- 21. Information provided in notification is true and correct:** This is required for all notifications. Include signature, date, printed name, title, company, and email address to certify the information provided is true and correct to the best of your knowledge.

Site Locations/Vicinity Map – 1801 1st Ave S

Updated: 2/23/26



LEGEND (approximate locations):

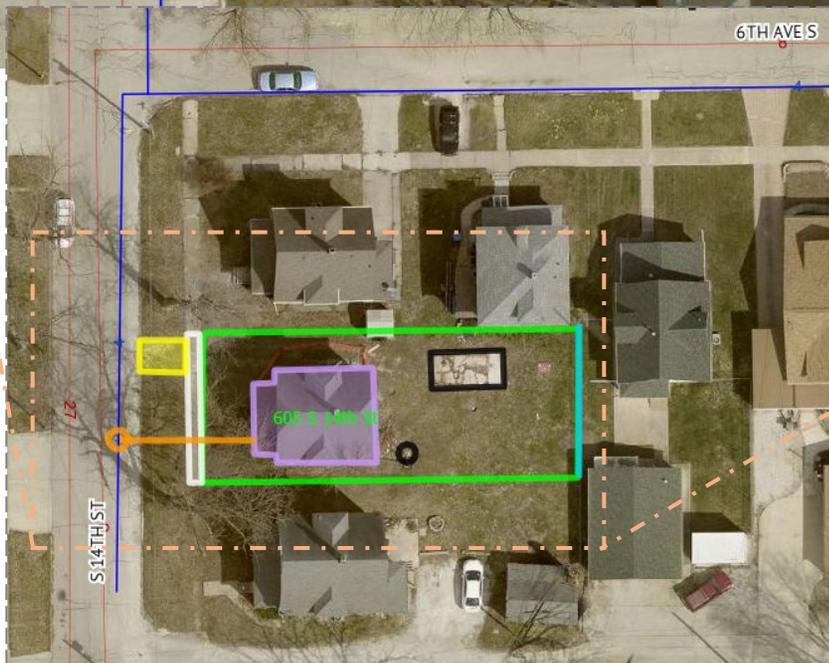
-  Property line
-  Sanitary sewer service (perform exploratory excavation to locate service)
-  Water main
-  Water service
-  Remove & Replace Sidewalk (West if needed)
-  Remove Approach & Restore Curb & Gutter
-  Protect Fencing

All property line, utility information, and/or feature information shown on this map is estimated only and should not be interpreted for survey/legal purposes. It is the contractor's responsibility to verify this information in the field.



Site Locations/Vicinity Map – 605 S 14th St

Updated: 2/23/26



LEGEND (approximate locations):

-  Property line
-  Sanitary sewer main
-  Water main
-  Water service
-  All building materials to be treated as RACM
-  Remove & Replace Sidewalk
-  Remove Approach & Restore Curb & Gutter
-  Remove Concrete Slab and/or Misc Object
-  Protect Fencing

All property line, utility information, and/or feature information shown on this map is estimated only and should not be interpreted for survey/legal purposes. It is the contractor's responsibility to verify this information in the field.