

**VILLAGE OF GURNEE
325 NORTH O'PLAINE ROAD
GURNEE, ILLINOIS 60031**

REQUEST FOR PROPOSAL

**DEMOLITION SERVICES FOR
4606 & 4625 OLD GRAND AVENUE**

ADVERSITING DATE: JUNE 7th, 2021

BID DATE: JUNE 28th, 2021

BID TIME: 10:00 AM

BID LOCATION: 325 N. O'Plaine Road Gurnee, IL 60031

VILLAGE OF GURNEE
NOTICE TO BIDDERS

Municipality: **VILLAGE OF GURNEE**
Road District **NA**
County **LAKE**
Project No. **8413**

TIME AND PLACE OF OPENING OF BIDS:

Sealed proposals for the improvement described below will be received at the office of the **Village of Gurnee, Engineering, 325 N. O'Plaine Road, Gurnee, Illinois 60031**, until **10:00 A.M., June 28th, 2021**.

Proposals will be opened and read publicly at that time.

DESCRIPTION OF WORK:

“Demolition Services for 4606 & 4625 Old Grand Avenue”

LOCATION:

The project is located at 4606 & 4625 Old Grand Avenue, Gurnee, IL

PROPOSED IMPROVEMENT:

Demo of two buildings off Old Grand Avenue located in the Floodplain. Work will included: removal of two buildings, parking lot pavement, foundations, site grading, site restoration, curb & gutter R&R, sidewalk, driveway removal, and all other necessary work to complete project.

BIDDERS INSTRUCTIONS:

1. Plans and bid forms will be available on the Village's Website under the Government Transparency Portal or at the office of the Village of Gurnee, 325 N. O'Plaine Road, Gurnee, Illinois 60031, for a non-refundable cost of \$25 (hard copies).
2. Only the Bid Forms within the bid documents for the project shall be used. Bid forms shall be filled out in their entirety, no carry over bids will be accepted.
3. It will be the bidder's responsibility to verify any addenda via the Village's website. Addenda will be posted to the Village's Transparency Portal.
4. The awarding authority reserves the right to waive technicalities and to reject any or all proposals as provided in Check Sheet LRS 6 of the "Supplemental Specifications and Recurring Special Provisions," prepared by the Illinois Department of Transportation.
5. Contractor shall not pay less than the prevailing rates of wages to all laborers, workmen, and mechanics performing work under this contract, and shall comply with the requirements of the Illinois Wages of Employees on Public Works Act (820 ILCS 130/1-12).

By Order Of The:
Village of Gurnee
(Awarding Authority)

Andy Harris / Village Clerk

REQUEST FOR PROPOSAL
DEMOLITION SERVICES FOR 4606 & 4625 OLD GRAND
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REQUEST FOR PROPOSAL
DEMOLITION SERVICES FOR 4610 OLD GRAND
SPECIFICATIONS

1.0 INTRODUCTION

The specifications provide technical guidelines and details for the services requested for the demolition of the existing structure at 4606 AND 4625 Old Grand Avenue in Gurnee, IL. The specifications are an integral part of the Village's formal open bid. The Specifications for this project are the General Conditions of the Contract, all relevant standards and codes as stated in section 2.2 of this document are made part of these documents by reference. In case of conflict between these Specifications, the most restrictive requirement shall be binding.

1.1 Project Overview

The Village of Gurnee is in search of an experienced demolition contractor to demolish and remove both structures, associated concrete, parking lot pavement, and the foundation to a minimum 48" below grade. Upon completion of structure removal, the excavated area shall be backfilled with suitable fill material, compacted, and restored with 4 inches of topsoil (or with 6 inches of topsoil for ALTERNATE 2), seed, and blanket. The Village will be able to provide some, if not all, the material to backfill the two building's footprints. The Contractor will be responsible for any additional fill that might be needed for the property. Please see Appendix B for area map for further reference.

The only utility the contractor will need to disconnect will be the sanitary service stub(s) at the building. Stub(s) will need to be capped off a minimum 48" below grade. Service(s) will need to be field verified for size.

Anything not mentioned in the pay items will be considered incidental to the project.

1.2 Contact Information

Nicholas Leach, Assistant Village Engineer, will be the primary contact from the Village. Mr. Leach can be contacted at 847-599-7586, via Fax at 847-623-9475, or via email at nleach@village.gurnee.il.us.

1.3 Timelines

Proposals are due by June 28th, 2021 9:59 AM after which the Village of Gurnee will open bids. Award will be based on the lowest responsible bidder.

Work may begin after AUGUST 8th, 2021 and must be completed before OCTOBER 15th, 2021, weather permitting.

2.0 GENERAL CONDITIONS, QUALIFICATIONS, STANDARDS, & PROCEDURES

THE GENERAL TERMS AND CONDITIONS WHICH FOLLOW APPLY TO ALL PURCHASES AND BECOME A DEFINITE PART OF EACH FORMAL INVITATION FOR BID, PURCHASE ORDER, OR CONTRACT ISSUED BY THE VILLAGE OF GURNEE ("VILLAGE"), UNLESS OTHERWISE SPECIFIED. BY SUBMITTING A BID, THE BIDDER ("BIDDER, VENDOR, OR CONTRACTOR") AGREES TO BE BOUND BY THESE TERMS AND CONDITIONS. BIDDERS OR THEIR AUTHORIZED REPRESENTATIVES ARE EXPECTED TO FULLY INFORM THEMSELVES OF THE CONDITIONS, REQUIREMENTS, AND SPECIFICATIONS BEFORE SUBMITTING BIDS, FAILURE TO DO SO WILL BE AT THE BIDDER'S OWN RISK AND THE BIDDER CANNOT SECURE RELIEF ON THE PLEA OF ERROR.

2.1 General Conditions

A. CHANGES TO SCOPE OF WORK

If the Village deems it proper or necessary during the execution of the work to make any alteration which will increase or diminish the quantity of labor or material or the expense of the work, even to the elimination of one or more items, such alteration shall not annul the Contract hereby entered into. The elimination of any part of the work shall not increase the unit price for any of the remaining work bid on. The value of the work so added shall be based on the rates and prices named in the Contract as bid, when such rates and prices cover the class of work added, otherwise the value shall be determined by mutual written agreement between the Village and the Contractor before any such work shall be commenced.

B. EXTRA WORK

No claim of any kind will be allowed from the Contractor for changes, extra work or material not contemplated or necessary for the completion of the work described, or for a greater amount of money than is hereby stipulated to be paid, unless the change in or addition to the work requiring additional outlay by the Contractor is first ordered in writing by the Village and the price herein stipulated to the Contractor.

C. QUALITY CONTROL OF WORK

The Village shall have power to inspect all work for compliance with the Specifications, and the Contractor shall perform all of the work herein specified to the Village's entire satisfaction, approval, and acceptance.

The Contractor is responsible for furnishing all labor, materials, and equipment to construct and complete the work in compliance with the Plans, Specifications, and Special Provisions unless otherwise specified. It is the Contractor's responsibility to complete the work and deliver a final product which meets all the requirements of the Specifications.

The Village shall decide all questions relative to measurements, the materials used, the character of the work performed, and as to whether the rate of progress is such as to comply with these Specifications.

If any authorized agent of the Village shall discover and notify the Contractor of any neglect or disregard of the Specifications, such defects shall at once be remedied and further defective work discontinued. Yet, the right of final acceptance or condemnation of the work will not be waived by reason thereof, nor by any act of the Village, its officers, or agents.

D. INSPECTION

The Village shall at all times have access for inspection to all branches of the work, on the site of the work, or where materials are stored or to be furnished from, and the Contractor shall furnish from time to time such samples of each separate component forming the materials to be used in the improvement as may be required by the Village.

If at any time during the progress of the work, any material is rejected or if any of the work is entirely or in part improperly constructed, then the Contractor, at his / her own expense, shall immediately remove all rejected material and shall reconstruct all work improperly done. In the case the Contractor shall neglect or refuse, after seventy-two (72) hours written notice, to remove or replace said rejected work or material, the work shall be removed by the Owner and the Owner's cost of labor, material, and supervision thereof deducted from any money due the Contractor.

E. FORFEITURE

The work herein specified shall be prosecuted with such forces as the Village may deem adequate for its completion within the time specified for completion. If the rate at which the work is performed is, in the judgment of the Village, not such as to insure its progress and completion in the time and manner herein specified, or if, at any time, the Contractor refuses or neglects to prosecute the work with forces sufficient for its completion within the specified time, or if in any event, the Contractor fails to proceed with the work in accordance with the requirements and conditions of the Specifications, the Owner shall have full right and authority after giving seven (7) days written notice to the Contractor of its intention to do so, to take the work out of the hands of the Contractor and/or to re-let the same to other contractors. In so doing, the Owner may use or authorize the use of such materials and supplies as may be the property of the Contractor, or on the ground, without rental or other charge for the use thereof, except that all such materials so used in completing the work shall be credited to said Contractor at their fair reasonable market price, as of the date same were delivered on the work, but in no case will the Contractor be credited with more than the cost of said materials delivered to the Contractor. The cost of fully completing all the work and all expense of every kind incurred by the Owner in connection herewith shall be charged to the Contractor and shall be deducted and paid by the Owner out of such moneys as may be due, or may at any time thereafter become due, or may at any time thereafter become due to said Contractor under this Contract, or any part thereof, so far as the same shall suffice therefore, and any deficiency shall be paid to the Owner by the Contractor forthwith, and the bondsmen will be held liable for any such deficiency. Should it become necessary for the Owner to declare the work forfeited, such forfeiture shall in no case relieve the Contractor or his / her bondsmen of any of the conditions of the Contract. In case the Contractor shall abandon or in any manner fail to complete the work, the Owner shall have the full right and authority to pay to any person, firm, or entity who may have been employed by the Contractor upon the work, out of any fund due or unpaid the Contractor at the time the Owner shall declare said Contractor in default, any and all sums of money which may be found to be due and owing to said Contractor under this Contract and upon giving five (5) days written notice by mail to said Contractor of the intention so to do. The Owner shall have the full right and authority to ascertain the amount or amounts so due and owed by the Contractor to such person, firm, or entity and in such manner and upon such proof as it may deem sufficient, and the amount or amounts so found by it to be due and owing to such person, firm, or entity, shall be conclusive as against said Contractor, and may thereafter make payment to the said person, firm or entity.

F. SUSPENSION OF WORK

Should the Contractor, with the approval of the Village, stop work, or should the weather conditions, in the opinion of the Village, are such that the work could not be properly and safely be performed, then the Village may suspend the work until such time as weather conditions shall permit proper construction. In case of stoppage of work, the Contractor shall, at his / her own expense, store and be responsible for material and protection of the work and be responsible for all accidents as though the work was in progress. Should the work be delayed or suspended with the approval of the Village, the time of delay or suspension may be added to the time set for completion of the work.

G. WAIVERS OF LIEN REQUIRED

It is expressly understood that the Village reserves the right to direct that no payment be made to the Contractor should he have reason to believe that said Contractor has failed for any reason to make just payment to any employee, subcontractor, or material supplier used or employed by the Contractor in the prosecution of the work, until the Village is satisfied that full and proper payment has been made. The Contractor shall secure and file with the Owner the progress and final waivers of lien for all materials incorporated into and labor and equipment employed on the work before payment requests are processed.

H. PARTIAL AND FINAL ACCEPTANCE OF THE WORK

Work on this Contract is not subject to partial inspection and acceptance. The entire work shall be made in a neat and workmanlike manner and all requirements shall be complied with. The mere fact that some particular part or portion of the work may have been previously inspected, cleaned, and set in order will not excuse the Contractor from again cleaning any and all portions so that the entire system of work shall be in proper condition and subject to final inspection by the Village and complying with the use intended at the time of acceptance by the Owner. The date of final acceptance of work on this Contract is the date that the Contractor is issued final payment by the Owner.

2.2 Applicable Regulations and Standards

All the latest and most recent standards, regulations, work rules, product specifications, and workmanship practices will apply to this project unless otherwise approved by the Village.

2.3 Evaluation Criteria

The Village will select a contractor on the basis of the responsiveness of the proposal to the Request for Proposal requirements and willingness to negotiate and execute an acceptable written agreement. The Village reserves the right to reject any, some or all proposals and to request written clarification of proposals and supporting materials.

Responses may be rejected if the contractor fails to perform any of the following:

1. to adhere to one or more of the provisions established in this RFP;
2. to submit a response and complete all required forms;
3. to demonstrate technical competence;
4. to submit a response on or before the deadline
5. to fulfill a request for an oral presentation.

Discussions may be conducted with responsible entities that have submitted proposals in order to clarify certain elements. Proposals shall be afforded fair and equal treatment with respect to any opportunity for discussion and revision. Any such revisions may be permitted after submissions and prior to award for the purpose of obtaining best and final offers at the discretion of the Village. In conducting discussions, there shall be no disclosure of information derived from proposals submitted by competing proposers. The selection shall be done by a review team and will be recommended to the Village Administrator for final approval.

The Contractor to be recommended for approval will be the one whose proposal is determined to be the most advantageous to the Village, in consideration of price and the evaluation factors set forth in this Request for Proposal.

The Village of Gurnee reserves the right to negotiate with more than one potential awardees after the submission of all proposals.

The Village of Gurnee may award a contract based on initial proposals received without discussing such proposals among the contractors.

The Village of Gurnee reserves the right not to fund any of the respondents to this bid.

The Village is not required to furnish a statement of the reason(s) why a proposal was not deemed to be the most advantageous.

The Village of Gurnee in accordance with the laws of the State of Illinois, hereby notifies all respondents that it will affirmatively insure that the agreement entered into pursuant to this notice will be awarded to the successful firm without discrimination on the grounds of race, color or national origin.

2.4 Contractor Qualifications

The Contractor must possess the equipment and all required licenses and authorizations necessary to complete the type of work required.

The Contractor is responsible for compliance with all regulations and standards set forth in the general conditions and special provisions of this document.

2.5 Pre-Proposal Inspection

All interested contractors are encouraged to visit the site of the proposed work, to familiarize themselves with the project, and to pose questions or request additional information.

During this inspection a walkthrough of the site will be allowed to assist in determining the scope of work, measurements, material quantities, sizes, and site conditions that will affect work, which is the sole responsibility of the Contractor. Contractor should acquaint themselves with job conditions by site review. Failure to do so will not relieve the Contractor of the obligation to furnish all services necessary to carry out the provisions of the Contract.

