



Boone County Purchasing
613 E. Ash Street, Room 110
Columbia, MO 65201

REQUEST FOR BID (RFB)

Melinda Bobbitt, CPPO, CPPB
Director of Purchasing
(573) 886-4391 – Fax: (573) 886-4390
Email: mbobbitt@boonecountymo.org

Bid Data

Bid Number:	37-01OCT20
Commodity Title:	Mold Remediation Project in the Boone County Assessor's Office

DIRECT ANY BID FORMAT OR SUBMISSION QUESTIONS TO PURCHASING DEPT.

Bid Submission Address and Deadline

Day/Date:	Thursday, October 1, 2020
Time:	1:00 p.m. (Bids received after this time will be returned unopened)
Location/Mail Address:	Boone County Purchasing Department Boone County Annex Building 613 E. Ash, Room 110 Columbia, MO 65201
Directions:	Annex Building is located at corner of 7 th & Ash St.

E-mailed Bid Responses will be accepted. See below:

The County is allowing submission of bids via e-mail during the COVID-19 pandemic. The bidder is allowed to submit their complete authorized bid by sending it by the indicated bid submission due date and time to:

Melinda Bobbitt, Director of Purchasing
mbobbitt@boonecountymo.org

The bidder should provide identification that authenticates the legitimacy of the bid with the e-mail submission such as using company letterhead, logos, or other detail.

The bidder is cautioned that the e-mail system is not considered secured and the bidder so assumes all risk associated with submission of their bid using the e-mail system – the County assumes no responsibility for any errors, omissions or other miscommunication the bidder may allege as a result of submitting their bid to the County via e-mail.

Bid Opening

Day/Date: Thursday, October 1, 2020
Time: Shortly after Bid Submission Deadline stated above

Bid Tabulation - available on-line following bid opening:
<https://www.showmeboone.com/purchasing/bids/>

Bid Contents

1.0: Introduction and General Conditions of Bidding
2.0: Primary Specifications
3.0: Response Presentation and Review
4.0: Response Form
Attachments: Statement of Bidder's Qualifications
Standard Terms and Conditions
Instructions for House Bill 1549 / Work Authorization
Certification / Individual Bidder Affidavit
Debarment Form
Affidavit of Compliance with OSHA
"No Bid" Response Form
Wellington Environmental Report

1. Introduction and General Conditions of Bidding

1.1. INVITATION – The County of Boone, through its Purchasing Department, invites responses, which offer to provide the goods and/or services identified on the title page, and described in greater detail in Section 2.

1.2. DEFINITIONS

County – This term refers to the County of Boone, a duly organized public entity. It may also be used as a pronoun for various subsets of the County organization, including, as the context will indicate:

Purchasing – The Purchasing Department, including its Purchasing Director and staff.

Department/s or Office/s – The County Department/s or Office/s for which this Bid is prepared, and which will be the end user/s of the goods and/or services sought.

Designee – The County employee/s assigned as your primary contact/s for interaction regarding Contract performance.

Bidder / Contractor / Supplier – These terms refer generally to businesses having some sort of relations to or with us. The term may apply differently to different classes of entities, as the context will indicate.

Bidder – Any business entity submitting a response to this Bid. Suppliers, which may be invited to respond, or which express interest in this bid, but which do not submit a response, have no obligations with respect to the bid requirements.

Contractor – The Bidder whose response to this bid is found by Purchasing to meet the best interests of the County. The Contractor will be selected for award and will enter into a Contract for provision of the goods and/or services described in the Bid.

Supplier – All business/entities which may provide the subject goods and/or services.

Bid – This entire document, including attachments. A Bid may be used to solicit various kinds of information. The kind of information this Bid seeks is indicated by the title appearing at the top of the first page. A “Request for Bid” is used when the need is well defined. A “Request for Proposal” is used when the County will consider solutions, which may vary significantly from each other or from the County’s initial expectations.

Response – The written, sealed document submitted according to the Bid instructions.

1.3. BID CLARIFICATION – Questions regarding this Bid should be directed in writing, preferably by e-mail, to the Purchasing Department. Answers, citing the question asked but not identifying the questioner, will be distributed simultaneously to all known prospective Bidders. Note: written requirements in the Bid or its Addenda are binding, but any oral communications between County and Bidder are not.

1.4. Bidder Responsibility – The Bidder is expected to be thoroughly familiar with all specifications and requirements of this Bid. Bidder’s failure or omission to examine any relevant form, article, site or document will not relieve them from any obligation regarding this Bid. By submitting a Response, Bidder is presumed to concur with all terms, conditions and specifications of this Bid.

1.5. Bid Addendum – If it becomes evident that this Bid must be amended, the Purchasing Department will issue a formal written Addendum to all known prospective Bidders. If necessary, a new due date will be established.

1.6. AWARD – Award will be made to the Bidder/s whose offer/s provide the greatest value to the County from the standpoint of suitability to purpose, quality, service, previous experience, price, lifecycle cost, ability to deliver, or for any other reason deemed by Purchasing to be in the best interest of the County. Thus, the result will not be determined by price alone. The County will be seeking the least costly outcome that meets the County needs as interpreted by the County.

1.10. CONTRACT EXECUTION – This Bid and the Contractor’s Response will be made part of any resultant Contract and will be incorporated in the Contract as set forth, verbatim.

Precedence – In the event of contradictions or conflicts between the provisions of the documents comprising this Contract, they will be resolved by giving precedence in the following order:

- 1) the provisions of the Contract (as it may be amended).
- 2) the provisions of the Bid.
- 3) the provisions of the Bidder's Response.

1.11. COMPLIANCE WITH STANDARD TERMS AND CONDITIONS – Bidder agrees to be bound by the County's standard "boilerplate" terms and conditions for Contracts, a sample of which is attached to this Bid.

1. Primary Specifications

ITEMS TO BE PROVIDED

1.0 GENERAL:

1.01 **Background:** The Boone County Facilities Maintenance Department worked with Wellington Environmental to obtain a study to confirm the presence of mold in the carpeting and south wall of the Boone County Assessor’s office, Boone County Government Center, 801 E. Walnut Street, Columbia, Missouri.

Boone County has addressed and solved water intrusions from the outside. There have been no water intrusions since 2009. Regrading and exterior waterproofing was completed in September 2020 to ensure the office is watertight.

1.02 Boone County is seeking a contractor to perform the work protocol outlined by Wellington Environmental for this mold remediation project. Wellington Environmental’s report is attached, and the Vendor is expected to contact Wellington Environmental to obtain any additional needed information to complete their quote.

1.03 The Contractor shall furnish all labor, tools, technical and professional resources to complete the work to abate any and all mold found.

1.04 The County will coordinate with our contracted furniture vendor Inside the Lines to disassemble and reassemble the workstations prior to and after completion of the project.

1.05 Our Facilities Maintenance Department will also coordinate the removal of any pc’s and peripheral equipment with County Information Technology Department.

1.06 County expects a close working relationship with Contractor. County’s representative will be available on-site to assist with site access and to address other needs and concerns.

1.07 Examination of Work Site:

Bidders shall satisfy themselves by personal examination of the location of the proposed work and by such other means as they choose as to verify the actual conditions and requirements of the work and accuracy of the estimates. Bidders shall inform themselves of the conditions relating to the construction and labor under which the work shall be performed. Failure to do so shall not relieve the bidder of its obligation to furnish all materials and labor necessary to carry out the provisions of the contract and to complete the contemplated work for the consideration set forth in this solicitation.

At the time of the opening of the bids, each bidder shall be presumed to have inspected the sites and to have read and to be thoroughly familiar with the RFP and all appendices and addenda. The failure or omission of any bidder to receive or examine any form, instrument or document shall in no way relieve the bidder from any obligation in respect to its bid.

To arrange an inspection of this site, please contact Melinda Bobbitt at (573) 886-4391 or email: mbobbitt@boonecountymo.org.

1.08 The contractor will be responsible for obtaining any and all required permits. The County will reimburse for the cost of any and all required permits.

1.09 Prevailing Wage: This project is non-prevailing wage due to being less than \$75,000.

1.10 Subcontracting:

The bidder shall not assign or subcontract this agreement, its obligations or rights hereunder to any party, company, partnership, incorporation or person without the prior written specific consent of Boone County. Boone County may terminate the subsequent contract if assignment or subcontracting is done without approval.

1.11 Please note that time is of the essence in this project. We are seeking a quick start and completion date.

2. ADDITIONAL TERMS AND CONDITIONS

2.01. Debarment and Suspension: By submission of its Bid Response, Vendor agrees to comply with the provisions of Executive Order 12549, regarding Debarment and Suspension. Specifically, the Vendor certifies that neither he/she nor their principals are 1.) presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by a Federal department or agency, 2) have not within a three year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain or performing a public transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property; 3.) are not presently indicted for or otherwise criminally or civilly charged by a government entity with commission of any of the offenses stated above and 4.) have not within a three year period preceding this bid had one or more public transactions terminated for cause or default.

2.02. Certification of Non-Resident/Foreign Contractors: If the Contractor is a foreign corporation or nonresident Contractor, it is agreed that the Contractor shall procure and maintain during the life of this contract:

- A. A certificate of authority to transact business in the State of Missouri from the Secretary of State, unless exempt pursuant to the provisions of Section 351.572 RSMo.
- B. A certificate from the Missouri Director of Revenue evidencing compliance with transient employer financial assurance law, unless exempt pursuant to the provisions of Section 285.230 RSMo.

