Genesee County Land Bank Authority

452 S. Saginaw St. 2nd Floor, Flint, MI 48502

Home Investment Partnership Program (HOME)

Invitation for Bids: 616 W University Avenue – Lead Abatement Contractor

BID NUMBER: LB11-005

Due Date: Monday, March 7, 2011 at 3:00 pm EST

As part of a Home Investment Partnership grant awarded to the Genesee County Land Bank Authority (GCLBA) from the City of Flint Department of Community and Economic Development

INVITATION FOR BIDS: 616 W UNIVERSITY AVENUE – LEAD ABATEMENT CONTRACTOR

Overview

The Genesee County Land Bank Authority (GCLBA) is seeking sealed bids for the lead abatement of 616 W University Avenue, Flint, Michigan 48503 as a two-unit duplex that will be rented to income eligible families under the Home Investment Partnership (HOME) Program. The GCLBA has received grant funding from the City of Flint, Department of Community and Economic Development for this purpose. The HOME funds are provided to the City of Flint from the U.S. Department of Housing and Urban Development (HUD).

Sealed Bid Due Date

Lead abatement contractors with qualifications and experience in lead abatement are invited to submit sealed bids to the Genesee County Land Bank Authority, 452 S. Saginaw St., 2nd Floor, Flint, Michigan 48502 on or before **Monday, March 7, 2011 at 3:00 pm EST**. The outside of the envelope must be marked "LB 11-005, Sealed Bid for 616 W University Ave- Lead Abatement"

Bid Opening

The bid opening will be Monday, March 7, 2011 at 3:30 pm EST at the Genesee County Land Bank Authority, Conference Room, 452. S. Saginaw St., 2nd Floor, Flint, MI 48502 and is open to the public.

Mandatory Pre-bid Meeting and Walkthrough

A mandatory pre-bid meeting will take place at the Genesee County Land Bank Authority, Conference Room, 452. S. Saginaw St., 2nd Floor, Flint, MI 48502 at 9:00 am on Wednesday, February 23, 2011.

A mandatory walkthrough of the property to be rehabilitated and abated will take place at 616 W University Ave, Flint, MI 48503 from 10:30 am – 12:30 pm on Wednesday, February 23, 2011.

Bidders must be present at both the pre-bid meeting and the walkthrough in order to bid on this proposal.

Proposal Requirements/ Bidding Instructions

Bids must be sealed, the outside of the envelope must be marked "LB 11-005, Sealed Bid for 616 W University Ave- Lead Abatement" and contain the following:

1. Copies of E.P.A. Renovator and Firm Certificates
2. 2011 Certificate to do Business with Genesee County
3. Insurance Certificate including:
    a. Worker's Compensation
    b. General Liability of $2,000,000 for Bodily Injury and Property Damage
    c. Genesee County Land Bank named as a Certificate Holder
4. Certification Form Note (attached)
5. Executed Disbarment Form (attached)
6. Typed or Inked Contractor Bid Form and Specifications (attached)

Bid Acceptance

Bid proposals of more than 10% lower or 15% higher than the GCLBA cost estimate will be disqualified. The GCLBA anticipates immediately entering into a contract with the lead abatement firm after all certification requirements have been provided and accepted. The City of Flint must also approve the awarding of the bid. The lead abatement contractor must be ready to begin work immediately upon receipt of the notice to proceed by the GCLBA.

Coordination with other Contractors

The asbestos removal and general contractor rehabilitation components of this redevelopment project are included in separate bid proposals that are also available on the GCLBA website at **www.thelandbank.org** under the tab current bids. The lead abatement contractor will be required to coordinate work through the GCLBA staff with these other service providers for this project.

Minority Owned Firms and Women's Business Enterprises

GCLBA is seeking to encourage participation by respondents who are small and minority-owned firms, women's business enterprises and labor surplus area firms.

Lead Safe Work Practices

Lead safe work practices must be used for all rehabilitation activities and performed in accordance with applicable federal, state and local laws, ordinances, codes or regulations governing evaluation and hazard reduction. For lead abatement activities in excess of $25,000, the contractor must have a certified Lead Supervisor on the site during abatement activities. In the event of discrepancies, the most protective requirements prevail.

Asbestos Abatement

Asbestos abatement must be completed before commencing the rehabilitation construction; this will be completed under another contract separate from this bid's scope of work.

Native American Remains

Another federally funded project in the area recently uncovered Native American remains over 1,500 years old. The State Historic Preservation Office has designated this area to be of high archeological sensitivity. No ground disturbing work is to be performed nor is it included in the scope of work for this project. However should any human remains be found on this site, please contact the Michigan State Police.

Timeline for Completion

This project must be completed within 30 days of the award of the contract. This includes all work items included in the bid proposal.

2011 Certificate to do Business with Genesee County

Each contractor must submit one copy of their 2011 CERTIFICATE TO DO BUSINESS WITH GENESEE COUNTY. The Land Bank follows Genesee County Office of Equity and Diversity policies and procedures for this process. For further information on this requirement, contact the Genesee County Office of Equity and Diversity, 1101 Beach Street, Room 343, Flint, Michigan 48502, phone (810) 257-3028; fax (810) 768-7943.

Federal Compliance Requirements

The lead abatement contractor must comply with all of the following federal guidelines for this rehabilitation project:

1. OSHA 29 CRF 1926- Construction Industry Standards
2. 29 CFR 1926.62- Construction Industry Lead Standards
3. 29 CFR 1910.1200 – Hazard Communication
4. 40 CFR Part 261- EPA Regulations
5. HUD Title X parts 1012-1013
6. Federal Labor Standards and Provisions
7. Equal Opportunity Clause
8. Section 3 Clause
9. HUD Contract and Subcontract Activity

Questions and Addendums

Questions regarding this bid should be directed to Kyle Stottmeister at (810) 257-3088 ext. 533 or email to **kstottmeister@thelandbank.org**. Addendums to this bid proposal may be found at the GCLBA website at **www.thelandbank.org** under the tab current bids. Please check the website for updates to this bid package.

CERTIFICATION FORM NOTE

THIS PAGE MUST BE COMPLETED AND INCLUDED WITH THE SUBMITTAL CERTIFICATION

The undersigned hereby certifies, on behalf of the Respondent named in this Certification (the "Respondent"), that the information provided in this bid submittal to GCLBA is accurate and complete, and I am duly authorized to submit same. I hereby certify that the Respondent has reviewed this bid proposal in its entirety and accepts its terms and conditions.

_____

(Name of Respondent)

_____

(Signature of Authorized Representative)

_____

(Typed Name of Authorized Representative)

_____

(Title)

_____

(Date)

PROCUREMENT/ SUSPENTION/DEBARMENT

I <u>have not been</u> barred or suspended from working on federal contracts.

Signed this _____ day of _____, _____

_____ _____
Contractor Name Date Signed

CONTRACTOR BID FORM

Property Address: 616 W. University Ave, Flint, MI 48503

Owner Name: Genesee County Land Bank Authority

Contact Person/ Spec Writer: Kyle Stottmeister

Contact Phone Number: (810) 257-3088 ext. 533

Contact Email: **kstottmeister@thelandbank.org**

Bid Submission Deadline Date: Monday, March 7, 2011 before 3:00 pm

Contractor Name: _____

Total Bid Offer as per Attached Specifications $ _____

Contractor Signature: _____ **Date:** _____

Contractor Address: _____

Contractor Phone: _____

Contractor Email: _____

Workers Comp Insurance Expires Date: _____

Liability Insurance Expires Date: _____

Note: Bid package includes one (1) set of specifications. One copy must be completed and returned with this bid form that must be line priced in clearly legible numbers (ink or typewritten)

SPECS BY LOCATION/TRADE

11/30/2010

Work Write-up/Re-Bid: _____ **Case Number:** _____

Walk-Through Date: _____ **Construction Specialist:** _____

Bid Date: _____ **Phone:** _____

Initial: _____

Address: 616 W University/Lead Avenue **Unit: Unit 01**

Location: 1 - Lead Abatement Approx. Wall SF: 0 Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 7	**Masonry**				
1104	**BASEMENT WALL** Clean surface area and wash with TSP or equivalent. Use Michigan approved encapsulant on walls. Include both basement sections. See lead report.	1.00	AL	_____	_____
Trade: 9	**Environmental Rehab**				
9007	**CLEAN TO LEAD CLEARANCE** Prior to final acceptance of the lead hazard reduction work and all rehabilitation work, the property shall be visually inspected for any remaining paint chips, dust and debris and lead dust wipe samples shall be obtained from floors, windows sills and window troughs. The contractor shall re-clean (Using the HEPA/wash/HEPA method) all applicable components and surfaces and pay for all additional clearance dust sampling if any dust sample results exceedd the thresholds of 40 ug/SF for floors, 250 ug/Sf for window sills and 400 ug/SF for window troughs. Obtain clearance after all abatement has been done. It is the contractors responsibility to ensure all lead has been abated. Check the Lead Report carefully.	3,600.00	SF	_____	_____
9405	**STRIP STAIRWELL - CAUSTIC STRIPPER** Workers must wear impervious protective gloves, disposable full body overalls and faceshields. Protect all areas not to be stripped. Establish any required floor containment with polyethylene sheeting. Apply caustic paste and any recommended coversheet in accordance with manufacturer's specs. HEPA vacuum any paint chips, dust and debris. Prime top coat with owner's choice of finish. Use chemical stripper and strip stair treads, risers, stringers, on stair case for both units and baseboards in foyer of West unit. Remove balluster from East unit and keep the handrail. Strip the newel post on the East Unit.	1.00	AL	_____	_____
Trade: 10	**Carpentry**				
2540	**BASEMENT** Replace support columns with Lead based paint. Remove contaminated book shelves.	1.00	AL	_____	_____
2590	**SIDING--REMOVE EXTERIOR CLAPBOARD AND TRIM** Remove all exterior lead componants. Including but not limited to siding, soffit, fascia, window trim, porch componants, and any other lead painted surface. Some features shall be chemically stripped and reused. These	1.00	AL	_____	_____

Address: 616 W University/Le Avenue **Unit: U 01**

Location: 1 - Lead Abatement Approx. Wall SF: 0 Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 10	**Carpentry**				
	componants are the decorative features in the gables, porch posts, decorative elements on porches and soffits, and as much of the porch material as possible (excluding floor and ceiling).				
2795	**WINDOW REMOVE** Remove windows throughout house. Include interior and exterior trim and all window components. See lead report.	32.00	EA	_____	_____
2841	**TRIM--REMOVE ALL INTERIOR TRIM AND DOOR COMPONANTS** Remove base, casing, doors, door componants, and any other interior wood componants that have tested positive for lead. See lead Report. Include lead componants in garage	3,600.00	EA	_____	_____
Trade: 15	**Roofing**				
4631	**1/2 ROUND GALVANIZED GUTTER** Remove all gutter componants. See lead report	1.00	AL	_____	_____
Trade: 20	**Floor Coverings**				
5960	**REMOVE LEAD HAZARD FROM FLOORING** Clean floors throughout house. Remove flooring in Dining room of West unit (extensive water damage). Install 1/4" plywood over all flooring . See lead report. Seal edges per lead safe practices. Kitchen, Dining room, and Bathroom should by Birch Microply plywood for vinyl underlayment	3,600.00	SF	_____	_____

Bidder: _____ **Location Total:** _____

Unit Total for 616 W University/Lead Avenue, Unit Unit 01: _____

Address Grand Total for 616 W University/Lead Avenue: _____

Federal Labor Standards Provisions

U.S. Department of Housing and Urban Development
Office of Labor Relations

Applicability

The Project or Program to which the construction work covered by this contract pertains is being assisted by the United States of America and the following Federal Labor Standards Provisions are included in this Contract pursuant to the provisions applicable to such Federal assistance.

A. 1. (i) Minimum Wages. All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR Part 3), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics. Contributions made or costs reasonably anticipated for bona fide fringe benefits under Section l(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of 29 CFR 5.5(a)(1)(iv); also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs, which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period.

Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under 29 CFR 5.5(a)(1)(ii) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible, place where it can be easily seen by the workers.

(ii) (a) Any class of laborers or mechanics which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. HUD shall approve an additional classification and wage rate and fringe benefits therefor only when the following criteria have been met:

(1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(2) The classification is utilized in the area by the construction industry; and

(3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(b) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and HUD or its designee agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by HUD or its designee to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, D.C. 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise HUD or its designee or will notify HUD or its designee within the 30-day period that additional time is necessary. (Approved by the Office of Management and Budget under OMB control number 1215-0140.)

(c) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and HUD or its designee do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), HUD or its designee shall refer the questions, including the views of all interested parties and the recommendation of HUD or its designee, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise HUD or its designee or will notify HUD or its designee within the 30-day period that additional time is necessary. (Approved by the Office of Management and Budget under OMB Control Number 1215-0140.)

(d) The wage rate (including fringe benefits where appropriate) determined pursuant to subparagraphs (1)(ii)(b) or (c) of this paragraph, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program. (Approved by the Office of Management and Budget under OMB Control Number 1215-0140.)

2. Withholding. HUD or its designee shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other Federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee or helper, employed or working on the site of the work, all or part

of the wages required by the contract, HUD or its designee may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased. HUD or its designee may, after written notice to the contractor, disburse such amounts withheld for and on account of the contractor or subcontractor to the respective employees to whom they are due. The Comptroller General shall make such disbursements in the case of direct Davis-Bacon Act contracts.

3. (i) Payrolls and basic records. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in Section l(b)(2)(B) of the Davis-bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5 (a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in Section l(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs. (Approved by the Office of Management and Budget under OMB Control Numbers 1215-0140 and 1215-0017.)

(ii) (a) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to HUD or its designee if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit the payrolls to the applicant sponsor, or owner, as the case may be, for transmission to HUD or its designee. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i). This information may be submitted in any form desired. Optional Form WH-347 is available for this purpose and may be purchased from the Superintendent of Documents (Federal Stock Number 029-005-00014-1), U.S. Government Printing Office, Washington, DC 20402. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. (Approved by the Office of Management and Budget under OMB Control Number 1215-0149.)

(b) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) That the payroll for the payroll period contains the information required to be maintained under 29 CFR 5.5 (a)(3)(i) and that such information is correct and complete;

(2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in 29 CFR Part 3;

(3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(c) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by subparagraph A.3.(ii)(b).

(d) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under Section 1001 of Title 18 and Section 231 of Title 31 of the United States Code.

(iii) The contractor or subcontractor shall make the records required under subparagraph A.3.(i) available for inspection, copying, or transcription by authorized representatives of HUD or its designee or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, HUD or its designee may, after written notice to the contractor, sponsor, applicant or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and Trainees.

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the

journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under 29 CFR Part 5 shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR Part 30.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR Part 3 which are incorporated by reference in this contract

6. Subcontracts. The contractor or subcontractor will insert in any subcontracts the clauses contained in subparagraphs 1 through 11 of this paragraph A and such other clauses as HUD or its designee may by appropriate instructions require, and a copy of the applicable prevailing wage decision, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in this paragraph.

7. Contract termination; debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act Requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR Parts 1, 3, and 5 are herein incorporated by reference in this contract

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR Parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and HUD or its designee, the U.S. Department of Labor, or the employees or their representatives.

10. (i) Certification of Eligibility. By entering into this contract the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of Section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1) or to be awarded HUD contracts or participate in HUD programs pursuant to 24 CFR Part 24.

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of Section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1) or to be awarded HUD contracts or participate in HUD programs pursuant to 24 CFR Part 24.

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001. Additionally, U.S. Criminal Code, Section 1 01 0, Title 18, U.S.C., "Federal Housing Administration transactions", provides in part: "Whoever, for the purpose of . . . influencing in any way the action of such Administration..... makes, utters or publishes any statement knowing the same to be false..... shall be fined not more than $5,000 or imprisoned not more than two years, or both."

11. Complaints, Proceedings, or Testimony by Employees. No laborer or mechanic to whom the wage, salary, or other labor standards provisions of this Contract are applicable shall be discharged or in any other manner discriminated against by the Contractor or any subcontractor because such employee has filed any complaint or instituted or caused to be instituted any proceeding or has testified or is about to testify in any proceeding under or relating to the labor standards applicable under this Contract to his employer.

B. Contract Work Hours and Safety Standards Act. The provisions of this paragraph B are applicable only where the amount of the prime contract exceeds $100,000. As used in this paragraph, the terms "laborers" and "mechanics" include watchmen and guards.

(1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of 40 hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of 40 hours in such workweek.

(2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in subpara-

graph (1) of this paragraph, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in subparagraph (1) of this paragraph, in the sum of $10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of 40 hours without payment of the overtime wages required by the clause set forth in sub paragraph (1) of this paragraph.

(3) Withholding for unpaid wages and liquidated damages. HUD or its designee shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contract, or any other Federally-assisted contract subject to the Contract Work Hours and Safety Standards Act which is held by the same prime contractor such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in subparagraph (2) of this paragraph.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in subparagraph (1) through (4) of this paragraph and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in subparagraphs (1) through (4) of this paragraph.

C. Health and Safety. The provisions of this paragraph C are applicable only where the amount of the prime contract exceeds $100,000.

(1) No laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to his health and safety as determined under construction safety and health standards promulgated by the Secretary of Labor by regulation.

(2) The Contractor shall comply with all regulations issued by the Secretary of Labor pursuant to Title 29 Part 1926 and failure to comply may result in imposition of sanctions pursuant to the Contract Work Hours and Safety Standards Act, 40 USC 3701 et seq.

(3) The Contractor shall include the provisions of this paragraph in every subcontract so that such provisions will be binding on each subcontractor. The Contractor shall take such action with respect to any subcontract as the Secretary of Housing and Urban Development or the Secretary of Labor shall direct as a means of enforcing such provisions.

EQUAL OPPORTUNITY CLAUSE
(EXECUTIVE ORDER 11246)

"During the performance of this contract, the contractor agrees as follows:

"(1) The contractor will not discriminate against any employee or applicant for Employment because of race, creed, color, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, creed, color, or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.

"(2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, creed, color, or national origin.

"(3) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under Section 202 of Executive Order No. 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

"(4) The contractor will comply with all provisions of Executive Order No. 11246 of Sept. 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

"(5) The contractor will furnish all information and reports required by Executive Order No. 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

"(6) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be cancelled, terminated or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order No. 11246 of Sept 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

"(7) The contractor will include the provisions of Paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order No. 11246 of Sept. 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the contracting agency may direct as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, That in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the contracting agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States."

§ 135.38 Section 3 clause.

All section 3 contracts shall include the following clause (referred to as the section 3 clause):

A. The work to be performed under this contract is subject to the requirements of section 3 of the Housing and Urban Development Act of 1968, as amended 12 U.S.C. 1701u (section 3). The purpose of section 3 is to ensure that employment and other economic opportunities generated by HUD assistance or HUD-assisted projects covered by section 3 shall, to the greatest extent feasible, be directed to low- and very low-income persons, particularly persons who are recipients of HUD assistance for housing.

B. The parties to this contract agree to comply with HUD's regulations in 24 CFR part 135, which implement section 3. As evidenced by their execution of this contract, the parties to this contract certify that they are under no contractual or other impediment that would prevent them from complying with the part 135 regulations.

C. The contractor agrees to send to each labor organization or representative of workers with which the contractor has a collective bargaining agreement or other understanding, if any, a notice advising the labor organization or workers' representative of the contractor's commitments under this section 3 clause, and will post copies of the notice in conspicuous places at the work site where both employees and applicants for training and employment positions can see the notice. The notice shall describe the section 3 preference, shall set forth minimum number and job titles subject to hire, availability of apprenticeship and training positions, the qualifications for each; and the name and location of the person(s) taking applications for each of the positions; and the anticipated date the work shall begin.

D. The contractor agrees to include this section 3 clause in every subcontract subject to compliance with regulations in 24 CFR part 135, and agrees to take appropriate action, as provided in an applicable provision of the subcontract or in this section 3 clause, upon a finding that the subcontractor is in violation of the regulations in 24 CFR part 135. The contractor will not subcontract with any subcontractor where the contractor has notice or knowledge that the subcontractor has been found in violation of the regulations in 24 CFR part 135.

E. The contractor will certify that any vacant employment positions, including training positions, that are filled (1) after the contractor is selected but before the contract is executed, and (2) with persons other than those to whom the regulations of 24 CFR part 135 require employment opportunities to be directed, were not filled to circumvent the contractor's obligations under 24 CFR part 135.

F. Noncompliance with HUD's regulations in 24 CFR part 135 may result in sanctions, termination of this contract for default, and debarment or suspension from future HUD assisted contracts.

G. With respect to work performed in connection with section 3 covered Indian housing assistance, section 7(b) of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450e) also applies to the work to be performed under this contract. Section 7(b) requires that to the greatest extent feasible (1) preference and opportunities for training and employment shall be given to Indians, and (ii) preference in the award of contracts and subcontracts shall be given to Indian organizations and Indian-owned Economic Enterprises. Parties to this contract that are subject to the provisions of section 3 and section 7(b) agree to comply with section 3 to the maximum extent feasible, but not in derogation of compliance with section 7(b).

MULTI-FAMILY COMBINATION LEAD BASED PAINT INSPECTION AND RISK ASSESSMENT SURVEY

FOR THE PROPERTIES KNOWN AS:

Vacant Residential Duplex
616 & 618 University Avenue
Flint, MI 48503
Owner's phone #: (810) 238-9190
Date of Construction: 1800's

PREPARED FOR:

Global Environmental Engineering
6140 Rashelle Drive
Flint, MI 48507
(810) 238-9190

LABWORK PROVIDED BY

Accurate Analytical Testing (AAT)
(734) 699-5227
NLLAP # 100986

DATE(S) OF ASSESSMENT:

October 5, 2010

REPORT PREPARED AND SUBMITTED BY:

Matt Duncan
EPA Certified Lead Risk Assessor
Certification #: P-03345

38900 West Huron River Drive, Romulus, MI 48174
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WEBSITE: www.2etc.com

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Executive Summary of Unit 616 & 618 University Ave.

Executive Summary
Existing Lead Based Paint Hazards including
Abatement and Interim Control Options

Client	Global Environmental Engineering
Survey Location:	616&618 University Ave., Flint, MI 48503
Survey Date:	10/05/10
Inspector:	Matt Duncan

The items listed here represent the lead based paint hazards found at this building/site. For each identified hazard, there are corresponding options for performing abatement (long term) fixes and interim control (shorter term) fixes. The client and/or their representative need to select the appropriate and affordable solution to address each of the identified hazards.

Severe structural damages such as roof leaks, damaged exterior walls, foundation cracking, damaged gutter system, pipe leaks, etc. must be repaired before abatement/interim control options are performed or they will not be effective.