The Village assumes no responsibility for any misunderstanding or representations concerning conditions made by its officers or employees prior to the execution of this contract, unless such understanding or representations made are given in writing. No additional allowance will be granted because of lack of knowledge of such conditions.

2.6 Contractor Requirements

A. CONTRACTOR'S EMPLOYEES

The Contractor shall employ skilled foremen and laborers and shall, if directed by the Village, discharge from the site of the work any incompetent, abusive, or disorderly employees. None but person's expert in their respective branches of work shall be employed by the Contractor.

B. EXISTING FACILITIES

The Contractor shall clean and maintain all work areas adjoining the project site free from all construction debris at all times. The Contractor is also responsible for the immediate removal of debris from adjacent work areas caused by construction foot traffic entering and leaving the project area.

C. SALVAGED MATERIAL

All material of any kind encountered on the site is the property of the Owner. When approved for removal from the site of the work, said material shall become the property of the Contractor and shall be disposed of, in a timely fashion, as specified.

D. PERMITS

The Village of Gurnee shall be responsible for obtaining all permits.

E. ORDINANCES

The Contractor shall observe all laws and ordinances controlling or limiting those engaged in public work, which ordinances and laws are made a part of these Specifications. The Contractor shall provide and maintain such sanitary accommodations for the use of his / her employees as may be necessary to comply with the State and Local Board of Health requirements. Public nuisances will not be tolerated.

F. DAMAGE

All loss or damage arising out of the nature of the work to be done, or from any delay or unforeseen or unusual obstructions, or from difficulties which may be encountered in the prosecution of the work or arising from the action of the elements, shall be sustained at the Contractor's expense.

The Contractor is responsible for having any and all public and private utilities located in proximity to the project site. The Contractor shall protect all public and private utilities and shall notify the owners of all utilities at least 48 hours prior to commencing work. The Contractor shall contact JULIE (1-800-892-0123) and obtain the horizontal and vertical field locations for their utilities within the limits of the proposed construction.

The Contractor shall be held responsible for all damage to any utilities, sidewalks, pavements, structures, etc.

The Contractor shall, without extra charge, erect, maintain, and remove strong and suitable barriers to protect the site and public.

The Contractor shall protect the adjoining building from damage and injury in the progress of the work, at the Contractor's expense.

The Contractor shall protect all private and corporate property, such as gas mains, telephone lines, telephone or telegraph poles or conduits, etc. interfering with the work, notifying the several owners of the work to be done, and arranging for the future disposition of their property. The Contractor agrees to hold the Village harmless from any such claims or demands of any kind, arising from their performing the work on this Contract.

G. MINIMUM WAGE PROVISIONS

The successful bidder will be required to pay not less than the prevailing rates of wages in this locality to workmen engaged in the work, in accordance with "The Prevailing Wage Act", Illinois Revised Statutes, as amended. All contractors and subcontractors shall submit certified payroll records to the Village of Gurnee. Contractors must submit these records once a month. The payroll records must include all workers employed by contractors who have worked on construction projects undertaken on behalf of the Village.

H. FAIR EMPLOYMENT PRACTICES

In accordance with "An Act to Prohibit Discrimination and Intimidation on Account of Race or Color in Employment under Contracts for Public Buildings or Public Works", approved July 8, 1933, as amended, no person shall be refused or denied employment in any capacity on the grounds of race or color, nor be discriminated against in any manner by reason thereof in connection with the performance of this Contract, nor shall any unfair employment practice as defined in the "Fair Employment Practices Act", approved July 21, 1961, as amended, be committed by the Contractor, his / her subcontractors, suppliers of materials or services to the Contractor or his / her subcontractors, or any labor organizations furnishing skilled or unskilled labor to the Contractor or his / her subcontractors.

2.7 Response Requirements

The Village of Gurnee will accept written proposals for this work until 9:59 AM on June 28th, 2021. Proposals shall be delivered to the office of the Village Engineer at 325 N. O'Plaine Road, Gurnee, IL.

All costs incurred in the preparation and submission of the Request for Proposal shall be borne by the Contractor.

The Village of Gurnee is not obligated to return any responses or materials submitted by a contractor as a result of the Request for Proposal.

2.8 Payment for Completed Work

The work to be constructed may vary in actual units or quantities from those given in the Bid Documents, but no additions or deductions in the unit prices bid by the CONTRACTOR will be made because of this fact. The total bid and contract unit prices shall include all cost of the work to be constructed/demolished.

Any payments made to the CONTRACTOR during the progress of the work shall in no way lessen the total and final responsibility of the CONTRACTOR, nor in any manner whatever waive any of the terms, conditions, covenants, or requirements of the Contract, nor be considered a ratification of any act on the part of the Engineer, agents, or representatives of the Owner which in any manner may contravene any of the requirements or provisions of the Contract. During the course of the improvement, if the rate of progress is satisfactory to the Engineer, and it appears that all claims for labor and materials are satisfied, progress payment may be requested by the CONTRACTOR to the Engineer for payment by the Owner.

The CONTRACTOR and Engineer shall certify in writing to the amounts of work completed, on forms prepared by the Engineer, prior to presentation to the Owner for payment. The Owner will retain ten percent (10%) of the progress payments for work completed and approved to date and the final contract amount until all work is given final approval by the Engineer and all other requirements of the Contract have been completed to the satisfaction of the Owner.

2.9 Insurance

The Contractor shall not commence work under this Contract until he has obtained all insurance required under this paragraph and such insurance has been approved by the Owner, nor shall the Contractor allow any subcontractor to commence work on this Contract until all similar insurance required of the subcontractor has been so obtained and approved.

A. Compensation Insurance

The Contractor shall take out and maintain, during the life of this Contract, Workmen's Compensation Insurance for all his / her employees employed at the site of the project. In case any work is sublet, the Contractor shall require all subcontractors similarly to provide Workmen's Compensation Insurance for all the latter's employees unless such employees are covered by the protection afforded by the Contractor. In case any class of employees engaged in hazardous work under this Contract at the site of the project are not protected under the Workmen's Compensation Statute, the Contractor shall provide and shall cause each subcontractor to provide Workmen's Compensation Insurance for the protection of his / her employees not otherwise protected.

B. Public Liability & Property Damage Insurance

The Contractor shall take out and maintain and cause to be taken out and maintained by all subcontractors during the life of this Contract such Public Liability and Property Damage Insurance as shall protect him and all subcontractors performing work covered by this Contract from claims for damages for personal injury, including accidental death, as well as from claims for property damages, which may arise from operations under this Contract, whether such operations be by himself or by a subcontractor or by anyone directly or indirectly employed by either of them and the amounts of such insurance shall be as follows:

General Liability/Property Damage/Bodily Injury \$2 million combined single limit

Automobile Bodily Injury Liability/Property Damage \$2 million combined single limit

Such insurance shall name the Owner and the Village as insured along with the Contractor and shall hold harmless the Owner and the Village against all suits and claims arising from or as the result of the actions of the Contractor or his / her subcontractors.

Such policies shall not be cancelled, permitted to expire, or to be changed without the written consent of the Village.

C. Proof of Insurance

The Contractor shall furnish the Village with sufficient documentary evidence of insurance coverage, which evidence shall consist of either such original insurance policy or a certified state-statement from the insurer listing the details of the policy.

The Village of Gurnee and its officers, employees, and agents shall be named as additional insured on all insurance policies, with the exception of workers compensation.

2.10 Subcontractors

The Contractor must identify the name of and information (background and experience) of any subcontractors to be involved in this project.

All subcontract agreements shall contain the required Federal and State Equal Employment Opportunity provisions and Labor Compliance provisions, including contract minimum wage requirements.

All work permitted to be subcontracted is conditional upon the timeliness and satisfactory performance of the Subcontractor and coordination of the Contractor. The Village may order the Contractor to remove a Subcontractor who is not performing satisfactory work or who is not performing work in a timely manner.

2.11 Indemnity

To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify, and hold harmless the Village, its officials, agents, and employees against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, cost and expenses, which may in any way accrue against the Village, its officials, agents, employees, and volunteers arising in whole or in part or in consequence of the performance of this work by the Contractor, its employees, or subcontractors, or which may in any way result therefore, except that arising out of the sole legal cause of the Village, its officials, agents, or employees, the Contractor shall, at its own expense appear, defend, and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connection therewith, and, if any judgment shall be rendered against the municipality, its officials, agents, and employees, in any such action, the Contractor shall, at its own expense, satisfy, and discharge the same.

Contractor expressly understands and agrees that any performance bond or insurance protection required by the contract, or otherwise provided by contractor, shall in no way limit the responsibility to indemnify, keep and save harmless, and defend the Village as herein provided.

2.12 Force Majeure

Neither the Village nor the Vendor shall be liable in any way to the contractor as a result of an event, circumstance, or act of a third party that is beyond a party's reasonable control (e.g. an act of God, an act of the public enemy, an act of a government entity, strikes, or other labor disturbances, hurricanes, earthquakes, fires, floods, epidemics, embargoes, war, and riots).

2.13 Safety

Safety requirements: Contractor shall do whatever work is necessary for safety and be solely and completely responsible for conditions of the job site, including safety of all persons (including employees) and property during the project period. This requirement shall apply continuously and not be limited to normal working hours.

Safety provisions shall conform to Federal and State Departments of Labor, Occupational Safety and Health Act (OSHA), and other applicable Federal, State, County, and Local Laws, Ordinances, Codes, requirements set forth herein, and regulations that may be specified in other parts of these specifications. Where these are in conflict, the more stringent requirement shall be followed. Contractor shall become thoroughly familiar with governing safety provisions and shall comply with the obligations set forth therein.

3.0 SPECIAL PROVISIONS

THESE SPECIAL PROVISIONS INCLUDED HEREIN APPLY TO AND GOVERN THE PROPOSED DEMOLITION AND REMOVAL OF ALL STRUCTURES FROM 4606 AND 4625 OLD GRAND AVENUE. IN CASE OF CONFLICT WITH ANY PART OR PARTS OF SAID SPECIFICATIONS; SAID SPECIAL PROVISIONS SHALL TAKE PRECEDENT AND SHALL GOVERN. ADDITIONALLY, THE STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES CONSTRUCTION ADOPTED APRIL 1, 2016 WILL GOVERN PAY ITEMS OUTSIDE THE SPECIAL PROVISIONS WITHIN THIS DOCUMENT.

3.1 General Demolition

Work shall include demolition and removal of all above ground structures and associated concrete work including asphalt pavement material (approximately 2,500 SY of asphalt pavement removal). Demolition of foundation at 4606 & 4625 Old Grand Avenue shall occur to a minimum depth of 48" below grade. Please see Exhibit A for approximate limits of demolish.

It will be the Contractor's responsibility to haul away and dispose of all debris at a licensed location off-site. Demolition and soil disturbance must comply with the Illinois Department of Public Health, State and Federal Environmental Protection Agencies and Local Municipal Codes and Ordinances. The Village of Gurnee has completed the disconnection and abandonment of some of the existing utilities to the parcel, including; water, gas, telecommunications, and electric. The Contractor will be responsible for capping the sanitary service 48" to 72" below grade at the building once the demolition is complete. The service should be capped with a rubber cap with a stainless steel hose clamp. The Contractor will need to field verify size of service at the building.

3.2 Site Protection

The Contractor shall, without extra charge, erect, maintain, and remove strong and suitable barriers to protect the public and prevent any accident or harm to life, limb, or property in consequence of such work. All measures shall be taken to avoid debris scattering onto the street or adjacent properties from the site of demolition or truck hauling debris. Streets shall be clear of debris at all times.

3.3 Restoration

The Contractor shall backfill with compacted material and shall fill and compact the disturbed area to within 4" (or 6" if ALTERNATE 2 is selected) of the existing grade upon completion of demolition to allow for 4" of topsoil (or 6" if ALTERNATE 2 is selected). The Village will be able to provide some, if not all, the fill material for the two building's footprint. The Contractor will be responsible for any remaining areas to be backfilled. The Contractor will restore the final surface with 4" topsoil (or 6" topsoil if ALTERNATE 2 is selected), seeding, and laying of straw blanket. The contractor will be responsible for grading the site properly to provide positive drainage off the site or to drainage structures. The Contractor must match the existing grade with the final grade for final restoration. This site is within the Floodplain and will be subject to all floodplain standards according to the Lake County Watershed Development Ordinance.

3.4 Asbestos Containing Materials

Please note that mastic (under ceramic tile in both the 4609 and 4611 Old Grand units) contains asbestos. Since this material is in good condition and Category I Non-Friable, it can be left in place for demolition, so long as the demolition contractor is not going to recycle the concrete underneath the flooring. If the demolition contractor plans on recycling the concrete, the mastic should be abated. If the mastic will remain in place during demolition, it will be important that the demolition contractor utilizes wet methods while demolishing the buildings.

Please see the Asbestos Report at the end of the contract documents in Appendix A.

4.0 CERTIFICATIONS

Bid Rigging and Rotating

The undersigned hereby certifies that the Bidder is not barred from bidding on this contract as a result of a violation of either the bid-rigging or bid-rotating provisions of Article 33E of the Criminal Code of 1961, as amended.

Non Collusion

The undersigned certifies that this bid is genuine and not collusive or sham, that said bidder has not colluded, conspired, connived or agreed, directly or indirectly, with any bidder or person, to put in a sham bid or to refrain from bidding, and has not in any manner, directly or indirectly, sought by agreement or collusion, or communication or conference with any person, to fix the bid price element of this bid, or of that of any other bidder, or to secure any advantage against any other bidder or any person interested in the proposed contract.

Equal Opportunity

The undersigned hereby certifies that the Bidder is in compliance with the Equal Employment Opportunity Clause and the Illinois Fair Employment Practices Act.

Tax Payment

The undersigned further states that Bidder is not delinquent in payment of any taxes to the Illinois Department of Revenue, in accordance with Illinois Compiled Statutes, 65 ILCS 5/11-42.1. The undersigned understands that making a false statement regarding delinquency in taxes is a Class A Misdemeanor, voids the contract, and allows the municipality to recover all amounts paid to the individual or entity under the contract in civil action.