2.03 Insurance Requirements - The Contractor shall not commence work under this contract until they have obtained all insurance required under this paragraph and the Certificate of Insurance has been approved by the County, nor shall the Contractor allow any subcontractor to commence work on their subcontract until all similar insurance required of subcontractor has been so obtained and approved. All policies shall be in amounts, form and companies satisfactory to the County which must carry an A-6 or better rating as listed in the A.M. Best or equivalent rating guide. Insurance limits indicated below may be lowered at the discretion of the County.

- A. **Employers Liability and Workers Compensation Insurance** - The Contractor shall take out and maintain during the life of this contract, **Employers Liability and Workers Compensation**

Insurance for all of its employees employed at the site of work, and in case any work is sublet, the Contractor shall require the subcontractor similarly to provide Workers Compensation Insurance for all of the latter's employees unless such employees are covered by the protection afforded by the Contractor. Workers Compensation coverage shall meet Missouri statutory limits. Employers Liability limits shall be \$500,000.00 each employee, \$500,000.00 each accident, and \$500,000.00 policy limit. In case any class of employees engaged in hazardous work under this Contract at the site of the work is not protected under the Workers Compensation Statute, the Contractor shall provide and shall cause each subcontractor to provide Employers Liability Insurance for the protection of their employees not otherwise protected.

- B. Commercial General Liability Insurance** - The Contractor shall take out and maintain during the life of this contract, such commercial general liability insurance as shall protect it and any subcontractor 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 themselves or for any subcontractor or by anyone directly or indirectly employed by them. The amounts of insurance shall be not less than \$3,000,000.00 combined single limit for any one occurrence covering both bodily injury and property damage, including accidental death. If the Contract involves any underground/digging operations, the general liability certificate shall include X, C, and U (Explosion, Collapse, and Underground) coverage. If providing Commercial General Liability Insurance, then the Proof of Coverage of Insurance shall also be included.
- C.** Contractor may satisfy the minimum liability limits required for Commercial General Liability or Business Auto Liability under an Umbrella or Excess Liability policy. There is no minimum per occurrence limit of liability under the umbrella or Excess Liability; however, the Annual Aggregate limit shall not be less than the highest "Each Occurrence" limit for either Commercial General Liability or Business Auto Liability. Contractor agrees to endorse the County as an Additional Insured on the umbrella or Excess Liability, unless the Certificate of Insurance state the Umbrella or Excess Liability provides coverage on a "Follow-Form" basis.
- D. Business Automobile Liability** – The Contractor shall maintain during the life of this contract, automobile liability insurance in the amount of not less than \$3,000,000.00 combined single limit for any one occurrence, covering both bodily injury, including accidental death, and property damage, to protect themselves from any and all claims arising from the use of the Contractor's own automobiles, teams and trucks; hired automobiles, teams and trucks; non-owned and both on and off the site of work.
- E. Subcontractors:** Contractor shall cause each Subcontractor to purchase and maintain insurance of the types and amounts specified herein. Limits of such coverage may be reduced only upon written agreement of County. Contractor shall provide to County copies of certificates of insurance evidencing coverage for each Subcontractor. Subcontractors' commercial general liability and business automobile liability insurance shall name County as Additional Insured and have the Waiver of Subrogation endorsements added.
- F. Proof of Carriage of Insurance** - The Contractor shall furnish the County with Certificate(s) of Insurance which name the County as additional insured in an amount as required in this contract, contain a description of the project or work to be performed and provided for Commercial General Liability, Business Auto Liability, and Umbrella or Excess Liability (not on Workers Compensation). The Certificate of Insurance shall provide that there will be no cancellation, non-renewal or reduction of coverage without 30 days prior written notice to the Owner. In addition,

such insurance shall be on an occurrence basis and shall remain in effect until such time as the County has made final acceptance of the services provided.

- G. INDEMNITY AGREEMENT:** To the fullest extent permitted by law, Contractor shall indemnify, hold harmless and defend the County, its directors, officers, agents, and employees from and against all claims, damages, losses and expenses (including but not limited to attorney's fees) arising by reason of any act or failure to act, negligent or otherwise, of Contractor, of any subcontractor (meaning anyone, including but not limited to consultants having a contract with contractor or a subcontract for part of the services), of anyone directly or indirectly employed by contractor or by any subcontractor, or of anyone for whose acts the contractor or its subcontractor may be liable, in connection with providing these services. This provision does not, however, require contractor to indemnify, hold harmless, or defend the County of Boone from its own negligence.
- H.** Failure to maintain the required insurance in force may be cause for contract termination. In the event the Agency/Service fails to maintain and keep in force the required insurance or to obtain coverage from its subcontractors, the County shall have the right to cancel and terminate the contract without notice.

2.04 Sales/Use Tax Exemption: County will provide the Contractor with a completed Missouri Project Exemption and Missouri Tax Exemption letter for Boone County, Missouri and the Contractor shall be responsible for furnishing the exemption certificate and tax exemption letter to all authorized subcontractors and suppliers providing materials incorporated in the work. All invoices issued for purchases for such materials, supplies and taxable rentals shall be in the name of Boone County and contain the project number assigned by Boone County for the contract awarded. It shall be the responsibility of the Contractor to ensure that no sales or use taxes are included in the invoices and that the County pays no sales/use taxes from which it is exempt. The Contractor shall be responsible for obtaining revised exemption certificates and revised expiration dates if the work extends beyond the estimated project completion date or a certificate expiration date. The Contractor shall also be responsible for retaining a copy of the project exemption certificate for a period of five years and for compliance with all other terms and conditions of section 144.062 RSMo. Not otherwise herein specified. The Contractor agrees not to use or permit others to use the project exemption certificate for taxable purchases of materials or rentals and supplies not directly incorporated into or used in the work to which it applies and agrees to indemnify and hold the County harmless from all losses, expenses and costs including litigation expenses and attorney fees resulting from the unauthorized use of such project exemption certificates.

2.05 Warranty & Guarantee - Contractor warrants and guarantees to Owner that all work will be in accordance with the Contract Documents and will not be defective. All materials provided by the Contractor shall be new material of high quality which shall give long life and reliable operation. The workmanship shall be of high quality in every detail. Prompt notice of all defects shall be given to Contractor. All defective work, whether or not in place, may be rejected, corrected, or accepted as follows:

Correction or Removal of Defective Work- If required by Owner, Contractor shall promptly, as directed, either correct all defective Work, whether or not fabricated, installed or completed, or if the Work has been rejected by County Department Designee, remove it from the site and replace it with non-defective Work. Contractor shall bear all direct, indirect, and consequential costs of such correction or removal (including but not limited to fees and charges of engineers, architects, attorneys, and other professionals made necessary thereby).

One Year Correction Period- If within one year after the date of Substantial Completion or such longer period of time as may be prescribed by Laws or Regulations or by the terms of any applicable special guarantee required by the Contract Documents or by any specific provision

of the Contract Documents, any Work is found to be defective, Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions, either correct such defective Work, or if it has been rejected by Owner, remove it from the site and replace it with non-defective Work. If Contractor does not promptly comply with the terms of such instructions or in an emergency where delay would cause serious risk of loss or damage, Owner may have the defective Work removed and replaced and all direct, indirect, and consequential costs of removal and replacement (including but not limited to fees and charges of engineers, architects, attorneys, and other professionals) will be paid by the Contractor. In special circumstances where a particular item of equipment is placed in continuous service before Substantial Completion of all the Work, the correction period for that item may start to run from an earlier date if so provided in the Specifications or by Written Amendment.

2.06 EXTRA AND/OR ADDITIONAL WORK AND CHANGES: If any extra and/or additional work is to be done or any change in the specifications is deemed necessary, the County Purchasing Department may issue to the Contractor a written change order directing that such extra and/or additional work be done or that such change be made, and the Contract shall be modified accordingly. Compensation to the Contractor will be calculated as an addition to or deduction from the Contract price, based upon such written terms as may be established by the owner, either (a) by an acceptable lump sum proposal of the Contractor, (b) on a cost-plus limited basis not to exceed a specified limit, or (c) on basis of bid or mutually agreed upon unit prices. In the event that none of the foregoing methods are agreed upon with the Contractor, the County may perform the work with its own forces or under separate contract with another contractor.

2.07 DISCHARGE OF EMPLOYEES: Any employee of the Contractor who is stationed at the site of the work and should prove to be quarrelsome, dishonest, incompetent or inexperienced, or should not work for the good of the job shall, upon written notice from the County, be removed by the Contractor and replaced by an employee with proper qualifications.

2.08 ACCIDENT PREVENTION: Precaution shall be exercised at all times for the protection of persons (including employees) and property. The safety provisions of applicable laws, building and construction codes shall be observed. Machinery, equipment, and all hazards shall be guarded or eliminated in accordance with the safety provisions of the Manual of Accident Prevention in Construction, 8th Edition, 1999, published by the Associated General Contractors of America, to the extent that such provisions are not in contravention of applicable laws. Current standards of the Occupational Safety and Health Act shall be applied, as well as the requirements contained within the current MUTCD.

2.09 LEGAL REQUIREMENTS: The Contractor shall do all work in such manner as to comply with all County ordinances, and laws of the County, State, and Nation as apply to the work herein outlined. The Contractor shall also obtain all necessary licenses and permits and keep necessary records as required.

2.10 EQUAL OPPORTUNITY: The County of Boone is an equal opportunity affirmative action employer, pursuant to federal and state law, and all respondents submitting bids shall be considered to be EEO/AA employers in compliance with federal and state laws, unless otherwise stipulated by the bidders herein.