Identified Hazard	Severity	Priority	Abatement Options	Interim Control Options
Hazards throughout Duplex				
Dust levels in all of the window troughs / wells tested throughout the duplex were found to have elevated lead levels. **Therefore, all window troughs should be considered to be lead contaminated.**	Critical	Restrict Access	1) Remove and replace with new replacement windows or 2) Replace individual lead painted window components 3) Enclose permanently all lead painted surfaces or 4) Strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), make necessary repairs, stabilize surfaces, and repaint .	1) Use friction reduction treatments (jamb liners, tread covers, etc.) to reduce wear or 2) Wet plane all friction / impact surfaces, wet scrape all remaining surfaces, make necessary repairs, stabilize all surfaces and repaint.
Dust levels on a majority of the window sills/stools tested throughout the duplex were found to have elevated lead levels. **Therefore, all window sills should be considered to be lead contaminated.**	Critical	Restrict Access	1) Remove and replace with new replacement windows or 2) Replace individual lead painted window sill components 3) Enclose permanently all lead painted surfaces or 4) Strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), make necessary repairs, stabilize surfaces, and repaint or 5) Encapsulate all lead painted window sills.	1) Use friction reduction treatments (jamb liners, tread covers, etc.) to reduce wear or 2) Wet plane all friction / impact surfaces, wet scrape all remaining surfaces, make necessary repairs, stabilize all surfaces and repaint.
Dust levels on all of the floors tested throughout the duplex were found to have elevated lead levels. Visible paint chips and debris were present on all floors at the time of inspection. **Therefore, all floors and other surfaces should be considered to be lead contaminated.**	Critical	Restrict Access	The risk assessor believes that these high lead levels were caused by activities/hobbies involving the use of lead, renovation activities, factory/smelter emissions, combustion of leaded gasoline, and other lead based paint hazards dealt with below. **Therefore, after having completed all other abatement / interim control options, clean all surfaces in the entire duplex for lead dust thoroughly using the accepted HEPA-Wash-HEPA cleaning methods.**	The risk assessor believes that these high lead levels were caused by activities/hobbies involving the use of lead, renovation activities, factory/smelter emissions, combustion of leaded gasoline, and other lead based paint hazards dealt with below. **Therefore, after having completed all other abatement / interim control options, clean all surfaces in the entire duplex for lead dust thoroughly using the accepted HEPA-Wash-HEPA cleaning methods.**
A majority of wood window components throughout the duplex were found to present lead hazards and are friction/impact surfaces associated with high lead dust levels, rather than listing each on a room by room basis, **all deteriorated wood window sashes, window wells/troughs, window stops/jambs/parting beads should be considered lead hazards.**	Critical	Restrict Access	1) Remove and replace with new replacement windows or 2) Replace individual lead painted window components 3) Enclose permanently all lead painted surfaces or 4) Strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), make necessary repairs, stabilize surfaces, and repaint .	1) Use friction reduction treatments (jamb liners, tread covers, etc.) to reduce wear or 2) Wet plane all friction / impact surfaces, wet scrape all remaining surfaces, make necessary repairs, stabilize all surfaces and repaint.

Executive Summary Existing Lead Based Paint Hazards including Abatement and Interim Control Options				
Client	Global Environmental Engineering			
Survey Location:	616&618 University Ave., Flint, MI 48503			
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A majority of older painted wood door components throughout the duplex were found to present lead hazards and are friction/impact surfaces associated with high lead dust levels, rather than listing each on a room by room basis, a**ll deteriorated older painted wood doors, door stops, door jambs , and door thresholdsshould be considered lead hazards.**	Critical	Restrict Access	1) Remove and replace with new door systems or 2) Replace individual lead painted components or 3) Strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and repaint. <u>This applies only to older doors not the recently replaced metal entry door systems within the home.</u>	1) Use friction reduction treatments (jamb liners, tread covers, etc.) to reduce wear or 2) Wet plane all friction / impact surfaces, wet scrape all remaining surfaces, make necessary repairs, stabilize all surfaces and repaint.
Hazards on Property Grounds				
Soil levels around the dripline of unit #616 were found to be elevated for lead content.	Critical	Restrict Access	1) Remove top 6 inches of soil and replace with new soil then seed to grass, cover with ground cover or 2) enclose with concrete or asphalt	Clean soil surface of any paint chips or LBP debris, blend top 6 inches of soils with those below by tilling, cover with landscape fabric and groundcover.
Soil levels around the dripline of unit #618 were found to be elevated for lead content.	Critical	Restrict Access	1) Remove top 6 inches of soil and replace with new soil then seed to grass, cover with ground cover or 2) enclose with concrete or asphalt	Clean soil surface of any paint chips or LBP debris, blend top 6 inches of soils with those below by tilling, cover with landscape fabric and groundcover.
Visible paint chips and construction debris are pesent on the ground all around the perimeters of the buildings.	Critical	Restrict Access	After all lead abatement options have been completed, remove all visible paint chips and construction debris from the property.	After all lead interim control options have been completed, remove all visible paint chips and construction debris from the property.
Exterior Garage # 25				
All walls, trim, window sashes and window casings represents deteriorated lead paint surface hazards.	Critical	Restrict Access	1) Demolish and rebuild a new garage or 2) Remove and replace individual lead painted components or 3) Wrap walls with Tyvek or equivalent, apply foam insulation board, seal all seams and install a new vinyl or aluminum siding system, ***<u>including wrapping and enclosure of all trim components with vinyl or aluminum and seal all seams</u>*** or 4) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved, exterior grade encapsulate or 5) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Side A door is a **friction/impact** surface in poor condition.	Critical	Restrict Access	1) Remove and replace with new door systems or 2) Replace individual lead painted components or 3) Strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and repaint.	1) Use friction reduction treatments (jamb liners, tread covers, etc.) to reduce wear or 2) Wet plane all friction / impact surfaces, wet scrape all remaining surfaces, make necessary repairs, stabilize all surfaces and repaint.
Exterior Duplex #24				

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A majority of all walls, soffits, fascias, decorative trim, wall casings/cornerboards/trim, window casings/sills, and door casings, etc. represents deteriorated lead paint surface hazards.	Critical	Restrict Access	1) Wrap walls with Tyvek or equivalent, apply foam insulation board, seal all seams and install a new vinyl or aluminum siding system, ***including wrapping and permanent enclosure of all trim components with vinyl or aluminum and seal all seams*** or 2) Remove and replace individual lead painted components or 3) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved, exterior grade encapsulate or 4) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
A majority of porch support columns, porch beams, and porch aprons represents deteriorated lead paint surface hazards.	Critical	Restrict Access	1) Enclose by wrapping with vinyl or aluminum and seal all seams or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved, exterior grade encapsulate or 3) Remove and replace individual lead painted components or 4) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
A majority of porch floors represents deteriorated lead paint surface hazards.	Critical	Restrict Access	1) Enclose porch floors permanently with appropriate decking materials and seal all edges or 2) Strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), make necessary repairs and recoat or 3) Remove and replace flooring	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
A majority of porch ceilings represents deteriorated lead paint surface hazards.	Critical	Restrict Access	1) Enclose porch ceilings permanently with appropriate materials and seal all edges or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved, exterior grade encapsulate or 3) Remove and replace ceiling material or 4) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.

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A majority of porch railing systems represents deteriorated lead paint surface hazards.	Critical	Restrict Access	1) Remove and replace with new railing systems, or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved, exterior grade encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat or 4) Enclose permanently by wrapping with vinyl, aluminum, or another appropriate material and seal all seams.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
A majority of gutter systems systems represents deteriorated lead paint surface hazards.	Critical	Restrict Access	1) Remove and replace with new gutter systems or, 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved, exterior grade encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 618 Living Room #1				
All baseboards represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new baseboards, or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 618 Dining Room #2				
All baseboards represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new baseboards, or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.

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All door casings represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new door casings 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
All window casings and window sills represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new window casings and sills or, 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Ceiling represents a deteriorated lead paint surface hazard	Critical	Restrict Access	1) Remove and replace wall material or 2) Enclose permanently with drywall or other suitable wallboard material and seal, or 3) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulant,or 4) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 618 Kitchen Room #3				
Ceiling represents a deteriorated lead paint surface hazard	Critical	Restrict Access	1) Remove and replace wall material or 2) Enclose permanently with drywall or other suitable wallboard material and seal, or 3) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulant,or 4) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.

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All window casings and window sills represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new window casings and sills or, 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
All door casings represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new door casings 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 618 Basement Stair Room #4				
Flooring represents a deteriorated lead paint surface hazard	Critical	Restrict Access	1) Remove and replace flooring or, 2) Enclose permanently with wood, tile, linoleum, or other suitable flooring material and seal all edges or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	1) Use wear reduction treatments (liners, tread covers, carpeting, etc.) to reduce wear or 2) Wet scrape all remaining surfaces, make necessary repairs, stabilize all surfaces and repaint.
Side C door header represents a deteriorated lead paint surface hazard	Critical	Restrict Access	1) Remove and replace with new door header 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 618 Entry Room #6				

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All baseboards represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new baseboards, or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
All door casings represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new door casings or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Side A window casing and window sill represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new window casings and sills or, 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 618 Second Floor Stair Room #7				
Sides A and B baseboards represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new baseboards, or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.

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All stair stringers, stair treads and stair risers represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new stair system or 2) Enclose permanently with wood, tile, linoleum, or any other suitable material and seal all seams or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	1) Use wear reduction treatments (liners, tread covers, carpeting, etc.) to reduce wear or 2) Wet scrape all remaining surfaces, make necessary repairs, stabilize all surfaces and repaint.
Side B window casing and window sill represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new window casings and sills or, 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 618 Bed Room #9				
Activities/hobbies involving the use of lead was determined by the inspector. Lead was melted and splattered all over the room. High levels of lead contaminated dust is present in the room and all walls and components are considered contaminated by the inspector.	Critical	Restrict Access	1) Strip all walls/floors down to the studs and joists, remove and replace all building materials.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces,repaint, and thoroughly clean all surfaces..
Unit 618 Bed Room #10				
Side D wall register casing represents a deteriorated lead paint surface hazard	Critical	Restrict Access	1) Remove and replace with new trim or, 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Side A window sill represents a deteriorated lead paint surface hazard	Critical	Restrict Access	1) Remove and replace with new window sill or, 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.

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Unit 618 Bed Room #11				
Side B door casing represents a deteriorated lead paint surface hazard	Critical	Restrict Access	1) Remove and replace with new door casing or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
All baseboards represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new baseboards, or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
All window casings and window sills represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new window casings and sills or, 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 618-616 Bath Room #12				
Side C window sills represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new window sills or, 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.

Executive Summary Existing Lead Based Paint Hazards including Abatement and Interim Control Options				
Client	Global Environmental Engineering			
Survey Location:	616&618 University Ave., Flint, MI 48503			
Survey Date:	10/05/10			
Inspector:	Matt Duncan			
The items listed here represent the lead based paint hazards found at this building/site. For each identified hazard, there are corresponding options for performing abatement (long term) fixes and interim control (shorter term) fixes. The client and/or their representative need to select the appropriate and affordable solution to address each of the identified hazards.				
Side D door casing represents a deteriorated lead paint surface hazard	Critical	Restrict Access	1) Remove and replace with new door casing or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
All flooring represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace flooring or, 2) Enclose permanently with wood, tile, linoleum, or other suitable flooring material and seal all edges or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	1) Use wear reduction treatments (liners, tread covers, carpeting, etc.) to reduce wear or 2) Wet scrape all remaining surfaces, make necessary repairs, stabilize all surfaces and repaint.
White walls sides A, D, C, and side D ceiling represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace wall material or 2) Enclose permanently with drywall or other suitable wallboard material and seal, or 3) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulant,or 4) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 616 Hall Room #13				
All baseboards represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new baseboards, or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.

Executive Summary Existing Lead Based Paint Hazards including Abatement and Interim Control Options				
Client	Global Environmental Engineering			
Survey Location:	616&618 University Ave., Flint, MI 48503			
Survey Date:	10/05/10			
Inspector:	Matt Duncan			
The items listed here represent the lead based paint hazards found at this building/site. For each identified hazard, there are corresponding options for performing abatement (long term) fixes and interim control (shorter term) fixes. The client and/or their representative need to select the appropriate and affordable solution to address each of the identified hazards.				
Side B window casing and window sill represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new window casings and sills or, 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 616 Bed Room #14				
All flooring represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace flooring or, 2) Enclose permanently with wood, tile, linoleum, or other suitable flooring material and seal all edges or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	1) Use wear reduction treatments (liners, tread covers, carpeting, etc.) to reduce wear or 2) Wet scrape all remaining surfaces, make necessary repairs, stabilize all surfaces and repaint.
Side B door casing represents a deteriorated lead paint surface hazard	Critical	Restrict Access	1) Remove and replace with new door casing or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
All window casings and window sills represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new window casings and sills or, 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 616 Bed Room #15				

Executive Summary Existing Lead Based Paint Hazards including Abatement and Interim Control Options				
Client	Global Environmental Engineering			
Survey Location:	616&618 University Ave., Flint, MI 48503			
Survey Date:	10/05/10			
Inspector:	Matt Duncan			
The items listed here represent the lead based paint hazards found at this building/site. For each identified hazard, there are corresponding options for performing abatement (long term) fixes and interim control (shorter term) fixes. The client and/or their representative need to select the appropriate and affordable solution to address each of the identified hazards.				
Side D window sill represents a deteriorated lead paint surface hazard	Critical	Restrict Access	1) Remove and replace with new window sill or, 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Side B door casing represents a deteriorated lead paint surface hazard	Critical	Restrict Access	1) Remove and replace with new door casing or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Side C closet door casing represents a deteriorated lead paint surface hazard	Critical	Restrict Access	1) Remove and replace with new door casing or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
All flooring represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace flooring or, 2) Enclose permanently with wood, tile, linoleum, or other suitable flooring material and seal all edges or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	1) Use wear reduction treatments (liners, tread covers, carpeting, etc.) to reduce wear or 2) Wet scrape all remaining surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 616 Bed Room #16				

Executive Summary Existing Lead Based Paint Hazards including Abatement and Interim Control Options				
Client	Global Environmental Engineering			
Survey Location:	616&618 University Ave., Flint, MI 48503			
Survey Date:	10/05/10			
Inspector:	Matt Duncan			
The items listed here represent the lead based paint hazards found at this building/site. For each identified hazard, there are corresponding options for performing abatement (long term) fixes and interim control (shorter term) fixes. The client and/or their representative need to select the appropriate and affordable solution to address each of the identified hazards.				
All closet baseboards represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new baseboards, or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Closet door casing interior represents a deteriorated lead paint surface hazard	Critical	Restrict Access	1) Remove and replace with new door casing or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Side C window sill and side D window casing and window sill represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new window casings and sills or, 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
All flooring represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace flooring or, 2) Enclose permanently with wood, tile, linoleum, or other suitable flooring material and seal all edges or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	1) Use wear reduction treatments (liners, tread covers, carpeting, etc.) to reduce wear or 2) Wet scrape all remaining surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 616 Second Floor Stair Room #17				
All stair treads, stair risers, and side D stair stringer represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new stair system or 2) Enclose permanently with wood, tile, linoleum, or any other suitable material and seal all seams or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	1) Use wear reduction treatments (liners, tread covers, carpeting, etc.) to reduce wear or 2) Wet scrape all remaining surfaces, make necessary repairs, stabilize all surfaces and repaint.

Executive Summary Existing Lead Based Paint Hazards including Abatement and Interim Control Options				
Client	Global Environmental Engineering			
Survey Location:	616&618 University Ave., Flint, MI 48503			
Survey Date:	10/05/10			
Inspector:	Matt Duncan			
The items listed here represent the lead based paint hazards found at this building/site. For each identified hazard, there are corresponding options for performing abatement (long term) fixes and interim control (shorter term) fixes. The client and/or their representative need to select the appropriate and affordable solution to address each of the identified hazards.				
Side D baseboards represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new baseboards, or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Side B railing system base represents a deteriorated lead paint surface hazard.	Critical	Restrict Access	1) Remove and replace with new railing systems, or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 616 Hallway Room #18				
Sides B and D door casings represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new door casings or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 616 Living Room #19				
All door casings represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new door casings or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.

Executive Summary Existing Lead Based Paint Hazards including Abatement and Interim Control Options				
Client	Global Environmental Engineering			
Survey Location:	616&618 University Ave., Flint, MI 48503			
Survey Date:	10/05/10			
Inspector:	Matt Duncan			
The items listed here represent the lead based paint hazards found at this building/site. For each identified hazard, there are corresponding options for performing abatement (long term) fixes and interim control (shorter term) fixes. The client and/or their representative need to select the appropriate and affordable solution to address each of the identified hazards.				
Side D window casing and window sill represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new window casings and sills or, 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 616 Dining Room #20				
Side B window casing represents a deteriorated lead paint surface hazard	Critical	Restrict Access	1) Remove and replace with new window casings or, 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Side B baseboards represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new baseboards, or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 616 Kitchen Room #21				
Side D window casing and window sill represents deteriorated lead paint surface hazards	Critical	Restrict Access	1) Remove and replace with new window casings and sills or, 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Unit 616 Basement Room #23				

Executive Summary Existing Lead Based Paint Hazards including Abatement and Interim Control Options				
Client	Global Environmental Engineering			
Survey Location:	616&618 University Ave., Flint, MI 48503			
Survey Date:	10/05/10			
Inspector:	Matt Duncan			
The items listed here represent the lead based paint hazards found at this building/site. For each identified hazard, there are corresponding options for performing abatement (long term) fixes and interim control (shorter term) fixes. The client and/or their representative need to select the appropriate and affordable solution to address each of the identified hazards.				
All support columns represents deteriorated lead paint surface hazards.	Critical	Restrict Access	1) Enclose by wrapping with appropriate materials and seal all seams or 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Remove and replace individual lead painted columns or 4) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.
Side A bookcase/shelving units represents deteriorated lead paint surface hazards.	Critical	Restrict Access	1) Remove and replace with new shelving units or, 2) Wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulate or 3) Strip all surfaces bare to the substrate (either chemically, using a heat gun not exceeding 1100 degrees F, or mechanical wet methods), make necessary repairs and recoat.	Wet scrape / sand all surfaces, make necessary repairs, stabilize all surfaces and repaint.

WILCO ENVIRONMENTAL

During the course of this multi-family lead combination investigation:

Lead Based Paint was identified on some components

Lead Based Paint Hazards were identified in some areas

II.) PURPOSE AND SCOPE OF WORK

Attached here within are the results of a multi-family lead based paint (LPB) combination inspection and risk assessment (combination survey) performed by Matt Duncan of ETC - Environmental Services / Wilco Environmental, Inc. (ETC / Wilco). This multi-family combination survey was performed for Global Environmental Engineering at the residential units known as Vacant Residential Duplex located at 616 & 618 University Avenue in Flint, MI 48503. The site work was performed on October 5, 2010 by Matt Duncan. Matt Duncan is an EPA certified lead risk assessor and has completed the manufacturer's training course regarding radiation safety and x-ray measurement technology.

The purpose of a lead combination survey is to identify any existing lead paint and/or lead hazards that might exist within the residential units The process of identifying all lead based paint in a residence is referred to as a lead inspection while identifying all lead hazards in a residence is a risk assessment. It has become common in the industry to perform both of these services at one time and this is referred to as a lead combination survey. Although this report represents both services, for the purposes of discussion, we will discuss the methods and goals of inspections and risk assessments separately.

A. Lead Inspections

ETC / Wilco's inspection started by breaking down the dwelling into separate functional areas. For the testing of paint, each functional area was then broken down into different building components, according to the various colors and substrates. Samples were collected using a X-Ray Fluorescence (XRF) analyzer. The XRF uses radioactive cadmium to determine the amount of lead located within each surface tested. At the time of this report, HUD has defined Lead-Based Paint (LBP) as paint with an average concentration of 1.0 mg/cm^2, or greater using the XRF technology. Test results for this residence that can be compared against the HUD and EPA standards can be found in Appendix A.

In cases where the XRF detected LBP and the paint was in poor condition (cracked, peeling, chalking, etc.) the inspector may recommended further testing be done. Additional samples such as dust wipes, vacuum samples, air samples or soil samples may be warranted in the areas where the paint is poor condition.

B. Lead Risk Assessments

A lead risk assessment attempts to identify lead hazards that may exist within a residence. Lead hazards are defined in an important lead regulation called Title X, the Title X definition includes the following six items:

1. Lead paint that is deteriorated (flaking, chipped, peeling, etc.) in poor condition as defined by Title X.

2. Lead paint on a friction surface (i.e. rubbing doors, sliding windows, etc.) where associated dust levels exceed safe limits.

3. Lead paint on an impact surface (i.e. door jambs, stair treads, etc.) where the impact is caused by another building component.

4. Lead paint on a chewable surface (i.e. window sills, shelves, etc.) where there is visible evidence of teeth marks.

5. Lead contaminated dust where levels exceed safe limits.

6. Lead contaminated soils where levels exceed safe limits.

A lead risk assessment attempts to identify hazards by taking a series of dust, soil and deteriorated paint samples and comparing them to associated limits developed by HUD and EPA.

C. Project Limitations and Problems

Throughout the course of any LBP combination there can be a number of problems including: areas or surfaces that could not be tested, inaccessible areas, locked doors, problems due to inclement weather, etc. During this multi-family combination survey there may have been materials or items that could not be tested or sampled. These materials must be assumed to be lead based paint and treated as such. The items / materials that could not be tested and must therefore be assumed to be lead painted include:

- All items and materials were accessible and therefore, no materials need to be assumed to be lead based paint.

There may have also been unusual circumstances for this project that may have affected the project. The unusual circumstances existing at Vacant Residential Duplex included:

- Overall condition of the house is poor condition, House exterior is wood, windows are wood and aluminum, basement windows are wood, Living rooms Side A has a fixed, non-opening window present
- Entry doors are steel pre-hung, wood pre-hung and wood slab
- Garage exterior is wood, windows are wood and entry doors are wood pre-hung and the garage over-head door was missing
- Other special site information includes—Lead solder splatter and dust from melting activity in Bedroom 9 (See photos)

- X-Ray Fluorescence (XRF) is a non-destructive type of paint testing. Inspectors do not remove items that are fastened shut, down, together or otherwise made to impede access. Drop ceiling tiles, furniture, equipment, and other items are not removed by the inspectors, those areas should be made to be accessible to the inspector by the building owner. Excessive storage conditions, deferred cleaning practices, and unsafe building conditions could be cause for a building component to not be tested. If a building component is present but does not show up on the inspection report it should be considered to be lead painted unless it was installed after 1978 or has a factory finish on it.

- It is also possible that wall hangings, flags, banners, pictures wall shelving units and large furniture may hide damage to wall surfaces. If those items are covering up damage, it could change the classification of that component from intact or fair to poor. If this is the case, treat those damaged surfaces as though they are a hazard.

- Bare soil areas will change with usage, weather and other factors beyond the control of the risk assessor who wrote this report.

III.) REGULATORY INFORMATION

A. Department of Housing and Urban Development (HUD) Regulations

By recognizing lead based paint (LBP) as a potential health hazard, HUD became the lead federal agency in the identification of lead hazards and has the primary responsibility to regulate LBP in Public or Indian housing. HUD has generated guidelines and performed extensive research to develop comprehensive requirements for LBP inspections, risk assessments and lead abatement or removal activities. These guidelines are enforceable in Public or Indian housing projects or any other project where HUD funds are dispersed. This includes most community development block grant (CDBG) funds as well as other housing assistance as provided by HUD, VA, etc. These methods represent the "State of the Art" technology for lead activities. At this point, EPA has developed similar rules that are in force in all housing and child occupied facilities and are enforced on a State by State basis.