Prevailing Wage

The undersigned hereby certifies that, pursuant to the policy of the State of Illinois, a wage of no less than the general prevailing hourly rate as paid for work of similar character in the locality in which the work is performed will be paid to all laborers, workers, and mechanics employed by or on behalf of any and all public bodies engaged in public works.

Drug Free Workplace

The undersigned further states that, pursuant to Illinois Statutes, 30 ILCS 580/1, the Bidder provides a drug free workplace, and provides compliance with necessary requirements.

The undersigned hereby certifies they have read, understand, and agree that acceptance by the Village of Gurnee of the Bidder's offer by issuance of a Purchase Order will create a binding contract.

It is expressly understood the foregoing statements and representations and promises are made as a condition to the right of the bidder to receive payment under any award made under the terms and provisions of this bid.

The undersigned certifies that all the information contained above are true and correct. The undersigned further states the he or she had the authority to make all certifications required.

Indemnity and Hold Harmless

To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify, and hold harmless the Village, its officials, agents, and employees against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, cost and expenses, which may in any way accrue against the Village, its officials, agents, employees, and volunteers arising in whole or in part or in consequence of the performance of this work by the Contractor, its employees, or subcontractors, or which may in any way result therefore, except that arising out of the sole legal cause of the Village, its officials, agents, or employees, the Contractor shall, at its own expense appear, defend, and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connection therewith, and, if any judgment shall be rendered against the municipality, its officials, agents, and employees, in any such action, the Contractor shall, at its own expense, satisfy, and discharge the same.

Contractor expressly understands and agrees that any performance bond or insurance protection required by the contract, or otherwise provided by contractor, shall in no way limit the responsibility to indemnify, keep and save harmless, and defend the Village as herein provided.

COMPANY NAME: _____

AUTHORIZED SIGNATURE: _____

PRINTED NAME: _____

TITLE: _____ DATE: _____

5.0 Schedule of Prices

SCHEDULE OF PRICES

Alternate 1

(For complete information covering these items, see plans and specifications)

ITEM NO.	ITEM	UNIT	QUANTITY	TOTAL
1	DEMOLITION OF 4609, 4611, 4617 & 4625 Old Grand Avenue	L.S.	1	
2	TOPSOIL PLACEMENT 4", SEEDING CL 1 AND BLANKET	S.Y.	3,500	
3	CURB REMOVAL	L.F.	125	
4	P.C.C. DRIVEWAY REMOVAL	S.Y.	120	
5	COMB. CONC. CURB & GUTTER, TYPE B-6:12	L.F.	140	
6	P.C.C. SIDEWALK, 4 INCH	S.F.	300	
7	PAVEMENT REMOVAL, 4 INCH	S.Y.	2,500	
TOTAL=				

***The Contractor shall backfill with compacted material and shall fill and compact the disturbed area to within 4" of the existing grade upon completion of demolition to allow for 4" of topsoil placement. Additionally, the pavement should be removed up to 4" to allow for 4" of topsoil placement.

SCHEDULE OF PRICES

Alternate 2

(For complete information covering these items, see plans and specifications)

ITEM NO.	ITEM	UNIT	QUANTITY	TOTAL
1	DEMOLITION OF 4609, 4611, 4617 & 4625 OLD GRAND AVENUE	L.S.	1	
2	TOPSOIL PLACEMENT 6", SEEDING CL 1 AND BLANKET	S.Y.	3,500	
3	CURB REMOVAL	L.F.	125	
4	P.C.C. DRIVEWAY REMOVAL	S.Y.	120	
5	COMB. CONC. CURB & GUTTER, TYPE B-6:12	L.F.	140	
6	P.C.C. SIDEWALK, 4 INCH	S.F.	300	
7	PAVEMENT REMOVAL, 6 INCH	S.Y.	2,500	
TOTAL=				

***The Contractor shall backfill with compacted material and shall fill and compact the disturbed area to within 6" of the existing grade upon completion of building demolition to allow for 6" of topsoil placement. Additionally, the pavement should be removed up to 6" to allow for 6" of topsoil placement.

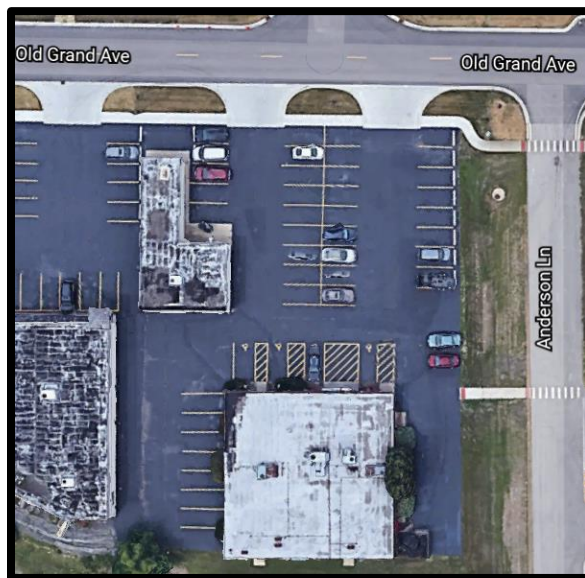
Appendix A



BROWNFIELD
ENVIRONMENTAL ENGINEERING

Asbestos Survey

4609-4617 and 4625 Old Grand Ave., Gurnee, IL



Date: April 6, 2021

BROWNFIELD PROJECT No.: 042-014

Prepared for:

Village of Gurnee
325 N. O'Plaine Road
Gurnee, IL 60031



Limited Asbestos Survey
4609-4617 and 4625 Old Grand Ave., Gurnee, IL 60031

Project No. 042-014

Project Summary

Project Name & Address: 4609-4617 and 4625 Old Grand Ave.
Gurnee, Illinois 60031

Brownfield Project No.: 042-014

Client: Village of Gurnee
325 N. O'Plaine Road
Gurnee, IL 60031

IDPH Building Inspector: Joshua Kunde, CEP-IT, CIEC
IDPH License No. 100-20003

Inspection & Sampling: March 23, 2021

Report Date: April 6, 2021

Report Attachments: Site Location Map
Photo Log
Laboratory Analytical Report
Illinois Asbestos Inspector License

Executive Summary

The services of Brownfield Environmental Engineering Resources, LLC were retained by the Village of Gurnee to perform a Limited Asbestos Survey on two (2) commercial buildings located in Gurnee, Illinois. One (1) building consists of three (3) separate commercial shops which include 4609, 4611, and 4617 Old Grand Avenue. The other building is currently listed as 4625 Old Grand Avenue.

On March 23, 2021, licensed asbestos inspector Joshua Kunde performed a visual inspection and collected asbestos bulk samples of building materials at the subject property. A total of 87 material samples of 30 homogeneous suspect materials were collected for polarized light microscopy (PLM) analysis.

The analytical results indicated that the following building materials contain asbestos:

Location	Sample No.	Material	Asbestos	Condition	Asbestos Type	Quantity
4611 - Throughout	4 – A, B, C	Black Mastic (beneath 18"x18" Ceramic Flooring)	3% Chrysotile	Good	Category I Non-Friable	≈1,500 sq. ft.
4611 – Utility Closet	8 – A, B, C	Black Mastic	3% Chrysotile	Good	Category I Non-Friable	≈100 sq. ft.
4609 – Restrooms	15 – A, B, C	Black Mastic (beneath 12"x12" Ceramic Flooring)	3% Chrysotile	Good	Category I Non-Friable	≈100 sq. ft.

The analytical results indicated the following building materials **DO NOT** contain asbestos:

Location	Sample No.	Material
4609-4617 – Exterior	1 – A, B, C	Concrete Block & Mortar
4609-4617 – Exterior	2 – A, B, C	Brick & Mortar

Location	Sample No.	Material
4609-4617 – Exterior	3 – A, B, C, D, E, F, G, H	Exterior Caulks
4611 – Throughout	4 – A, B, C	18"x18" Ceramic Floor & Grout
4611 – Throughout	5 – A, B, C	4" Ceramic Base
4609-4617	6 – A, B, C	Drywall & Joint Compound (<1% Chrysotile)
4611 – Throughout	7 – A, B, C	2'x4' Lay-In Ceiling Tile
4611 – Utility Closet	8 – A, B, C	Leveling Compound
4611 – Behind Counter	9 – A, B, C	Ceramic Flooring, Base & Grout
4611 – Behind Counter	10 – A, B, C	Wallboard Mastic
4611 – Near Desk	11 – A, B, C	12"x12" Floor Tile
4611 – Throughout	12 – A, B, C	Interior Caulk
4609 – Interior	13 – A, B, C	Laminate Flooring
4609 – Interior	14 – A, B, C	2'x4' Lay-In Ceiling Tile
4609 – Restrooms	15 – A, B, C	12"x12" Ceramic Floor & Grout
4617 – Interior	16 – A, B, C	12"x12" Floor Tile & Mastic
4617 – Interior	17 – A, B, C	2'x4' Lay-In Ceiling Tile
4617 – Interior	18 – A, B, C	Carpet Mastic
4617 – Interior	19 – A	Leveling Compound & Mastic

Location	Sample No.	Material
4617 – Interior	20 – A, B, C	Block & Mortar
4609-4617 & 4625	21 – A, B, C	Roofing Materials
4609-4617 – Exterior	22 – A	Shingles
4625 – Exterior	23 – A	Dryvit Siding
4625 – Exterior	24 – A	Glass Block Mortar
4625 – Exterior	25 – A, B, C	Brick & Mortar
4625 – Foyer	26 – A, B, C	12"x12" Ceramic Flooring & Grout
4625 – Throughout	27 – A, B, C	12"x12" Floor Tile, Mastic & Leveling Compound
4625 – Throughout	28 – A, B, C	Cove Base Mastic
4625 – Throughout	29 – A, B, C	Drywall & Joint Compound
4625 – Throughout	30 – A, B, C	2'x4' Lay-In Ceiling Tiles

Asbestos Bulk Sampling Methodology & Laboratory Analysis

Asbestos bulk samples were collected and placed in zip-lock bags for shipment to Eurofins CEI Laboratory of Cary, North Carolina to be analysed by polarized light microscopy (PLM). The non-destructive bulk sampling was performed to identify asbestos in building materials.

Definitions

Category I Non-Friable – material is pliable – not brittle, breaks by tearing rather than fracturing and does not easily release asbestos fibers upon breaking; these materials should be addressed during renovation activities that would disturb the material, but do not need to be removed prior to demolition, provided that the materials are handled and disposed of as asbestos containing materials. Category I Non-Friable materials may include resilient floor coverings, asphalt roofing materials, and gaskets.

Category II Non-Friable ACM is any material, excluding Category I Non-Friable ACM, containing more than one percent (1%) asbestos as determined using polarized light microscopy according to the methods specified in Appendix A, Subpart F, 40 CFR Part 763 that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure. (Sec. 61.141). Category II Non-Friable ACMs (cement siding, transite board shingles, etc.) subjected to intense weather conditions such as thunderstorms, high winds or prolonged exposure to high heat and humidity may become "weathered" to a point where they become friable.

Friable materials contain more than 1% asbestos and can be pulverized or reduced to powder when dry.

Recommendations & Limitations

This asbestos related environmental consulting report has been developed to provide the client with information regarding the apparent conditions related to limited accessible building materials at the subject property. Due to the nature of the work, there is a possibility that conditions exist which could not be identified within the scope of the assessment. During the course of demolition or renovation, any additional suspect building materials discovered must be assumed to be asbestos containing.

During the demolition or renovation activities an individual trained and knowledgeable in the provisions of 40 CFR Part 61, Subpart M must be on site, and a copy of this report must be kept on site. Due to the nature of the original building configurations and the existing building configurations, it will be especially important to have an asbestos trained professional on site during the demolition process to identify any suspect building materials which may not have been identified during the initial limited asbestos survey.

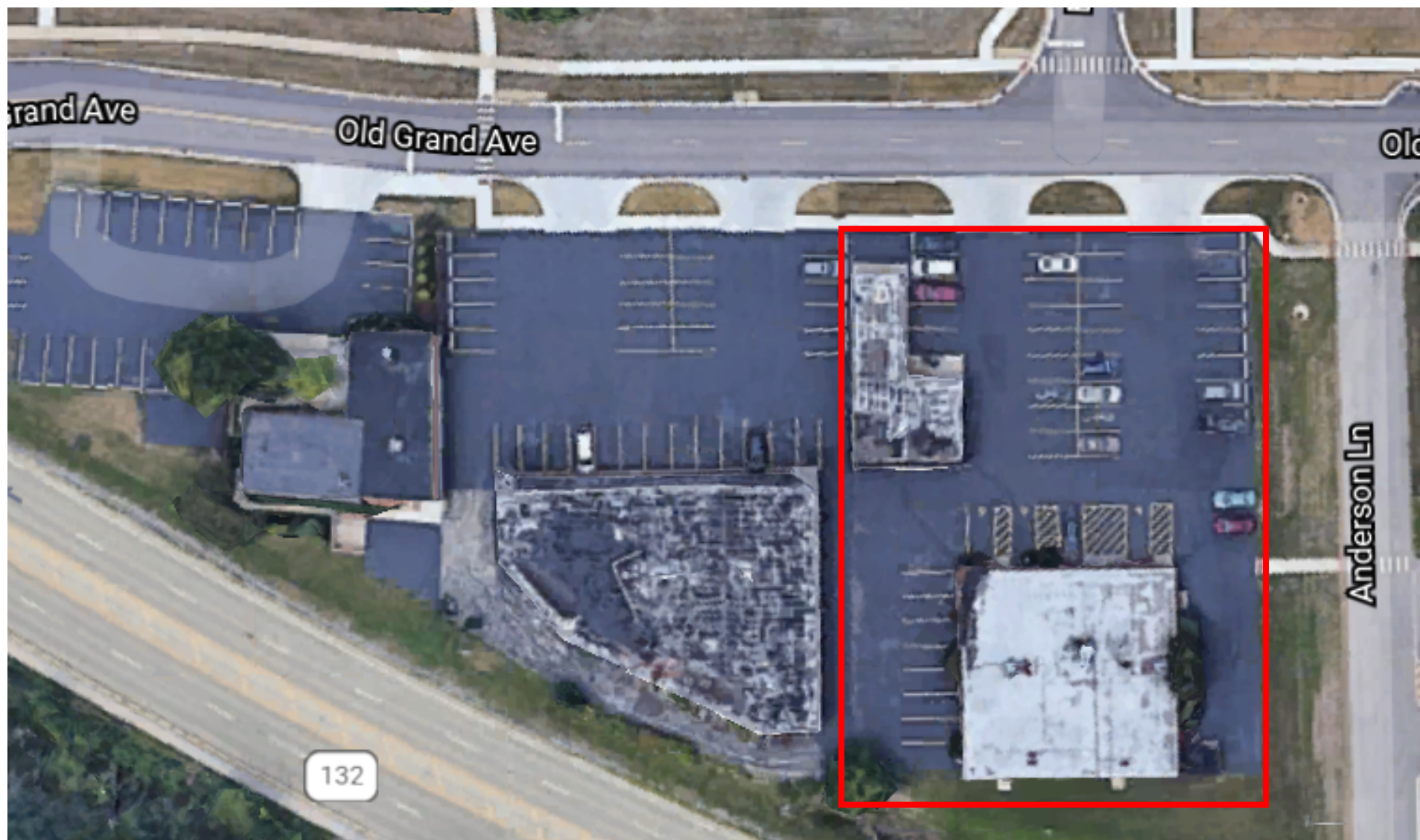
Thank you for choosing Brownfield Environmental Engineering Resources, LLC to be a part of the team for this project. Please contact us if you have any questions or need any additional information.