The Contractor agrees that he will comply with all federal and state laws and regulations and local ordinances and that he will comply and cause each of his subcontractors, and directives pertaining to nondiscrimination against any person on the grounds of race, color, religion, creed, sex, age, ancestry, or national origin in connection with this Contract, including procurement of materials and lease of equipment; therefore, in accordance with the special provisions on that subject attached hereto, incorporated in and made a part of the Contract.

2.11 DOMESTIC PURCHASING POLICY: Contractors are encouraged to select and use materials manufactured, assembled, or produced in the United States in the performance of this contract whenever the quality and price are comparable with other goods. By submission of this bid, the vendor certifies that they are in compliance with section 34.353 and, if applicable, section 34.359 (“Missouri Domestic Products Procurement Act”) of the Revised Statutes of Missouri, 1987.

2.12 TRANSIENT EMPLOYERS: Every transient employer, as defined in Section 285.230 RSMo, must post in a prominent and easily accessible place at the work site a clearly legible copy of the following: (1) the notice of registration for employer withholding issued to such transient employer by the director of revenue; (2) proof of coverage for workers' compensation insurance or self-insurance signed by the transient employer and verified by the department of revenue through the records of the division of workers' compensation; and (3) the notice of registration for unemployment insurance issued to such transient employer by the division of employment security. Any transient employer failing to comply with these requirements shall, under Section 285.234 RSMo, be liable for a penalty of five hundred dollars per day until the notices required by this section are posted as required by law.

2.13 PROTECTION OF WORK: The Contractor shall take all necessary steps to protect his own workers, the utility personnel, and the public from unnecessary danger or hazard during the prosecution of this work. Danger signs, warning signs, flares, lanterns, railings, barriers, sheeting, shoring, etc, shall be erected to prevent accidents from construction, falling objects, rotating machinery, electric lines and other conditions which might prevent unusual hazard.

2.14 OVERHEAD LINE PROTECTION: The Contractor is aware of the provisions of the Overhead Power Line Safety Act, 319.075 to 319.090 RSMo, and agrees to comply with the provisions thereof. Contractor understands that it is their duty to notify any utility operating high voltage overhead lines and make appropriate arrangements with said utility if the performance of contract would cause any activity within ten feet of any high voltage overhead line. To the fullest extent permitted by law, Contractor shall indemnify, hold harmless and defend the County, its directors, officers, agents, and employees from and against all claims, damages, losses and expenses (including but not limited to attorney’s fees) arising by reason of any act or failure to act, negligent or otherwise, of Contractor, of any subcontractor (meaning anyone, including but not limited to consultants having a contract with contractor or a subcontract for part of the services), of anyone directly or indirectly employed by contractor or by any subcontractor, or of anyone for whose acts the contractor or its subcontractor may be liable, in connection with any claims arising under the Overhead Power Line Safety Act. Contractor expressly waives any action for Contribution against the County on behalf of the Contractor, any subcontractor (meaning anyone, including but not limited to consultants having a contract with contractor or a subcontract for part of the services), anyone directly or indirectly employed by contractor or by any subcontractor, or of anyone for whose acts the contractor or its subcontractor may be liable, and agrees to provide a copy of this waiver to any party affected by this provision.

2.15 OSHA PROGRAM REQUIREMENTS: The Contractor is familiar with the requirements of 292.675 RSMo. The Contractor shall provide a ten-hour Occupational Safety and Health Administration (OSHA) construction safety program for their on-site employees, subcontractors, or others acting on behalf of Contractor on-site which meets the requirements of 292.675 RSMo.

The Contractor and each subcontractor shall keep accurate records of those employees who are working on-site and a record of each such employee’s completion of the OSHA program and certify compliance by affidavit at the conclusion of the project.

The Contractor shall forfeit as a penalty to the County the sum of Two Thousand Five Hundred Dollars (\$2,500.00) plus One Hundred Dollars (\$100.00) for each employee employed by the Contractor or

subcontractor, for each calendar day, or portion thereof, such employee is found to be employed in violation of 292.675 RSMo. Said amounts shall be withheld from all sums and amounts due under this provision when making payments to the Contractor.

2.16 PAYMENT: Contractor must submit an invoice and charges must only include prices listed in the vendor's bid response. No additional fees or taxes shall be included as additional charges. The County's purchase order must appear on the invoice. The County agrees to pay the invoice within thirty (30) days from receipt of a correct invoice and all other required documents.

2.17 INVOICES: Invoices should be submitted to Boone County Facilities Maintenance, 613 E. Ash Street, Columbia, MO 65201 for payment 30 days after receipt of a correct and valid invoice.

2.18 Bid Clarification: Any questions or clarifications concerning bid documents should be addressed in writing, PRIOR TO BID OPENING, to Melinda Bobbitt, Director of Purchasing, 613 E. Ash Street, Room 110, Columbia, Missouri 65201. Phone: (573) 886-4391 Fax: (573) 886-4390 or Email: mbobbitt@boonecountymmo.org.

3. Response Presentation and Review

- 3.1 RESPONSE CONTENT** – In order to enable direct comparison of competing Responses, Bidder must submit Response in strict conformity to the requirements stated herein. Failure to adhere to all requirements may result in Bidder’s Response being disqualified as non-responsive. All Responses must be submitted using the provided Response Sheet. Every question must be answered and if not applicable, the section must contain “N/A”. Manufacturer’s published specifications for the items requested shall be included with the response.
- 3.2 SUBMITTAL OF RESPONSES** – Responses **MUST** be received by the date and time notes on the title page under “Bid Submission Information and Deadline”. **NO EXCEPTIONS**. The County is not responsible for late or incorrect deliveries from the US Postal Service or any other mail carrier.
- 3.3 Advice of Award** – If you wish to be advised of the outcome of this Bid, the results may be viewed on the County’s web page at www.showmeboone.com.
- 3.4 BID OPENING** – On the date and time and at the location specified on the title page, all Responses will be opened in public. Brief summary information from each will be read aloud, and any person present will be allowed, under supervision, to scan any Response. In the event only one bid is received by the date and time of the bid opening, County reserves the right to not open the bid and extend the Closing Date for the purpose of inviting bid responses from more vendors in the interest of establishing competition. **Due to COVID-19, it is recommended the vendor not attend the Bid Opening and rather view the Bid Tabulation on our web site at www.showmeboone.com/Purchasing/Current Bids**
- 3.5 Removal from Vendor Database** – **If any prospective Bidder** currently in our Vendor Database to whom the Bid was sent elects not to submit a Response and fails to reply in writing stating reason for not bidding, that Bidder’s name may be removed from our database. Other reasons for removal include unwillingness or inability to show financial responsibility, reported poor performance, unsatisfactory service, or repeated inability to meet delivery requirements.
- 3.6 RESPONSE CLARIFICATION** – The County reserves the right to request additional written or oral information from Bidders in order to obtain clarification of their Responses.
- 3.7 Rejection or Correction of Responses** – The County reserves the right to reject any or all Responses. Minor irregularities or informalities in any Response which are immaterial or inconsequential in nature and are neither affected by law nor at substantial variance with Bid conditions, may be waived at our discretion whenever it is determined to be in the County’s best interest.
- 3.8 EVALUATION PROCESS** – The County’s sole purpose in the evaluation process is to determine from among the Responses received which one is best suited to meet the County’s needs at the lowest possible cost. Any final analysis or weighted point score does not imply that one Bidder is superior to another, but simply that in our judgment the Contract selected appears to offer the best overall solution for our current and anticipated needs at the lowest possible cost.
- 3.9 Method of Evaluation** – The County will evaluate submitted Responses in relation to all aspects of this Bid.
- 3.10 Acceptability** – The County reserves the sole right to determine whether goods and/or services offered are acceptable for County use.
- 3.11 Endurance of Pricing** – Bidder’s pricing must be held until contract execution or 60 days, whichever comes first.

4. Response Form

Company Name: _____
Address: _____
City/Zip: _____
Phone Number: _____
E-Mail: _____
Fax Number: _____

Federal Tax I.D. _____
() Corporation
() Partnership - Name _____
() Individual/Proprietorship - Individual Name _____
() Other (Specify) _____

4.00 PRICING -

Table with 3 columns: Item ID, Description, and Price. Row 1: 4.1. Normal business hours 7:30 a.m. - 5:00 p.m. Monday through Friday, \$
Row 2: 4.2. Outside normal business hours: nights & weekends, \$
Row 3: 4.3. Outside normal business hours: holiday, \$
Row 4: 4.4. Three (3) day weekend which includes a County holiday such as Columbus Day weekend, \$

4.5. How much time is needed by the Contractor to complete the project?

4.6 Work will begin on project _____ days after receipt of Notice to Proceed.

4.7 Work will be completed _____ days after receipt of Notice to Proceed.

4.8. Would you be available to complete the work from October 9th after 5:00 p.m. through the end of day October 12? (October 12 is Columbus Day, a holiday for the County).
_____ Yes _____ No

4.9. Subcontracting: If Vendor proposes to use subcontractors for this work, list the names of the firms and the work to be assigned in spaces below.

Table with 2 columns: Subcontractor Name/Address, Work Assigned. Two rows of blank lines for entry.

4.10. The undersigned offers to furnish and deliver the articles or services as specified at the prices and terms stated and in strict accordance with all requirements contained in the Request for Bid which have been read and understood, and all of which are made part of this order. By submission of this bid, the vendor certifies that they are in compliance with Section 34.353 and, if applicable, Section 34.359 (Missouri Domestic Products Procurement Act) of the Revised Statutes of Missouri.