If the work to be completed on this project is federally, state or locally funded, it is likely the full HUD regulations will apply. HUD program requirements for most projects are determined by the amount of money spent on the project. In general the requirements are:

For all projects where the rehabilitation costs will be between $0 - $25,000 (per unit)

Global Environmental Engineering or their contractors (as you determine) may choose any combination of the following three (3) options to address the hazards found in the executive summary.

- all interim control options
- some interim controls and some abatement options
- or all abatement options

Also, please note that anytime even one abatement option is chosen, the contractor and their employees must be fully certified licensed through the State of Michigan – Lead Program to perform any abatement work.

For all projects where the rehabilitation costs will exceed $25,000 (per unit)

In this case, Global Environmental Engineering or their contractors (as you determine) must chose ONLY abatement options to address the hazards identified.

This has serious repercussions for Global Environmental Engineering as abatement options are almost always more expensive than interim controls and this price difference between $24,999 and $25,001 may require large extra lead expenses to the program costs for this property. *You may wish to share this information with all of your selected contractors so they better understand the potential cost increases when their bid price exceeds $25,000.*

Please note, this is only a general outline and the HUD regulations are very complex. For instance some costs on a project (i.e. the initial risk assessment and fin al clearance) may not count toward the rehabilitation costs. For further information, refer to the HUD guidelines or contact a ETC / Wilco representative.

B. Environmental Protection Agency (EPA):

The EPA has generated significant rules affecting lead in homes and child occupied facilities. The three most important are (1) the real estate disclosure rule, (2) the lead renovation rule and (3) the training and abatement rule. The real estate disclosure act requires any home seller or realtor to pass out an informational pamphlet and discuss lead issues prior to selling, leasing or renting a housing unit. Similarly, the lead renovation rule requires the contractor performing renovation activities in “child occupied facilities” or “target housing” to pass out the same informational pamphlet required in the real estate act, educate the owner in lead issues, train all their employees in an 8 hour lead class and follow lead safe work practices throughout the project. This purpose of this regulation is to insure residents have the opportunity to ask questions about lead exposure prior to renovation activities disturbing painted surfaces.

The other EPA rule establishes training, certification, and minimum work practices for any work performed in “child occupied facilities” or “target housing”. At this point, any lead **interim control or abatement** activities must be conducted by trained, certified personnel who are licensed in Michigan and follow the minimum work practices outlined in this regulation.

C. Occupational Safety and Health Administration (OSHA):

Additionally, OSHA has established regulations to prevent high lead exposure to employees working in lead related occupations. Along with establishing a permissible exposure limit (PEL), OHSA, working with the National Institute for Occupational Safety and Health (NIOSH), has mandated engineering, work practice and administrative controls to protect the worker. The current PEL at the time of this report is a concentration no greater than 50 micrograms per cubic meter of air.

IV.) SAMPLE RESULTS AND INFORMATION

A. Lead Paint Sampling

Lead paint sample results are contained in Appendix B (provided on a unit by unit basis). All types of painted surfaces were tested using X-Ray fluorescence (XRF) technologies. XRF uses gamma photons from a sealed irradiation source to strike the atoms within the painted surface. Most commonly, an isotope of cobalt or cadmium is used to produce gamma photons. Because the source is radioactive, training and certification is required to operate an XRF lead analyzer. All inspectors have received the EPA three day lead inspection training and the manufacturer’s XRF training. The radiation safety officer for ETC / Wilco is Jeremy Westcott.

The serial number of the XRF instrument utilized in this project was 25239. These instruments are registered as radioactive materials with the State of Michigan Department of Environmental Quality. The registration number for these instruments is 031070-01-l01. ETC / Wilco's representatives handle and operate the XRF instrument in accordance with the manufacturers' directives and methods described in the HUD Guidelines.

ETC / Wilco's lead testing results are applicable for the time that testing was conducted and for the condition of surfaces at the time they were tested. If questions arise regarding lead content on surfaces that were not tested (or were inaccessible) by ETC / Wilco, then additional testing services should be solicited to test those surfaces for lead.

B. Lead Dust Sampling

For combination surveys, lead dust sampling is required in areas where children are most likely to come into contact with dust. Areas for consideration include: children's bedroom(s), family rooms, play rooms, kitchens, bathrooms, etc. Lead dust samples are to be taken from at least six different rooms with samples from both the floor and either a window sill or window well within each room.

Current limits for lead dust samples taken during combination surveys are as follows in micrograms per square foot (ug/ft^2):

	Floors	Window Sills	Window Wells	Ext. Concrete
HUD	40	250	400	800
EPA	40	250	400	800
OSHA	~9000	~9000	~9000	~9000

Please refer to Appendix F for dust samples results on a unit by unit basis.

Any high dust levels noted within Appendix F represent lead hazards and are included in the hazard charts in the Executive Summary. These charts detail the lead dust problems identified (or lack thereof) within this residence. *Please keep in mind that if lead dust samples were not taken in each room of the residence the samples that were taken will be used to represent overall conditions in the residence.* This means that areas that were not individually sampled may be listed as having problems based upon the sampling that was conducted in other areas.

C. Lead Soil Sampling

Lead soil sampling is required in areas where bare exposed soil is present around the building and the yard. Areas for consideration include: building perimeter, gardens, play areas, driveways, etc. Lead soil samples will only be taken if bare exposed soils exist. Sampling usually involves three areas: play areas where children are likely to come in contact with soil, the perimeter of the home (i.e. gardens, etc.) and other non-play areas of the yard where contact is less likely.

Current limits for lead soil samples taken during combination surveys are as follows in parts per million (ppm):

	Play Areas	Building Perimeter or Other Areas of Yard
HUD	400	1200
EPA	400	1200

Actual soil results for the Vacant Residential Duplex building can be found in the chart below. Any sample above the allowable regulatory limit is in bold.

	Location	Results (parts per million)
SS-1	**Perimeter of Building @ Unit 616 University Ave.**	**13860**
SS-2	Other areas of the Yard (Non-play) @ 616 University Ave.	472
SS-3	**Perimeter of Building @ Unit 618 University Ave.**	**3576**

Any high soil levels noted here represent lead hazards and are included in the hazard charts in the Executive Summary. This chart details the lead soil problems identified (or lack thereof) within this building. Please keep in mind that lead soil samples are composite samples where a small portion is taken from four or five different locations to make up the one sample. Therefore the results of this one sample represent all of the different areas where the separate pieces were acquired. Play areas and non-play areas should never be mixed in the same sample

V.) HAZARD CONTROL OPTION RECOMMENDATIONS

Types of hazards that may have been identified during the lead combination include both identified hazards and potential hazards. Identified hazards include paint, dust and soil hazards that fit the six (6) hazard definitions of HUD and the EPA detailed above. For each identified hazard, hazard control options (recommendations) are given to explain how to address any problems identified in the sampling. In the case of the Vacant Residential Duplex property, hazard control options can be found in the Executive Summary Chart.

Potential hazards are areas of the residence where the occupant or owner may be completing renovation activities in the future. If future renovation activities were identified, these areas were sampled using the XRF instrument to determine lead content. If the paint in these areas was found to be above 1.0 $^{mg}/_{cm^2}$, they were listed as potential hazards. This is required as the up-coming renovation activities will likely disturb the paint and possibly create lead based dust hazards that do not currently exist. It is critical that the homeowner (or selected renovation contractor) follow "lead safe work practices" when working on the potential hazards to avoid creating lead dust hazards. A list of potential hazards identified during the combination can be found in Appendix C.

VI.) RE-EVALUATION RECOMMENDATIONS

Anytime lead paint or hazards remain in the building and are not completely removed, the risk assessor is required to make recommendations for re-evaluating the building. This is the recommended time when the homeowner should hire a certified risk assessor to determine whether (1) conditions at the home have changed possibly causing additional hazards, (2) the initial hazard control options implemented have been effective or (3) if further work is warranted. The frequency of re-evaluations recommended is dependent on both the risk assessment results and the hazard control options that are chosen and implemented.

At the time of producing this risk assessment, the risk assessor can only be sure of the current conditions, but can not know for sure which hazard control options will be selected. For this reason, ETC / Wilco has chosen to include a re-evaluation chart in Appendix G. To determine the re-evaluation frequency recommended for this building, please refer to this chart and reference Schedule 4 & 7 as given in the chart. This schedule was chosen based upon the results of the initial risk assessment. After finding the appropriate schedule, the homeowner / building manager / owner will need to know which hazard control options were conducted. By knowing the appropriate schedule (Schedule 4 & 7) and the hazard control selected (chosen by the owner) you can determine the recommended re-evaluation frequency.

If you do not wish to follow the chart, you can opt to follow the most stringent re-evaluation frequency that would be to re-evaluate at: 6 months, then 1 year then 2 years.

VII.) COST ESTIMATE

HUD and EPA regulations require the risk assessor to provide cost estimates for possible work to be completed. Below find a rough estimate of costs associated with lead remediation activities.

Encapsulation	$3.50 sq. ft.	Enclosure wood	$4.00 sq. ft.
Wet plane friction	$2.75 sq. ft.	Enclosure metal	$5.00 sq. ft.
and impact points	$2.50 sq. ft.	Enclosure drywall	$2.50 sq. ft.
Wet scrape and repaint	$2.00 sq. ft.	Door replacement	$750.00 each.
Window replacement	$500 each	Soil abatement	$10.00 sq. ft
Dust removal-clean up cost	$1.25 sq. ft.	Component replacement	5 times material

VII.) RECOMMENDATIONS FOR FUTURE OPERATIONS AND MAINTENANCE

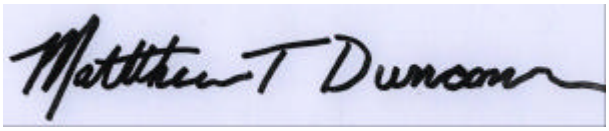
It is very important to note that future disturbance of lead painted surfaces may cause new and additional lead hazards. Homeowners, building managers and landlords are expected to follow “lead safe work practices” any time that a lead painted surface is disturbed. This means making sure very little dust is generated (i.e. wet sanding not dry sanding), not burning lead painted items, cleaning up thoroughly after work, etc.

In order to provide guidance for the owners, managers and landlords when conducting renovation, maintenance or potential future disturbance of painted surfaces, they should refer to an excellent manual developed by HUD titled “Lead Paint Safety: A Field Guide for Painting, Home Maintenance, and Renovation Work”. This manual can be found for free on the Internet at http://www.hud.gov/offices/lead/training/LBPguide.pdf. Please download a copy of this manual before disturbing any painted surfaces within the building. If access to the Internet is not available, you may order a copy at 1-800-424-5323.

If you have any questions not answered by this manual, please contact our office at (734) 955-6600. Thank you.

This report reviewed and submitted by

ETC - Environmental Services *Wilco Environmental Inc.*



Matt Duncan (Cert. # P-03345)
EPA / Michigan Certified Risk Assessor

APPENDIX A

All Paint Sample Results
(One set for the grounds, exterior and common areas and one set for each unit tested)

APPENDIX A
All Paint Samples Taken - In Order Sampled
Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client			Global Environmental Engineering								
Survey Location:			616&618 University Ave., Flint, MI 48503								
Survey Date:			10/05/10								
Inspector:			Matt Duncan		***License #***	*P-03345*			***Job#***	*134308*	
Sample #	**Floor**	**Wall / Side**	**Room and #**	**Component**	**Substrate**	**Visual Condition**	**Color**	**Note**	**Depth Index**	**Result**	**$^{mg}/_{cm^2}$ +/- Precision**
1										**Positive**	**6.31 +/- 0**
2			**CALIBRATE**						**1.09**	**Positive**	**1.1 +/- 0.1**
3			**CALIBRATE**						**1.17**	**Positive**	**1.2 +/- 0.1**
4			**CALIBRATE**						**1.11**	**Positive**	**1.1 +/- 0.1**
5	First	A	Living Room 1	Wall	Plaster	POOR	Green		1.78	Negative	0.23 +/- 0.14
6	First	B	Living Room 1	Wall	Plaster	POOR	Green		1.92	Negative	0.21 +/- 0.19
7	First	C	Living Room 1	Wall	Plaster	POOR	Green		1.28	Negative	0.14 +/- 0.1
8	First	D	Living Room 1	Wall	Plaster	POOR	Green		2.89	Negative	0.4 +/- 0.3
9	First	Ceiling	Living Room 1	Ceiling	Paneling	INTACT	White		1	Negative	0 +/- 0.02
10	First	All	Living Room 1	Crown Molding	Wood	INTACT	White		1	Negative	0 +/- 0.03
11	**First**	**C**	**Living Room 1**	**Baseboard**	**Wood**	**POOR**	**Green**		**4.12**	**Positive**	**15.7 +/- 11.7**
12	**First**	**B**	**Living Room 1**	**Baseboard**	**Wood**	**POOR**	**Green**		**4.12**	**Positive**	**14.1 +/- 11.6**
13	**First**	**D**	**Living Room 1**	**Baseboard**	**Wood**	**POOR**	**Green**		**3.29**	**Positive**	**16.9 +/- 12.5**
14	**First**	**A**	**Living Room 1**	**Baseboard**	**Wood**	**POOR**	**Brown**		**4.71**	**Positive**	**18.9 +/- 13**
15	**First**	**A**	**Living Room 1**	**Win. Casing**	**Wood**	**FAIR**	**Brown**		**4.77**	**Positive**	**19.1 +/- 13.1**
16	**First**	**A**	**Living Room 1**	**Win. Sill/Stool**	**Wood**	**FAIR**	**Brown**		**5.64**	**Positive**	**21.8 +/- 14.5**
17	**First**	**A**	**Living Room 1**	**Win. Sash**	**Wood**	**FAIR**	**Brown**		**2.97**	**Positive**	**14.3 +/- 10.8**
18	**First**	**D**	**Living Room 1**	**Win. Sash**	**Wood**	**FAIR**	**Brown**		**4.57**	**Positive**	**16 +/- 11.8**
19	**First**	**D**	**Living Room 1**	**Win. Casing**	**Wood**	**FAIR**	**Brown**		**4.14**	**Positive**	**19.9 +/- 13.6**
20	**First**	**D**	**Living Room 1**	**Win. Sill/Stool**	**Wood**	**FAIR**	**Brown**		**3.32**	**Positive**	**13.5 +/- 11.1**
21	First	B	Living Room 1	Door	Wood	FAIR	Clear / Stain		1	Negative	0.03 +/- 0.08
22	**First**	**B**	**Living Room 1**	**Door Casing**	**Wood**	**FAIR**	**Brown**		**1.82**	**Positive**	**7.9 +/- 5.3**
23	**First**	**B**	**Living Room 1**	**Door Jamb**	**Wood**	**FAIR**	**Brown**		**2.42**	**Positive**	**3.6 +/- 2**
24	**First**	**C**	**Living Room 1**	**Door Jamb**	**Wood**	**FAIR**	**Brown**		**4.11**	**Positive**	**19.9 +/- 13.5**
25	**First**	**C**	**Living Room 1**	**Door Casing**	**Wood**	**FAIR**	**Brown**		**3.8**	**Positive**	**10.1 +/- 5.9**
26	**First**	**A**	**Dining Room 2**	**Door Stop**	**Wood**	**POOR**	**White**		**2.63**	**Positive**	**14.9 +/- 11.4**
27	**First**	**A**	**Dining Room 2**	**Door Casing**	**Wood**	**POOR**	**Beige**		**2.63**	**Positive**	**17.1 +/- 12.3**
28	**First**	**A**	**Dining Room 2**	**Door Jamb Upper**	**Wood**	**POOR**	**Beige**		**1.8**	**Positive**	**4.2 +/- 2.8**
29	**First**	**B**	**Dining Room 2**	**Door Jamb**	**Wood**	**POOR**	**Beige**		**2.42**	**Positive**	**21.4 +/- 14**
30	**First**	**B**	**Dining Room 2**	**Door Casing**	**Wood**	**POOR**	**Beige**		**2.85**	**Positive**	**15.2 +/- 11.3**
31	**First**	**B**	**Dining Room 2**	**Door**	**Wood**	**POOR**	**Beige**		**2.46**	**Positive**	**14.3 +/- 11.1**
32	**First**	**C**	**Dining Room 2**	**Win. Casing**	**Wood**	**POOR**	**Beige**		**2.18**	**Positive**	**6.6 +/- 4.8**
33	**First**	**C**	**Dining Room 2**	**Win. Sash**	**Wood**	**POOR**	**Beige**		**2.61**	**Positive**	**8 +/- 6.3**
34	**First**	**C**	**Dining Room 2**	**Win. Sill/Stool**	**Wood**	**POOR**	**Beige**		**2.52**	**Positive**	**5.6 +/- 4.2**
35	**First**	**All**	**Dining Room 2**	**Baseboard**	**Wood**	**POOR**	**Beige**		**3.52**	**Positive**	**15.3 +/- 12**
36	**First**	**D**	**Dining Room 2**	**Door Casing**	**Wood**	**POOR**	**Beige**		**3.06**	**Positive**	**20 +/- 13.5**
37	**First**	**D**	**Dining Room 2**	**Door Jamb**	**Wood**	**POOR**	**Beige**		**2.12**	**Positive**	**17.2 +/- 12.3**

APPENDIX A
All Paint Samples Taken - In Order Sampled
Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client			Global Environmental Engineering								
Survey Location:			616&618 University Ave., Flint, MI 48503								
Survey Date:			10/05/10								
Inspector:			Matt Duncan		***License #***	*P-03345*			***Job#***	*134308*	
Sample #	**Floor**	**Wall / Side**	**Room and #**	**Component**	**Substrate**	**Visual Condition**	**Color**	**Note**	**Depth Index**	**Result**	**$^{mg}/_{cm^2}$ +/- Precision**
38	**First**	**D**	**Dining Room 2**	**Door Stop**	**Wood**	**POOR**	**Beige**		**3.2**	**Positive**	**16.4 +/- 11.9**
39	First	D	Dining Room 2	Wall	Plaster	POOR	White		1.53	Negative	0.17 +/- 0.13
40	First	A	Dining Room 2	Wall	Plaster	POOR	White		1.37	Negative	0.16 +/- 0.11
41	First	B	Dining Room 2	Wall	Plaster	POOR	White		1.47	Negative	0.06 +/- 0.09
42	First	C	Dining Room 2	Wall	Plaster	POOR	White		1.2	Negative	0.11 +/- 0.1
43	First	Floor	Dining Room 2	Floor	Wood	POOR	Clear / Stain		4.7	Negative	0.1 +/- 0.24
44	First	B	Dining Room 2	Wall	Plaster	POOR	White		1.44	Negative	0.12 +/- 0.12
45	First	Floor	Dining Room 2	Floor Register	Metal	POOR	Brown		1	Negative	0.19 +/- 0.2
46	First	Floor	Dining Room 2	Floor	Wood	POOR	Clear / Stain		6.36	Negative	0.1 +/- 0.44
47	First	Floor	Living Room 1	Floor Register	Metal	POOR	Black		1	Negative	0 +/- 0.03
48	**First**	**Ceiling**	**Dining Room 2**	**Ceiling**	**Plaster**	**POOR**	**White**		**4.68**	**Positive**	**2.3 +/- 1.2**
49	**First**	**Ceiling**	**Kitchen 3**	**Ceiling**	**Plaster**	**POOR**	**White**		**3.7**	**Positive**	**1.5 +/- 0.3**
50	First	A	Kitchen 3	Wall	Plaster	POOR	Purple		3.45	Negative	0.02 +/- 0.08
51	First	D	Kitchen 3	Wall	Plaster	POOR	Purple		2.15	Negative	0.01 +/- 0.03
52	First	C	Kitchen 3	Wall	Plaster	POOR	Purple		1.41	Negative	0.01 +/- 0.03
53	First	B	Kitchen 3	Wall	Plaster	POOR	Purple		1	Negative	0 +/- 0.02
54	**First**	**B**	**Kitchen 3**	**Win. Casing**	**Wood**	**POOR**	**Purple**		**8.23**	**Positive**	**4.5 +/- 2.5**
55	**First**	**B**	**Kitchen 3**	**Win. Sash**	**Wood**	**POOR**	**Purple**		**7.63**	**Positive**	**17.9 +/- 12.5**
56	**First**	**B**	**Kitchen 3**	**Win. Sill/Stool**	**Wood**	**POOR**	**Purple**		**5.3**	**Positive**	**11.5 +/- 9.9**
57	**First**	**C**	**Kitchen 3**	**Win. Sill/Stool**	**Wood**	**POOR**	**Purple**		**10**	**Positive**	**20.2 +/- 13.5**
58	First	C	Kitchen 3	Win. Sash	Wood	POOR	Purple		7.72	Negative	0.3 +/- 0.53
59	**First**	**C**	**Kitchen 3**	**Win. Sash**	**Wood**	**POOR**	**Purple**		**4.75**	**Positive**	**13.9 +/- 10.3**
60	**First**	**C**	**Kitchen 3**	**Win. Casing**	**Wood**	**POOR**	**Purple**		**10**	**Positive**	**3.6 +/- 2.3**
61	**First**	**C**	**Kitchen 3**	**Door Casing**	**Wood**	**POOR**	**Purple**		**6.06**	**Positive**	**4.6 +/- 2.4**
62	First	C	Kitchen 3	Door	Wood	FAIR	Purple		1	Negative	0.01 +/- 0.05
63	**First**	**C**	**Kitchen 3**	**Door Jamb**	**Wood**	**POOR**	**White**		**4.44**	**Positive**	**2.3 +/- 1.2**
64	**First**	**A**	**Kitchen 3**	**Door Jamb**	**Wood**	**POOR**	**White**		**3.06**	**Positive**	**3 +/- 1.2**
65	**First**	**A**	**Kitchen 3**	**Door Casing**	**Wood**	**POOR**	**Purple**		**4.73**	**Positive**	**3.1 +/- 1.5**
66	**First**	**D**	**Kitchen 3**	**Door Casing**	**Wood**	**POOR**	**Purple**		**4.83**	**Positive**	**3.8 +/- 1.8**
67	**First**	**D**	**Kitchen 3**	**Door Stop**	**Wood**	**POOR**	**Brown**		**8.82**	**Positive**	**16.4 +/- 11.7**
68	**First**	**D**	**Kitchen 3**	**Door**	**Wood**	**POOR**	**Brown**		**5**	**Positive**	**19.1 +/- 13.5**
69	**First**	**A**	**Kitchen 3**	**Door**	**Wood**	**POOR**	**Purple**		**6.14**	**Positive**	**16.4 +/- 11.7**
70	First	A	Kitchen 3	Cabinet	Wood	INTACT	Purple		1	Negative	0 +/- 0.02
71	First	A	Kitchen 3	Cabinet door	Wood	INTACT	Purple		1.15	Negative	0 +/- 0.03
72	First	A	Kitchen 3	Cabinet in	Wood	INTACT	Yellow		1	Negative	0 +/- 0.03
73	**Basement**	**B**	**Stair 4**	**Door Jamb**	**Wood**	**POOR**	**Yellow**		**3.18**	**Positive**	**3.4 +/- 2.2**
74	**Basement**	**B**	**Stair 4**	**Door Stop**	**Wood**	**POOR**	**Yellow**		**2.55**	**Positive**	**3.7 +/- 2.3**
75	**Basement**	**C**	**Stair 4**	**Door Jamb**	**Wood**	**POOR**	**Yellow**		**1.68**	**Positive**	**3.3 +/- 2.2**