Sincerely,

Brownfield Environmental Engineering Resources, LLC



Joshua Kunde, CEP-IT, CIEC – Project Manager
IDPH License No. 100-20003



645 Third Street, Suite 250, Beloit, WI 53511
 (608) 856-5434 | (815) 713-9165 | www.brownfieldusa.com

Site Location Map

LOCATION:	4609-4617 and 4625 Old Grand Ave., Gurnee, IL
CLIENT:	Village of Gurnee
PROJECT:	042-014
DATE:	April 5, 2021



Project #:	042-014
Client:	Village of Gurnee
Address:	4625 and 4609-4617 Old Grand Ave., Gurnee, IL



Photo No. 1

Sample No. 1 – A, B, C

Date: 3/23/21

Location: Exterior – 4609-4617

Description: Concrete Block & Mortar

Color: Grey



Photo No. 2

Sample No. 2 – A, B, C

Date: 3/23/21

Location: Exterior – 4609-4617

Description: Brick & Mortar

Color: Red/Tan

Project #:	042-014
Client:	Village of Gurnee
Address:	4625 and 4609-4617 Old Grand Ave., Gurnee, IL



Photo No. 3

Sample No. 3 – A, B, C, D, E, F, G, H

Date: 3/23/21

Location: Exterior – 4609-4617

Description: Exterior Caulk

Color: Multi



Photo No. 4

Sample No. 4 – A, B, C

Date: 3/23/21

Location: 4611 – Throughout

Description: 18" x 18" Ceramic Floor,
Grout, & **Mastic**

3% Chrysotile

Color: Tan/Black

Project #:	042-014
Client:	Village of Gurnee
Address:	4625 and 4609-4617 Old Grand Ave., Gurnee, IL



Photo No. 5

Sample No. 5 – A, B, C

Date: 3/23/21

Location: 4611 – Throughout

Description: 4" Ceramic Base

Color: Tan/Black

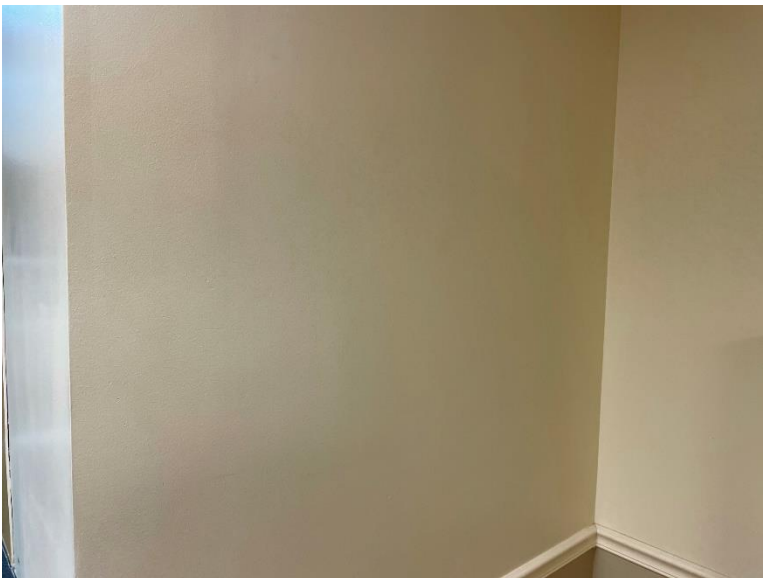


Photo No. 6

Sample No. 6 – A, B, C

Date: 3/23/21

Location: 4609-4617

Description: Drywall & Joint Compound (<1% Chrysotile)

Color: White

Project #:	042-014
Client:	Village of Gurnee
Address:	4625 and 4609-4617 Old Grand Ave., Gurnee, IL



Photo No. 7

Sample No. 7 – A, B, C

Date: 3/23/21

Location: 4611 – Throughout

Description: 2' x 4' Lay-In Ceiling Tile

Color: White

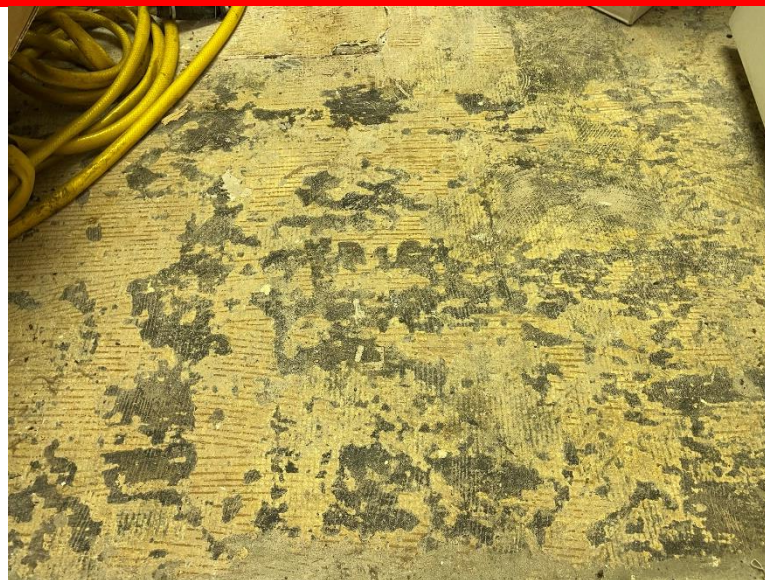


Photo No. 8

Sample No. 8 – A, B, C

Date: 3/23/21

Location: 4611 – Utility Closet

Description: **Mastic** & Leveling
Compound (<1%
Chrysotile)

3% Chrysotile

Color: Black/White

Project #:	042-014
Client:	Village of Gurnee
Address:	4625 and 4609-4617 Old Grand Ave., Gurnee, IL

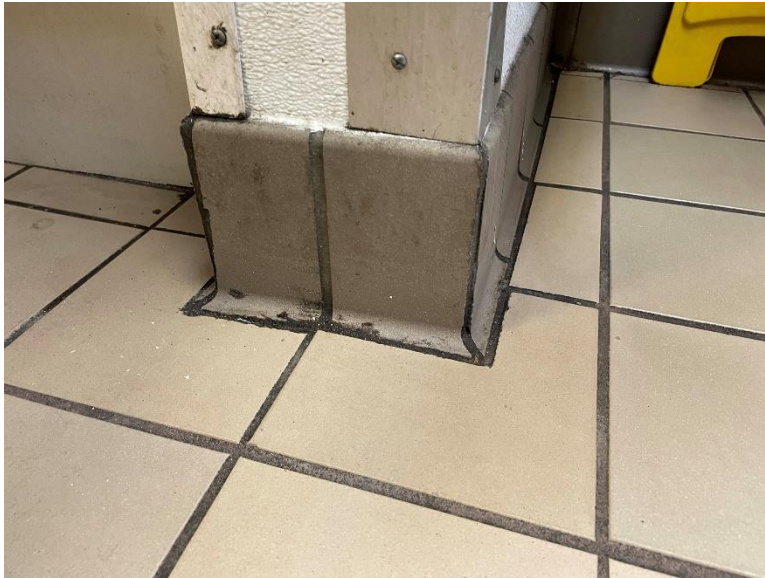


Photo No. 9

Sample No. 9 – A, B, C

Date: 3/23/21

Location: 4611 – Behind Counter

Description: Ceramic Flooring, Base,
& Grout

Color: Tan/Black



Photo No. 10

Sample No. 10 – A, B, C

Date: 3/23/21

Location: 4611 – Behind Counter

Description: Wallboard Mastic

Color: Yellow

Project #:	042-014
Client:	Village of Gurnee
Address:	4625 and 4609-4617 Old Grand Ave., Gurnee, IL

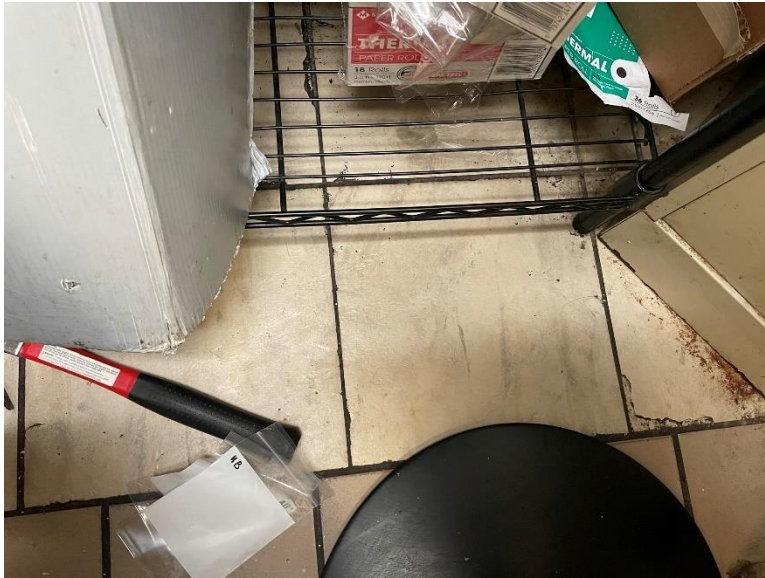


Photo No. 11

Sample No. 11 – A, B, C

Date: 3/23/21

Location: 4611 – Near Desk

Description: 12" x 12" Floor Tile

Color: White



Photo No. 12

Sample No. 12 – A, B, C

Date: 3/23/21

Location: 4611 – Back Room

Description: Interior Caulk

Color: Multi

Project #:	042-014
Client:	Village of Gurnee
Address:	4625 and 4609-4617 Old Grand Ave., Gurnee, IL



Photo No. 13

Sample No. 13 – A, B, C

Date: 3/23/21

Location: 4609 - Interior

Description: Laminate Flooring

Color: Wood Pattern



Photo No. 14

Sample No. 14 – A, B, C

Date: 3/23/21

Location: 4609 - Interior

Description: 2' x 4' Lay-In Ceiling Tile

Color: White

Project #:	042-014
Client:	Village of Gurnee
Address:	4625 and 4609-4617 Old Grand Ave., Gurnee, IL

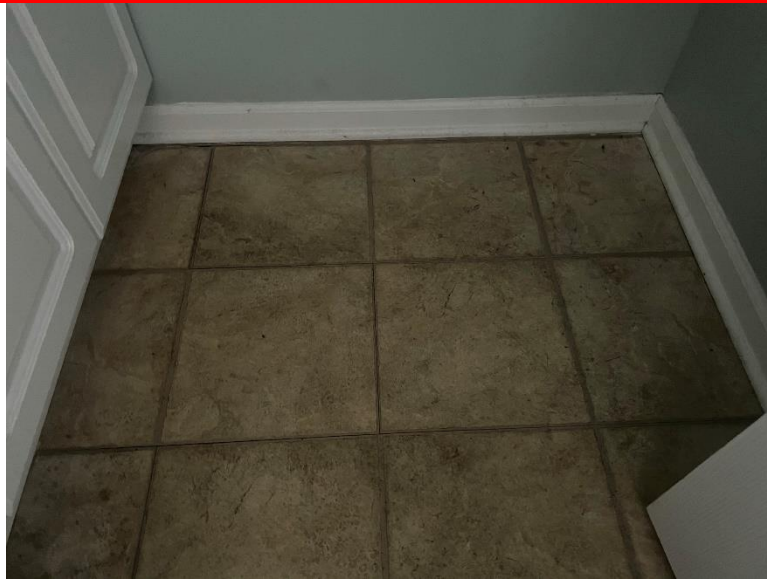


Photo No. 15

Sample No. 15 – A, B, C

Date: 3/23/21

Location: 4609 - Restrooms

Description: 12" x 12" Ceramic Floor,
Grout & **Mastic**

3% Chrysotile

Color: Tan



Photo No. 16

Sample No. 16 – A, B, C

Date: 3/23/21

Location: 4617 - Interior

Description: 12" x 12" Floor Tile &
Mastic

Color: Off-White/Yellow

Project #:	042-014
Client:	Village of Gurnee
Address:	4625 and 4609-4617 Old Grand Ave., Gurnee, IL



Photo No. 17

Sample No. 17 – A, B, C

Date: 3/23/21

Location: 4617 - Interior

Description: 2' x 4' Lay-In Ceiling Tile

Color: White



Photo No. 18

Sample No. 18 – A, B, C

Date: 3/23/21

Location: 4617 - Interior

Description: Carpet Mastic

Color: Yellow

Project #:	042-014
Client:	Village of Gurnee
Address:	4625 and 4609-4617 Old Grand Ave., Gurnee, IL