Authorized Representative (Sign by Hand):

_____ Date: _____

Print Name and Title of Authorized Representative:

STATEMENT OF BIDDER'S QUALIFICATIONS

Each bidder for the work included in the specifications and plans and the Contract Documents shall submit with their bid the data requested in the following schedule of information. This data must be included in and made a part of each bid document and be contained in the sealed envelope. Failure to comply with this instruction may be regarded as justification for rejecting the Contractor's proposal.

1. Name of Bidder - Legal Business Name: _____
2. Business Address: _____
3. When Organized: _____
4. When Incorporated: _____
5. List federal tax identification number: _____
If not incorporated, state type of business (sole proprietor, partnership, or other) _____
6. Number of years engaged in business under present firm name: _____
7. If you have done business under a different name, please give name and business location under that name: _____
8. Percent of work done by own staff: _____
9. Have you ever failed to complete any work awarded to your company? If so, where and why? _____
10. Have you ever defaulted on a contract? _____ If so, give _____
11. List of contracts completed within the last three years for work similar in scope to that described in this bid, including value of each. _____
12. List of projects currently in progress: _____

*** Attach additional sheets as necessary ***



Boone County Purchasing
613 E. Ash, Room 110
Columbia, MO 65201

Standard Terms and Conditions

Melinda Bobbitt, CPPO, CPPB, Director or Purchasing
Phone: (573) 886-4391 – Fax: (573) 886-4390

1. Contractor shall comply with all applicable federal, state, and local laws and failure to do so, in County's sole discretion, shall give County the right to terminate this Contract.
2. Responses shall include all charges for packing, delivery, installation, etc., (unless otherwise specified) to the Boone County Department identified in the Request for Bid and/or Proposal.
3. The Boone County Commission has the right to accept or reject any part or parts of all bids, to waive technicalities, and to accept the offer the County Commission considers the most advantageous to the County. Boone County reserves the right to award this bid on an item-by-item basis, or an "all or none" basis, whichever is in the best interest of the County.
4. Bidders must use the bid forms provided for the purpose of submitting bids, must return the bid and bid sheets comprised in this bid, give the unit price, extended totals, and sign the bid. The Purchasing Director reserves the right, when only one bid has been received by the bid closing date, to delay the opening of bids to another date and time in order to revise specifications and/or establish further competition for the commodity or service required. The one (1) bid received will be retained unopened until the new Closing date, or at request of bidder, returned unopened for re-submittal at the new date and time of bid closing.
5. When products or materials of any particular producer or manufacturer are mentioned in our specifications, such products or materials are intended to be descriptive of type or quality and not restricted to those mentioned.
6. Do not include Federal Excise Tax or Sales and Use Taxes in bid process, as law exempts the County from them.
7. The delivery date shall be stated in definite terms, as it will be taken into consideration in awarding the bid.
8. The County Commission reserves the right to cancel all or any part of orders if delivery is not made or work is not started as guaranteed. In case of delay, the Contractor must notify the Purchasing Department.
9. In case of default by the Contractor, the County of Boone will procure the articles or services from other sources and hold the Bidder responsible for any excess cost occasioned thereby.
10. Failure to deliver as guaranteed may disqualify Bidder from future bidding.
11. Prices must be as stated in units of quantity specified and must be firm. Bids qualified by escalator clauses may not be considered unless specified in the bid specifications.

12. The County of Boone, Missouri expressly denies responsibility for, or ownership of any item purchased until same is delivered to the County and is accepted by the County.
13. The County reserves the right to award to one or multiple respondents. The County also reserves the right to not award any item or group of items if the services can be obtained from a state or other governmental entities contract under more favorable terms. The resulting contract will be considered "Non-Exclusive". The County reserves the right to purchase from other vendors.
14. The County, from time to time, uses federal grant funds for the procurement of goods and services. Accordingly, the provider of goods and/or services shall comply with federal laws, rules and regulations applicable to the funds used by the County for said procurement, and contract clauses required by the federal government in such circumstances are incorporated herein by reference. These clauses can generally be found in the *Federal Transit Administration's Best Practices Procurement Manual – Appendix A*. Any questions regarding the applicability of federal clauses to a particular bid should be directed to the Purchasing Department prior to bid opening.
15. In the event of a discrepancy between a unit price and an extended line item price, the unit price shall govern.
16. Should an audit of Contractor's invoices during the term of the Agreement, and any renewals thereof, indicate that the County has remitted payment on invoices that constitute an over-charging to the County above the pricing terms agreed to herein, the Contractor shall issue a refund check to the County for any over-charges within 30-days of being notified of the same.
17. For all bid responses over \$25,000, if any manufactured goods or commodities proposed with bid/proposal response are manufactured or produced outside the United States, this MUST be noted on the Bid/Proposal Response Form or a Memo attached.
18. **For all titled vehicles and equipment, the dealer must use the actual delivery date to the County on all transfer documents** including the Certificate of Origin (COO), Manufacturer's Statement of Origin (MSO), Bill of Sale (BOS), and Application for Title.
19. **Equipment and serial and model numbers** - The contractor is strongly encouraged to include equipment serial and model numbers for all amounts invoiced to the County. If equipment serial and model numbers are not provided on the face of the invoice, such information may be required by the County before issuing payment.

INSTRUCTIONS FOR COMPLIANCE WITH HOUSE BILL 1549

House Bill 1549 addresses the Department of Homeland Security's and the Social Security Administration's E-Verify Program (Employment Eligibility Verification Program) that requires the County to verify "lawful presence" of individuals when the County contracts for work/service; verify that contractor has programs to verify lawful presence of their employees when contracts exceed \$5,000; and a requirement for OSHA safety training for public works projects.

The County is required to obtain certification that the bidder awarded the attached contract participates in a federal work authorization program. To obtain additional information on the Department of Homeland Security's E-Verify program, go to:

<https://www.e-verify.gov/>

Please complete and return form *Work Authorization Certification Pursuant to 285.530 RSMo* if your contract amount is in excess of \$5,000. **Attach to this form the first and last page of the *E-Verify Memorandum of Understanding* that you completed when enrolling for proof of enrollment.**

If you are an **Individual/Proprietorship**, then you must return the attached *Certification of Individual Bidder*. On that form, you may do one of the three options listed. Be sure to attach any required information for those options as detailed on the *Certification of Individual Bidder*. If you choose option number two, then you will also need to complete and return the attached form *Affidavit*.

CERTIFICATION OF INDIVIDUAL BIDDER

Pursuant to Section 208.009 RSMo, any person applying for or receiving any grant, contract, loan, retirement, welfare, health benefit, post-secondary education, scholarship, disability benefit, housing benefit or food assistance who is over 18 must verify their lawful presence in the United States. Please indicate compliance below. Note: A parent or guardian applying for a public benefit on behalf of a child who is citizen or permanent resident need not comply.

- _____ 1. I have provided a copy of documents showing citizenship or lawful presence in the United States. (Such proof may be a Missouri driver’s license, U.S. passport, birth certificate, or immigration documents). Note: If the applicant is an alien, verification of lawful presence must occur prior to receiving a public benefit.

- _____ 2. I do not have the above documents but provide an affidavit (copy attached) which may allow for temporary 90 day qualification.

- _____ 3. I have provided a completed application for a birth certificate pending in the State of _____. Qualification shall terminate upon receipt of the birth certificate or determination that a birth certificate does not exist because I am not a United States citizen.

Applicant

Date

Printed Name

AFFIDAVIT
(Only Required for Individual Bidder Certification Option #2)

State of Missouri)
)SS.
County of _____)

I, the undersigned, being at least eighteen years of age, swear upon my oath that I am either a United States citizen or am classified by the United States government as being lawfully admitted for permanent residence.

Date

Signature

Social Security Number
or Other Federal I.D. Number

Printed Name

On the date above written _____ appeared before me and swore that the facts contained in the foregoing affidavit are true according to his/her best knowledge, information and belief.

Notary Public

My Commission Expires:

(Please complete and return with Bid)

Certification Regarding
Debarment, Suspension, Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 29 CFR Part 98 Section 98.510, Participants' responsibilities. The regulations were published as Part VII of the May 26, 1988, Federal Register (pages 19160-19211).

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS FOR CERTIFICATION)

- (1) The prospective recipient of Federal assistance funds certifies, by submission of this proposal, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective recipient of Federal assistance funds is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Name and Title of Authorized Representative

Signature

Date



“No Bid” Response Form

Boone County Purchasing
613 E. Ash, Room 110
Columbia, MO 65201

Melinda Bobbitt, Director of Purchasing
(573) 886-4391 – Fax: (573) 886-4390

“NO BID RESPONSE FORM”

**NOTE: COMPLETE AND RETURN THIS FORM ONLY IF YOU DO NOT WANT TO
SUBMIT A BID**

If you do not wish to respond to this bid request, but would like to remain on the Boone County vendor list for this service/commodity, please remove form and return to the Purchasing Department by mail or fax.

If you would like to FAX this “No Bid” Response Form to our office, the FAX number is (573) 886-4390.