APPENDIX A
All Paint Samples Taken - In Order Sampled
Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client			Global Environmental Engineering								
Survey Location:			616&618 University Ave., Flint, MI 48503								
Survey Date:			10/05/10								
Inspector:			Matt Duncan		***License #***	*P-03345*			***Job#***	*134308*	
Sample #	**Floor**	**Wall / Side**	**Room and #**	**Component**	**Substrate**	**Visual Condition**	**Color**	**Note**	**Depth Index**	**Result**	**$^{mg}/_{cm^2}$ +/- Precision**
76	**Basement**	**C**	**Stair 4**	**Door Stop**	**Wood**	**POOR**	**White**		**2.46**	**Positive**	**3.2 +/- 1.8**
77	Basement	C	Stair 4	Stair Riser	Wood	POOR	Grey		1.35	Negative	0.13 +/- 0.2
78	**Basement**	**Floor**	**Stair 4**	**Floor**	**Wood**	**POOR**	**Grey**		**1.6**	**Positive**	**3.1 +/- 1.7**
79	Basement	Floor	Stair 4	Stair Tread	Wood	POOR	Grey		1.28	Negative	0.11 +/- 0.18
80	Basement	Floor	Stair 4	Stair Tread	Wood	POOR	Grey		2.87	Negative	0.4 +/- 0.3
81	Basement	Floor	Stair 4	Stair Tread	Wood	POOR	Grey		1.36	Negative	0.25 +/- 0.28
82	**Basement**	**C**	**Stair 4**	**Door Header**	**Wood**	**POOR**	**Yellow**		**1.69**	**Positive**	**2.4 +/- 1.2**
83	Basement	Ceiling	Stair 4	Ceiling	Plaster	INTACT	Yellow		1	Negative	0 +/- 0.03
84	Basement	D	Stair 4	Wall	Plaster	FAIR	Yellow		1	Negative	0 +/- 0.02
85	Basement	B	Stair 4	Wall	Plaster	FAIR	Yellow		1.43	Negative	0.01 +/- 0.04
86	Basement	B,D	Stair 4	Stair Stringer	Wood	FAIR	Grey		1.09	Negative	0.21 +/- 0.23
87	Basement	B	Stair 4	Win. Casing	Wood	POOR	Grey		1.49	Negative	0.4 +/- 0.4
88	**Basement**	**B**	**Stair 4**	**Win. Casing**	**Wood**	**POOR**	**Grey**		**2.29**	**Positive**	**1.5 +/- 0.4**
89	Basement	B	Basement 5	Win. Sash	Wood	POOR	Grey		1.67	Negative	0.6 +/- 0.3
90	Basement	B	Basement 5	Win. Sash	Wood	POOR	Grey		1.31	Negative	0.08 +/- 0.16
91	**Basement**	**B**	**Basement 5**	**Win. Sash**	**Wood**	**POOR**	**Grey**		**2.05**	**Positive**	**1 +/- 0.1**
92	**Basement**	**B**	**Basement 5**	**Win. Casing**	**Wood**	**POOR**	**Grey**		**2.39**	**Positive**	**1.1 +/- 0.1**
93	Basement	B	Basement 5	Wall	Concrete	POOR	White		1.35	Negative	0 +/- 0.02
94	Basement	A	Basement 5	Wall	Concrete	POOR	White		1	Negative	0 +/- 0.02
95	**Basement**	**D**	**Basement 5**	**Wall**	**Cinder Block**	**FAIR**	**White**		**2.46**	**Positive**	**2.7 +/- 1.1**
96	Basement	C	Basement 5	Wall	Cinder Block	POOR	Black		1	Negative	0 +/- 0.02
97	Basement	Center	Basement 5	Column	Wood	FAIR	Black		1	Negative	0.02 +/- 0.07
98	**First**	**All**	**Entry 6**	**Baseboard**	**Wood**	**POOR**	**Green**		**2.51**	**Positive**	**3.3 +/- 1.9**
99	**First**	**D**	**Entry 6**	**Door Casing**	**Wood**	**POOR**	**Green**		**3.03**	**Positive**	**4.8 +/- 2.8**
100	**First**	**D**	**Entry 6**	**Door Jamb**	**Wood**	**POOR**	**Green**		**2.92**	**Positive**	**4.4 +/- 2.6**
101	First	D	Entry 6	Door	Wood	POOR	Clear / Stain		1.75	Negative	0.16 +/- 0.26
102	**First**	**A**	**Entry 6**	**Door**	**Wood**	**POOR**	**Green**		**2.71**	**Positive**	**18.1 +/- 12.8**
103	**First**	**A**	**Entry 6**	**Door Casing**	**Wood**	**POOR**	**Green**		**3.04**	**Positive**	**3.9 +/- 2.4**
104	**First**	**A**	**Entry 6**	**Door Threshold**	**Wood**	**POOR**	**Grey**		**2.15**	**Positive**	**1 +/- 0.3**
105	**First**	**A**	**Entry 6**	**Door Threshold**	**Wood**	**POOR**	**Grey**		**1.38**	**Positive**	**5 +/- 3.6**
106	**First**	**A**	**Entry 6**	**Door Jamb**	**Wood**	**POOR**	**Black**		**1**	**Positive**	**2.6 +/- 1.5**
107	**First**	**A**	**Entry 6**	**Door Jamb ext.**	**Wood**	**POOR**	**White**		**2.69**	**Positive**	**15.2 +/- 11.4**
108	**First**	**A**	**Entry 6**	**Door ext.**	**Wood**	**POOR**	**White**		**3.62**	**Positive**	**15.7 +/- 11.9**
109	**First**	**A**	**Entry 6**	**Door Jamb**	**Wood**	**INTACT**	**White**		**6.39**	**Positive**	**1.5 +/- 0.5**
110	**First**	**A**	**Entry 6**	**Win. Casing**	**Wood**	**POOR**	**Green**		**2.29**	**Positive**	**3.3 +/- 1.8**
111	**First**	**A**	**Entry 6**	**Win. Sash**	**Wood**	**POOR**	**Green**		**2.63**	**Positive**	**3.2 +/- 1.9**
112	**First**	**A**	**Entry 6**	**Win. Sill/Stool**	**Wood**	**POOR**	**Green**		**2.84**	**Positive**	**3.7 +/- 2.2**
113	First	A	Entry 6	Wall	Plaster	POOR	Beige		1.23	Negative	0.03 +/- 0.04

APPENDIX A
All Paint Samples Taken - In Order Sampled
Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client	Global Environmental Engineering
Survey Location:	616&618 University Ave., Flint, MI 48503
Survey Date:	10/05/10

Inspector:	Matt Duncan	***License #***	*P-03345*	***Job#***	*134308*

Sample #	Floor	Wall / Side	Room and #	Component	Substrate	Visual Condition	Color	Note	Depth Index	Result	$^{mg}/_{cm}{}^{2}$ +/- Precision
114	First	D	Entry 6	Wall	Plaster	POOR	Beige		1.94	Negative	0.04 +/- 0.08
115	First	C	Entry 6	Wall	Plaster	POOR	Beige		1	Negative	0 +/- 0.02
116	First	B	Entry 6	Wall	Plaster	POOR	Beige		2	Negative	0.01 +/- 0.03
117	First	Floor	Entry 6	Floor Register	Metal	POOR	White		2.57	Negative	0.09 +/- 0.23
118	First	Ceiling	Entry 6	Ceiling	Plaster	POOR	White		1	Negative	0 +/- 0.02
119	First	B	Attic Stair 7	Wall	Plaster	POOR	White		3.51	Negative	0.08 +/- 0.16
120	**First**	**B,A**	**Attic Stair 7**	**Baseboard**	**Wood**	**POOR**	**Green**		**2.47**	**Positive**	**4.3 +/- 2.3**
121	**First**	**B,D**	**Attic Stair 7**	**Stair Stringer**	**Wood**	**POOR**	**Brown**		**1.61**	**Positive**	**3 +/- 1.4**
122	**First**	**All**	**Attic Stair 7**	**Stair Riser**	**Wood**	**POOR**	**Brown**		**2.11**	**Positive**	**5.6 +/- 4**
123	**First**	**All**	**Attic Stair 7**	**Stair Tread**	**Wood**	**POOR**	**Brown**		**1.65**	**Positive**	**2.8 +/- 1.4**
124	**First**	**D**	**Attic Stair 7**	**Wall**	**Wood**	**FAIR**	**Brown**		**1.82**	**Positive**	**4 +/- 2.7**
125	First	D	Attic Stair 7	Railing	Wood	FAIR	Clear / Stain		1	Negative	0.03 +/- 0.08
126	First	D	Attic Stair 7	Baluster	Wood	FAIR	Clear / Stain		1.33	Negative	0.17 +/- 0.23
127	First	D	Attic Stair 7	Newel Post	Wood	FAIR	Clear / Stain		1	Negative	0.17 +/- 0.19
128	First	Floor	Attic Stair 7	Floor	Wood	POOR	Brown		1	Negative	0.05 +/- 0.1
129	Second	Floor	Attic Stair 7	Floor	Wood	POOR	Brown		1	Negative	0.04 +/- 0.1
130	Second	All	Attic Stair 7	Baseboard	Wood	FAIR	White		2.4	Negative	0.02 +/- 0.1
131	Second	B	Attic Stair 7	Win. Shutters	Wood	FAIR	Black		1	Negative	0.01 +/- 0.04
132	**Second**	**B**	**Attic Stair 7**	**Win. Sash**	**Wood**	**POOR**	**White**		**3.06**	**Positive**	**10.2 +/- 8.8**
133	**Second**	**B**	**Attic Stair 7**	**Win. Casing**	**Wood**	**POOR**	**White**		**3.78**	**Positive**	**19 +/- 13.1**
134	**Second**	**B**	**Attic Stair 7**	**Win. Sill/Stool**	**Wood**	**POOR**	**White**		**3.73**	**Positive**	**16.8 +/- 12.2**
135	Second	B	Attic Stair 7	Wall	Plaster	POOR	White		2.48	Negative	0.27 +/- 0.4
136	Second	A	Attic Stair 7	Wall	Plaster	POOR	White		1.16	Negative	0.1 +/- 0.09
137	Second	D	Attic Stair 7	Wall	Plaster	POOR	White		1.23	Negative	0.11 +/- 0.1
138	Second	C	Attic Stair 7	Wall	Plaster	POOR	White		1.8	Negative	0.04 +/- 0.08
139	Second	Ceiling	Attic Stair 7	Ceiling	Plaster	POOR	White		3.11	Negative	0.06 +/- 0.13
140	Second	Ceiling	Hallway 8	Ceiling	Plaster	POOR	White		1.53	Negative	0.02 +/- 0.05
141	Second	A	Hallway 8	Wall	Plaster	POOR	White		1	Negative	0 +/- 0.02
142	Second	D	Hallway 8	Wall	Plaster	POOR	White		1	Negative	0 +/- 0.02
143	Second	C	Hallway 8	Wall	Plaster	POOR	White		1.66	Negative	0.15 +/- 0.13
144	Second	B	Hallway 8	Wall	Plaster	POOR	White		1	Negative	0 +/- 0.02
145	**Second**	**All**	**Hallway 8**	**Baseboard**	**Wood**	**FAIR**	**White-brown**		**2.1**	**Positive**	**4.6 +/- 3.3**
146	**Second**	**All**	**Hallway 8**	**Door Casing**	**Wood**	**FAIR**	**Brown**		**2.27**	**Positive**	**4.6 +/- 3.4**
147	**Second**	**All**	**Hallway 8**	**Door Jamb**	**Wood**	**FAIR**	**Brown**		**2.51**	**Positive**	**14.9 +/- 11.2**
148	**Second**	**A**	**Hallway 8**	**Door**	**Wood**	**POOR**	**Brown**		**1.84**	**Positive**	**3.7 +/- 1.8**
149	**Second**	**D**	**Hallway 8**	**Door**	**Wood**	**POOR**	**Brown**		**2.43**	**Positive**	**16.1 +/- 11.7**
150	**Second**	**C**	**Hallway 8**	**Door**	**Wood**	**POOR**	**Brown**		**3.01**	**Positive**	**12.9 +/- 10.4**
151	**Second**	**A**	**Bedroom 9**	**Door**	**Wood**	**POOR**	**White**		**3.59**	**Positive**	**8.2 +/- 5.2**

APPENDIX A
All Paint Samples Taken - In Order Sampled
Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client			Global Environmental Engineering								
Survey Location:			616&618 University Ave., Flint, MI 48503								
Survey Date:			10/05/10								
Inspector:			Matt Duncan		***License #***	*P-03345*			***Job#***	*134308*	
Sample #	**Floor**	**Wall / Side**	**Room and #**	**Component**	**Substrate**	**Visual Condition**	**Color**	**Note**	**Depth Index**	**Result**	**$^{mg}/_{cm^2}$ +/- Precision**
152	**Second**	**A**	**Bedroom 9**	**Door Jamb**	**Wood**	**POOR**	**White**		**2.08**	**Positive**	**3.9 +/- 2**
153	**Second**	**A**	**Bedroom 9**	**Door Casing**	**Wood**	**FAIR**	**Blue**		**3.9**	**Positive**	**5.2 +/- 3.4**
154	Second	All	Bedroom 9	Crown Molding	Wood	INTACT	Blue		1	Negative	0 +/- 0.02
155	**Second**	**Center**	**Bedroom 9**	**hunk of lead**	**Metal**	**POOR**	**Grey**		**2.26**	**Positive**	**44.2 +/- 22.2**
156	**Second**	**A**	**Bedroom 9**	**Lead Splatter on Wall**	**Paneling**	**FAIR**	**White**		**1.98**	**Positive**	**25.1 +/- 16.6**
157	Second	A	Bedroom 9	Clos. Wall	Paneling	FAIR	White		1.72	Negative	0.01 +/- 0.07
158	Second	B	Bedroom 9	Wall	Plaster	FAIR	Grey		1	Negative	0 +/- 0.02
159	Second	A	Bedroom 9	Wall	Plaster	FAIR	Grey		7.42	Negative	0.07 +/- 0.18
160	Second	C	Bedroom 9	Wall	Plaster	FAIR	Grey		1.49	Negative	0.01 +/- 0.03
161	Second	D	Bedroom 9	Wall	Plaster	POOR	Grey		3.19	Negative	0.02 +/- 0.06
162	Second	D	Bedroom 9	Wall	Plaster	POOR	Grey		1	Negative	0 +/- 0.02
163	Second	Ceiling	Bedroom 9	Ceiling	Paneling	POOR	White		1	Negative	0 +/- 0.02
164	**Second**	**C**	**Bedroom 9**	**Win. Casing**	**Wood**	**FAIR**	**Grey**		**4.35**	**Positive**	**5.2 +/- 3.7**
165	**Second**	**C**	**Bedroom 9**	**Win. Sash**	**Wood**	**FAIR**	**White**		**3.75**	**Positive**	**9.5 +/- 5.7**
166	Second	C	Bedroom 9	Win. Sill/Stool	Wood	FAIR	Grey		1.49	Negative	0.07 +/- 0.16
167	Second	B	Bedroom 9	Win. Sill/Stool	Wood	POOR	White		1.57	Negative	0.13 +/- 0.22
168	**Second**	**B**	**Bedroom 9**	**Win. Casing**	**Wood**	**FAIR**	**White**		**3.23**	**Positive**	**3.4 +/- 2.2**
169	**Second**	**B**	**Bedroom 9**	**Win. Sash**	**Wood**	**FAIR**	**White**		**1.48**	**Positive**	**1.9 +/- 0.6**
170	Second	All	Bedroom 9	Baseboard	Wood	POOR	White		1	Negative	0 +/- 0.03
171	**Second**	**All**	**Bedroom 10**	**Baseboard**	**Wood**	**FAIR**	**White**		**2.58**	**Positive**	**5 +/- 3.8**
172	**Second**	**D**	**Bedroom 10**	**Wall Register**	**Wood**	**POOR**	**White**		**2.92**	**Positive**	**5.5 +/- 4.4**
173	**Second**	**C**	**Bedroom 10**	**Door**	**Wood**	**POOR**	**White**		**1.92**	**Positive**	**3.5 +/- 2.5**
174	**Second**	**C**	**Bedroom 10**	**Door Jamb**	**Wood**	**POOR**	**White**		**1.89**	**Positive**	**3.7 +/- 2.5**
175	**Second**	**C**	**Bedroom 10**	**Door Casing**	**Wood**	**FAIR**	**White**		**2.96**	**Positive**	**4.3 +/- 2.5**
176	**Second**	**B**	**Bedroom 10**	**Door Casing**	**Wood**	**FAIR**	**White**		**2.53**	**Positive**	**4.2 +/- 2.3**
177	**Second**	**B**	**Bedroom 10**	**Door Jamb**	**Wood**	**FAIR**	**White**		**3.01**	**Positive**	**4.1 +/- 2.4**
178	Second	B	Bedroom 10	Shelf Bracket	Wood	FAIR	White		1	Negative	0 +/- 0.03
179	**Second**	**A**	**Bedroom 10**	**Win. Casing**	**Wood**	**FAIR**	**White**		**3.42**	**Positive**	**4.4 +/- 2.8**
180	**Second**	**A**	**Bedroom 10**	**Win. Sash**	**Wood**	**POOR**	**White**		**2.31**	**Positive**	**3.2 +/- 1.8**
181	**Second**	**A**	**Bedroom 10**	**Win. Sill/Stool**	**Wood**	**POOR**	**White**		**3.33**	**Positive**	**2.3 +/- 1.2**
182	Second	A	Bedroom 10	Wall	Paneling	FAIR	White		3.3	Negative	0.03 +/- 0.17
183	Second	D	Bedroom 10	Wall	Paneling	FAIR	White		1	Negative	0 +/- 0.02
184	Second	C	Bedroom 10	Wall	Paneling	FAIR	White		3.5	Negative	0.02 +/- 0.14
185	Second	B	Bedroom 10	Wall	Paneling	FAIR	White		1.29	Negative	0.01 +/- 0.05
186	Second	B	Bedroom 10	Clos. Wall	Plaster	POOR	White		9.16	Negative	-0.28 +/- 1.23
187	Second	Ceiling	Bedroom 10	Ceiling	Paneling	INTACT	White		1	Negative	0 +/- 0.02
188	Second	Ceiling	Bedroom 11	Ceiling	Plaster	POOR	White		2.02	Negative	0.01 +/- 0.03
189	Second	C	Bedroom 11	Clos. Wall	Plaster	POOR	White		1.58	Negative	0.02 +/- 0.06

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Client	Global Environmental Engineering
Survey Location:	616&618 University Ave., Flint, MI 48503
Survey Date:	10/05/10

Inspector:	Matt Duncan	***License #***	*P-03345*	***Job#*** *134308*

Sample #	Floor	Wall / Side	Room and #	Component	Substrate	Visual Condition	Color	Note	Depth Index	Result	$^{mg}/_{cm^2}$ +/- Precision
190	Second	C	Bedroom 11	Wall	Plaster	POOR	Blue		1	Negative	0.01 +/- 0.02
191	Second	D	Bedroom 11	Wall	Plaster	POOR	Blue		1	Negative	0 +/- 0.02
192	Second	A	Bedroom 11	Wall	Plaster	FAIR	Blue		1	Negative	0 +/- 0.02
193	Second	B	Bedroom 11	Wall	Plaster	POOR	Blue		1	Negative	0 +/- 0.02
194	Second	B	Bedroom 11	Wall Register	Wood	POOR	White		5.9	Negative	0.3 +/- 0.47
195	Second	B	Bedroom 11	Wall Register	Wood	POOR	White		2.92	Negative	0.2 +/- 0.39
196	**Second**	**B**	**Bedroom 11**	**Door**	**Wood**	**POOR**	**Green**		**3.93**	**Positive**	**9.9 +/- 8.8**
197	**Second**	**B**	**Bedroom 11**	**Door Casing**	**Wood**	**POOR**	**Green**		**6.12**	**Positive**	**15.6 +/- 11.8**
198	**Second**	**B**	**Bedroom 11**	**Door Jamb**	**Wood**	**POOR**	**Green**		**4.13**	**Positive**	**10.3 +/- 5.9**
199	**Second**	**All**	**Bedroom 11**	**Baseboard**	**Wood**	**POOR**	**Green**		**5.1**	**Positive**	**9.5 +/- 5.6**
200	**Second**	**A**	**Bedroom 11**	**Win. Sill/Stool**	**Wood**	**POOR**	**Green**		**5.51**	**Positive**	**9 +/- 5.5**
201	**Second**	**A**	**Bedroom 11**	**Win. Sill/Stool**	**Wood**	**POOR**	**Green**		**6.45**	**Positive**	**10.8 +/- 9.1**
202	**Second**	**A**	**Bedroom 11**	**Win. Casing**	**Wood**	**POOR**	**Green**		**6.69**	**Positive**	**9.1 +/- 5.5**
203	**Second**	**A**	**Bedroom 11**	**Win. Sash**	**Wood**	**POOR**	**Green**		**5.36**	**Positive**	**10.4 +/- 8.7**
204	**Second**	**C**	**Bathroom 12**	**Win. Jamb**	**Wood**	**POOR**	**White**		**10**	**Positive**	**3 +/- 2**
205	**Second**	**C**	**Bathroom 12**	**Win. Sill/Stool**	**Wood**	**POOR**	**White**		**10**	**Positive**	**2.2 +/- 0.8**
206	**Second**	**C**	**Bathroom 12**	**Win. Well/Trough**	**Wood**	**POOR**	**Black**		**6.59**	**Positive**	**1.8 +/- 0.7**
207	**Second**	**C**	**Bathroom 12**	**Win. Casing**	**Wood**	**FAIR**	**Brown**		**7.69**	**Positive**	**16.7 +/- 12.2**
208	**Second**	**C**	**Bathroom 12**	**Win. Sill/Stool**	**Wood**	**POOR**	**Brown**		**10**	**Positive**	**15.1 +/- 11.4**
209	**Second**	**C**	**Bathroom 12**	**Win. Jamb**	**Wood**	**FAIR**	**Brown**		**10**	**Positive**	**11.4 +/- 9.7**
210	**Second**	**B**	**Bathroom 12**	**Door Casing**	**Wood**	**FAIR**	**Brown**		**10**	**Positive**	**18.5 +/- 13.5**
211	**Second**	**B**	**Bathroom 12**	**Door Jamb**	**Wood**	**POOR**	**Brown**		**9.25**	**Positive**	**19.8 +/- 13.4**
212	**Second**	**B**	**Bathroom 12**	**Door**	**Wood**	**POOR**	**Brown**		**10**	**Positive**	**16.9 +/- 12.5**
213	**Second**	**D**	**Bathroom 12**	**Door**	**Wood**	**POOR**	**Brown**		**10**	**Positive**	**9.1 +/- 5.6**
214	**Second**	**D**	**Bathroom 12**	**Door Casing**	**Wood**	**POOR**	**White**		**10**	**Positive**	**11.6 +/- 6.5**
215	Second	D	Bathroom 12	Door Threshold	Wood	POOR	Brown		2.56	Negative	0.08 +/- 0.23
216	Second	D	Bathroom 12	Door Threshold	Wood	POOR	Brown		2.98	Negative	0.12 +/- 0.3
217	**Second**	**D**	**Bathroom 12**	**Door Threshold**	**Wood**	**POOR**	**Brown**		**10**	**Positive**	**5.1 +/- 2.6**
218	Second	D	Bathroom 12	Wall Register	Wood	POOR	White		5.88	Negative	0.1 +/- 0.11
219	**Second**	**Floor**	**Bathroom 12**	**Floor**	**Wood**	**POOR**	**Green**		**3.87**	**Positive**	**1.8 +/- 0.7**
220	**Second**	**Floor**	**Bathroom 12**	**Floor**	**Wood**	**POOR**	**Brown**		**1.75**	**Positive**	**1.4 +/- 0.2**
221	Second	A	Bathroom 12	Wall	Plaster	POOR	Green		1.52	Negative	0.4 +/- 0.2
222	Second	B	Bathroom 12	Wall	Plaster	POOR	Blue		5.53	Negative	0.06 +/- 0.18
223	Second	C	Bathroom 12	Wall	Plaster	POOR	Blue		1.87	Negative	0.01 +/- 0.03
224	Second	C	Bathroom 12	Wall	Plaster	POOR	Green		1.43	Negative	0.4 +/- 0.2
225	**Second**	**C**	**Bathroom 12**	**Wall**	**Plaster**	**POOR**	**White**		**10**	**Positive**	**3.7 +/- 2.6**
226	**Second**	**D**	**Bathroom 12**	**Wall**	**Plaster**	**POOR**	**White**		**10**	**Positive**	**4.5 +/- 2.7**