Photo No. 19

Sample No. 19 – A

Date: 3/23/21

Location: 4617 - Interior

Description: Leveling Compound & Mastic

Color: White/Black

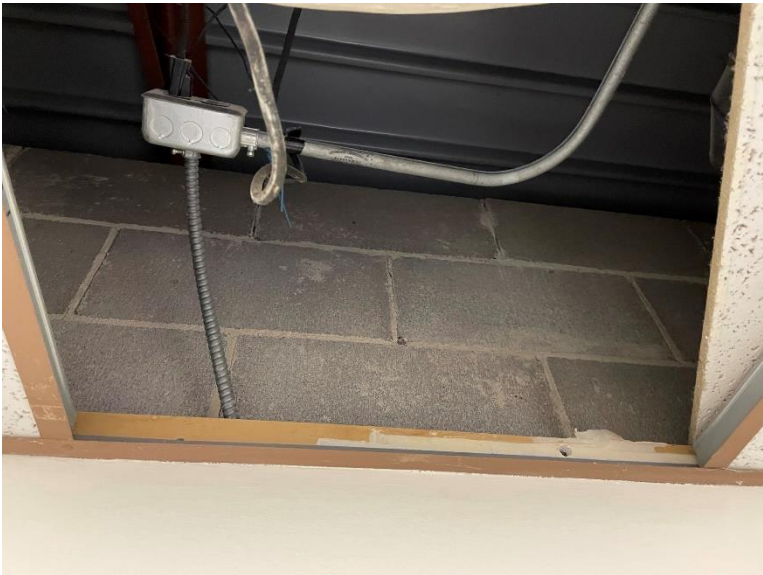


Photo No. 20

Sample No. 20 – A, B, C

Date: 3/23/21

Location: 4617 - Interior

Description: Block & Mortar

Color: Grey

Project #:	042-014
Client:	Village of Gurnee
Address:	4625 and 4609-4617 Old Grand Ave., Gurnee, IL



Photo No. 21

Sample No. 21 – A, B, C

Date: 3/23/21

Location: 4609, 4611, 4617, 4625

Description: Roofing Materials

Color: Black



Photo No. 22

Sample No. 22 – A

Date: 3/23/21

Location: Exterior – 4609-4617

Description: Shingles

Color: Brown

Project #:	042-014
Client:	Village of Gurnee
Address:	4625 and 4609-4617 Old Grand Ave., Gurnee, IL



Photo No. 23

Sample No. 23 – A

Date: 3/23/21

Location: 4625 - Exterior

Description: Dryvit Siding

Color: Tan/White



Photo No. 24

Sample No. 24 – A

Date: 3/23/21

Location: 4625 - Exterior

Description: Glass Block Mortar

Color: Grey

Project #:	042-014
Client:	Village of Gurnee
Address:	4625 and 4609-4617 Old Grand Ave., Gurnee, IL



Photo No. 25

Sample No. 25 – A, B, C

Date: 3/23/21

Location: 4625 - Exterior

Description: Brick & Mortar

Color: Grey/White

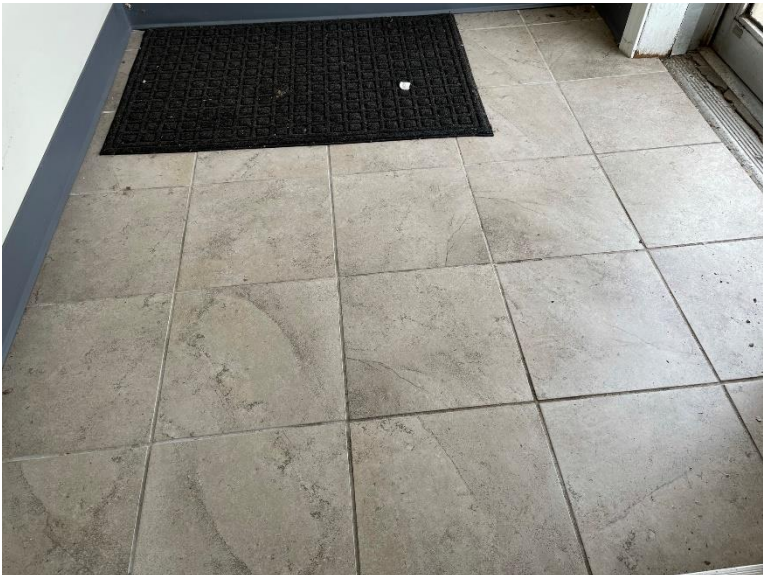


Photo No. 26

Sample No. 26 – A, B, C

Date: 3/23/21

Location: 4625 - Foyer

Description: 12" x 12" Ceramic
Flooring & Grout

Color: Tan/Grey

Project #:	042-014
Client:	Village of Gurnee
Address:	4625 and 4609-4617 Old Grand Ave., Gurnee, IL



Photo No. 27

Sample No. 27 – A, B, C

Date: 3/23/21

Location: 4625 – Throughout

Description: 12" x 12" Floor Tile,
Mastic & Leveling
Compound

Color: White w/ Blue
Speckles/Black/Yellow

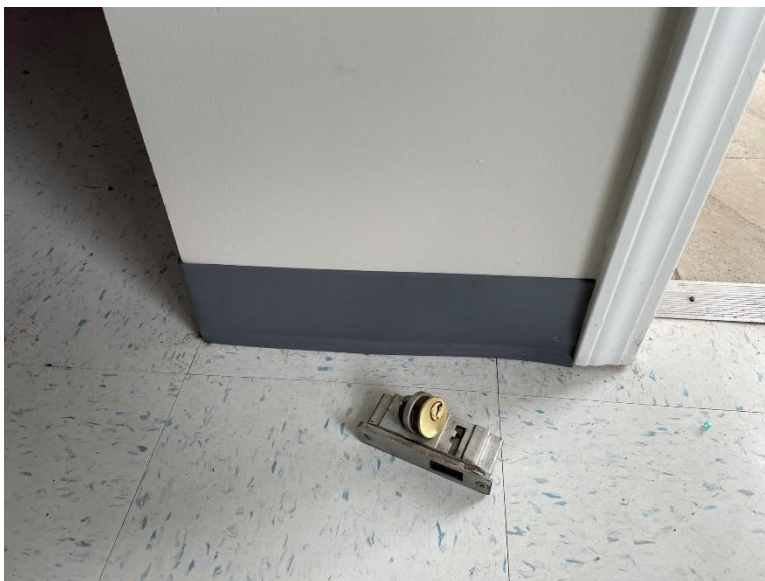


Photo No. 28

Sample No. 28 – A, B, C

Date: 3/23/21

Location: 4625 – Throughout

Description: Cove Base Mastic

Color: Grey

Project #:	042-014
Client:	Village of Gurnee
Address:	4625 and 4609-4617 Old Grand Ave., Gurnee, IL



Photo No. 29

Sample No. 29 – A, B, C

Date: 3/23/21

Location: 4625 – Throughout

Description: Drywall & Joint Compound

Color: White



Photo No. 30

Sample No. 30 – A, B, C

Date: 3/23/21

Location: 4625 – Throughout

Description: 2' x 4' Lay-In Ceiling Tile

Color: White

April 5, 2021

Brownfield Environmental Engineering Resources, LLC
635 Third Street
Beloit, WI 53511

CLIENT PROJECT: Limited Asbestos Survey & Sampling Analysis, 042-014
CEI LAB CODE: B213279

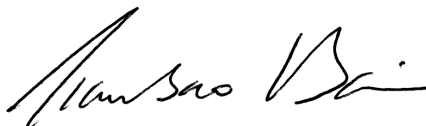
Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on March 24, 2021. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,



Tianbao Bai, Ph.D., CIH
Laboratory Director

ASBESTOS ANALYTICAL REPORT

By: Polarized Light Microscopy

Prepared for

Brownfield Environmental Engineering Resources, LLC

CLIENT PROJECT: Limited Asbestos Survey & Sampling Analysis, 042-014

LAB CODE: B213279

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 04/05/21

TOTAL SAMPLES ANALYZED: 85

SAMPLES >1% ASBESTOS: 3



CEI

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Limited Asbestos Survey & Sampling
Analysis, 042-014

LAB CODE: B213279

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1-A	Layer 1	B49217	Gray	Concrete Block	None Detected
	Layer 2	B49217	Gray,Off-white	Mortar	None Detected
1-B	Layer 1	B49218	Gray	Concrete Block	None Detected
	Layer 2	B49218	Gray,Off-white	Mortar	None Detected
1-C	Layer 1	B49219	Gray	Concrete Block	None Detected
	Layer 2	B49219	Gray,Off-white	Mortar	None Detected
2-A	Layer 1	B49220	Red	Brick	None Detected
	Layer 2	B49220	Gray,Tan	Mortar	None Detected
2-B	Layer 1	B49221	Red	Brick	None Detected
	Layer 2	B49221	Gray,Tan	Mortar	None Detected
2-C	Layer 1	B49222	Red	Brick	None Detected
	Layer 2	B49222	Gray,Tan	Mortar	None Detected
3-A		B49223	Gray	Exterior Caulk	None Detected
3-B		B49224	Black	Exterior Caulk	None Detected
3-C		B49225	Gray	Exterior Caulk	None Detected
3-D		B49226	Gray	Exterior Caulk	None Detected
3-E		B49227	Light Brown	Exterior Caulk	None Detected
3-F		B49228	Tan	Exterior Caulk	None Detected
3-G		B49229	Gray	Exterior Caulk	None Detected
3-H		B49230	Gray	Exterior Caulk	None Detected
4-A	Layer 1	B49231	Tan	Ceramic Tile	None Detected
	Layer 2	B49231	Gray	Grout	None Detected
4-B		B49232A	Tan	Ceramic Tile	None Detected
	Layer 1	B49232B	Gray	Grout	None Detected
	Layer 2	B49232B	Yellow	Mastic	None Detected
	Layer 3	B49232B	Black	Mastic	Chrysotile 3%
4-C		B49233A	Tan	Ceramic Tile	None Detected
		B49233B		Sample Not Analyzed per COC	
5-A	Layer 1	B49234	Tan	Ceramic Base	None Detected
	Layer 2	B49234	Dark Gray	Grout	None Detected
5-B	Layer 1	B49235	Tan	Ceramic Base	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Limited Asbestos Survey & Sampling
Analysis, 042-014

LAB CODE: B213279

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
	Layer 2	B49235	Dark Gray	Grout	None Detected
5-C	Layer 1	B49236	Tan	Ceramic Base	None Detected
	Layer 2	B49236	Dark Gray	Grout	None Detected
6-A		B49237	Off-white, Tan	Drywall/Joint Compound	None Detected
6-B		B49238	Off-white, Tan	Drywall/Joint Compound	None Detected
6-C		B49239	Off-white, Tan	Drywall/Joint Compound	Chrysotile <1%
7-A		B49239	Off-white	Ceiling Tile	None Detected
7-B		B49240	Off-white	Ceiling Tile	None Detected
7-C		B49241	Off-white	Ceiling Tile	None Detected
8-A	Layer 1	B49243	Black	Mastic	Chrysotile 3%
	Layer 2	B49243	Gray	Leveling Compound	Chrysotile <1%
	Layer 3	B49243	Yellow	Mastic	None Detected
8-B		B49244		Sample Not Analyzed per COC	
8-C		B49245		Sample Not Analyzed per COC	
9-A	Layer 1	B49246	Tan	Ceramic Tile	None Detected
	Layer 2	B49246	Gray	Grout	None Detected
9-B	Layer 1	B49247	Tan	Ceramic Tile	None Detected
	Layer 2	B49247	Gray	Grout	None Detected
9-C	Layer 1	B49248	Tan	Ceramic Tile	None Detected
	Layer 2	B49248	Gray	Grout	None Detected
10-A		B49249	Yellow	Mastic	None Detected
10-B		B49250	Yellow	Mastic	None Detected
10-C		B49251	Yellow	Mastic	None Detected
11-A	Layer 1	B49252	Off-white	Ceramic Tile	None Detected
	Layer 2	B49252	Gray	Grout	None Detected
11-B	Layer 1	B49253	Off-white	Ceramic Tile	None Detected
	Layer 2	B49253	Gray	Grout	None Detected
11-C	Layer 1	B49254	Off-white	Ceramic Tile	None Detected
	Layer 2	B49254	Gray	Grout	None Detected
12-A		B49255	Dark Brown	Interior Caulk	None Detected
12-B		B49256	Off-white	Interior Caulk	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Limited Asbestos Survey & Sampling Analysis, 042-014

LAB CODE: B213279

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
12-C		B49257	Clear	Interior Caulk	None Detected
13-A		B49258	Faux-wood	Laminate Flooring	None Detected
13-B		B49259	Faux-wood	Laminate Flooring	None Detected
13-C		B49260	Faux-wood	Laminate Flooring	None Detected
14-A		B49261	Off-white	Ceiling Tile	None Detected
14-B		B49262	Off-white	Ceiling Tile	None Detected
14-C		B49263	Off-white	Ceiling Tile	None Detected
15-A		B49264A	Off-white,Tan	Floor Tile	None Detected
		B49264B	Clear	Mastic	None Detected
		B49264C	Gray,Blue	Floor Tile	None Detected
15-B		B49265A	Off-white,Tan	Floor Tile	None Detected
		B49265B	Clear	Mastic	None Detected
		B49265C	Gray,Blue	Floor Tile	None Detected
15-C		B49266A	Off-white,Tan	Floor Tile	None Detected
		B49266B	Clear	Mastic	None Detected
		B49266C	Gray,Blue	Floor Tile	None Detected
		B49266D	Off-white	Floor Tile	None Detected
		B49266E	Black	Mastic	Chrysotile 3%
16-A		B49267A	Off-white	Floor Tile	None Detected
		B49267B	Yellow	Mastic	None Detected
16-B		B49268A	Off-white	Floor Tile	None Detected
		B49268B	Yellow	Mastic	None Detected
16-C		B49269A	Off-white	Floor Tile	None Detected
		B49269B	Yellow	Mastic	None Detected
17-A		B49270	Off-white	Ceiling Tile	None Detected
17-B		B49271	Off-white	Ceiling Tile	None Detected
17-C		B49272	Off-white	Ceiling Tile	None Detected
18-A		B49273	Yellow	Carpet Mastic	None Detected
18-B		B49274	Yellow	Carpet Mastic	None Detected
18-C		B49275	Yellow	Carpet Mastic	None Detected
19-A		B49276	Gray	Leveling Compound	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Limited Asbestos Survey & Sampling
Analysis, 042-014