Bid: 37-01OCT20 - Mold Remediation Project in the Boone County Assessor’s Office

Business Name: _____

Address: _____

Telephone: _____

Contact: _____

Date: _____

Reason(s) for not bidding:



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Boone County Missouri

613 Ash Street
Columbia MO 65201
Doug Coley
573-424-1633
dcoley@boonecountymo.org

September 4, 2020

RE: Air Cassette Samples, Tape Lift Sample and Remediation Protocol Limited to Mold, Pollen and Other Particulate

Location: Boone County Assessor's Office
801 East Walnut Street
Columbia MO 65201
Jackie Davidson
573-886-4268
jdavidson@boonecountymo.org

Dear Doug,

Wellington Environmental (WECC) is pleased to submit this testing report for the Eleven air cassette samples taken at Boone County Assessor's Office, 801 East Walnut St, Columbia MO 65201 on August 31st 2020. This report includes the testing results related to the limited fungal inspection, air cassette sampling, tape lift sample that occurred and the fungal remediation protocol.

Executive Summary

Wellington Environmental performed a limited fungal inspection on August 31st 2020 at Boone County Assessor's Office, 801 East Walnut St, Columbia MO 65201. Please note, the assessor's office experienced water intrusion around a window on the east wall of the office area, the date of the event is not known to this inspector. The purpose of the limited fungal inspection and sampling was to investigate air quality of the assessor's office area due to health complaints by employees.

Wellington was retained to perform air cassette sampling for Fungal evaluation and establish a written mold remediation protocol for Boone County Missouri. This report includes recommendations and observations based on information gathered during the inspection. This is a pre-remediation sampling report.

Mold spores are ubiquitous; they are found both indoors and outdoors. Mold can be found almost anywhere in areas visible and non-visible. Common places to find mold includes: behind shower walls, kitchen cabinets, drywall after water damage has occurred in an area, and on many other common



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building components. Mold spores cannot be completely eliminated from indoor environments. Potential problems can arise from mold indoors when high or concentrated levels of spores are present due to conditions that are favorable for mold growth. In ideal conditions mold can complete its growth cycle in 24 to 48 hours.

Evaluation of mold and particulate concentrations is conducted by collecting air samples both inside and outside the occupied space. Samples are analyzed and compared to determine if concentrations of mold and particulate are elevated beyond ambient conditions as established by the baseline sample collected outside of the structure. A baseline sample was taken on the same day as the sample taken inside the structure.

Please note that there are no current EPA standard regulating concentrations and exposure to airborne mold spores. This inspection and sample collection were conducted under currently accepted standards of mold inspection and the analysis of the collected samples will be conducted by an AIHA approved laboratory.

Wellington Environmental does not make any claims or guarantees in determining the source or cause of the moisture problem. This report may indicate evidence of water damage and/or potential or possible causes of the moisture problem.

Summary Sampling

Fungal air samples

Sampling for Mold and Particulate was performed using Zefon Air-O-Cell® cassettes drawn from a metered pump at 15 liters a minute for 5 minutes for a total of 75 liters of air for each cassette. The samples were sent to an independent testing laboratory for analysis.

Surface Tape Lift Sampling

Sampling for Mold and Particulate was performed using a Zefon Bio-Tape Slide. The samples were sent to an independent testing laboratory for analysis.

Sampling Locations

Air Sampling Locations taken August 31st 2020.

Sample Number 47545-1 was taken in the Assessor's Office Area

Sample Number 47545-2 was taken outside

Tape Lift Sample Location taken August 31st 2020.

Sample Number 47545-3 tape lift take from the back side of the drywall.



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Observations

A visual inspection was conducted in the Assessor's office area on August 31st 2020, the outdoor conditions were overcast, rainy and cool.

There is a history of water intrusion around the window(s) on the east wall of the office area, no visual evidence of water intrusion under or around the window was evident. No active water intrusion was noted in this inspection.

The carpet squares along the east window wall had been loosened and manipulated prior to this inspection. The carpet squares were in loosely in place but not tight to the floor. This could have adversely affected the air cassette sample(s) taken.

While on site, a member of the maintenance department removed cove base and accessed the drywall under the window. Once the wall was opened up, visible fungal growth was noted on the back of the cove base, face of the drywall and the back side of the drywall. Solid foam insulation and steel studs were revealed once the drywall was removed. Minimal rust was noted on the steel studs, but no visible fungal growth was noted on the foam or the studs. This was done after air cassette sample(s) were taken.

Results and Recommendations

The air sample results of the **Assessor's Office area** came back as moderate with slightly elevated spore types. The **inside** level of Aspergillus/Penicillium was slightly elevated, but notably lower than the outside sample. Aspergillus/Penicillium can cause a variety of allergenic reactions, most symptoms occur in immunocompromised individuals.

Basidiospores, Cladosporium and Smuts/Myxomycetes are all at acceptable levels when compared to the much higher levels of the same spores outside. Cladosporium is the most commonly identified outdoor fungus and but can be allergenic in nature.

Bipolaris/Drechslera, Curvularia, Epicoccum, Pestalotia, Pithomyces and Rusts were all detected and minimal to low level. These types of spores are associated with plant materials and plant pathogens. Although these spores were not detected in the outside samples, the minimal levels detected inside are within acceptable levels. Especially considering, the weather condition outside was cool and raining. At elevated levels, these spore type can be allergenic.

Stachybotrys was detected in the air sample taken in the office area. This species is associated with water damage and decaying materials that have been wet for extended periods of time, or consistently over time. Stachybotrys is rarely found outside and no spores were detected on the outside sample.



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Stachybotrys is usually difficult to detect on an indoor air samples because it is a sticky and thick. Physical disturbance can cause it to aerosolize. Stachybotrys is known to be highly allergenic in nature in elevated concentrations. The presence of Stachybotrys in the air cassette sample can likely be contributed to the manipulation of the carpet squares prior to this inspection.

Based on the visual findings, air cassette and tape lift sample results, professional remediation is recommended in the Assessor's Office area. Please see the recommended remediation protocol contained in this document.

Once remediation is complete, post testing is recommended to confirm the remediation process was successful prior to doing any reconstruction. Wellington is happy to provide the post testing at an additional fee.

The use of a dehumidification is highly recommended, this will reduce the relative humidity limiting the possibility of future fungal issues.

Please know that this mold inspector has an understanding of common health effects caused by mold but cannot, and will not provide any medical advice. Please contact your healthcare professional for any and all medical concerns

Thank you for the opportunity, please call if you have any questions concerning this proposal. You can reach me at 314-575-4119 or by email at: dblough@environmentalcare.com.

Respectfully,

David Blough, CMI
Environmental Solutions Manager
Wellington Environmental
314-575-4119
dblough@environmentalcare.com



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Protocol for Mold Remediation at Boone County Assessor's Office, 801 East Walnut St, Columbia MO 65201

- 1.) The East wall of the Assessor's office should be contained with 6 mil poly to prevent cross contamination, enclosing the work area includes isolating the vents, returns, and entry.
- 2.) High Efficiency Particulate Air (HEPA) negative air machines should be used to capture mold spores in the contained area and outside the contained area as remediation is in process.
- 3.) All contractor employees should be trained in mold remediation, and be wearing PPE, personal protective equipment, while working on this project. We recommend following the S520 guidelines for mold remediation.
- 4.) Carpet squares along the east wall in the contained area should be inspected for visible growth on the front and back of the carpet. If growth is noted, removal of the affected carpet is recommended. If no visible growth is noted, it is OK to HEPA vacuumed and attempt to clean carpet in the office area using hot water and truck mount extraction. Removal is recommended.
- 5.) Cove base in the office area should be removed to inspected for fungal growth. If fungal growth is present, should be removed 2' past visible growth. Disposal of affected materials is recommended.
- 6.) Drywall along the east wall in the contained area of the office area should be removed 2' past any visible growth. All debris should be bagged, sealed and discarded.
- 7.) The solid foam insulation should be removed and the back side of the exterior wall should be inspected for visible growth. If growth is noted, remove insulation 2' past visible growth. If growth is noted on the exterior wall behind the insulation the affected area should be HEPA vacuumed, cleaned and sanitized with an EPA approved disinfectant, then sealed with an EPA approved encapsulant designed to inhibit future microbial growth. Any exposed studs in the remediated areas should be HEPA vacuumed, cleaned and sanitized with an EPA approved disinfectant, then sealed with an EPA approved encapsulant designed to inhibit future microbial growth. Coat with mold resistant paint as needed. All debris should be bagged, sealed and discarded.
- 8.) Remaining structure inside of containment in the office area should be HEPA vacuumed, cleaned, and sanitized with an EPA approved disinfectant. This includes but not limited to; walls, floors and ceiling.
- 9.) The carpet outside of the containment in the office area should be HEPA vacuumed and attempt to clean carpet in the office area using hot water and truck mount extraction.
- 10.) The structure and horizontal surfaces outside of the containment in the office area should be HEPA vacuumed, cleaned, and sanitized with an EPA approved disinfectant. This includes but not limited to; walls, floors, doors, trim, windows and workstations.
- 11.) Professional cleaning of the HVAC system and ductwork is recommended once remediation is complete.
- 12.) An air sampling should be taken after remediation is complete, to ensure safe air quality has been maintained. Containment should remain in place until post sampling results have been received and analyzed.
- 13.) After Remediation, High Efficiency Particulate Air (HEPA) negative air machines should run for 24 to 48 Hours before post sampling is conducted.



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Personal Property

Personal property should be addressed and removed from the east wall of the Assessor's office area prior to any remediation of the structure begins.

Soft good, textiles and upholstery may not be salvageable. Hard surface items such as metals, plastics, glass, & ceramics should be cleanable.

Electronics should be taken to professional electronic cleaning restoration contractor for proper maintenance and cleaning for mold.