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Client	Global Environmental Engineering
Survey Location:	616&618 University Ave., Flint, MI 48503
Survey Date:	10/05/10

Inspector:	Matt Duncan	***License #***	*P-03345*	***Job#***	*134308*

Sample #	Floor	Wall / Side	Room and #	Component	Substrate	Visual Condition	Color	Note	Depth Index	Result	$^{mg}/_{cm^2}$ +/- Precision
227	**Second**	**A**	**Bathroom 12**	**Wall**	**Plaster**	**POOR**	**White**		**8**	**Positive**	**4.8 +/- 2.7**
228	**Second**	**D**	**Bathroom 12**	**Ceiling**	**Plaster**	**POOR**	**White**		**10**	**Positive**	**4.1 +/- 2.7**
229	Second	B	Bathroom 12	Ceiling	Plaster	POOR	Green		1.04	Negative	0.04 +/- 0.05
230	**Second**	**D**	**Bathroom 12**	**Door Jamb**	**Wood**	**POOR**	**White**		**4.83**	**Positive**	**12.7 +/- 10.3**
231	**Second**	**All**	**Hallway 13**	**Door Jamb**	**Wood**	**FAIR**	**Brown**		**10**	**Positive**	**5.4 +/- 2.5**
232	**Second**	**All**	**Hallway 13**	**Door Casing**	**Wood**	**FAIR**	**Brown**		**4.47**	**Positive**	**18.8 +/- 12.9**
233	**Second**	**D**	**Hallway 13**	**Door**	**Wood**	**POOR**	**Green**		**10**	**Positive**	**11.7 +/- 9.8**
234	**Second**	**C**	**Hallway 13**	**Door**	**Wood**	**POOR**	**Green**		**10**	**Positive**	**6.5 +/- 4.4**
235	**Second**	**All**	**Hallway 13**	**Baseboard**	**Wood**	**POOR**	**White**		**10**	**Positive**	**4.3 +/- 2.3**
236	**Second**	**Center**	**Hallway 13**	**Door Jamb**	**Wood**	**POOR**	**White**		**4.66**	**Positive**	**6.1 +/- 4.6**
237	**Second**	**B**	**Hallway 13**	**Win. Casing**	**Wood**	**POOR**	**White**		**10**	**Positive**	**3.6 +/- 2.3**
238	**Second**	**B**	**Hallway 13**	**Win. Sash**	**Wood**	**POOR**	**White**		**6.8**	**Positive**	**4.9 +/- 3.9**
239	**Second**	**B**	**Hallway 13**	**Win. Sill/Stool**	**Wood**	**POOR**	**White**		**5.8**	**Positive**	**5.1 +/- 2.4**
240	Second	Floor	Hallway 13	Floor	Wood	POOR	Brown		1.28	Negative	0.7 +/- 0.3
241	Second	Ceiling	Hallway 13	Ceiling	Paneling	POOR	White		3.25	Negative	0.01 +/- 0.05
242	Second	A	Hallway 13	Wall	Plaster	INTACT	White		1	Negative	0 +/- 0.02
243	Second	D	Hallway 13	Wall	Plaster	FAIR	White		1.26	Negative	0 +/- 0.02
244	Second	D	Hallway 13	Wall	Plaster	FAIR	White		2.99	Negative	0.01 +/- 0.06
245	Second	C	Hallway 13	Wall	Plaster	INTACT	White		1	Negative	0 +/- 0.02
246	Second	B	Hallway 13	Wall	Plaster	POOR	White		2.55	Negative	0.01 +/- 0.04
247	Second	B	Bedroom 14	Wall	Plaster	POOR	White		10	Negative	0.08 +/- 0.71
248	Second	A	Bedroom 14	Wall	Plaster	POOR	White		1	Negative	0 +/- 0.02
249	Second	D	Bedroom 14	Wall	Plaster	POOR	White		10	Negative	0.3 +/- 0.66
250	Second	C	Bedroom 14	Wall	Plaster	POOR	White		10	Negative	0.24 +/- 0.73
251	Second	Ceiling	Bedroom 14	Ceiling	Plaster	POOR	White		10	Negative	0.06 +/- 0.7
252	**Second**	**Floor**	**Bedroom 14**	**Floor**	**Wood**	**POOR**	**Brown**		**1.56**	**Positive**	**1.2 +/- 0.2**
253	**Second**	**All**	**Bedroom 14**	**Baseboard**	**Wood**	**FAIR**	**White**		**1**	**Positive**	**11.6 +/- 9.9**
254	**Second**	**B**	**Bedroom 14**	**Door**	**Wood**	**POOR**	**White**		**10**	**Positive**	**11 +/- 6.1**
255	**Second**	**B**	**Bedroom 14**	**Door Casing**	**Wood**	**POOR**	**White**		**10**	**Positive**	**13.4 +/- 10.3**
256	**Second**	**B**	**Bedroom 14**	**Door Jamb**	**Wood**	**POOR**	**White**		**10**	**Positive**	**11.1 +/- 9.2**
257	**Second**	**A**	**Bedroom 14**	**Win. Sill/Stool**	**Wood**	**POOR**	**White**		**5.64**	**Positive**	**14.1 +/- 10.6**
258	**Second**	**A**	**Bedroom 14**	**Win. Casing**	**Wood**	**POOR**	**White**		**10**	**Positive**	**14.4 +/- 11**
259	**Second**	**A**	**Bedroom 14**	**Win. Sash**	**Wood**	**POOR**	**White**		**10**	**Positive**	**13.5 +/- 11.2**
260	**Second**	**D**	**Bedroom 14**	**Win. Sash**	**Wood**	**POOR**	**White**		**10**	**Positive**	**12.5 +/- 10.1**
261	**Second**	**D**	**Bedroom 14**	**Win. Casing**	**Wood**	**POOR**	**White**		**8.15**	**Positive**	**14.6 +/- 11**
262	**Second**	**D**	**Bedroom 14**	**Win. Sill/Stool**	**Wood**	**POOR**	**White**		**5.14**	**Positive**	**14.4 +/- 11.1**
263	**Second**	**D**	**Bedroom 15**	**Win. Sill/Stool**	**Wood**	**POOR**	**White**		**9.52**	**Positive**	**3.1 +/- 2.1**

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Survey Date:	10/05/10

Inspector:	Matt Duncan	***License #***	*P-03345*	***Job#***	*134308*

Sample #	Floor	Wall / Side	Room and #	Component	Substrate	Visual Condition	Color	Note	Depth Index	Result	$^{mg}/_{cm^2}$ +/- Precision
264	**Second**	**D**	**Bedroom 15**	**Win. Casing**	**Wood**	**FAIR**	**White**		**10**	**Positive**	**3.8 +/- 2.2**
265	**Second**	**D**	**Bedroom 15**	**Win. Sash**	**Wood**	**POOR**	**White**		**10**	**Positive**	**4.5 +/- 2.3**
266	Second	C	Bedroom 15	Shelf Bracket	Wood	POOR	White		5.92	Negative	0.5 +/- 0.4
267	**Second**	**C**	**Bedroom 15**	**Door Jamb**	**Wood**	**POOR**	**White**		**6.47**	**Positive**	**3.8 +/- 2.3**
268	**Second**	**C**	**Bedroom 15**	**Door Casing**	**Wood**	**POOR**	**White**		**10**	**Positive**	**2.9 +/- 1.8**
269	Second	C	Bedroom 15	Wall Register	Wood	POOR	Brown		1.83	Negative	0.16 +/- 0.26
270	**Second**	**B**	**Bedroom 15**	**Door**	**Wood**	**POOR**	**White**		**7.96**	**Positive**	**4.2 +/- 2.3**
271	**Second**	**B**	**Bedroom 15**	**Door Casing**	**Wood**	**POOR**	**White**		**10**	**Positive**	**3.5 +/- 2.2**
272	**Second**	**B**	**Bedroom 15**	**Door Jamb**	**Wood**	**POOR**	**White**		**4.89**	**Positive**	**4.1 +/- 2.3**
273	**Second**	**All**	**Bedroom 15**	**Baseboard**	**Wood**	**FAIR**	**White**		**10**	**Positive**	**4.1 +/- 2.2**
274	**Second**	**Floor**	**Bedroom 15**	**Floor**	**Wood**	**POOR**	**Black**		**1.51**	**Positive**	**1.2 +/- 0.2**
275	Second	A	Bedroom 15	Wall	Plaster	FAIR	White		1.09	Negative	0 +/- 0.03
276	Second	D	Bedroom 15	Wall	Plaster	INTACT	White		1	Negative	0 +/- 0.02
277	Second	B	Bedroom 15	Wall	Plaster	INTACT	White		1	Negative	0 +/- 0.02
278	Second	C	Bedroom 15	Wall	Plaster	FAIR	White		1	Negative	0 +/- 0.02
279	Second	C	Bedroom 15	Clos. Wall	Plaster	FAIR	White		4.95	Negative	0.4 +/- 0.4
280	Second	Ceiling	Bedroom 15	Ceiling	Plaster	INTACT	White		1	Negative	0 +/- 0.02
281	Second	Ceiling	Bedroom 16	Ceiling	Plaster	POOR	White		1	Negative	0 +/- 0.02
282	Second	D	Bedroom 16	Wall	Plaster	FAIR	White		10	Negative	-0.27 +/- 1.09
283	Second	C	Bedroom 16	Wall	Plaster	FAIR	White		10	Negative	-0.44 +/- 1.23
284	Second	B	Bedroom 16	Wall	Plaster	FAIR	White		7.92	Negative	0.29 +/- 0.5
285	Second	A	Bedroom 16	Wall	Plaster	POOR	White		3.02	Negative	0.02 +/- 0.07
286	Second	A	Bedroom 16	Clos. Wall	Plaster	POOR	White		10	Negative	-0.02 +/- 0.67
287	**Second**	**All**	**Bedroom 16**	**Clos. Baseboard**	**Wood**	**POOR**	**White**		**10**	**Positive**	**2.2 +/- 0.8**
288	**Second**	**A**	**Bedroom 16**	**Clos. Casing in.**	**Wood**	**POOR**	**White**		**10**	**Positive**	**1.5 +/- 0.5**
289	**Second**	**A**	**Bedroom 16**	**Clos. jamb**	**Wood**	**FAIR**	**White**		**10**	**Positive**	**2.4 +/- 1.3**
290	**Second**	**A**	**Bedroom 16**	**Clos. Casing**	**Wood**	**FAIR**	**White**		**10**	**Positive**	**2.8 +/- 1.7**
291	**Second**	**A**	**Bedroom 16**	**Door Casing**	**Wood**	**FAIR**	**White**		**10**	**Positive**	**2.5 +/- 1.4**
292	**Second**	**A**	**Bedroom 16**	**Door Jamb**	**Wood**	**POOR**	**White-grey-brown**		**10**	**Positive**	**2 +/- 0.8**
293	**Second**	**A**	**Bedroom 16**	**Door**	**Wood**	**POOR**	**White**		**10**	**Positive**	**3.3 +/- 2.2**
294	**Second**	**All**	**Bedroom 16**	**Baseboard**	**Wood**	**FAIR**	**White**		**10**	**Positive**	**2 +/- 0.8**
295	**Second**	**D**	**Bedroom 16**	**Win. Casing**	**Wood**	**POOR**	**White**		**10**	**Positive**	**2.3 +/- 0.8**
296	**Second**	**D**	**Bedroom 16**	**Win. Sill/Stool**	**Wood**	**POOR**	**White**		**10**	**Positive**	**2.1 +/- 0.8**
297	**Second**	**D**	**Bedroom 16**	**Win. Sash**	**Wood**	**POOR**	**White**		**9.1**	**Positive**	**3.5 +/- 2.1**
298	**Second**	**C**	**Bedroom 16**	**Win. Sash**	**Wood**	**POOR**	**White**		**10**	**Positive**	**3.9 +/- 2**
299	**Second**	**C**	**Bedroom 16**	**Win. Sill/Stool**	**Wood**	**POOR**	**White**		**10**	**Positive**	**2.6 +/- 1.4**
300	**Second**	**C**	**Bedroom 16**	**Win. Casing**	**Wood**	**FAIR**	**White**		**10**	**Positive**	**2.1 +/- 0.8**

APPENDIX A
All Paint Samples Taken - In Order Sampled
Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client	Global Environmental Engineering
Survey Location:	616&618 University Ave., Flint, MI 48503
Survey Date:	10/05/10

Inspector:	Matt Duncan	***License #***	*P-03345*	***Job#***	*134308*

Sample #	Floor	Wall / Side	Room and #	Component	Substrate	Visual Condition	Color	Note	Depth Index	Result	$^{mg}/_{cm}{}^{2}$ +/- Precision
301	**Second**	**Floor**	**Bedroom 16**	**Floor**	**Wood**	**POOR**	**Brown**		**1.42**	**Positive**	**1.1 +/- 0.1**
302	**Second**	**Floor**	**Attic Stair 17**	**Stair Tread**	**Wood**	**POOR**	**Brown**		**3.51**	**Positive**	**19.9 +/- 13.3**
303	**Second**	**B**	**Attic Stair 17**	**Railing Cap base**	**Wood**	**POOR**	**Brown**		**2.96**	**Positive**	**8.5 +/- 7.2**
304	Second	B	Attic Stair 17	Baluster	Wood	POOR	White		2.32	Negative	0.12 +/- 0.26
305	Second	B	Attic Stair 17	Railing	Wood	FAIR	Clear / Stain		1	Negative	0 +/- 0.03
306	**Second**	**C**	**Attic Stair 17**	**Stair Riser**	**Wood**	**POOR**	**Brown**		**6.35**	**Positive**	**14.2 +/- 11**
307	**Second**	**D**	**Attic Stair 17**	**Stair Stringer**	**Wood**	**POOR**	**White**		**10**	**Positive**	**18.5 +/- 12.9**
308	**Second**	**D**	**Attic Stair 17**	**Baseboard**	**Wood**	**POOR**	**White**		**10**	**Positive**	**11.9 +/- 10.2**
309	**Second**	**B**	**Attic Stair 17**	**Stair Stringer**	**Wood**	**FAIR**	**Brown**		**10**	**Positive**	**19.1 +/- 12.8**
310	Second	B	Attic Stair 17	Newel Post	Wood	FAIR	Clear / Stain		1	Negative	0 +/- 0.02
311	**First**	**D**	**Hallway 18**	**Door Casing**	**Wood**	**POOR**	**Brown**		**10**	**Positive**	**18.2 +/- 12.5**
312	**First**	**D**	**Hallway 18**	**Door Stop**	**Wood**	**POOR**	**Brown**		**10**	**Positive**	**20.5 +/- 13.7**
313	**First**	**A**	**Hallway 18**	**Door Casing**	**Wood**	**FAIR**	**Brown**		**10**	**Positive**	**16.7 +/- 12.2**
314	**First**	**B**	**Hallway 18**	**Door Casing**	**Wood**	**POOR**	**White**		**1.97**	**Positive**	**13.7 +/- 10.4**
315	**First**	**All**	**Hallway 18**	**Baseboard**	**Wood**	**FAIR**	**White**		**10**	**Positive**	**15.6 +/- 11.6**
316	First	All	Hallway 18	Crown Molding	Wood	FAIR	White		1	Negative	0 +/- 0.03
317	First	Ceiling	Hallway 18	Ceiling	Paneling	INTACT	White		1	Negative	0 +/- 0.02
318	First	C	Hallway 18	Ceiling	Plaster	POOR	White		2.98	Negative	0.1 +/- 0.14
319	First	C	Hallway 18	Wall	Plaster	POOR	White		3.35	Negative	0.1 +/- 0.18
320	First	B	Hallway 18	Wall	Plaster	POOR	White		1	Negative	0 +/- 0.02
321	First	D	Hallway 18	Wall	Plaster	POOR	White		5.23	Negative	0.02 +/- 0.07
322	First	A	Hallway 18	Wall	Plaster	FAIR	White		1	Negative	0 +/- 0.02
323	First	A	Living Room 19	Wall	Plaster	POOR	Red		1.07	Negative	0 +/- 0.02
324	First	D	Living Room 19	Wall	Plaster	FAIR	Red		1	Negative	0 +/- 0.02
325	First	C	Living Room 19	Wall	Plaster	FAIR	Red		1.54	Negative	0 +/- 0.02
326	First	B	Living Room 19	Wall	Plaster	FAIR	Red		1	Negative	0 +/- 0.02
327	First	Ceiling	Living Room 19	Ceiling	Paneling	INTACT	White		3.88	Negative	0.01 +/- 0.07
328	First	All	Living Room 19	Crown Molding	Wood	FAIR	White		1	Negative	0 +/- 0.02
329	**First**	**All**	**Living Room 19**	**Baseboard**	**Wood**	**FAIR**	**White**		**10**	**Positive**	**17.8 +/- 12.7**
330	**First**	**B**	**Living Room 19**	**Door Casing**	**Wood**	**POOR**	**Brown**		**6.81**	**Positive**	**17.1 +/- 12.4**
331	**First**	**B**	**Living Room 19**	**Door Jamb**	**Wood**	**POOR**	**Brown**		**10**	**Positive**	**18.1 +/- 12.4**
332	**First**	**C**	**Living Room 19**	**Door Jamb**	**Wood**	**POOR**	**Brown**		**5.12**	**Positive**	**4.7 +/- 2.5**
333	**First**	**C**	**Living Room 19**	**Door Casing**	**Wood**	**POOR**	**Brown**		**3.46**	**Positive**	**12.8 +/- 10.4**
334	**First**	**C**	**Living Room 19**	**Door Casing**	**Wood**	**POOR**	**Brown**		**2.16**	**Positive**	**17.7 +/- 12.5**
335	**First**	**A**	**Living Room 19**	**Win. Casing**	**Wood**	**FAIR**	**Brown**		**10**	**Positive**	**17 +/- 12.4**
336	**First**	**A**	**Living Room 19**	**Win. Sash**	**Wood**	**FAIR**	**Brown**		**8.73**	**Positive**	**8.9 +/- 5.6**
337	**First**	**A**	**Living Room 19**	**Win. Sill/Stool**	**Wood**	**FAIR**	**Brown**		**10**	**Positive**	**14.6 +/- 11.3**
338	**First**	**D**	**Living Room 19**	**Win. Sill/Stool**	**Wood**	**POOR**	**White**		**10**	**Positive**	**23.6 +/- 15.3**

APPENDIX A
All Paint Samples Taken - In Order Sampled
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Client			Global Environmental Engineering								
Survey Location:			616&618 University Ave., Flint, MI 48503								
Survey Date:			10/05/10								
Inspector:			Matt Duncan		***License #***	*P-03345*			***Job#***	*134308*	
Sample #	**Floor**	**Wall / Side**	**Room and #**	**Component**	**Substrate**	**Visual Condition**	**Color**	**Note**	**Depth Index**	**Result**	**$^{mg}/_{cm^2}$ +/- Precision**
339	**First**	**D**	**Living Room 19**	**Win. Casing**	**Wood**	**POOR**	**White**		**4.05**	**Positive**	**14 +/- 10.7**
340	**First**	**D**	**Living Room 19**	**Win. Sash**	**Wood**	**POOR**	**White**		**10**	**Positive**	**12.3 +/- 9.9**
341	First	D	Living Room 19	Floor Register	Metal	POOR	White		1.67	Negative	0.29 +/- 0.33
342	First	Floor	Living Room 19	Floor	Wood	FAIR	Clear / Stain		1.12	Negative	0.02 +/- 0.07
343	First	Floor	Dining Room 20	Floor	Wood	POOR	Clear / Stain		1.34	Negative	0.02 +/- 0.07
344	First	B	Dining Room 20	Baseboard	Wood	POOR	White		10	Negative	0.03 +/- 0.93
345	**First**	**B**	**Dining Room 20**	**Baseboard**	**Wood**	**POOR**	**White**		**8.18**	**Positive**	**11.6 +/- 9.9**
346	**First**	**D**	**Dining Room 20**	**Baseboard**	**Wood**	**FAIR**	**Brown**		**3.71**	**Positive**	**11.4 +/- 6.5**
347	First	D	Dining Room 20	Door Casing	Wood	FAIR	Brown		1	Negative	0 +/- 0.02
348	First	D	Dining Room 20	Door Jamb	Wood	FAIR	White		1	Negative	0 +/- 0.02
349	**First**	**A**	**Dining Room 20**	**Door Casing**	**Wood**	**FAIR**	**Brown**		**3.18**	**Positive**	**11.2 +/- 9.8**
350	**First**	**B**	**Dining Room 20**	**Win. Casing**	**Wood**	**POOR**	**Brown**		**5.68**	**Positive**	**11.5 +/- 6.6**
351	First	B	Dining Room 20	Win. Sill/Stool	Wood	POOR	Brown		2.34	Negative	0.06 +/- 0.1
352	First	B	Dining Room 20	Win. Sill/Stool	Wood	POOR	Brown		2.68	Negative	0.08 +/- 0.13
353	First	B	Dining Room 20	Win. Sill/Stool	Wood	POOR	Brown		5.06	Negative	0.13 +/- 0.26
354	First	B	Dining Room 20	Win. Sash	Wood	POOR	Brown		3.53	Negative	0.1 +/- 0.18
355	First	B	Dining Room 20	Win. Sash	Wood	POOR	Brown		4.67	Negative	0.18 +/- 0.29
356	First	B	Dining Room 20	Wall	Plaster	POOR	Brown		1	Negative	0 +/- 0.02
357	**First**	**A**	**Dining Room 20**	**Wall**	**Plaster**	**FAIR**	**Brown**		**4.24**	**Positive**	**1.6 +/- 0.6**
358	First	D	Dining Room 20	Wall	Plaster	FAIR	Brown		4.97	Negative	0.03 +/- 0.09
359	First	All	Dining Room 20	Crown Molding	Wood	POOR	White		1	Negative	0 +/- 0.02
360	First	Ceiling	Dining Room 20	Ceiling	Paneling	POOR	White		1	Negative	0 +/- 0.02
361	First	Ceiling	Kitchen 21	Ceiling	Plaster	POOR	White		1	Negative	0 +/- 0.02
362	First	Center	Kitchen 21	Chimney	Plaster	POOR	White		1.31	Negative	0 +/- 0.02
363	First	D	Kitchen 21	Wall	Plaster	INTACT	Brown		1.24	Negative	0 +/- 0.02
364	First	C	Kitchen 21	Wall	Plaster	INTACT	Brown		3.18	Negative	0.01 +/- 0.04
365	First	B	Kitchen 21	Wall	Plaster	POOR	Brown		1.47	Negative	0 +/- 0.02
366	First	B	Kitchen 21	Door Casing	Wood	POOR	Clear / Stain		1	Negative	0.07 +/- 0.12
367	First	B	Kitchen 21	Door Jamb	Wood	FAIR	Brown		1	Negative	0 +/- 0.03
368	First	B	Kitchen 21	Door	Metal	POOR	Brown		3.01	Negative	0.05 +/- 0.22
369	First	C	Kitchen 21	Win. Casing	Wood	FAIR	Clear / Stain		1	Negative	0.05 +/- 0.11
370	First	C	Kitchen 21	Win. Sill/Stool	Wood	FAIR	Clear / Stain		1.09	Negative	0.1 +/- 0.15
371	First	C	Kitchen 21	Win. Sash	Wood	FAIR	Clear / Stain		1.42	Negative	0.01 +/- 0.05
372	**First**	**C**	**Kitchen 21**	**Win. Sash upper**	**Wood**	**POOR**	**White**		**10**	**Positive**	**11.7 +/- 9.8**
373	**First**	**C**	**Kitchen 21**	**Win. Jamb**	**Wood**	**POOR**	**White**		**10**	**Positive**	**11.1 +/- 9.4**
374	First	C	Kitchen 21	Win. Sash	Wood	FAIR	White		1	Negative	0 +/- 0.02
375	First	D	Kitchen 21	Cabinet	Wood	POOR	Grey		1.89	Negative	0.21 +/- 0.31
376	First	D	Kitchen 21	Cabinet	Wood	POOR	Grey		1.66	Negative	0.16 +/- 0.25