LAB CODE: B213279

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
20-A		B49277	Gray	Block	None Detected
20-B		B49278	Gray,White	Block	None Detected
20-C		B49279	Gray,White	Block	None Detected
21-A	Layer 1	B49280	Black	Roofing	None Detected
	Layer 2	B49280	Brown	Roofing	None Detected
21-B	Layer 1	B49281	Black	Roofing	None Detected
	Layer 2	B49281	Black	Roofing	None Detected
21-C	Layer 1	B49282	Silver	Silver Paint	None Detected
	Layer 2	B49282	Black	Roofing	None Detected
	Layer 3	B49282	Black	Roofing	None Detected
	Layer 4	B49282	Brown	Roofing	None Detected
22-A		B49283	Brown,Black	Shingle	None Detected
23-A		B49284	Tan,White	Fryvit Siding	None Detected
24-A		B49285	Gray,White	Block Mortar	None Detected
25-A	Layer 1	B49286	Red,Gray	Brick	None Detected
	Layer 2	B49286	Gray	Mortar	None Detected
25-B	Layer 1	B49287	Red,Gray	Brick	None Detected
	Layer 2	B49287	Gray	Mortar	None Detected
25-C	Layer 1	B49288	Red,Gray	Brick	None Detected
	Layer 2	B49288	Gray	Mortar	None Detected
26-A		B49289A	Tan	Ceramic Tile	None Detected
	Layer 1	B49289B	Gray	Grout	None Detected
	Layer 2	B49289B	Black	Mastic	None Detected
26-B		B49290A	Tan	Ceramic Tile	None Detected
	Layer 1	B49290B	Gray	Grout	None Detected
	Layer 2	B49290B	Black	Mastic	None Detected
26-C		B49291A	Tan	Ceramic Tile	None Detected
	Layer 1	B49291B	Gray	Grout	None Detected
	Layer 2	B49291B	Black	Mastic	None Detected
27-A		B49292A	White,Blue	Floor Tile	None Detected
	Layer 1	B49292B	Gray	Leveling Compound	None Detected



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Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Limited Asbestos Survey & Sampling
Analysis, 042-014

LAB CODE: B213279

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
27-B	Layer 2	B49292B	Yellow,Black	Mastic	None Detected
		B49293A	White,Blue	Floor Tile	None Detected
27-C	Layer 1	B49293B	Gray	Leveling Compound	None Detected
	Layer 2	B49293B	Yellow,Black	Mastic	None Detected
28-A		B49294A	White,Blue	Floor Tile	None Detected
	Layer 1	B49294B	Gray	Leveling Compound	None Detected
28-B	Layer 2	B49294B	Yellow,Black	Mastic	None Detected
		B49295	Tan	Covebase Mastic	None Detected
28-B		B49296	Tan	Covebase Mastic	None Detected
28-C		B49297	Tan	Covebase Mastic	None Detected
29-A		B49298	Off-white,Tan	Drywall/Joint Compound	None Detected
29-B		B49299	Off-white,Tan	Drywall/Joint Compound	None Detected
29-C		B49300	Off-white,Tan	Drywall/Joint Compound	None Detected
30-A		B49301	Off-white	Ceiling Tile	None Detected
30-B		B49302	Off-white	Ceiling Tile	None Detected
30-C		B49303	Off-white	Ceiling Tile	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Brownfield Environmental Engineering Resources, LLC
635 Third Street
Beloit, WI 53511

Lab Code: B213279
Date Received: 03-24-21
Date Analyzed: 04-03-21
Date Reported: 04-05-21

Project: Limited Asbestos Survey & Sampling Analysis, 042-014

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
1-A Layer 1 B49217	Concrete Block	Homogeneous Gray Non-fibrous Tightly Bound		100% Silicates	None Detected
Layer 2 B49217	Mortar	Homogeneous Gray, Off-white Non-fibrous Tightly Bound		75% Silicates 25% Binder	None Detected
1-B Layer 1 B49218	Concrete Block	Homogeneous Gray Non-fibrous Tightly Bound		100% Silicates	None Detected
Layer 2 B49218	Mortar	Homogeneous Gray, Off-white Non-fibrous Tightly Bound		75% Silicates 25% Binder	None Detected
1-C Layer 1 B49219	Concrete Block	Homogeneous Gray Non-fibrous Tightly Bound		100% Silicates	None Detected
Layer 2 B49219	Mortar	Homogeneous Gray, Off-white Non-fibrous Tightly Bound		75% Silicates 25% Binder	None Detected
2-A Layer 1 B49220	Brick	Homogeneous Red Non-fibrous Tightly Bound		80% Silicates 20% Binder	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Brownfield Environmental Engineering Resources, LLC
635 Third Street
Beloit, WI 53511

Lab Code: B213279
Date Received: 03-24-21
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Project: Limited Asbestos Survey & Sampling Analysis, 042-014

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
Layer 2 B49220	Mortar	Homogeneous Gray,Tan Non-fibrous Tightly Bound		75% Silicates 25% Binder	None Detected
2-B Layer 1 B49221	Brick	Homogeneous Red Non-fibrous Tightly Bound		80% Silicates 20% Binder	None Detected
Layer 2 B49221	Mortar	Homogeneous Gray,Tan Non-fibrous Tightly Bound		75% Silicates 25% Binder	None Detected
2-C Layer 1 B49222	Brick	Homogeneous Red Non-fibrous Tightly Bound		80% Silicates 20% Binder	None Detected
Layer 2 B49222	Mortar	Homogeneous Gray,Tan Non-fibrous Tightly Bound		75% Silicates 25% Binder	None Detected
3-A B49223	Exterior Caulk	Homogeneous Gray Non-fibrous Tightly Bound		100% Caulk	None Detected
3-B B49224	Exterior Caulk	Homogeneous Black Non-fibrous Tightly Bound		100% Caulk	None Detected

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
3-C B49225	Exterior Caulk	Homogeneous Gray Non-fibrous Tightly Bound	2%	Fiberglass	918%	Caulk	None Detected
3-D B49226	Exterior Caulk	Homogeneous Gray Non-fibrous Tightly Bound	2%	Fiberglass	98%	Caulk	None Detected
3-E B49227	Exterior Caulk	Homogeneous Light Brown Non-fibrous Tightly Bound	<1%	Fiberglass	100%	Caulk	None Detected
3-F B49228	Exterior Caulk	Homogeneous Tan Non-fibrous Tightly Bound	<1%	Synthetic Fiber	100%	Caulk	None Detected
3-G B49229	Exterior Caulk	Homogeneous Gray Non-fibrous Tightly Bound			100%	Caulk	None Detected
3-H B49230	Exterior Caulk	Homogeneous Gray Non-fibrous Tightly Bound			100%	Caulk	None Detected
4-A Layer 1 B49231	Ceramic Tile	Homogeneous Tan Non-fibrous Tightly Bound			85% 15%	Silicates Binder	None Detected

ASBESTOS BULK ANALYSIS

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Client: Brownfield Environmental Engineering Resources, LLC
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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
Layer 2 B49231	Grout	Homogeneous Gray Non-fibrous Tightly Bound		60% Silicates 40% Binder	None Detected
4-B B49232A	Ceramic Tile	Homogeneous Tan Non-fibrous Tightly Bound		85% Silicates 15% Binder	None Detected
Layer 1 B49232B	Grout	Homogeneous Gray Non-fibrous Tightly Bound		60% Silicates 40% Binder	None Detected
Layer 2 B49232B	Mastic	Homogeneous Yellow Non-fibrous Tightly Bound		100% Mastic	None Detected
Layer 3 B49232B	Mastic	Homogeneous Black Non-fibrous Tightly Bound		97% Mastic	3% Chrysotile
4-C B49233A	Ceramic Tile	Homogeneous Tan Non-fibrous Tightly Bound		85% Silicates 15% Binder	None Detected
B49233B	Sample Not Analyzed per COC				
5-A Layer 1 B49234	Ceramic Base	Homogeneous Tan Non-fibrous Tightly Bound		85% Silicates 15% Binder	None Detected

ASBESTOS BULK ANALYSIS

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Client: Brownfield Environmental Engineering Resources, LLC
635 Third Street
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Project: Limited Asbestos Survey & Sampling Analysis, 042-014

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %
			Fibrous	Non-Fibrous		
Layer 2 B49234	Grout	Homogeneous Dark Gray Non-fibrous Tightly Bound		60% 40%	Silicates Binder	None Detected
5-B Layer 1 B49235	Ceramic Base	Homogeneous Tan Non-fibrous Tightly Bound		85% 15%	Silicates Binder	None Detected
Layer 2 B49235	Grout	Homogeneous Dark Gray Non-fibrous Tightly Bound		60% 40%	Silicates Binder	None Detected
5-C Layer 1 B49236	Ceramic Base	Homogeneous Tan Non-fibrous Tightly Bound		85% 15%	Silicates Binder	None Detected
Layer 2 B49236	Grout	Homogeneous Dark Gray Non-fibrous Tightly Bound		60% 40%	Silicates Binder	None Detected
6-A B49237	Drywall/Joint Compound	Heterogeneous Off-white, Tan Fibrous Loosely Bound	15%	Cellulose 10% 75%	Calc Carb Gypsum	None Detected
6-B B49238	Drywall/Joint Compound	Heterogeneous Off-white, Tan Fibrous Loosely Bound	15%	Cellulose 10% 75%	Calc Carb Gypsum	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Brownfield Environmental Engineering Resources, LLC
635 Third Street
Beloit, WI 53511

Lab Code: B213279
Date Received: 03-24-21
Date Analyzed: 04-03-21
Date Reported: 04-05-21

Project: Limited Asbestos Survey & Sampling Analysis, 042-014

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
6-C B49239	Drywall/Joint Compound	Heterogeneous Off-white, Tan Fibrous Loosely Bound	15%	Cellulose	10%	Calc Carb Gypsum	<1% Chrysotile
7-A B49239	Ceiling Tile	Heterogeneous Off-white Fibrous Loosely Bound	60%	Cellulose	5%	Paint	None Detected
			15%	Fiberglass	20%	Binder	
7-B B49240	Ceiling Tile	Heterogeneous Off-white Fibrous Loosely Bound	10%	Cellulose	10%	Vinyl Gypsum	None Detected
					80%		
7-C B49241	Ceiling Tile	Heterogeneous Off-white Fibrous Loosely Bound	10%	Cellulose	10%	Vinyl Gypsum	None Detected
					80%		
8-A Layer 1 B49243	Mastic	Homogeneous Black Non-fibrous Tightly Bound			97%	Mastic	3% Chrysotile
Layer 2 B49243	Leveling Compound	Homogeneous Gray Non-fibrous Bound			<1%	Mastic	<1% Chrysotile
					25%	Silicates	
					75%	Binder	
Lab Notes: Analyst Opinion - Likely contamination from positive black mastic							
Layer 3 B49243	Mastic	Homogeneous Yellow Non-fibrous Tightly Bound			100%	Mastic	None Detected
8-B B49244	Sample Not Analyzed per COC						

ASBESTOS BULK ANALYSIS

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Client: Brownfield Environmental Engineering Resources, LLC
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Beloit, WI 53511

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Date Analyzed: 04-03-21
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Project: Limited Asbestos Survey & Sampling Analysis, 042-014

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
8-C B49245	Sample Not Analyzed per COC				
9-A Layer 1 B49246	Ceramic Tile	Homogeneous Tan Non-fibrous Tightly Bound	85% 15%	Silicates Binder	None Detected
Layer 2 B49246	Grout	Homogeneous Gray Non-fibrous Tightly Bound	60% 40%	Silicates Binder	None Detected
9-B Layer 1 B49247	Ceramic Tile	Homogeneous Tan Non-fibrous Tightly Bound	85% 15%	Silicates Binder	None Detected
Layer 2 B49247	Grout	Homogeneous Gray Non-fibrous Tightly Bound	60% 40%	Silicates Binder	None Detected
9-C Layer 1 B49248	Ceramic Tile	Homogeneous Tan Non-fibrous Tightly Bound	85% 15%	Silicates Binder	None Detected
Layer 2 B49248	Grout	Homogeneous Gray Non-fibrous Tightly Bound	60% 40%	Silicates Binder	None Detected
10-A B49249	Mastic	Homogeneous Yellow Non-fibrous Tightly Bound	100%	Mastic	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Brownfield Environmental Engineering Resources, LLC
635 Third Street
Beloit, WI 53511

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Date Reported: 04-05-21

Project: Limited Asbestos Survey & Sampling Analysis, 042-014

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
10-B B49250	Mastic	Homogeneous Yellow Non-fibrous Tightly Bound		100% Mastic	None Detected
10-C B49251	Mastic	Homogeneous Yellow Non-fibrous Tightly Bound		100% Mastic	None Detected
11-A Layer 1 B49252	Ceramic Tile	Homogeneous Off-white Non-fibrous Tightly Bound	85% 15%	Silicates Binder	None Detected
Layer 2 B49252	Grout	Homogeneous Gray Non-fibrous Tightly Bound	60% 40%	Silicates Binder	None Detected
11-B Layer 1 B49253	Ceramic Tile	Homogeneous Off-white Non-fibrous Tightly Bound	85% 15%	Silicates Binder	None Detected
Layer 2 B49253	Grout	Homogeneous Gray Non-fibrous Tightly Bound	60% 40%	Silicates Binder	None Detected
11-C Layer 1 B49254	Ceramic Tile	Homogeneous Off-white Non-fibrous Tightly Bound	85% 15%	Silicates Binder	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Brownfield Environmental Engineering Resources, LLC
635 Third Street
Beloit, WI 53511

Lab Code: B213279
Date Received: 03-24-21
Date Analyzed: 04-03-21
Date Reported: 04-05-21

Project: Limited Asbestos Survey & Sampling Analysis, 042-014

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
Layer 2 B49254	Grout	Homogeneous Gray Non-fibrous Tightly Bound			60% 40%	Silicates Binder	None Detected
12-A B49255	Interior Caulk	Homogeneous Dark Brown Non-fibrous Tightly Bound			100%	Caulk	None Detected
12-B B49256	Interior Caulk	Homogeneous Off-white Non-fibrous Tightly Bound			100%	Caulk	None Detected
12-C B49257	Interior Caulk	Homogeneous Clear Non-fibrous Tightly Bound			100%	Caulk	None Detected
13-A B49258	Laminate Flooring	Homogeneous Faux-wood Fibrous Bound	90%	Cellulose	10%	Binder	None Detected
13-B B49259	Laminate Flooring	Homogeneous Faux-wood Fibrous Bound	90%	Cellulose	10%	Binder	None Detected
13-C B49260	Laminate Flooring	Homogeneous Faux-wood Fibrous Bound	90%	Cellulose	10%	Binder	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Brownfield Environmental Engineering Resources, LLC
635 Third Street
Beloit, WI 53511