Name: Wellington Environmental
Address: 607 Hanley Industrial Court
 St Louis, MO 63144
Phone: 314-644-4930

Project Number: 47545
P.O. Number: 14481
Project Name: Boone County
Collected Date: 8/31/2020
Received Date: 9/1/2020 11:15:00 AM

SanAir ID Number
20048933
FINAL REPORT
 9/2/2020 12:05:21 PM

Analyst: Goodwin, Aaron

Air Cassette Analysis

ND = None Detected. Blank spaces indicate no spores detected.

SanAir ID Number	20048933-001			20048933-002		
Analysis Using STL	105C			105C		
Sample Number	47545-1			47545-2		
Sample Identification	Office Area			Outside		
Sample Type	Air Cassette - Air-O-Cell			Air Cassette - Air-O-Cell		
Volume	75 Liters			75 Liters		
Analytical Sensitivity	13 Count/M ³			13 Count/M ³		
Background Density	3			1+		
Other	Raw Count	Count/M ³	%	Raw Count	Count/M ³	%
Dander	930	12400	n/a	4	53	n/a
Fibers	17	227	n/a	1	13	n/a
Mycelial Fragments	2	27	n/a			
Fungal Identification	Raw Count	Count/M ³	%	Raw Count	Count/M ³	%
Ascospores				324	4320	45
Aspergillus/Penicillium	46	613	64	178	2373	25
Basidiospores	3	40	4	16	213	2
Bipolaris/Drechslera	1	13	1			
Cladosporium species	3	40	4	195	2600	27
Curvularia species	5	67	7			
Epicoccum species	1	13	1			
Pestalotia- / Pestalotiopsis-like	1	13	1			
Pithomyces species	1	13	1			
Rusts	2	27	3			
Smuts/Myxomycetes	1	13	1	12	160	2
Stachybotrys species	8	107	11			
TOTAL	72	960		725	9667	

Signature:

Date: 9/2/2020

Reviewed:

Date: 9/2/2020



SanAir ID Number
20048933
FINAL REPORT
9/2/2020 12:05:21 PM

Name: Wellington Environmental
Address: 607 Hanley Industrial Court
St Louis, MO 63144
Phone: 314-644-4930

Project Number: 47545
P.O. Number: 14481
Project Name: Boone County
Collected Date: 8/31/2020
Received Date: 9/1/2020 11:15:00 AM

Analyst: Goodwin, Aaron

Direct Identification Analysis

SanAir ID: 20048933-003 Sample #:47545-3 Back Of Drywall

D1 - Direct Identification Analysis on Bio-Tape using STL 104

Direct ID of Mold

Fungi	Estimated Amount
Stachybotrys species	Heavy

Estimated Amount	Indication of Growth	Evidence of Mycelial Fragments Conidiophores
Rate	Not Likely	None
Light	Possible	Some. 10 to 25% of Tape Covered
Moderate	Probable	Abundant. 25 to 50% of Tape Covered
Heavy	Significant	Throughout. 50 to 100% of Tape Covered

*Refer to additional information page for further details

Signature:

Date: 9/2/2020

Reviewed:

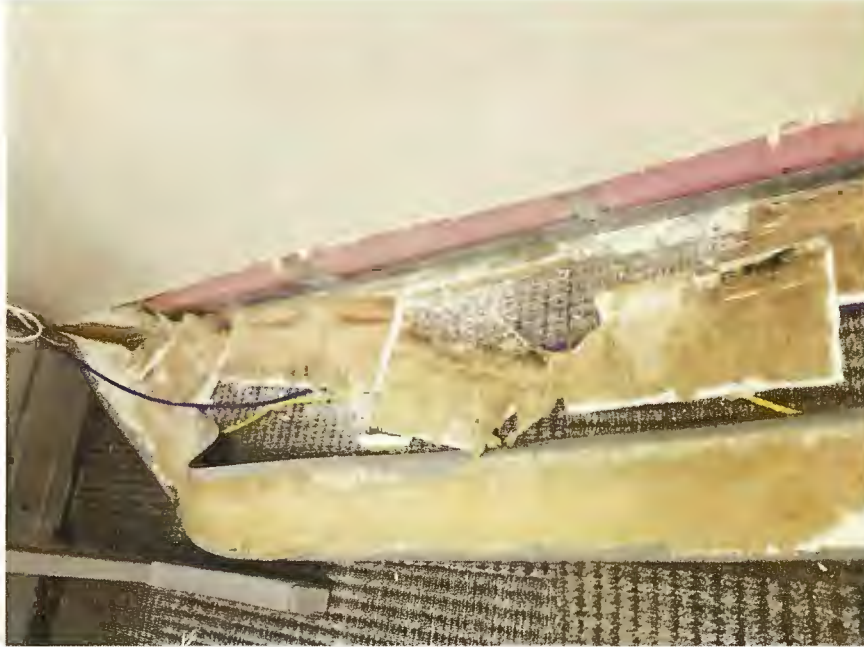
Date: 9/2/2020



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The Identification Specialists

Analysis Report
prepared for
Wellington Environmental

Report Date: 9/2/2020

Project Name: Boone County

Project #: 47545

SanAir ID#: 20048933



1551 Oakbridge Dr. Suite B | Powhatan, Virginia 23139-8061

888.895.1177 | 804.897.1177 | fax: 804.897.0070 | IAQ@SanAir.com | SanAir.com



SanAir ID Number
20048933
FINAL REPORT
9/2/2020 12:05:21 PM

Name: Wellington Environmental
Address: 607 Hanley Industrial Court
St Louis, MO 63144
Phone: 314-644-4930

Project Number: 47545
P.O. Number: 14481
Project Name: Boone County
Collected Date: 8/31/2020
Received Date: 9/1/2020 11:15:00 AM

Dear David Blough,

We at SanAir would like to thank you for the work you recently submitted. The 3 sample(s) were received on Tuesday, September 01, 2020 via FedEx. The final report(s) is enclosed for the following sample(s): 47545-2, 47545-1, 47545-3.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink that reads "L. Claire Macdonald". The signature is written in a cursive, flowing style.

L. Claire Macdonald
Microbiology Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Air Cassette Analysis
- Direct ID Analysis
- Disclaimers and Additional Information

Sample conditions:

- 3 samples in Good condition.



Name: Wellington Environmental
Address: 607 Hanley Industrial Court
 St Louis, MO 63144
Phone: 314-644-4930

Project Number: 47545
P.O. Number: 14481
Project Name: Boone County
Collected Date: 8/31/2020
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SanAir ID Number
20048933
 FINAL REPORT
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Analyst: Goodwin, Aaron

Air Cassette Analysis

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Mycelial Fragments	2	27	n/a			
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Stachybotrys species	8	107	11			
TOTAL	72	960		725	9667	

Signature:

Date: 9/2/2020

Reviewed:

Date: 9/2/2020



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 St Louis, MO 63144
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Project Number: 47545
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SanAir ID Number
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 FINAL REPORT
 9/2/2020 12:05:21 PM

Analyst: Goodwin, Aaron

Air Cassette Analysis - Spores % of Outside Air

SanAir ID : 20048933-1 Sample # : 47545-1 ID : Office Area



- Count/m³ higher than Baseline
- Count/m³ comparable to Baseline
- Within 50% of Baseline Count/m³

- A Aspergillus/Penicillium
- B Stachybotrys species

*The Baseline Level (100%) represents the average baseline sample counts. Counts above the baseline may indicate higher than expected levels of a given result.



SanAir ID Number
20048933
FINAL REPORT
9/2/2020 12:05:21 PM

Name: Wellington Environmental
Address: 607 Hanley Industrial Court
St Louis, MO 63144
Phone: 314-644-4930

Project Number: 47545
P.O. Number: 14481
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Collected Date: 8/31/2020
Received Date: 9/1/2020 11:15:00 AM

Analyst: Goodwin, Aaron

Direct Identification Analysis

SanAir ID: 20048933-003 Sample #:47545-3 Back Of Drywall

D1 - Direct Identification Analysis on Bio-Tape using STL 104

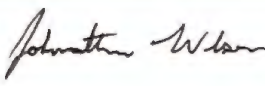
Direct ID of Mold

Fungi	Estimated Amount
Stachybotrys species	Heavy

Estimated Amount	Indication of Growth	Evidence of Mycelial Fragments/Conidiophores
Rare	Not Likely	None
Light	Possible	Some, 10 to 25% of Tape Covered
Moderate	Probable	Abundant, 25 to 50% of Tape Covered
Heavy	Significant	Throughout, 50 to 100% of Tape Covered

*Refer to additional information page for further details

Signature: 
Date: 9/2/2020

Reviewed: 
Date: 9/2/2020



Name: Wellington Environmental
Address: 607 Hanley Industrial Court
St Louis, MO 63144
Phone: 314-644-4930

Project Number: 47545
P.O. Number: 14481
Project Name: Boone County
Collected Date: 8/31/2020
Received Date: 9/1/2020 11:15:00 AM

Organism Descriptions

The descriptions of the organisms presented are derived from various reference materials. The laboratory report is based on the data derived from the samples submitted and no interpretation of the data, as to potential, or actual, health effects resulting from exposure to the numbers of organisms found, can be made by laboratory personnel. Any interpretation of the potential health effects of the presence of this organism must be made by qualified professional personnel with first hand knowledge of the sample site, and the problems associated with that site.

Dander - Comprised of human and/or animal skin cells. Counts may be higher in carpeted rooms and in rooms with more traffic.
Health Effects: May cause allergies.

Fibers - This category can include clothing, carpet, and insulation fibers.