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Client	Global Environmental Engineering
Survey Location:	616&618 University Ave., Flint, MI 48503
Survey Date:	10/05/10

Inspector:	Matt Duncan	***License #***	*P-03345*	***Job#***	*134308*

Sample #	Floor	Wall / Side	Room and #	Component	Substrate	Visual Condition	Color	Note	Depth Index	Result	$^{mg}/_{cm^2}$ +/- Precision
377	First	D	Kitchen 21	Cabinet	Wood	POOR	Grey		1.96	Negative	0.19 +/- 0.3
378	**First**	**D**	**Kitchen 21**	**Win. Sash**	**Wood**	**POOR**	**Brown**		**5.11**	**Positive**	**12.9 +/- 10.5**
379	**First**	**D**	**Kitchen 21**	**Win. Casing**	**Wood**	**POOR**	**Brown**		**6.12**	**Positive**	**17 +/- 12.4**
380	**First**	**D**	**Kitchen 21**	**Win. Sill/Stool**	**Wood**	**POOR**	**Brown**		**4.04**	**Positive**	**27.7 +/- 16.5**
381	First	Center	Kitchen 21	Cabinet	Wood	FAIR	Green		1.74	Negative	0.4 +/- 0.3
382	Basement	D	Stair 22	duct wrap	insulation	POOR	Blue		1.86	Negative	0.09 +/- 0.18
383	Basement	D	Stair 22	Wall	Wood	FAIR	White		1.36	Negative	0.1 +/- 0.17
384	Basement	B	Stair 22	Wall	Wood	FAIR	White		1.01	Negative	0.02 +/- 0.04
385	**Basement**	**C**	**Stair 22**	**Door Stop**	**Wood**	**POOR**	**Brown**		**3.51**	**Positive**	**15.2 +/- 11.2**
386	**Basement**	**C**	**Stair 22**	**Door Jamb**	**Wood**	**POOR**	**Brown**		**4.44**	**Positive**	**12.8 +/- 10.3**
387	Basement	A	Stair 22	Stair Riser	Wood	FAIR	White		1	Negative	0 +/- 0.02
388	Basement	B,D	Stair 22	Stair Stringer	Wood	FAIR	White		1	Negative	0 +/- 0.03
389	Basement	Floor	Stair 22	Stair Tread	Wood	POOR	White		1	Negative	0.01 +/- 0.06
390	**Basement**	**Center**	**Basement 23**	**Column**	**Wood**	**POOR**	**White**		**3.26**	**Positive**	**23.2 +/- 14.9**
391	**Basement**	**D**	**Basement 23**	**Win. Sash**	**Wood**	**POOR**	**White**		**1.42**	**Positive**	**3 +/- 1.3**
392	Basement	D	Basement 23	Win. Casing	Wood	POOR	White		5.7	Negative	0.15 +/- 0.31
393	Basement	D	Basement 23	Win. Casing	Wood	POOR	White		1	Negative	0.09 +/- 0.14
394	Basement	D	Basement 23	Wall	Brick	POOR	White		1	Negative	0 +/- 0.02
395	Basement	C	Basement 23	Wall	Brick	POOR	White		1	Negative	0 +/- 0.02
396	Basement	A	Basement 23	Wall	Brick	POOR	White		1	Negative	0 +/- 0.02
397	Basement	B	Basement 23	Wall	Brick	POOR	White		1	Negative	0 +/- 0.02
398	Basement	A	Basement 23	Wall	Wood	POOR	White		1	Negative	0 +/- 0.03
399	**Basement**	**A**	**Basement 23**	**Bookcase**	**Wood**	**POOR**	**White**		**7.47**	**Positive**	**1.3 +/- 0.3**
400	Basement	B	Basement 23	duct access	Wood	POOR	White		6.31	Negative	0.11 +/- 0.47
401	Basement	Ceiling	Basement 23	Ceiling	Wood	POOR	White		1	Negative	0 +/- 0.03
402	Basement	Ceiling	Basement 23	Beam	Wood	FAIR	White		1	Negative	0 +/- 0.02
403	**Basement**	**A**	**Basement 23**	**Wall**	**Wood**	**FAIR**	**White**		**1.76**	**Positive**	**10.2 +/- 9.1**
404	Basement	A	Basement 23	Shelf	Wood	POOR	White		3.29	Negative	0.09 +/- 0.27
405	Basement	A	Basement 23	Shelf Bracket	Wood	POOR	White		1.79	Negative	0.09 +/- 0.2
406	**First**	**A**	**Exterior House 24**	**Wall**	**Wood**	**POOR**	**Grey**		**4.9**	**Positive**	**9.9 +/- 8.9**
407	**First**	**A**	**Exterior House 24**	**Win. Casing**	**Wood**	**POOR**	**White**		**5.18**	**Positive**	**15.4 +/- 11.5**
408	**First**	**A**	**Exterior House 24**	**Door Casing**	**Wood**	**POOR**	**White**		**2.39**	**Positive**	**17.1 +/- 12.3**
409	**First**	**A**	**Exterior House 24**	**Win. Sill/Stool**	**Wood**	**POOR**	**White**		**6.02**	**Positive**	**15 +/- 11.4**
410	**First**	**A**	**Exterior House 24**	**Win. Well/Trough**	**Wood**	**POOR**	**White**		**6.63**	**Positive**	**15.4 +/- 11.5**
411	**First**	**A**	**Exterior House 24**	**Win. Jamb**	**Wood**	**POOR**	**Black**		**5.58**	**Positive**	**20 +/- 13.6**
412	**First**	**A**	**Exterior House 24**	**Win. Sash**	**Wood**	**POOR**	**Black**		**1.98**	**Positive**	**1.9 +/- 0.7**
413	First	A	Exterior House 24	Porch Floor	Wood	POOR	Red		1.33	Negative	0.21 +/- 0.26
414	First	A	Exterior House 24	Porch Floor	Wood	POOR	Red		1.28	Negative	0.18 +/- 0.23

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Survey Date:			10/05/10								
Inspector:			Matt Duncan		***License #***	*P-03345*			***Job#***	*134308*	
Sample #	**Floor**	**Wall / Side**	**Room and #**	**Component**	**Substrate**	**Visual Condition**	**Color**	**Note**	**Depth Index**	**Result**	**$^{mg}/_{cm^2}$ +/- Precision**
415	First	A	Exterior House 24	Porch Ceiling	Wood	POOR	Grey		1.1	Negative	0 +/- 0.03
416	**First**	**A**	**Exterior House 24**	**Porch Beam**	**Wood**	**POOR**	**White**		**7.8**	**Positive**	**20.6 +/- 13.9**
417	**First**	**A**	**Exterior House 24**	**Porch Support Column**	**Wood**	**POOR**	**White**		**8.64**	**Positive**	**20.4 +/- 13.9**
418	First	A	Exterior House 24	Railing	Wood	POOR	White		3.52	Negative	0.5 +/- 0.4
419	First	A	Exterior House 24	Railing	Wood	POOR	White		2.53	Negative	0.4 +/- 0.5
420	**First**	**All**	**Exterior House 24**	**Ext. Soffit**	**Wood**	**POOR**	**White**		**4.33**	**Positive**	**3.2 +/- 2.1**
421	**First**	**All**	**Exterior House 24**	**Ext. Fascia**	**Wood**	**POOR**	**White**		**2.59**	**Positive**	**15.2 +/- 11.8**
422	First	All	Exterior House 24	Porch Apron	Wood	POOR	White		1	Negative	0 +/- 0.02
423	**First**	**B**	**Exterior House 24**	**Wall**	**Wood**	**POOR**	**Grey**		**3.06**	**Positive**	**11.6 +/- 9.3**
424	**First**	**B**	**Exterior House 24**	**Win. Casing**	**Wood**	**POOR**	**White**		**4.32**	**Positive**	**39.5 +/- 21.7**
425	**First**	**B**	**Exterior House 24**	**Win. Jamb**	**Wood**	**POOR**	**White**		**2.95**	**Positive**	**40.3 +/- 21.7**
426	**First**	**B**	**Exterior House 24**	**Win. Well/Trough**	**Wood**	**POOR**	**White**		**3.4**	**Positive**	**39.9 +/- 21.4**
427	First	B	Exterior House 24	board up	Wood	POOR	White		5.53	Negative	0.3 +/- 0.36
428	**Basement**	**B**	**Exterior House 24**	**Win. Casing**	**Wood**	**POOR**	**Black**		**4.6**	**Positive**	**19.8 +/- 13.5**
429	Basement	B	Exterior House 24	Win. Sash	Wood	POOR	Black		1.87	Negative	0.23 +/- 0.31
430	Basement	B	Exterior House 24	Win. Sash	Wood	POOR	Black		1.07	Negative	0.09 +/- 0.14
431	First	A	Exterior House 24	Stair Stringer	Wood	POOR	White		1	Negative	0 +/- 0.04
432	**First**	**A**	**Exterior House 24**	**Porch Apron**	**Wood**	**POOR**	**White**		**3.81**	**Positive**	**3.6 +/- 2.1**
433	**First**	**A**	**Exterior House 24**	**Railing**	**Wood**	**POOR**	**White**		**4.03**	**Positive**	**5.1 +/- 3.8**
434	**First**	**All**	**Exterior House 24**	**Ext. Fascia**	**Wood**	**POOR**	**White**		**3.99**	**Positive**	**2.5 +/- 1.2**
435	**First**	**All**	**Exterior House 24**	**Ext. Fascia**	**Wood**	**POOR**	**White**		**4.71**	**Positive**	**3.8 +/- 1.8**
436	**First**	**A**	**Exterior House 24**	**Porch Support Column**	**Wood**	**POOR**	**White**		**9.61**	**Positive**	**41.1 +/- 22.4**
437	**First**	**A**	**Exterior House 24**	**Porch Beam**	**Wood**	**POOR**	**White**		**7.69**	**Positive**	**39.2 +/- 21.6**
438	**First**	**A**	**Exterior House 24**	**Win. Casing**	**Wood**	**POOR**	**White**		**4.7**	**Positive**	**32.1 +/- 18.8**
439	**First**	**A**	**Exterior House 24**	**Win. Jamb**	**Wood**	**POOR**	**White**		**4.55**	**Positive**	**35.9 +/- 20.2**
440	**First**	**A**	**Exterior House 24**	**Win. Sill/Stool**	**Wood**	**POOR**	**White**		**4.62**	**Positive**	**25.6 +/- 15.8**
441	**First**	**A**	**Exterior House 24**	**Win. Well/Trough**	**Wood**	**POOR**	**White**		**3.78**	**Positive**	**25 +/- 15.4**
442	**First**	**A**	**Exterior House 24**	**Win. Sash**	**Wood**	**POOR**	**White**		**3.63**	**Positive**	**7.7 +/- 5.1**
443	**First**	**A**	**Exterior House 24**	**Door Casing**	**Wood**	**POOR**	**White**		**7.87**	**Positive**	**32.9 +/- 19.2**
444	First	A	Exterior House 24	Door storm	Wood	POOR	White		1.66	Negative	0.5 +/- 0.4
445	First	A	Exterior House 24	Porch Floor	Wood	POOR	Red		1.77	Negative	0.21 +/- 0.3
446	**First**	**A**	**Exterior House 24**	**Porch Floor**	**Wood**	**POOR**	**Red**		**3.98**	**Positive**	**2.2 +/- 0.8**
447	**First**	**A**	**Exterior House 24**	**Door Threshold**	**Wood**	**POOR**	**Red**		**2.66**	**Positive**	**14.7 +/- 11.5**
448	**First**	**A**	**Exterior House 24**	**Wall**	**Wood**	**POOR**	**Grey**		**5.05**	**Positive**	**31 +/- 18.3**
449	**First**	**A**	**Exterior House 24**	**Porch Ceiling**	**Wood**	**POOR**	**Grey**		**3.05**	**Positive**	**4 +/- 2.4**
450	**First**	**D**	**Exterior House 24**	**Porch Ceiling**	**Wood**	**POOR**	**Grey**		**3.79**	**Positive**	**24.8 +/- 15.4**
451	**First**	**D**	**Exterior House 24**	**Wall**	**Wood**	**POOR**	**Grey**		**3.66**	**Positive**	**34.7 +/- 19.7**

APPENDIX A
All Paint Samples Taken - In Order Sampled
Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client			Global Environmental Engineering								
Survey Location:			616&618 University Ave., Flint, MI 48503								
Survey Date:			10/05/10								
Inspector:			Matt Duncan		***License #***	*P-03345*			***Job#***	*134308*	
Sample #	**Floor**	**Wall / Side**	**Room and #**	**Component**	**Substrate**	**Visual Condition**	**Color**	**Note**	**Depth Index**	**Result**	**$^{mg}/_{cm^2}$ +/- Precision**
452	**First**	**D**	**Exterior House 24**	**Porch Support Column**	**Wood**	**POOR**	**White**		**10**	**Positive**	**31.8 +/- 18.9**
453	**First**	**D**	**Exterior House 24**	**Porch Beam**	**Wood**	**POOR**	**White**		**4.5**	**Positive**	**30.5 +/- 17.5**
454	**First**	**D**	**Exterior House 24**	**Win. Casing**	**Wood**	**POOR**	**White**		**6.71**	**Positive**	**35.2 +/- 19.7**
455	**First**	**D**	**Exterior House 24**	**Win. Sill/Stool**	**Wood**	**POOR**	**White**		**5.84**	**Positive**	**34.1 +/- 19.5**
456	**First**	**D**	**Exterior House 24**	**Win. Well/Trough**	**Wood**	**POOR**	**White**		**5.13**	**Positive**	**33.3 +/- 19.6**
457	**First**	**D**	**Exterior House 24**	**Win. Jamb**	**Wood**	**POOR**	**White**		**5.78**	**Positive**	**35.6 +/- 20.1**
458	**First**	**D**	**Exterior House 24**	**Win. Sash**	**Wood**	**POOR**	**Black**		**2.48**	**Positive**	**4.5 +/- 3.3**
459	**First**	**D**	**Exterior House 24**	**Porch Floor**	**Wood**	**POOR**	**Red**		**4.67**	**Positive**	**8.6 +/- 5.2**
460	**First**	**D**	**Exterior House 24**	**Ext. Gutter**	**Metal**	**POOR**	**White**		**4.76**	**Positive**	**1.6 +/- 0.4**
461	**First**	**All**	**Exterior House 24**	**decorative trim**	**Wood**	**POOR**	**White**		**5.02**	**Positive**	**33.4 +/- 19.1**
462	**First**	**All**	**Exterior House 24**	**Wall Casing**	**Wood**	**POOR**	**White**		**2.62**	**Positive**	**10.3 +/- 9.3**
463	**First**	**All**	**Exterior House 24**	**gutter system**	**Metal**	**POOR**	**White**		**3.26**	**Positive**	**2.1 +/- 0.9**
464	**First**	**C**	**Exterior House 24**	**Wall**	**Wood**	**POOR**	**Grey**		**2.9**	**Positive**	**25.9 +/- 16.6**
465	**First**	**C**	**Exterior House 24**	**Win. Casing**	**Wood**	**POOR**	**White**		**3.14**	**Positive**	**38.6 +/- 21.3**
466	**First**	**C**	**Exterior House 24**	**Win. Jamb**	**Wood**	**POOR**	**White**		**3.52**	**Positive**	**34.3 +/- 19.7**
467	**First**	**B**	**Exterior House 24**	**Porch Support Column**	**Wood**	**POOR**	**White**		**5.81**	**Positive**	**18.2 +/- 12.6**
468	**First**	**B**	**Exterior House 24**	**Porch Ceiling**	**Wood**	**POOR**	**White**		**4.11**	**Positive**	**7.8 +/- 5.1**
469	**First**	**B**	**Exterior House 24**	**Wall**	**Wood**	**POOR**	**Grey**		**4.85**	**Positive**	**32.4 +/- 18.8**
470	First	B	Exterior House 24	Railing	Wood	POOR	White		2.25	Negative	0.24 +/- 0.36
471	**First**	**B**	**Exterior House 24**	**Railing**	**Wood**	**POOR**	**White**		**5.38**	**Positive**	**12.6 +/- 10.6**
472	First	B	Exterior House 24	Porch Floor	Wood	POOR	Red		1.75	Negative	0.24 +/- 0.31
473	First	B	Exterior House 24	Porch Floor	Wood	POOR	Red		1.91	Negative	0.29 +/- 0.37
474	**First**	**B**	**Exterior House 24**	**Win. Casing**	**Wood**	**POOR**	**White**		**3.19**	**Positive**	**33.2 +/- 19**
475	**First**	**B**	**Exterior House 24**	**Win. Sash**	**Wood**	**POOR**	**Black**		**3.16**	**Positive**	**41.3 +/- 22.2**
476	**First**	**C**	**Exterior House 24**	**Win. Sash**	**Wood**	**POOR**	**Black**		**2.86**	**Positive**	**39.4 +/- 21.6**
477	**First**	**C**	**Exterior House 24**	**Win. Casing**	**Wood**	**POOR**	**White**		**3.33**	**Positive**	**39.6 +/- 21.6**
478	**First**	**C**	**Exterior House 24**	**Door Casing**	**Wood**	**POOR**	**White**		**4.32**	**Positive**	**17.3 +/- 12.4**
479	**First**	**C**	**Exterior House 24**	**Door Jamb**	**Wood**	**POOR**	**White**		**2.31**	**Positive**	**17.4 +/- 12.4**
480	**First**	**C**	**Exterior House 24**	**Railing**	**Wood**	**POOR**	**White**		**8.03**	**Positive**	**13.7 +/- 10.6**
481	**First**	**C**	**Exterior House 24**	**Porch Support Column**	**Wood**	**POOR**	**White**		**5.58**	**Positive**	**17.7 +/- 12.7**
482	**First**	**C**	**Exterior House 24**	**Porch Ceiling**	**Wood**	**POOR**	**Grey**		**4.89**	**Positive**	**11.6 +/- 9.7**
483	**First**	**C**	**Exterior House 24**	**Wall**	**Wood**	**POOR**	**Grey**		**2.79**	**Positive**	**10.7 +/- 9.6**
484	**First**	**C**	**Exterior House 24**	**Door Threshold**	**Wood**	**POOR**	**Grey**		**3.34**	**Positive**	**4.1 +/- 2.4**
485	First	C	Exterior House 24	Porch Floor	Wood	POOR	Red		1.87	Negative	0.12 +/- 0.23
486	First	C	Exterior House 24	Porch Floor	Wood	POOR	Red		3.32	Negative	0.18 +/- 0.4
487	**First**	**A**	**Ext. Garage 25**	**Wall**	**Wood**	**POOR**	**White**		**2**	**Positive**	**1.3 +/- 0.2**
488	**First**	**D**	**Ext. Garage 25**	**Wall**	**Wood**	**POOR**	**White**		**2.39**	**Positive**	**3.1 +/- 1.7**

APPENDIX A
All Paint Samples Taken - In Order Sampled
Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client			Global Environmental Engineering								
Survey Location:			616&618 University Ave., Flint, MI 48503								
Survey Date:			10/05/10								
Inspector:			Matt Duncan		***License #***	*P-03345*			***Job#***	*134308*	
Sample #	**Floor**	**Wall / Side**	**Room and #**	**Component**	**Substrate**	**Visual Condition**	**Color**	**Note**	**Depth Index**	**Result**	**$^{mg}/_{cm}{}^{2}$ +/- Precision**
489	**First**	**D**	**Ext. Garage 25**	**Win. Sash**	**Wood**	**POOR**	**White**		**1.95**	**Positive**	**1.5 +/- 0.4**
490	**First**	**D**	**Ext. Garage 25**	**Win. Casing**	**Wood**	**POOR**	**White**		**2.75**	**Positive**	**3.9 +/- 2.2**
491	**First**	**A**	**Ext. Garage 25**	**Win. Casing**	**Wood**	**POOR**	**White**		**1.46**	**Positive**	**1.9 +/- 0.6**
492	**First**	**A**	**Ext. Garage 25**	**Door**	**Wood**	**POOR**	**White**		**3.79**	**Positive**	**4.5 +/- 3.1**
493	**First**	**B**	**Ext. Garage 25**	**Wall**	**Wood**	**POOR**	**White**		**1.84**	**Positive**	**1.7 +/- 0.6**
494	**First**	**All**	**Ext. Garage 25**	**Trim**	**Wood**	**POOR**	**White**		**1.83**	**Positive**	**2.3 +/- 1.2**
495			**CALIBRATE**						**1.09**	**Positive**	**1.1 +/- 0.1**
496			**CALIBRATE**						**1.26**	**Positive**	**1.3 +/- 0.3**
497			**CALIBRATE**						**1.09**	**Positive**	**1.1 +/- 0.1**