Lab Code: B213279
Date Received: 03-24-21
Date Analyzed: 04-03-21
Date Reported: 04-05-21

Project: Limited Asbestos Survey & Sampling Analysis, 042-014

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
14-A B49261	Ceiling Tile	Heterogeneous	60%	Cellulose	5%	Paint	None Detected
		Off-white	15%	Fiberglass	20%	Binder	
		Fibrous					
		Loosely Bound					
14-B B49262	Ceiling Tile	Heterogeneous	60%	Cellulose	5%	Paint	None Detected
		Off-white	15%	Fiberglass	20%	Binder	
		Fibrous					
		Loosely Bound					
14-C B49263	Ceiling Tile	Heterogeneous	60%	Cellulose	5%	Paint	None Detected
		Off-white	15%	Fiberglass	20%	Binder	
		Fibrous					
		Loosely Bound					
15-A B49264A	Floor Tile	Homogeneous			100%	Vinyl	None Detected
		Off-white,Tan					
Lab Notes: Sample appears to be vinyl floor tile, no grout present							
B49264B	Mastic	Homogeneous			100%	Vinyl	None Detected
		Clear					
		Non-fibrous					
B49264C	Floor Tile	Homogeneous			100%	Vinyl	None Detected
		Gray,Blue					
		Non-fibrous					
15-B B49265A	Floor Tile	Homogeneous			100%	Vinyl	None Detected
		Off-white,Tan					
Lab Notes: Sample appears to be vinyl floor tile, no grout present							

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Brownfield Environmental Engineering Resources, LLC
 635 Third Street
 Beloit, WI 53511

Lab Code: B213279
Date Received: 03-24-21
Date Analyzed: 04-03-21
Date Reported: 04-05-21

Project: Limited Asbestos Survey & Sampling Analysis, 042-014

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
B49265B	Mastic	Homogeneous Clear Non-fibrous Bound		100% Vinyl	None Detected
B49265C	Floor Tile	Homogeneous Gray,Blue Non-fibrous Bound		100% Vinyl	None Detected
15-C B49266A	Floor Tile	Homogeneous Off-white,Tan Non-fibrous Bound		100% Vinyl	None Detected
Lab Notes: Sample appears to be vinyl floor tile, no grout present					
B49266B	Mastic	Homogeneous Clear Non-fibrous Bound		100% Vinyl	None Detected
B49266C	Floor Tile	Homogeneous Gray,Blue Non-fibrous Bound		100% Vinyl	None Detected
B49266D	Floor Tile	Homogeneous Off-white Non-fibrous Bound		100% Vinyl	None Detected
B49266E	Mastic	Homogeneous Black Non-fibrous Bound		97% Mastic	3% Chrysotile

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Brownfield Environmental Engineering Resources, LLC
635 Third Street
Beloit, WI 53511

Lab Code: B213279
Date Received: 03-24-21
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Project: Limited Asbestos Survey & Sampling Analysis, 042-014

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
16-A B49267A	Floor Tile	Homogeneous Off-white Non-fibrous Bound			100%	Vinyl	None Detected
B49267B	Mastic	Homogeneous Yellow Non-fibrous Bound			100%	Vinyl	None Detected
16-B B49268A	Floor Tile	Homogeneous Off-white Non-fibrous Bound			100%	Vinyl	None Detected
B49268B	Mastic	Homogeneous Yellow Non-fibrous Bound			100%	Vinyl	None Detected
16-C B49269A	Floor Tile	Homogeneous Off-white Non-fibrous Bound			100%	Vinyl	None Detected
B49269B	Mastic	Homogeneous Yellow Non-fibrous Bound			100%	Vinyl	None Detected
17-A B49270	Ceiling Tile	Heterogeneous Off-white Fibrous Loosely Bound	60%	Cellulose	5%	Paint	None Detected
			15%	Fiberglass	20%	Binder	

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
17-B B49271	Ceiling Tile	Heterogeneous	60%	Cellulose	5%	Paint	None Detected
		Off-white	15%	Fiberglass	20%	Binder	
		Fibrous					
		Loosely Bound					
17-C B49272	Ceiling Tile	Heterogeneous	60%	Cellulose	5%	Paint	None Detected
		Off-white	15%	Fiberglass	20%	Binder	
		Fibrous					
		Loosely Bound					
18-A B49273	Carpet Mastic	Homogeneous			100%	Mastic	None Detected
		Yellow Non-fibrous Bound					
18-B B49274	Carpet Mastic	Homogeneous			100%	Mastic	None Detected
		Yellow Non-fibrous Bound					
18-C B49275	Carpet Mastic	Homogeneous			100%	Mastic	None Detected
		Yellow Non-fibrous Bound					
19-A B49276	Leveling Compound	Homogeneous			100%	Binder	None Detected
		Gray Non-fibrous Bound					
		Lab Notes: No mastic present					
20-A B49277	Block	Homogeneous			40%	Binder	None Detected
		Gray			60%	Silicates	
		Non-fibrous					
		Bound					
Lab Notes: No mortar present							

ASBESTOS BULK ANALYSIS

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Client: Brownfield Environmental Engineering Resources, LLC
635 Third Street
Beloit, WI 53511

Lab Code: B213279
Date Received: 03-24-21
Date Analyzed: 04-03-21
Date Reported: 04-05-21

Project: Limited Asbestos Survey & Sampling Analysis, 042-014

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
20-B B49278	Block	Homogeneous			40%	Binder	None Detected
		Gray,White		60%	Silicates		
		Non-fibrous		<1%	Paint		
		Bound					
Lab Notes: No mortar present							
20-C B49279	Block	Homogeneous			40%	Binder	None Detected
		Gray,White		60%	Silicates		
		Non-fibrous		<1%	Paint		
		Bound					
Lab Notes: No mortar present							
21-A Layer 1 B49280	Roofing	Heterogeneous	5%	Cellulose	45%	Tar	None Detected
		Black	15%	Synthetic Fiber	25%	Binder	
		Fibrous	10%	Fiberglass			
		Bound					
Layer 2 B49280	Roofing	Heterogeneous	85%	Cellulose	15%	Binder	None Detected
		Brown					
		Fibrous					
		Loosely Bound					
21-B Layer 1 B49281	Roofing	Heterogeneous	5%	Cellulose	65%	Tar	None Detected
		Black	30%	Synthetic Fiber			
		Fibrous					
		Bound					
Layer 2 B49281	Roofing	Homogeneous	30%	Fiberglass	60%	Tar	None Detected
		Black			10%	Silicates	
		Fibrous					
		Bound					
21-C Layer 1 B49282	Silver Paint	Homogeneous			75%	Paint	None Detected
		Silver			25%	Tar	
		Non-fibrous					
		Bound					

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Brownfield Environmental Engineering Resources, LLC
635 Third Street
Beloit, WI 53511

Lab Code: B213279
Date Received: 03-24-21
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Project: Limited Asbestos Survey & Sampling Analysis, 042-014

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
Layer 2 B49282	Roofing	Heterogeneous Black Fibrous Bound	5% 30%	Cellulose Synthetic Fiber	65%	Tar	None Detected
Layer 3 B49282	Roofing	Homogeneous Black Fibrous Bound	30%	Fiberglass	60% 10%	Tar Silicates	None Detected
Layer 4 B49282	Roofing	Homogeneous Brown Fibrous Loosely Bound	100%	Cellulose			None Detected
22-A B49283	Shingle	Heterogeneous Brown,Black Fibrous Bound	45%	Cellulose	35% 20%	Tar Gravel	None Detected
23-A B49284	Fryvit Siding	Heterogeneous Tan,White Fibrous Bound	10%	Fiberglass	<1% 25% 65%	Paint Binder Foam	None Detected
24-A B49285	Block Mortar	Homogeneous Gray,White Non-fibrous Bound			70% 30%	Silicates Binder	None Detected
25-A Layer 1 B49286	Brick	Homogeneous Red,Gray Non-fibrous Tightly Bound			80% 20% <1%	Silicates Binder Paint	None Detected

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
Layer 2 B49286	Mortar	Homogeneous Gray Non-fibrous Tightly Bound		75% Silicates 25% Binder	None Detected
25-B Layer 1 B49287	Brick	Homogeneous Red,Gray Non-fibrous Tightly Bound		80% Silicates 20% Binder <1% Paint	None Detected
Layer 2 B49287	Mortar	Homogeneous Gray Non-fibrous Tightly Bound		75% Silicates 25% Binder	None Detected
25-C Layer 1 B49288	Brick	Homogeneous Red,Gray Non-fibrous Tightly Bound		80% Silicates 20% Binder <1% Paint	None Detected
Layer 2 B49288	Mortar	Homogeneous Gray Non-fibrous Tightly Bound		75% Silicates 25% Binder	None Detected
26-A B49289A	Ceramic Tile	Homogeneous Tan Non-fibrous Tightly Bound		85% Silicates 15% Binder	None Detected
Layer 1 B49289B	Grout	Homogeneous Gray Non-fibrous Tightly Bound		60% Silicates 40% Binder	None Detected

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
Layer 2 B49289B	Mastic	Homogeneous Black Non-fibrous Tightly Bound		100% Mastic	None Detected
26-B B49290A	Ceramic Tile	Homogeneous Tan Non-fibrous Tightly Bound	85% 15%	Silicates Binder	None Detected
Layer 1 B49290B	Grout	Homogeneous Gray Non-fibrous Tightly Bound	60% 40%	Silicates Binder	None Detected
Layer 2 B49290B	Mastic	Homogeneous Black Non-fibrous Tightly Bound		100% Mastic	None Detected
26-C B49291A	Ceramic Tile	Homogeneous Tan Non-fibrous Tightly Bound	85% 15%	Silicates Binder	None Detected
Layer 1 B49291B	Grout	Homogeneous Gray Non-fibrous Tightly Bound	60% 40%	Silicates Binder	None Detected
Layer 2 B49291B	Mastic	Homogeneous Black Non-fibrous Tightly Bound		100% Mastic	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous			Non-Fibrous	
27-A B49292A	Floor Tile	Homogeneous White,Blue Non-fibrous Tightly Bound			100%	Vinyl	None Detected
Layer 1 B49292B	Leveling Compound	Homogeneous Gray Non-fibrous Bound	5%	Cellulose	65%	Binder Silicates Calc Carb	None Detected
Layer 2 B49292B	Mastic	Heterogeneous Yellow,Black Non-fibrous Bound			100%	Mastic	None Detected
Lab Notes: Unable to separate layers							
27-B B49293A	Floor Tile	Homogeneous White,Blue Non-fibrous Tightly Bound			100%	Vinyl	None Detected
Layer 1 B49293B	Leveling Compound	Homogeneous Gray Non-fibrous Bound	5%	Cellulose	65%	Binder Silicates Calc Carb	None Detected
Layer 2 B49293B	Mastic	Heterogeneous Yellow,Black Non-fibrous Bound			100%	Mastic	None Detected
Lab Notes: Unable to separate layers							
27-C B49294A	Floor Tile	Homogeneous White,Blue Non-fibrous Tightly Bound			100%	Vinyl	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
Layer 1 B49294B	Leveling Compound	Homogeneous Gray Non-fibrous Bound	5%	Cellulose	65% 20% 10%	Binder Silicates Calc Carb	None Detected
Layer 2 B49294B	Mastic	Heterogeneous Yellow,Black Non-fibrous Bound			100%	Mastic	None Detected
Lab Notes: Unable to separate layers							
28-A B49295	Covebase Mastic	Homogeneous Tan Non-fibrous Tightly Bound			100%	Mastic	None Detected
28-B B49296	Covebase Mastic	Homogeneous Tan Non-fibrous Tightly Bound			100%	Mastic	None Detected
28-C B49297	Covebase Mastic	Homogeneous Tan Non-fibrous Tightly Bound			100%	Mastic	None Detected
29-A B49298	Drywall/Joint Compound	Heterogeneous Off-white,Tan Fibrous Loosely Bound	15%	Cellulose	10% 75%	Calc Carb Gypsum	None Detected
29-B B49299	Drywall/Joint Compound	Heterogeneous Off-white,Tan Fibrous Loosely Bound	15%	Cellulose	10% 75%	Calc Carb Gypsum	None Detected

ASBESTOS BULK ANALYSIS

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635 Third Street
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Date Reported: 04-05-21

Project: Limited Asbestos Survey & Sampling Analysis, 042-014

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS
			Fibrous		Non-Fibrous		%
29-C B49300	Drywall/Joint Compound	Heterogeneous Off-white,Tan Fibrous Loosely Bound	15%	Cellulose	10%	Calc Carb Gypsum	None Detected
30-A B49301	Ceiling Tile	Heterogeneous Off-white Fibrous Loosely Bound	60% 15%	Cellulose Fiberglass	5% 20%	Paint Binder	None Detected
30-B B49302	Ceiling Tile	Heterogeneous Off-white Fibrous Loosely Bound	60% 15%	Cellulose Fiberglass	5% 20%	Paint Binder	None Detected
30-C B49303	Ceiling Tile	Heterogeneous Off-white Fibrous Loosely Bound	60% 15%	Cellulose Fiberglass	5% 20%	Paint Binder	None Detected

LEGEND: Non-Anth = Non-Asbestiform Anthophyllite
 Non-Trem = Non-Asbestiform Tremolite
 Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORTING LIMIT: <1% by visual estimation

REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

REGULATORY LIMIT: >1% by weight

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*

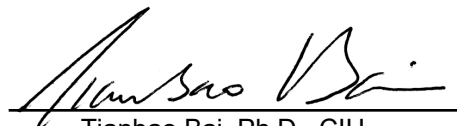
This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.