Mycelial Fragments - A mycelium (plural = mycelia) is the "body" of a fungus. It is a collective term for hyphae (singular = hypha), which are the tubular units of the mycelium usually composed of chitin. The terms hyphae and mycelial fragments are used interchangeably. [This information was referenced from the mycology text "The Fifth Kingdom"] In some cases a fungal identification cannot be obtained due to lack of sporulation. Only the mycelial fragments are present, and cannot be identified without the distinguishing characteristics of the spores or the structures they grow from.
Health Effects: Allergic reactions may occur in the presence of spores (conidia) or mycelial/hyphal fragments.

Ascospores - From the fungal Subphylum Ascomycotina. Ascospores are ubiquitous in nature and are commonly found in the outdoor environment. This class contains the "sac fungi" and yeasts. Some ascospores can be identified by spore morphology, however; some care should be exercised with regard to specific identification. They are identified on tape lifts and non-viable analysis by the fact that they have no attachment scars and are sometimes enclosed in sheaths with or without sacs. Ascomycetes may develop both sexual and asexual stages. Rain and high humidity may help asci to release, and disperse ascospores, which is why during these weather conditions there is a great increase in counts.
Health Effects: This group contains possible allergens.

Aspergillus/Penicillium - These spores are easily aerosolized. Only through the visualization of reproductive structures can the genera be distinguished. Also included in this group are the spores of the genera Acremonium, Phialophora, Verticillium, Paecilomyces, etc. Small, round spores of this group lack the necessary distinguishing characteristics when seen on non-viable examination.
Health Effects: Can cause a variety of symptoms including allergic reactions. Most symptoms occur if the individual is immunocompromised in some way (HIV, cancer, etc). Both Penicillium and Aspergillus spores share similar morphology on non-viable analysis and therefore are lumped together into the same group.

Basidiospores - From the Subphylum Basidiomycotina which contains the mushrooms, shelf fungi, and a variety of other macrofungi. They are saprophytes, ectomycorrhizal fungi or agents of wood rot, which may destroy the structure wood of buildings. It is extremely difficult to identify a specific genera of mushrooms by using standard culture plate techniques. Some basidiomycete spores can be identified by spore morphology; however, some care should be exercised with regard to specific identification. The release of basidiospores is dependant upon moisture, and they are dispersed by wind.
Health Effects: Many have the potential to produce a variety of toxins. Members of this group may trigger Type I and III fungal hypersensitivity reactions. Rarely reported as opportunistic pathogens.

Bipolaris/Drechslera - Found on grasses, grains, various plants, and decaying food. May grow in semi-dry environments. Some species are found in indoor environments. Because of the microscopic similarities between the two genera, they are grouped together on non-viable analyses.
Health Effects: Can occasionally cause corneal infection of the eye. This group of fungi constitutes the most commonly reported causes of allergic fungal sinusitis. They produce type I fungal hypersensitivity in humans.
References: St-Germain, Guy, and Richard Summerbell. Identifying Filamentous Fungi: A Clinical Laboratory Handbook. California: Star Publishing Co., 1996.



SanAir ID Number
20048933
FINAL REPORT
9/2/2020 12:05:21 PM

Name: Wellington Environmental
Address: 607 Hanley Industrial Court
St Louis, MO 63144
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Project Number: 47545
P.O. Number: 14481
Project Name: Boone County
Collected Date: 8/31/2020
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Cladosporium species - The most commonly identified outdoor fungus. The outdoor numbers are reduced in the winter and are often high in the summer. Often found indoors in numbers less than outdoor numbers. It is commonly found on the surface of fiberglass duct liner in the interior of supply ducts. A wide variety of plants are food sources for this fungus. It is found on dead plants, woody plants, food, straw, soil, paint and textiles. Often found in dirty refrigerators and especially in reservoirs where condensation is collected, on moist window frames it can easily be seen covering the whole painted area with a velvety olive green layer.

Health Effects: It is a common allergen. It can cause mycosis. Common cause of extrinsic asthma (immediate-type hypersensitivity: type I). Acute symptoms include edema and bronchospasms, chronic cases may develop pulmonary emphysema. Illnesses caused by this genus can include phaeohyphomycosis, chromoblastomycosis, hay fever and common allergies.

References: Flannigan, Brian, Robert A. Samson, and J. David Miller, eds. *Microorganisms in Home and Indoor Work Environments: Diversity, Health Impacts, Investigation, and Control*. London and New York: Taylor & Francis, 2001.

Curvularia species - Curvularia is found on plant material and is considered a saprobe. It has also been isolated from dust samples and from wallpaper.

Health Effects: It has been reported to cause type I hypersensitivity and to be a cause of allergic fungal sinusitis. It may cause corneal infections, mycetoma and infections in immune compromised hosts.

References: De Hoog, G.S., J. Guarro, J. Gene, and M.J. Figueras. *Atlas of Clinical Fungi*, 2nd Edition. The Netherlands: CBS, 2000.

Epicoccum species - It is found in plants, soil, grains, textiles, and paper products. Frequently isolated from air and occasionally occurs in house dust. Is a saprophyte and considered a weakly parasitic secondary invader of plants, moldy paper and textiles. Epicoccum is usually isolated with either Cladosporium species or Aureobasidium species.

Health Effects: A common allergen. It also has the potential to produce type I fungal hypersensitivity reactions.

References: Flannigan, Brian, Robert A. Samson, and J. David Miller, eds. *Microorganisms in Home and Indoor Work Environments: Diversity, Health Impacts, Investigation, and Control*. London and New York: Taylor & Francis, 2001.

Pestalotia- / Pestalotiopsis-like - This group consists of several genera. Mostly plant pathogens.

Pithomyces species - Grows on dead grass in pastures and decaying plant material.

Health Effects: Causes facial eczema in ruminants.

References: St-Germain, Guy, and Richard Summerbell. *Identifying Filamentous Fungi: A Clinical Laboratory Handbook*. California: Star Publishing Co., 1996.

Rusts - From the group Uredinales, called Rusts due to the color of the spores, which are known for causing disease in plants.

Smuts/Myxomycetes - Smuts and Myxomycetes are parasitic plant pathogens. They are typically grouped together due to their association with plants, the outdoors and because they share similar microscopic morphology.

Health Effects: Can produce type I fungal hypersensitivity reactions.

References: Martin, G.W., C.J. Alexopoulos, and M.L. Farr. *The Genera of Myxomycetes*. Iowa City, Iowa: University of Iowa Press, 1983.



SanAir ID Number

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FINAL REPORT

9/2/2020 12:05:21 PM

Name: Wellington Environmental
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Project Number: 47545
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Stachybotrys species - This organism is rarely found in outdoor samples. It is usually difficult to find in indoor air samples unless it is physically disturbed because the spores are in a gelatinous mass. Grows well on wet media, preferably containing cellulose. It proliferates in the indoor environment with long term water damage, growing on wallpaper, gypsum board, and textiles. As a general rule, air cultures for Stachybotrys yields unpredictable results, mainly due to the fact that this fungus is usually accompanied by other fungi such as Aspergillus and Penicillium that normally are better aerosolized than Stachybotrys. This is a slow growing fungus on media. It does not compete well with other rapidly growing fungi. The black fungi grow on building material with high cellulose content and low nitrogen content. Appropriate media for the growth of this organism will have high cellulose content and low nitrogen content.

Health Effects: It has worldwide distribution and has been reported to cause dermatitis, cough, rhinitis, and headache, although no definitive reports of human infections have been verified. It has the ability to cause type I hypersensitivity. It is a documented mycotoxin producer.

References: Flannigan, Brian, Robert A. Samson, and J. David Miller, eds. Microorganisms in Home and Indoor Work Environments: Diversity, Health Impacts, Investigation, and Control. London and New York: Taylor & Francis, 2001.

Additional Information

Air Cassette Analyses

Air cassette reports indicate the genus and concentration of viable (living) and non-viable mold spores detected on the slide (A2 Analysis). Whether or not these spores are viable cannot be determined using this type of analysis. However, keep in mind that spores can remain allergenic even after cellular death. Other possible allergens include dander, pollen and fibers which are included in air cassette reports for the A1 Analysis. A1 and A2 analyses are performed on several types of air cassettes. Light microscopy at a 400 to 1000x magnification is used for air cassette sample analysis. SanAir always analyzes 100% of the impacted slide.

Explanation of Background Densities

The background density of an air cassette aids in the overall interpretation of results as it indicates the level of background debris present (e.g. dander, pollen, fibers, insect parts, soot, fly ash, etc.). Excessive background debris may mask the presence of fungal spores thereby reducing the accuracy of the count. It may also serve as an alert that the volume of air pulled was too high or too low. The following table explains background densities.

Air Cassette Density	Amount of Particulate on Slide	Explanation
1	Insignificant	Should not skew any counts
1+	Low	Should not skew any counts
2	Low to Moderate	Should not skew any counts
2+	Moderate to High	May cause occlusion of small spores
3	High	May cause occlusion of small to medium spores
3+	Very High	Will cause occlusion of spores
4	Overloaded	Level of particulate too high to perform analysis

A Note About the Fungal Spores

In some instances certain groups of fungi cannot be identified due to a lack of distinguishing characteristics. These fungi will be categorized as %unknown spores+on the final report.

The genera *Aspergillus* and *Penicillium* are typically composed of small, round spores that are difficult to distinguish from each other; therefore, they are grouped into the category *Aspergillus / Penicillium*. Other fungi that produce spores of similar characteristics may also be placed into this category, including *Paecilomyces*, *Gliocladium*, and *Trichoderma*, among others.