APPENDIX B

Lead Paint Sample Results
(One set for the grounds, exterior and common areas And one set for each unit tested)

APPENDIX B
Lead Paint ONLY Samples - Ordered by Room
Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client	Global Environmental Engineering
Survey Location:	616&618 University Ave., Flint, MI 48503
Survey Date:	10/05/10

Inspector:	Matt Duncan	***License #:***	*P-03345*	***Job #:***	*134308*

Sample #	Floor	Wall / Side	Room and #	Component	Substrate	Visual Condition	Color	Note	Depth Index	Result	$^{mg}/_{cm^2}$ +/- Precision
11	First	C	Living Room 1	Baseboard	Wood	POOR	Green	0	4.12	Positive	15.7 +/- 11.7
12	First	B	Living Room 1	Baseboard	Wood	POOR	Green	0	4.12	Positive	14.1 +/- 11.6
13	First	D	Living Room 1	Baseboard	Wood	POOR	Green	0	3.29	Positive	16.9 +/- 12.5
14	First	A	Living Room 1	Baseboard	Wood	POOR	Brown	0	4.71	Positive	18.9 +/- 13
15	First	A	Living Room 1	Win. Casing	Wood	FAIR	Brown	0	4.77	Positive	19.1 +/- 13.1
16	First	A	Living Room 1	Win. Sill/Stool	Wood	FAIR	Brown	0	5.64	Positive	21.8 +/- 14.5
17	First	A	Living Room 1	Win. Sash	Wood	FAIR	Brown	0	2.97	Positive	14.3 +/- 10.8
18	First	D	Living Room 1	Win. Sash	Wood	FAIR	Brown	0	4.57	Positive	16 +/- 11.8
19	First	D	Living Room 1	Win. Casing	Wood	FAIR	Brown	0	4.14	Positive	19.9 +/- 13.6
20	First	D	Living Room 1	Win. Sill/Stool	Wood	FAIR	Brown	0	3.32	Positive	13.5 +/- 11.1
22	First	B	Living Room 1	Door Casing	Wood	FAIR	Brown	0	1.82	Positive	7.9 +/- 5.3
23	First	B	Living Room 1	Door Jamb	Wood	FAIR	Brown	0	2.42	Positive	3.6 +/- 2
24	First	C	Living Room 1	Door Jamb	Wood	FAIR	Brown	0	4.11	Positive	19.9 +/- 13.5
25	First	C	Living Room 1	Door Casing	Wood	FAIR	Brown	0	3.8	Positive	10.1 +/- 5.9
26	First	A	Dining Room 2	Door Stop	Wood	POOR	White	0	2.63	Positive	14.9 +/- 11.4
27	First	A	Dining Room 2	Door Casing	Wood	POOR	Beige	0	2.63	Positive	17.1 +/- 12.3
28	First	A	Dining Room 2	Door Jamb Upper	Wood	POOR	Beige	0	1.8	Positive	4.2 +/- 2.8
29	First	B	Dining Room 2	Door Jamb	Wood	POOR	Beige	0	2.42	Positive	21.4 +/- 14
30	First	B	Dining Room 2	Door Casing	Wood	POOR	Beige	0	2.85	Positive	15.2 +/- 11.3
31	First	B	Dining Room 2	Door	Wood	POOR	Beige	0	2.46	Positive	14.3 +/- 11.1
32	First	C	Dining Room 2	Win. Casing	Wood	POOR	Beige	0	2.18	Positive	6.6 +/- 4.8
33	First	C	Dining Room 2	Win. Sash	Wood	POOR	Beige	0	2.61	Positive	8 +/- 6.3
34	First	C	Dining Room 2	Win. Sill/Stool	Wood	POOR	Beige	0	2.52	Positive	5.6 +/- 4.2
35	First	All	Dining Room 2	Baseboard	Wood	POOR	Beige	0	3.52	Positive	15.3 +/- 12
36	First	D	Dining Room 2	Door Casing	Wood	POOR	Beige	0	3.06	Positive	20 +/- 13.5
37	First	D	Dining Room 2	Door Jamb	Wood	POOR	Beige	0	2.12	Positive	17.2 +/- 12.3
38	First	D	Dining Room 2	Door Stop	Wood	POOR	Beige	0	3.2	Positive	16.4 +/- 11.9
48	First	Ceiling	Dining Room 2	Ceiling	Plaster	POOR	White	0	4.68	Positive	2.3 +/- 1.2
49	First	Ceiling	Kitchen 3	Ceiling	Plaster	POOR	White	0	3.7	Positive	1.5 +/- 0.3
54	First	B	Kitchen 3	Win. Casing	Wood	POOR	Purple	0	8.23	Positive	4.5 +/- 2.5
55	First	B	Kitchen 3	Win. Sash	Wood	POOR	Purple	0	7.63	Positive	17.9 +/- 12.5
56	First	B	Kitchen 3	Win. Sill/Stool	Wood	POOR	Purple	0	5.3	Positive	11.5 +/- 9.9
57	First	C	Kitchen 3	Win. Sill/Stool	Wood	POOR	Purple	0	10	Positive	20.2 +/- 13.5
59	First	C	Kitchen 3	Win. Sash	Wood	POOR	Purple	0	4.75	Positive	13.9 +/- 10.3
60	First	C	Kitchen 3	Win. Casing	Wood	POOR	Purple	0	10	Positive	3.6 +/- 2.3
61	First	C	Kitchen 3	Door Casing	Wood	POOR	Purple	0	6.06	Positive	4.6 +/- 2.4
63	First	C	Kitchen 3	Door Jamb	Wood	POOR	White	0	4.44	Positive	2.3 +/- 1.2
64	First	A	Kitchen 3	Door Jamb	Wood	POOR	White	0	3.06	Positive	3 +/- 1.2
65	First	A	Kitchen 3	Door Casing	Wood	POOR	Purple	0	4.73	Positive	3.1 +/- 1.5
66	First	D	Kitchen 3	Door Casing	Wood	POOR	Purple	0	4.83	Positive	3.8 +/- 1.8

APPENDIX B
Lead Paint ONLY Samples - Ordered by Room
Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client			Global Environmental Engineering								
Survey Location:			616&618 University Ave., Flint, MI 48503								
Survey Date:			10/05/10								
Inspector:			Matt Duncan		***License #:***	*P-03345*			***Job #:***	*134308*	
Sample #	**Floor**	**Wall / Side**	**Room and #**	**Component**	**Substrate**	**Visual Condition**	**Color**	**Note**	**Depth Index**	**Result**	**$^{mg}/_{cm}^{2}$ +/- Precision**
67	First	D	Kitchen 3	Door Stop	Wood	POOR	Brown	0	8.82	Positive	16.4 +/- 11.7
68	First	D	Kitchen 3	Door	Wood	POOR	Brown	0	5	Positive	19.1 +/- 13.5
69	First	A	Kitchen 3	Door	Wood	POOR	Purple	0	6.14	Positive	16.4 +/- 11.7
73	Basement	B	Stair 4	Door Jamb	Wood	POOR	Yellow	0	3.18	Positive	3.4 +/- 2.2
74	Basement	B	Stair 4	Door Stop	Wood	POOR	Yellow	0	2.55	Positive	3.7 +/- 2.3
75	Basement	C	Stair 4	Door Jamb	Wood	POOR	Yellow	0	1.68	Positive	3.3 +/- 2.2
76	Basement	C	Stair 4	Door Stop	Wood	POOR	White	0	2.46	Positive	3.2 +/- 1.8
78	Basement	Floor	Stair 4	Floor	Wood	POOR	Grey	0	1.6	Positive	3.1 +/- 1.7
82	Basement	C	Stair 4	Door Header	Wood	POOR	Yellow	0	1.69	Positive	2.4 +/- 1.2
88	Basement	B	Stair 4	Win. Casing	Wood	POOR	Grey	0	2.29	Positive	1.5 +/- 0.4
91	Basement	B	Basement 5	Win. Sash	Wood	POOR	Grey	0	2.05	Positive	1 +/- 0.1
92	Basement	B	Basement 5	Win. Casing	Wood	POOR	Grey	0	2.39	Positive	1.1 +/- 0.1
95	Basement	D	Basement 5	Wall	Cinder Block	FAIR	White	0	2.46	Positive	2.7 +/- 1.1
98	First	All	Entry 6	Baseboard	Wood	POOR	Green	0	2.51	Positive	3.3 +/- 1.9
99	First	D	Entry 6	Door Casing	Wood	POOR	Green	0	3.03	Positive	4.8 +/- 2.8
100	First	D	Entry 6	Door Jamb	Wood	POOR	Green	0	2.92	Positive	4.4 +/- 2.6
102	First	A	Entry 6	Door	Wood	POOR	Green	0	2.71	Positive	18.1 +/- 12.8
103	First	A	Entry 6	Door Casing	Wood	POOR	Green	0	3.04	Positive	3.9 +/- 2.4
104	First	A	Entry 6	Door Threshold	Wood	POOR	Grey	0	2.15	Positive	1 +/- 0.3
105	First	A	Entry 6	Door Threshold	Wood	POOR	Grey	0	1.38	Positive	5 +/- 3.6
106	First	A	Entry 6	Door Jamb	Wood	POOR	Black	0	1	Positive	2.6 +/- 1.5
107	First	A	Entry 6	Door Jamb ext.	Wood	POOR	White	0	2.69	Positive	15.2 +/- 11.4
108	First	A	Entry 6	Door ext.	Wood	POOR	White	0	3.62	Positive	15.7 +/- 11.9
109	First	A	Entry 6	Door Jamb	Wood	INTACT	White	0	6.39	Positive	1.5 +/- 0.5
110	First	A	Entry 6	Win. Casing	Wood	POOR	Green	0	2.29	Positive	3.3 +/- 1.8
111	First	A	Entry 6	Win. Sash	Wood	POOR	Green	0	2.63	Positive	3.2 +/- 1.9
112	First	A	Entry 6	Win. Sill/Stool	Wood	POOR	Green	0	2.84	Positive	3.7 +/- 2.2
120	First	B,A	Attic Stair 7	Baseboard	Wood	POOR	Green	0	2.47	Positive	4.3 +/- 2.3
121	First	B,D	Attic Stair 7	Stair Stringer	Wood	POOR	Brown	0	1.61	Positive	3 +/- 1.4
122	First	All	Attic Stair 7	Stair Riser	Wood	POOR	Brown	0	2.11	Positive	5.6 +/- 4
123	First	All	Attic Stair 7	Stair Tread	Wood	POOR	Brown	0	1.65	Positive	2.8 +/- 1.4
124	First	D	Attic Stair 7	Wall	Wood	FAIR	Brown	0	1.82	Positive	4 +/- 2.7
132	Second	B	Attic Stair 7	Win. Sash	Wood	POOR	White	0	3.06	Positive	10.2 +/- 8.8
133	Second	B	Attic Stair 7	Win. Casing	Wood	POOR	White	0	3.78	Positive	19 +/- 13.1
134	Second	B	Attic Stair 7	Win. Sill/Stool	Wood	POOR	White	0	3.73	Positive	16.8 +/- 12.2
145	Second	All	Hallway 8	Baseboard	Wood	FAIR	White-brown	0	2.1	Positive	4.6 +/- 3.3
146	Second	All	Hallway 8	Door Casing	Wood	FAIR	Brown	0	2.27	Positive	4.6 +/- 3.4
147	Second	All	Hallway 8	Door Jamb	Wood	FAIR	Brown	0	2.51	Positive	14.9 +/- 11.2
148	Second	A	Hallway 8	Door	Wood	POOR	Brown	0	1.84	Positive	3.7 +/- 1.8

APPENDIX B
Lead Paint ONLY Samples - Ordered by Room
Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client			Global Environmental Engineering								
Survey Location:			616&618 University Ave., Flint, MI 48503								
Survey Date:			10/05/10								
Inspector:			Matt Duncan		***License #:***	*P-03345*			***Job #:***	*134308*	
Sample #	**Floor**	**Wall / Side**	**Room and #**	**Component**	**Substrate**	**Visual Condition**	**Color**	**Note**	**Depth Index**	**Result**	**$^{mg}/_{cm}{}^{2}$ +/- Precision**
149	Second	D	Hallway 8	Door	Wood	POOR	Brown	0	2.43	Positive	16.1 +/- 11.7
150	Second	C	Hallway 8	Door	Wood	POOR	Brown	0	3.01	Positive	12.9 +/- 10.4
151	Second	A	Bedroom 9	Door	Wood	POOR	White	0	3.59	Positive	8.2 +/- 5.2
152	Second	A	Bedroom 9	Door Jamb	Wood	POOR	White	0	2.08	Positive	3.9 +/- 2
153	Second	A	Bedroom 9	Door Casing	Wood	FAIR	Blue	0	3.9	Positive	5.2 +/- 3.4
155	Second	Center	Bedroom 9	hunk of lead	Metal	POOR	Grey	0	2.26	Positive	44.2 +/- 22.2
156	Second	A	Bedroom 9	Lead Splatter on Wall	Paneling	FAIR	White	0	1.98	Positive	25.1 +/- 16.6
164	Second	C	Bedroom 9	Win. Casing	Wood	FAIR	Grey	0	4.35	Positive	5.2 +/- 3.7
165	Second	C	Bedroom 9	Win. Sash	Wood	FAIR	White	0	3.75	Positive	9.5 +/- 5.7
168	Second	B	Bedroom 9	Win. Casing	Wood	FAIR	White	0	3.23	Positive	3.4 +/- 2.2
169	Second	B	Bedroom 9	Win. Sash	Wood	FAIR	White	0	1.48	Positive	1.9 +/- 0.6
171	Second	All	Bedroom 10	Baseboard	Wood	FAIR	White	0	2.58	Positive	5 +/- 3.8
172	Second	D	Bedroom 10	Wall Register	Wood	POOR	White	0	2.92	Positive	5.5 +/- 4.4
173	Second	C	Bedroom 10	Door	Wood	POOR	White	0	1.92	Positive	3.5 +/- 2.5
174	Second	C	Bedroom 10	Door Jamb	Wood	POOR	White	0	1.89	Positive	3.7 +/- 2.5
175	Second	C	Bedroom 10	Door Casing	Wood	FAIR	White	0	2.96	Positive	4.3 +/- 2.5
176	Second	B	Bedroom 10	Door Casing	Wood	FAIR	White	0	2.53	Positive	4.2 +/- 2.3
177	Second	B	Bedroom 10	Door Jamb	Wood	FAIR	White	0	3.01	Positive	4.1 +/- 2.4
179	Second	A	Bedroom 10	Win. Casing	Wood	FAIR	White	0	3.42	Positive	4.4 +/- 2.8
180	Second	A	Bedroom 10	Win. Sash	Wood	POOR	White	0	2.31	Positive	3.2 +/- 1.8
181	Second	A	Bedroom 10	Win. Sill/Stool	Wood	POOR	White	0	3.33	Positive	2.3 +/- 1.2
196	Second	B	Bedroom 11	Door	Wood	POOR	Green	0	3.93	Positive	9.9 +/- 8.8
197	Second	B	Bedroom 11	Door Casing	Wood	POOR	Green	0	6.12	Positive	15.6 +/- 11.8
198	Second	B	Bedroom 11	Door Jamb	Wood	POOR	Green	0	4.13	Positive	10.3 +/- 5.9
199	Second	All	Bedroom 11	Baseboard	Wood	POOR	Green	0	5.1	Positive	9.5 +/- 5.6
200	Second	A	Bedroom 11	Win. Sill/Stool	Wood	POOR	Green	0	5.51	Positive	9 +/- 5.5
201	Second	A	Bedroom 11	Win. Sill/Stool	Wood	POOR	Green	0	6.45	Positive	10.8 +/- 9.1
202	Second	A	Bedroom 11	Win. Casing	Wood	POOR	Green	0	6.69	Positive	9.1 +/- 5.5
203	Second	A	Bedroom 11	Win. Sash	Wood	POOR	Green	0	5.36	Positive	10.4 +/- 8.7
204	Second	C	Bathroom 12	Win. Jamb	Wood	POOR	White	0	10	Positive	3 +/- 2
205	Second	C	Bathroom 12	Win. Sill/Stool	Wood	POOR	White	0	10	Positive	2.2 +/- 0.8
206	Second	C	Bathroom 12	Win. Well/Trough	Wood	POOR	Black	0	6.59	Positive	1.8 +/- 0.7
207	Second	C	Bathroom 12	Win. Casing	Wood	FAIR	Brown	0	7.69	Positive	16.7 +/- 12.2
208	Second	C	Bathroom 12	Win. Sill/Stool	Wood	POOR	Brown	0	10	Positive	15.1 +/- 11.4
209	Second	C	Bathroom 12	Win. Jamb	Wood	FAIR	Brown	0	10	Positive	11.4 +/- 9.7
210	Second	B	Bathroom 12	Door Casing	Wood	FAIR	Brown	0	10	Positive	18.5 +/- 13.5
211	Second	B	Bathroom 12	Door Jamb	Wood	POOR	Brown	0	9.25	Positive	19.8 +/- 13.4
212	Second	B	Bathroom 12	Door	Wood	POOR	Brown	0	10	Positive	16.9 +/- 12.5
213	Second	D	Bathroom 12	Door	Wood	POOR	Brown	0	10	Positive	9.1 +/- 5.6
214	Second	D	Bathroom 12	Door Casing	Wood	POOR	White	0	10	Positive	11.6 +/- 6.5

APPENDIX B
Lead Paint ONLY Samples - Ordered by Room
Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client			Global Environmental Engineering								
Survey Location:			616&618 University Ave., Flint, MI 48503								
Survey Date:			10/05/10								
Inspector:			Matt Duncan		***License #:***	*P-03345*			***Job #:***	*134308*	
Sample #	**Floor**	**Wall / Side**	**Room and #**	**Component**	**Substrate**	**Visual Condition**	**Color**	**Note**	**Depth Index**	**Result**	**$^{mg}/_{cm^2}$ +/- Precision**
217	Second	D	Bathroom 12	Door Threshold	Wood	POOR	Brown	0	10	Positive	5.1 +/- 2.6
219	Second	Floor	Bathroom 12	Floor	Wood	POOR	Green	0	3.87	Positive	1.8 +/- 0.7
220	Second	Floor	Bathroom 12	Floor	Wood	POOR	Brown	0	1.75	Positive	1.4 +/- 0.2
225	Second	C	Bathroom 12	Wall	Plaster	POOR	White	0	10	Positive	3.7 +/- 2.6
226	Second	D	Bathroom 12	Wall	Plaster	POOR	White	0	10	Positive	4.5 +/- 2.7
227	Second	A	Bathroom 12	Wall	Plaster	POOR	White	0	8	Positive	4.8 +/- 2.7
228	Second	D	Bathroom 12	Ceiling	Plaster	POOR	White	0	10	Positive	4.1 +/- 2.7
230	Second	D	Bathroom 12	Door Jamb	Wood	POOR	White	0	4.83	Positive	12.7 +/- 10.3
231	Second	All	Hallway 13	Door Jamb	Wood	FAIR	Brown	0	10	Positive	5.4 +/- 2.5
232	Second	All	Hallway 13	Door Casing	Wood	FAIR	Brown	0	4.47	Positive	18.8 +/- 12.9
233	Second	D	Hallway 13	Door	Wood	POOR	Green	0	10	Positive	11.7 +/- 9.8
234	Second	C	Hallway 13	Door	Wood	POOR	Green	0	10	Positive	6.5 +/- 4.4
235	Second	All	Hallway 13	Baseboard	Wood	POOR	White	0	10	Positive	4.3 +/- 2.3
236	Second	Center	Hallway 13	Door Jamb	Wood	POOR	White	0	4.66	Positive	6.1 +/- 4.6
237	Second	B	Hallway 13	Win. Casing	Wood	POOR	White	0	10	Positive	3.6 +/- 2.3
238	Second	B	Hallway 13	Win. Sash	Wood	POOR	White	0	6.8	Positive	4.9 +/- 3.9
239	Second	B	Hallway 13	Win. Sill/Stool	Wood	POOR	White	0	5.8	Positive	5.1 +/- 2.4
252	Second	Floor	Bedroom 14	Floor	Wood	POOR	Brown	0	1.56	Positive	1.2 +/- 0.2
253	Second	All	Bedroom 14	Baseboard	Wood	FAIR	White	0	1	Positive	11.6 +/- 9.9
254	Second	B	Bedroom 14	Door	Wood	POOR	White	0	10	Positive	11 +/- 6.1
255	Second	B	Bedroom 14	Door Casing	Wood	POOR	White	0	10	Positive	13.4 +/- 10.3
256	Second	B	Bedroom 14	Door Jamb	Wood	POOR	White	0	10	Positive	11.1 +/- 9.2
257	Second	A	Bedroom 14	Win. Sill/Stool	Wood	POOR	White	0	5.64	Positive	14.1 +/- 10.6
258	Second	A	Bedroom 14	Win. Casing	Wood	POOR	White	0	10	Positive	14.4 +/- 11
259	Second	A	Bedroom 14	Win. Sash	Wood	POOR	White	0	10	Positive	13.5 +/- 11.2
260	Second	D	Bedroom 14	Win. Sash	Wood	POOR	White	0	10	Positive	12.5 +/- 10.1
261	Second	D	Bedroom 14	Win. Casing	Wood	POOR	White	0	8.15	Positive	14.6 +/- 11
262	Second	D	Bedroom 14	Win. Sill/Stool	Wood	POOR	White	0	5.14	Positive	14.4 +/- 11.1
263	Second	D	Bedroom 15	Win. Sill/Stool	Wood	POOR	White	0	9.52	Positive	3.1 +/- 2.1
264	Second	D	Bedroom 15	Win. Casing	Wood	FAIR	White	0	10	Positive	3.8 +/- 2.2
265	Second	D	Bedroom 15	Win. Sash	Wood	POOR	White	0	10	Positive	4.5 +/- 2.3
267	Second	C	Bedroom 15	Door Jamb	Wood	POOR	White	0	6.47	Positive	3.8 +/- 2.3
268	Second	C	Bedroom 15	Door Casing	Wood	POOR	White	0	10	Positive	2.9 +/- 1.8
270	Second	B	Bedroom 15	Door	Wood	POOR	White	0	7.96	Positive	4.2 +/- 2.3
271	Second	B	Bedroom 15	Door Casing	Wood	POOR	White	0	10	Positive	3.5 +/- 2.2
272	Second	B	Bedroom 15	Door Jamb	Wood	POOR	White	0	4.89	Positive	4.1 +/- 2.3
273	Second	All	Bedroom 15	Baseboard	Wood	FAIR	White	0	10	Positive	4.1 +/- 2.2
274	Second	Floor	Bedroom 15	Floor	Wood	POOR	Black	0	1.51	Positive	1.2 +/- 0.2
287	Second	All	Bedroom 16	Clos. Baseboard	Wood	POOR	White	0	10	Positive	2.2 +/- 0.8
288	Second	A	Bedroom 16	Clos. Casing in.	Wood	POOR	White	0	10	Positive	1.5 +/- 0.5