ANALYST:


 Danielle Carrier

APPROVED BY:


 Tianbao Bai, Ph.D., CIH
 Laboratory Director



CEI

730 SE Maynard Road, Cary, NC 27511

Tel: 866-481-1412; Fax: 919-481-1442

CHAIN OF CUSTODY

LAB USE ONLY:

CEI Lab Code: B213279

CEI Lab I.D. Range: 1349217-1349303

(87)

COMPANY INFORMATION		PROJECT INFORMATION	
CEI CLIENT #: 28252		Job Contact: Josh Kunde	
Company: Brownfield Environmental Engineering Resources		Email / Tel: josh@brownfieldusa.com/608-856-5434	
Address: 645 Third Street, Suite 250, Beloit WI 53511		Project Name: Limited Asbestos Survey & Sampling Analysis	
		Project ID#: 042-014	
Email: josh@brownfieldusa.com		PO #:	
Tel: 608-856-5434	Fax:	STATE SAMPLES COLLECTED IN: IL	

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	1 DAY	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM BULK	CARB 435	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR (PCME)	ISO 10312	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ASTM 6281-15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-05 (2010)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-09 (2014)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM SOIL	ASTM D7521-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM VERMICULITE	CINCINNATI METHOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALITATIVE	IN-HOUSE METHOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REMARKS / SPECIAL INSTRUCTIONS:



Accept Samples

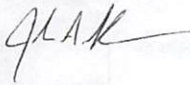


Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
Colin R. Cameron	3/23/2021 - 14:48	J.C	03/24 10:10

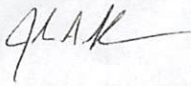
Samples will be disposed of 30 days after analysis



Project Name	Limited Asbestos Survey Sampling & Analysis	Project No.:	042-014
Project Location:	4625 & 4609 – 4617 Old Grand Ave., Gurnee, IL		
Inspector:	Joshua Kunde; IDPH License No. 100-20003		
Signature:		Date:	3/23/2021

Sample ID#	Sample Location	Description	Color
1 - A,B,C	Exterior 4609-4617	Concrete Block & Mortar	Grey
2 - A,B,C	Exterior 4609-4617	Brick & Mortar	Red/Tan
3 - A,B,C,D,E,F,G,H	Exterior 4609-4617	Exterior Caulk	Multi
4 - A,B,C	4611 – T/O	18" x 18" Ceramic Floor & Grout	Tan/Black
5 - A,B,C	4611 – T/O	4" Ceramic Base	Tan/Black
6 - A,B,C	4609 - 4617	Drywall \$ Joint Compound	White
7 - A,B,C	4611 – T/O	2' x 4' Lay-In Ceiling Tile	White
8 - A,B,C	4611 – Utility Closet	Mastic & Leveling Compound	Black/White
9 - A,B,C	4611 – Behind Counter	Ceramic Flooring, Base & Grout	Tan/Black
10 - A,B,C	4611 – Behind Counter	Wallboard Mastic	Yellow
11 - A,B,C	4611 – Near Desk	12" x 12" Floor Tile	White
12 - A,B,C	4611 – Back Room	Interior Caulk	Multi
13 - A,B,C	4609 - Interior	Laminate Flooring	Wood
14 - A,B,C	4609 - Interior	2' x 4' Lay-In Ceiling Tile	White
15 - A,B,C	4609 - Restrooms	12" x 12" Ceramic Floor & Grout	Tan
16 - A, B,C	4617 - Interior	12" x 12" Floor Tile & Mastic	Off-White/Yellow
17 - A,B,C	4617 - Interior	2' x 4' Lay-In Ceiling Tile	White
18 - A,B,C	4617 - Interior	Carpet Mastic	Yellow
19 - A	4617 - interior	Leveling Compound & Mastic	White/Black
20 - A,B,C	4617 - Interior	Block & Mortar	Grey
21 - A,B,C	4609, 4611, 4617, 4625	Roofing Material	Black
22 - A	4609 – 4617 Exterior	Shingles	



Project Name	Limited Asbestos Survey Sampling & Analysis	Project No.:	042-014
Project Location:	4625 & 4609 – 4617 Old Grand Ave., Gurnee, IL		
Inspector:	Joshua Kunde; IDPH License No. 100-20003		
Signature:		Date:	3/23/2021

23 - A	4625 - Exterior	Dryvit Siding	Tan/White
24 - A	4625 - Exterior	Glass Block Mortar	Grey
25 - A,B,C	4625 - Exterior	Brick & Mortar	Grey/White
26 - A,B,C	4625 Foyer	12" x 12" Ceramic Flooring & Grout	Tan/Grey
27 - A,B,C	4625 – T/O	12" x 12" Floor Tile, Mastic, & Leveling Compound	White w/ Blue Speckles/Black/Yellow
28 - A,B,C	4625 – T/O	Cove Base Mastic	Grey
29 - A,B,C	4625 – T/O	Drywall & Joint Compound	White
30 - A,B,C	4625 – T/O	2' x 4' Lay-In Ceiling Tile	White



525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • www.dph.illinois.gov

JOSHUA A KUNDE
237 COLONY DR
DAVENPORT, IA 52806

3/16/2021


ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 20003

Enclosed is your Asbestos Professional License. Please note the expiration date on the card and in the image depicted below.

COPY OF THE ASBESTOS PROFESSIONAL LICENSE



Front of License

Back of License

 ASBESTOS PROFESSIONAL LICENSE			ENDORSEMENTS	TC EXPIRES
ID NUMBER 100 - 20003	ISSUED 3/16/2021	EXPIRES 05/15/2022	INSPECTOR	5/28/2021
JOSHUA A KUNDE 237 COLONY DR DAVENPORT, IA 52806 Environmental Health			PROJECT MANAGER AIR SAMPLING PROFESSIONAL	5/27/2021
			Alteration of this license shall result in legal action This license issued under authority of the State of Illinois Department of Public Health This license is valid only when accompanied by a valid training course certificate.	

If you have any questions or need further assistance, contact the Asb (217)785-5897.

Our WEB address is: dph.illinois.gov/topics-services/environmental
EMAIL Address: dph.asbestos@illinois.gov

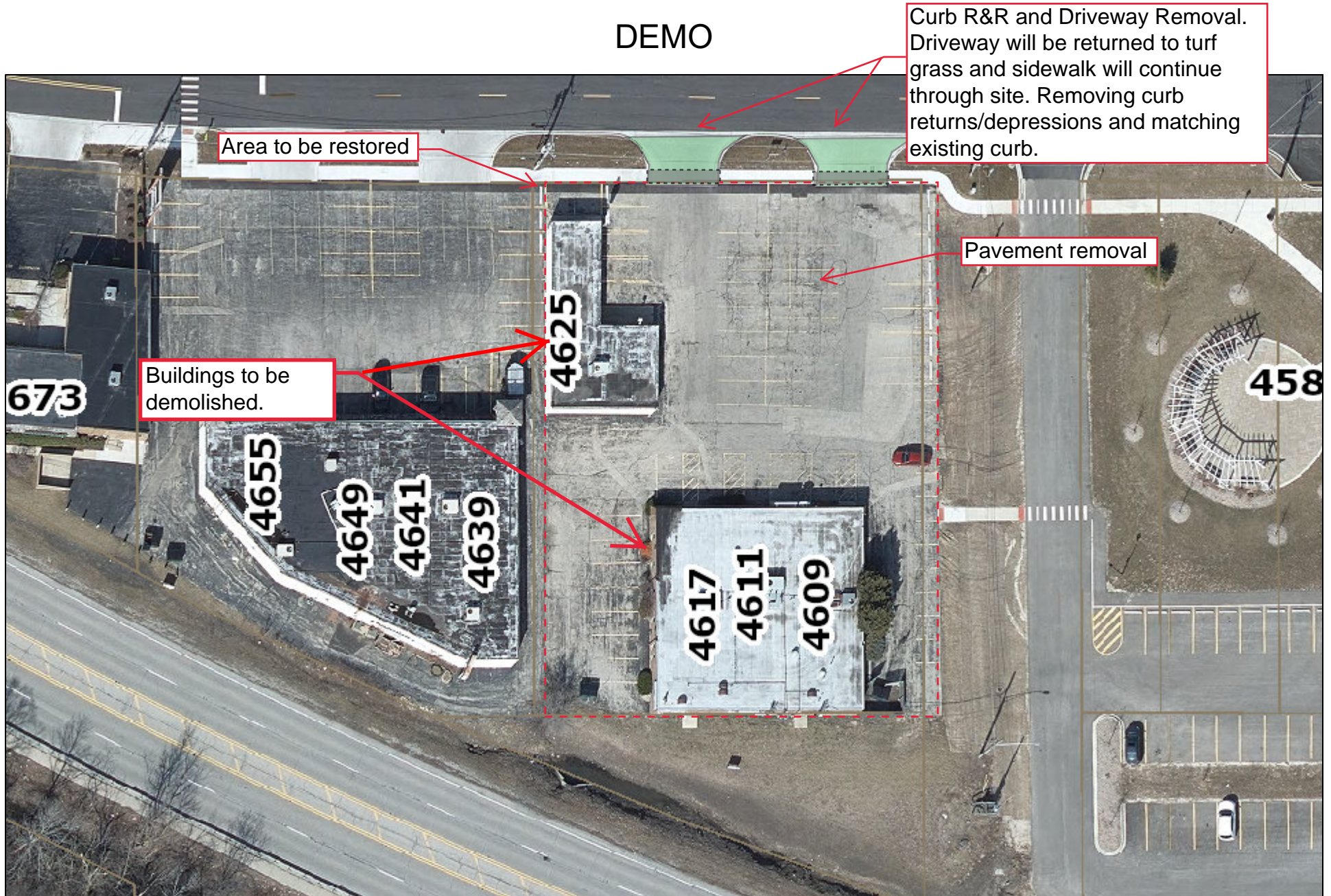
 ASBESTOS PROFESSIONAL LICENSE		
ID NUMBER 100 - 20003	ISSUED 3/16/2021	EXPIRES 05/15/2022
JOSHUA A KUNDE 237 COLONY DR DAVENPORT, IA 52806 Environmental Health		
		

PROTECTING HEALTH, IMPROVING LIVES

Nationally Accredited by PHAB

Appendix B

DEMO



Curb R&R and Driveway Removal. Driveway will be returned to turf grass and sidewalk will continue through site. Removing curb returns/depressions and matching existing curb.

Pavement removal

Buildings to be demolished.

Area to be restored

Parcel Lines

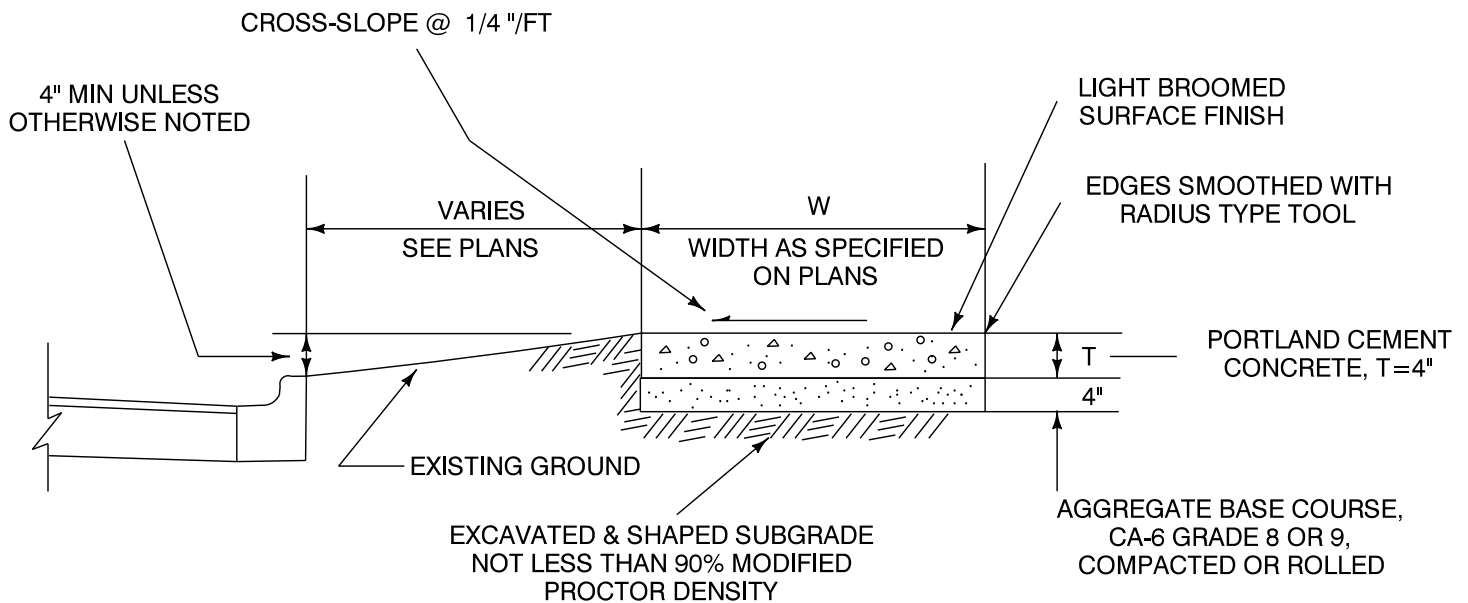
Trails

Trails

NOTE: Final restoration must match existing elevation/grade.



Appendix C



GENERAL NOTES:

- At locations where sidewalk is subjected to wheel traffic and/or constructed across access drive entrances, the P.C.C. Sidewalk Section shall be thickened to 6" across the width of the driveway.
- Placing, finishing and curing of P.C.C. Sidewalk shall meet the requirements of Sections 424 & 1020 of the Standard Specifications for Road and Bridge Construction. Use Class SI IDOT approved mix design approved by the Engineer.
- Slab or panel contraction (control) joints shall be as follows:
 - For 4' Sidewalk width = 5' O.C. Joint Spacing
 - 5' Sidewalk width = 5' O.C. Joint Spacing
 - 6' Sidewalk width = 6' O.C. Joint Spacing
 - 8' Sidewalk width = 8' O.C. Joint Spacing
- Transverse expansion joints shall consist of preformed joint filler of thickness as follows:
 - 1/2" between sidewalk and structures, standards, poles
 - 3/4" at sidewalk intervals of not more than 50 feet & abutting concrete curbing or pavement.
- If excavation or undercutting of subgrade has been made deeper than necessary, the base shall be brought to proper grade by the addition of well compacted bedding material without any extra compensation due the Contractor.

TYPICAL SECTION - P.C.C. SIDEWALK

Issued by: DLZ 10/11/00		
By	Revised	Date
SD		1-4-06
MJ		6-23-14

VILLAGE OF GURNEE
ENGINEERING DIVISION

Approved by:	
SD	1/4/06
SD	6/23/14

END OF BID DOCUMENTS