Stachybotrys and *Memnoniella* spores are coated with a sticky %lime+layer that may inhibit aerosolization.

Any genus of fungi detected on an air cassette with a high raw count (i.e. exceeding 500 spores) may be estimated. Any estimate higher than 12,000 spores will be reported as >12,000.

Understanding the Air Cassette Report

Each sample has 3 columns of information provided. The left is the raw count which is the number of spores for that fungal type detected on the trace. The middle column is the count per cubic meter (Count/m³) which is the raw count converted based on the total volume pulled for that sample. It represents the number of spores that should be expected in a cubic meter of air from the location in question *if* the spores were distributed evenly throughout the air. This column is helpful for interpreting results when the samples were pulled at different total volumes. In other words, the raw count of a cassette pulled at 75 liters should not be compared to the raw count of a cassette pulled at 150 liters because there may be higher counts associated with the higher volume. By comparing the %Count/m³+columns the difference in volumes are accounted for.

The limit of detection is the lowest spore count detectable with reasonable certainty, and it is calculated this way using a raw count of one. Keep in mind there are 1,000 liters in a cubic meter.

$$1 \times (1,000 / \text{Total Volume in Liters})$$

How to calculate the count per cubic meter:

$$\text{Raw Count} \times (1,000 / \text{Total Volume in Liters})$$

The last column on the right shows the percentage for which each spore type comprised the total spore count.

Understanding the Air Cassette Graph (If included in the final report)

The graph is a visual representation of the baseline sample (usually the outdoor air sample) compared individually against each indoor sample. Each spore type found on the indoor sample is compared to what was found outdoors per cubic meter.

The graph shows the percentile representation of each indoor spore count derived by dividing the indoor Count/m³ by the outdoor Count/m³. If the percentage is below 50% of the outside count, then the bar is below 50 on the chart, which corresponds to %Within 50% of Baseline Count/m³.+ If the percentage is between 50 and 100%, then the bar on the chart will stop between 50 and 100, which corresponds to %Count/m³ comparable to Baseline.+ If the percentage is greater than 100%, then the bar will be above 100 on the chart, which corresponds to %Count/m³ higher than Baseline.+

Each organism is given a threshold level for the Count/m³. If this threshold level is not met in an inside sample, then the organism will not be graphed on the chart. This is used to prevent the graph from showing every spore type that is commonly found outside and doesn't typically indicate a possible moisture problem inside. For example, most common outdoor spores (e.g. ascospores, basidiospores, and *Cladosporium*) have a threshold level of 100. Therefore, in order to show up on the chart, the inside Count/m³ must be above 100. On the other hand, fungi that may indicate water damage (e.g. *Stachybotrys*, *Ulocladium*, *Chaetomium*, *Memnoniella*, etc.) are given lower threshold levels. These fungi have a higher water activity value and therefore require more moisture to grow. *Stachybotrys* and *Chaetomium* have threshold values of 14 and 30, respectively, as even a low count of those types of spores may indicate an issue with excess moisture.

Keep in mind that this graph is to be used only as a tool in the inspection of a building. Visual examination and knowledge of water damage, past remediation, and weather conditions, among other elements, is essential in the decision regarding the indoor air quality of a building.

Assistance with Remediation Projects

more information pertaining to interpretation of results is available on our website www.sanair.com

For assistance in a remediation project you may consult the Institute of Inspection, Cleaning and Restoration Certification (IICRC) S500 and S520 protocols. The S500 is a reference guide for water-damage restoration and the S520 pertains specifically to mold remediation. Other standards and guidelines regarding Indoor Air Quality that may assist in remediation projects:

- AIHA (Recognition, Evaluation, and Control of Indoor Mold)
- AIHA (The Facts About Mold)
- NADCA (ACR 2006)
- IESO (Standards of Practice for the Assessment of Indoor Air Quality)
- EPA (Mold Remediation in Schools and Commercial Buildings)
- New York City Department of Health and Mental Hygiene (Guidelines on Assessment and Remediation of Fungi in Indoor Environments)

Disclaimer

SanAir Technologies Laboratory does not make contamination corrections to reports based upon analysis of laboratory and/or field blanks.

This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody. Neither results nor reports will be discussed with or released to any third party without our client's written permission. The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and location of sampling. SanAir assumes no responsibility for the method of sample procurement. SanAir assumes no responsibility for information provided by the client on the COC such as project number, project name, collection dates, po number, special instructions, samples collected by technician name, sample numbers, sample identifications, sample type, selected analysis type, flow rate, total volume or area, and start stop times that may affect the validity of the results in this report. Evaluation reports are based solely on the sample(s) in the condition in which they arrived at the laboratory and on the information provided by the client on the COC. SanAir will not provide any opinion on the safety of a building as visual inspection and knowledge of water damage, past remediation and weather conditions during sampling, among other elements, is essential in this decision. All samples are disposed of after 90 days unless otherwise requested by the client. SanAir is accredited by AIHA-LAP, LLC in the EMLAP program. Refer to our accreditation certificate or www.aihaaccreditedlabs.org for an up to date list of the Fields of Testing for which we are accredited.

This report does not constitute endorsement by AIHA-LAP, LLC/NVLAP and/or any other U.S. governmental agencies; and may not be certified by every local, state and federal regulatory agency.

Additional Information

Direct Identification Analyses

Direct identification analyses can be performed on tape, bulk, dust and swab samples. Direct identification reports indicate the evidence of possible active growth for each genus of fungi present. Whether or not these spores are viable or nonviable cannot be determined using this type of analysis; the sample would have to be cultured in order to determine viability. Keep in mind that this report can only be inferred for the exact spot in which the sample was taken. Light microscopy at a 400 to 1000x magnification is used for direct identification analysis.

It is encouraged to include a blank tape sample in order to check for contamination during sampling or shipment. Be sure to check the expiration date of any tape. It is recommended not to use expired tapes as the gel on the slide deteriorates thereby losing the tackiness necessary to retain fungi.

The genera *Aspergillus* and *Penicillium* are typically composed of small, round spores that are difficult to distinguish from each other without the presence of intact conidiophores (structures from which spores are formed and released). In this case, they are grouped into the category *Aspergillus / Penicillium*. Other fungi that produce spores of similar characteristics to *Aspergillus* and *Penicillium* may also be placed into this combined category in the absence of intact conidiophores (e.g. *Paecilomyces*, *Gliocladium*, *Trichoderma*, etc.).

D1 Analysis: Fungal Identification with “Evidence of Growth” Description

Results for the direct identification analysis describe the amount of evidence indicating possible fungal growth. The presence of associated mycelial fragments and conidiophores help the analyst to determine which description to use: rare, light, moderate, or heavy. Please refer to the following table for interpretation of direct identification results.

Estimated Amount	Indication of Growth	Evidence of Mycelial Fragments / Conidiophores
Rare	Not Likely	None
Light	Possible	Some, 10 to 25% of Tape Covered
Moderate	Probable	Abundant, 25 to 50% of Tape Covered
Heavy	Significant	Throughout, 50 to 100% of Tape Covered

NOTE: Swabs are not the best media to use for direct analyses as all organisms may not be recovered intact, if at all, when analyzed.

NOTE: Tapes should not be overloaded with debris as that may occlude fungi.

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**Microbiology
 Chain of Custody**
 Form 68, Revision 8, 8/28/19

SanAir ID Number
 20048933

Company: Wellington Environmental	Project Number: 47545	Phone #: 314-644-4930
Address: 607 Hanley Industrial Ct	Project Name: BOONE COUNTY	Phone #:
City, State, Zip: St. Louis, MO 63144	Date Collected: 8/31/2020	Fax #:
Samples Collected By: Dave Blough	P.O. Number: 14481	Email: dblough@environmentalcare.com
Account #:		Email:

Sample Types	Analysis Types	Turn Around Time
AC Air Cassette	A1 Identification and Enumeration of Fungal spores, plus total dander, fiber, and pollen count	3hr / 6hr / 1day / 2day
	A2 - Identification and Enumeration of Fungal spores only	3hr / 6hr / 1day / 2day
T Bulk Swab	D1 - Direct Identification of Fungi	3hr / 6hr / 1day / 2day
	D2 - Direct Identification of Mites, Insects, Pollen, etc.	3hr / 6hr / 1day / 2day
	D3 - Direct Identification and Enumeration of Fungi	3hr / 6hr / 1day / 2day
AP Air Plate	C1 - Culture Identification and Enumeration of Fungi only	5-10 Days
	C2 - Culture Identification and Enumeration of Bacteria only	2-4 Days
	C3 - Culture Identification and Enumeration of Fungi and Bacteria	5-10 Days
	C4 - Culture Identification and Enumeration of Thermophilic Bacteria with C2 or C3 analysis	2-4 or 5-10 Days
D Dust	DA1 - Dust Mite Allergen Test	3hr / 6hr / 1day / 2day

SanAir offers *Legionella* testing and other specialized culture analyses. Please call for details, COC and pricing.

Sample #	Sample Identification	Sample Type	Analysis Type(s)	Turn Around Time	Flow Rate (Liters/min)	Total Volume (L) or Area (in ²)	Time Start - Stop
47545-1	OFFICE AREA	AC	A1	24 HR	15/5	75L	
47545-2	OUTSIDE	AC	A1	24 HR	15/5	75L	
47545-3	BACK OF DMV WALL	T	D1	24 HR	-	-	

Special Instructions

Relinquished by	Date	Time	Received by	Date	Time
<i>[Signature]</i>	8/31/20	2 AM	BT	9/1/20	11:15am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.