APPENDIX B
Lead Paint ONLY Samples - Ordered by Room
Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client			Global Environmental Engineering								
Survey Location:			616&618 University Ave., Flint, MI 48503								
Survey Date:			10/05/10								
Inspector:			Matt Duncan		***License #:***	*P-03345*			***Job #:***	*134308*	
Sample #	**Floor**	**Wall / Side**	**Room and #**	**Component**	**Substrate**	**Visual Condition**	**Color**	**Note**	**Depth Index**	**Result**	**$^{mg}/_{cm}^{2}$ +/- Precision**
289	Second	A	Bedroom 16	Clos. jamb	Wood	FAIR	White	0	10	Positive	2.4 +/- 1.3
290	Second	A	Bedroom 16	Clos. Casing	Wood	FAIR	White	0	10	Positive	2.8 +/- 1.7
291	Second	A	Bedroom 16	Door Casing	Wood	FAIR	White	0	10	Positive	2.5 +/- 1.4
292	Second	A	Bedroom 16	Door Jamb	Wood	POOR	hite-grey-brov	0	10	Positive	2 +/- 0.8
293	Second	A	Bedroom 16	Door	Wood	POOR	White	0	10	Positive	3.3 +/- 2.2
294	Second	All	Bedroom 16	Baseboard	Wood	FAIR	White	0	10	Positive	2 +/- 0.8
295	Second	D	Bedroom 16	Win. Casing	Wood	POOR	White	0	10	Positive	2.3 +/- 0.8
296	Second	D	Bedroom 16	Win. Sill/Stool	Wood	POOR	White	0	10	Positive	2.1 +/- 0.8
297	Second	D	Bedroom 16	Win. Sash	Wood	POOR	White	0	9.1	Positive	3.5 +/- 2.1
298	Second	C	Bedroom 16	Win. Sash	Wood	POOR	White	0	10	Positive	3.9 +/- 2
299	Second	C	Bedroom 16	Win. Sill/Stool	Wood	POOR	White	0	10	Positive	2.6 +/- 1.4
300	Second	C	Bedroom 16	Win. Casing	Wood	FAIR	White	0	10	Positive	2.1 +/- 0.8
301	Second	Floor	Bedroom 16	Floor	Wood	POOR	Brown	0	1.42	Positive	1.1 +/- 0.1
302	Second	Floor	Attic Stair 17	Stair Tread	Wood	POOR	Brown	0	3.51	Positive	19.9 +/- 13.3
303	Second	B	Attic Stair 17	Railing Cap base	Wood	POOR	Brown	0	2.96	Positive	8.5 +/- 7.2
306	Second	C	Attic Stair 17	Stair Riser	Wood	POOR	Brown	0	6.35	Positive	14.2 +/- 11
307	Second	D	Attic Stair 17	Stair Stringer	Wood	POOR	White	0	10	Positive	18.5 +/- 12.9
308	Second	D	Attic Stair 17	Baseboard	Wood	POOR	White	0	10	Positive	11.9 +/- 10.2
309	Second	B	Attic Stair 17	Stair Stringer	Wood	FAIR	Brown	0	10	Positive	19.1 +/- 12.8
311	First	D	Hallway 18	Door Casing	Wood	POOR	Brown	0	10	Positive	18.2 +/- 12.5
312	First	D	Hallway 18	Door Stop	Wood	POOR	Brown	0	10	Positive	20.5 +/- 13.7
313	First	A	Hallway 18	Door Casing	Wood	FAIR	Brown	0	10	Positive	16.7 +/- 12.2
314	First	B	Hallway 18	Door Casing	Wood	POOR	White	0	1.97	Positive	13.7 +/- 10.4
315	First	All	Hallway 18	Baseboard	Wood	FAIR	White	0	10	Positive	15.6 +/- 11.6
329	First	All	Living Room 19	Baseboard	Wood	FAIR	White	0	10	Positive	17.8 +/- 12.7
330	First	B	Living Room 19	Door Casing	Wood	POOR	Brown	0	6.81	Positive	17.1 +/- 12.4
331	First	B	Living Room 19	Door Jamb	Wood	POOR	Brown	0	10	Positive	18.1 +/- 12.4
332	First	C	Living Room 19	Door Jamb	Wood	POOR	Brown	0	5.12	Positive	4.7 +/- 2.5
333	First	C	Living Room 19	Door Casing	Wood	POOR	Brown	0	3.46	Positive	12.8 +/- 10.4
334	First	C	Living Room 19	Door Casing	Wood	POOR	Brown	0	2.16	Positive	17.7 +/- 12.5
335	First	A	Living Room 19	Win. Casing	Wood	FAIR	Brown	0	10	Positive	17 +/- 12.4
336	First	A	Living Room 19	Win. Sash	Wood	FAIR	Brown	0	8.73	Positive	8.9 +/- 5.6
337	First	A	Living Room 19	Win. Sill/Stool	Wood	FAIR	Brown	0	10	Positive	14.6 +/- 11.3
338	First	D	Living Room 19	Win. Sill/Stool	Wood	POOR	White	0	10	Positive	23.6 +/- 15.3
339	First	D	Living Room 19	Win. Casing	Wood	POOR	White	0	4.05	Positive	14 +/- 10.7
340	First	D	Living Room 19	Win. Sash	Wood	POOR	White	0	10	Positive	12.3 +/- 9.9
345	First	B	Dining Room 20	Baseboard	Wood	POOR	White	0	8.18	Positive	11.6 +/- 9.9
346	First	D	Dining Room 20	Baseboard	Wood	FAIR	Brown	0	3.71	Positive	11.4 +/- 6.5
349	First	A	Dining Room 20	Door Casing	Wood	FAIR	Brown	0	3.18	Positive	11.2 +/- 9.8
350	First	B	Dining Room 20	Win. Casing	Wood	POOR	Brown	0	5.68	Positive	11.5 +/- 6.6

APPENDIX B
Lead Paint ONLY Samples - Ordered by Room
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Client			Global Environmental Engineering								
Survey Location:			616&618 University Ave., Flint, MI 48503								
Survey Date:			10/05/10								
Inspector:			Matt Duncan		***License #:***	*P-03345*			***Job #:***	*134308*	
Sample #	**Floor**	**Wall / Side**	**Room and #**	**Component**	**Substrate**	**Visual Condition**	**Color**	**Note**	**Depth Index**	**Result**	**$^{mg}/_{cm}{}^{2}$ +/- Precision**
357	First	A	Dining Room 20	Wall	Plaster	FAIR	Brown	0	4.24	Positive	1.6 +/- 0.6
372	First	C	Kitchen 21	Win. Sash upper	Wood	POOR	White	0	10	Positive	11.7 +/- 9.8
373	First	C	Kitchen 21	Win. Jamb	Wood	POOR	White	0	10	Positive	11.1 +/- 9.4
378	First	D	Kitchen 21	Win. Sash	Wood	POOR	Brown	0	5.11	Positive	12.9 +/- 10.5
379	First	D	Kitchen 21	Win. Casing	Wood	POOR	Brown	0	6.12	Positive	17 +/- 12.4
380	First	D	Kitchen 21	Win. Sill/Stool	Wood	POOR	Brown	0	4.04	Positive	27.7 +/- 16.5
385	Basement	C	Stair 22	Door Stop	Wood	POOR	Brown	0	3.51	Positive	15.2 +/- 11.2
386	Basement	C	Stair 22	Door Jamb	Wood	POOR	Brown	0	4.44	Positive	12.8 +/- 10.3
390	Basement	Center	Basement 23	Column	Wood	POOR	White	0	3.26	Positive	23.2 +/- 14.9
391	Basement	D	Basement 23	Win. Sash	Wood	POOR	White	0	1.42	Positive	3 +/- 1.3
399	Basement	A	Basement 23	Bookcase	Wood	POOR	White	0	7.47	Positive	1.3 +/- 0.3
403	Basement	A	Basement 23	Wall	Wood	FAIR	White	0	1.76	Positive	10.2 +/- 9.1
406	First	A	Exterior House 24	Wall	Wood	POOR	Grey	0	4.9	Positive	9.9 +/- 8.9
407	First	A	Exterior House 24	Win. Casing	Wood	POOR	White	0	5.18	Positive	15.4 +/- 11.5
408	First	A	Exterior House 24	Door Casing	Wood	POOR	White	0	2.39	Positive	17.1 +/- 12.3
409	First	A	Exterior House 24	Win. Sill/Stool	Wood	POOR	White	0	6.02	Positive	15 +/- 11.4
410	First	A	Exterior House 24	Win. Well/Trough	Wood	POOR	White	0	6.63	Positive	15.4 +/- 11.5
411	First	A	Exterior House 24	Win. Jamb	Wood	POOR	Black	0	5.58	Positive	20 +/- 13.6
412	First	A	Exterior House 24	Win. Sash	Wood	POOR	Black	0	1.98	Positive	1.9 +/- 0.7
416	First	A	Exterior House 24	Porch Beam	Wood	POOR	White	0	7.8	Positive	20.6 +/- 13.9
417	First	A	Exterior House 24	Porch Support Column	Wood	POOR	White	0	8.64	Positive	20.4 +/- 13.9
420	First	All	Exterior House 24	Ext. Soffit	Wood	POOR	White	0	4.33	Positive	3.2 +/- 2.1
421	First	All	Exterior House 24	Ext. Fascia	Wood	POOR	White	0	2.59	Positive	15.2 +/- 11.8
423	First	B	Exterior House 24	Wall	Wood	POOR	Grey	0	3.06	Positive	11.6 +/- 9.3
424	First	B	Exterior House 24	Win. Casing	Wood	POOR	White	0	4.32	Positive	39.5 +/- 21.7
425	First	B	Exterior House 24	Win. Jamb	Wood	POOR	White	0	2.95	Positive	40.3 +/- 21.7
426	First	B	Exterior House 24	Win. Well/Trough	Wood	POOR	White	0	3.4	Positive	39.9 +/- 21.4
428	Basement	B	Exterior House 24	Win. Casing	Wood	POOR	Black	0	4.6	Positive	19.8 +/- 13.5
432	First	A	Exterior House 24	Porch Apron	Wood	POOR	White	0	3.81	Positive	3.6 +/- 2.1
433	First	A	Exterior House 24	Railing	Wood	POOR	White	0	4.03	Positive	5.1 +/- 3.8
434	First	All	Exterior House 24	Ext. Fascia	Wood	POOR	White	0	3.99	Positive	2.5 +/- 1.2
435	First	All	Exterior House 24	Ext. Fascia	Wood	POOR	White	0	4.71	Positive	3.8 +/- 1.8
436	First	A	Exterior House 24	Porch Support Column	Wood	POOR	White	0	9.61	Positive	41.1 +/- 22.4
437	First	A	Exterior House 24	Porch Beam	Wood	POOR	White	0	7.69	Positive	39.2 +/- 21.6
438	First	A	Exterior House 24	Win. Casing	Wood	POOR	White	0	4.7	Positive	32.1 +/- 18.8
439	First	A	Exterior House 24	Win. Jamb	Wood	POOR	White	0	4.55	Positive	35.9 +/- 20.2
440	First	A	Exterior House 24	Win. Sill/Stool	Wood	POOR	White	0	4.62	Positive	25.6 +/- 15.8
441	First	A	Exterior House 24	Win. Well/Trough	Wood	POOR	White	0	3.78	Positive	25 +/- 15.4
442	First	A	Exterior House 24	Win. Sash	Wood	POOR	White	0	3.63	Positive	7.7 +/- 5.1
443	First	A	Exterior House 24	Door Casing	Wood	POOR	White	0	7.87	Positive	32.9 +/- 19.2

APPENDIX B
Lead Paint ONLY Samples - Ordered by Room
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Client			Global Environmental Engineering								
Survey Location:			616&618 University Ave., Flint, MI 48503								
Survey Date:			10/05/10								
Inspector:			Matt Duncan		***License #:***	*P-03345*			***Job #:***	*134308*	
Sample #	**Floor**	**Wall / Side**	**Room and #**	**Component**	**Substrate**	**Visual Condition**	**Color**	**Note**	**Depth Index**	**Result**	**$^{mg}/_{cm}{}^{2}$ +/- Precision**
446	First	A	Exterior House 24	Porch Floor	Wood	POOR	Red	0	3.98	Positive	2.2 +/- 0.8
447	First	A	Exterior House 24	Door Threshold	Wood	POOR	Red	0	2.66	Positive	14.7 +/- 11.5
448	First	A	Exterior House 24	Wall	Wood	POOR	Grey	0	5.05	Positive	31 +/- 18.3
449	First	A	Exterior House 24	Porch Ceiling	Wood	POOR	Grey	0	3.05	Positive	4 +/- 2.4
450	First	D	Exterior House 24	Porch Ceiling	Wood	POOR	Grey	0	3.79	Positive	24.8 +/- 15.4
451	First	D	Exterior House 24	Wall	Wood	POOR	Grey	0	3.66	Positive	34.7 +/- 19.7
452	First	D	Exterior House 24	Porch Support Column	Wood	POOR	White	0	10	Positive	31.8 +/- 18.9
453	First	D	Exterior House 24	Porch Beam	Wood	POOR	White	0	4.5	Positive	30.5 +/- 17.5
454	First	D	Exterior House 24	Win. Casing	Wood	POOR	White	0	6.71	Positive	35.2 +/- 19.7
455	First	D	Exterior House 24	Win. Sill/Stool	Wood	POOR	White	0	5.84	Positive	34.1 +/- 19.5
456	First	D	Exterior House 24	Win. Well/Trough	Wood	POOR	White	0	5.13	Positive	33.3 +/- 19.6
457	First	D	Exterior House 24	Win. Jamb	Wood	POOR	White	0	5.78	Positive	35.6 +/- 20.1
458	First	D	Exterior House 24	Win. Sash	Wood	POOR	Black	0	2.48	Positive	4.5 +/- 3.3
459	First	D	Exterior House 24	Porch Floor	Wood	POOR	Red	0	4.67	Positive	8.6 +/- 5.2
460	First	D	Exterior House 24	Ext. Gutter	Metal	POOR	White	0	4.76	Positive	1.6 +/- 0.4
461	First	All	Exterior House 24	decorative trim	Wood	POOR	White	0	5.02	Positive	33.4 +/- 19.1
462	First	All	Exterior House 24	Wall Casing	Wood	POOR	White	0	2.62	Positive	10.3 +/- 9.3
463	First	All	Exterior House 24	gutter system	Metal	POOR	White	0	3.26	Positive	2.1 +/- 0.9
464	First	C	Exterior House 24	Wall	Wood	POOR	Grey	0	2.9	Positive	25.9 +/- 16.6
465	First	C	Exterior House 24	Win. Casing	Wood	POOR	White	0	3.14	Positive	38.6 +/- 21.3
466	First	C	Exterior House 24	Win. Jamb	Wood	POOR	White	0	3.52	Positive	34.3 +/- 19.7
467	First	B	Exterior House 24	Porch Support Column	Wood	POOR	White	0	5.81	Positive	18.2 +/- 12.6
468	First	B	Exterior House 24	Porch Ceiling	Wood	POOR	White	0	4.11	Positive	7.8 +/- 5.1
469	First	B	Exterior House 24	Wall	Wood	POOR	Grey	0	4.85	Positive	32.4 +/- 18.8
471	First	B	Exterior House 24	Railing	Wood	POOR	White	0	5.38	Positive	12.6 +/- 10.6
474	First	B	Exterior House 24	Win. Casing	Wood	POOR	White	0	3.19	Positive	33.2 +/- 19
475	First	B	Exterior House 24	Win. Sash	Wood	POOR	Black	0	3.16	Positive	41.3 +/- 22.2
476	First	C	Exterior House 24	Win. Sash	Wood	POOR	Black	0	2.86	Positive	39.4 +/- 21.6
477	First	C	Exterior House 24	Win. Casing	Wood	POOR	White	0	3.33	Positive	39.6 +/- 21.6
478	First	C	Exterior House 24	Door Casing	Wood	POOR	White	0	4.32	Positive	17.3 +/- 12.4
479	First	C	Exterior House 24	Door Jamb	Wood	POOR	White	0	2.31	Positive	17.4 +/- 12.4
480	First	C	Exterior House 24	Railing	Wood	POOR	White	0	8.03	Positive	13.7 +/- 10.6
481	First	C	Exterior House 24	Porch Support Column	Wood	POOR	White	0	5.58	Positive	17.7 +/- 12.7
482	First	C	Exterior House 24	Porch Ceiling	Wood	POOR	Grey	0	4.89	Positive	11.6 +/- 9.7
483	First	C	Exterior House 24	Wall	Wood	POOR	Grey	0	2.79	Positive	10.7 +/- 9.6
484	First	C	Exterior House 24	Door Threshold	Wood	POOR	Grey	0	3.34	Positive	4.1 +/- 2.4
487	First	A	Ext. Garage 25	Wall	Wood	POOR	White	0	2	Positive	1.3 +/- 0.2
488	First	D	Ext. Garage 25	Wall	Wood	POOR	White	0	2.39	Positive	3.1 +/- 1.7
489	First	D	Ext. Garage 25	Win. Sash	Wood	POOR	White	0	1.95	Positive	1.5 +/- 0.4
490	First	D	Ext. Garage 25	Win. Casing	Wood	POOR	White	0	2.75	Positive	3.9 +/- 2.2

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Client			Global Environmental Engineering								
Survey Location:			616&618 University Ave., Flint, MI 48503								
Survey Date:			10/05/10								
Inspector:			Matt Duncan		***License #:***	*P-03345*			***Job #:***	*134308*	
Sample #	**Floor**	**Wall / Side**	**Room and #**	**Component**	**Substrate**	**Visual Condition**	**Color**	**Note**	**Depth Index**	**Result**	**$^{mg}/_{cm}{}^{2}$ +/- Precision**
491	First	A	Ext. Garage 25	Win. Casing	Wood	POOR	White	0	1.46	Positive	1.9 +/- 0.6
492	First	A	Ext. Garage 25	Door	Wood	POOR	White	0	3.79	Positive	4.5 +/- 3.1
493	First	B	Ext. Garage 25	Wall	Wood	POOR	White	0	1.84	Positive	1.7 +/- 0.6
494	First	All	Ext. Garage 25	Trim	Wood	POOR	White	0	1.83	Positive	2.3 +/- 1.2

APPENDIX C

Potential Hazards
(One set for the grounds, exterior and common areas And one set for each unit tested)

APPENDIX C
Potential Future Lead Paint Hazards - Ordered by Room
Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client	Global Environmental Engineering
Survey Location:	616&618 University Ave., Flint, MI 48503
Survey Date:	10/05/10

Inspector:	Matt Duncan	***License #:***	*P-03345*	***Job #:***	*134308*

Sample #	Floor	Wall / Side	Room and #	Component	Substrate	Visual Condition	Color	Note	Depth Index	Result	$^{mg}/_{cm^2}$ +/- Precision
15	First	A	Living Room 1	Win. Casing	Wood	FAIR	Brown	0	4.77	Positive	19.1 +/- 13.1
16	First	A	Living Room 1	Win. Sill/Stool	Wood	FAIR	Brown	0	5.64	Positive	21.8 +/- 14.5
17	First	A	Living Room 1	Win. Sash	Wood	FAIR	Brown	0	2.97	Positive	14.3 +/- 10.8
18	First	D	Living Room 1	Win. Sash	Wood	FAIR	Brown	0	4.57	Positive	16 +/- 11.8
19	First	D	Living Room 1	Win. Casing	Wood	FAIR	Brown	0	4.14	Positive	19.9 +/- 13.6
20	First	D	Living Room 1	Win. Sill/Stool	Wood	FAIR	Brown	0	3.32	Positive	13.5 +/- 11.1
22	First	B	Living Room 1	Door Casing	Wood	FAIR	Brown	0	1.82	Positive	7.9 +/- 5.3
23	First	B	Living Room 1	Door Jamb	Wood	FAIR	Brown	0	2.42	Positive	3.6 +/- 2
24	First	C	Living Room 1	Door Jamb	Wood	FAIR	Brown	0	4.11	Positive	19.9 +/- 13.5
25	First	C	Living Room 1	Door Casing	Wood	FAIR	Brown	0	3.8	Positive	10.1 +/- 5.9
95	Basement	D	Basement 5	Wall	Cinder Block	FAIR	White	0	2.46	Positive	2.7 +/- 1.1
109	First	A	Entry 6	Door Jamb	Wood	INTACT	White	0	6.39	Positive	1.5 +/- 0.5
124	First	D	Attic Stair 7	Wall	Wood	FAIR	Brown	0	1.82	Positive	4 +/- 2.7
145	Second	All	Hallway 8	Baseboard	Wood	FAIR	White-brown	0	2.1	Positive	4.6 +/- 3.3
146	Second	All	Hallway 8	Door Casing	Wood	FAIR	Brown	0	2.27	Positive	4.6 +/- 3.4
147	Second	All	Hallway 8	Door Jamb	Wood	FAIR	Brown	0	2.51	Positive	14.9 +/- 11.2
153	Second	A	Bedroom 9	Door Casing	Wood	FAIR	Blue	0	3.9	Positive	5.2 +/- 3.4
156	Second	A	Bedroom 9	Lead Splatter on Wall	Paneling	FAIR	White	0	1.98	Positive	25.1 +/- 16.6
164	Second	C	Bedroom 9	Win. Casing	Wood	FAIR	Grey	0	4.35	Positive	5.2 +/- 3.7
165	Second	C	Bedroom 9	Win. Sash	Wood	FAIR	White	0	3.75	Positive	9.5 +/- 5.7
168	Second	B	Bedroom 9	Win. Casing	Wood	FAIR	White	0	3.23	Positive	3.4 +/- 2.2
169	Second	B	Bedroom 9	Win. Sash	Wood	FAIR	White	0	1.48	Positive	1.9 +/- 0.6
171	Second	All	Bedroom 10	Baseboard	Wood	FAIR	White	0	2.58	Positive	5 +/- 3.8
175	Second	C	Bedroom 10	Door Casing	Wood	FAIR	White	0	2.96	Positive	4.3 +/- 2.5
176	Second	B	Bedroom 10	Door Casing	Wood	FAIR	White	0	2.53	Positive	4.2 +/- 2.3
177	Second	B	Bedroom 10	Door Jamb	Wood	FAIR	White	0	3.01	Positive	4.1 +/- 2.4
179	Second	A	Bedroom 10	Win. Casing	Wood	FAIR	White	0	3.42	Positive	4.4 +/- 2.8
207	Second	C	Bathroom 12	Win. Casing	Wood	FAIR	Brown	0	7.69	Positive	16.7 +/- 12.2
209	Second	C	Bathroom 12	Win. Jamb	Wood	FAIR	Brown	0	10	Positive	11.4 +/- 9.7
210	Second	B	Bathroom 12	Door Casing	Wood	FAIR	Brown	0	10	Positive	18.5 +/- 13.5
231	Second	All	Hallway 13	Door Jamb	Wood	FAIR	Brown	0	10	Positive	5.4 +/- 2.5
232	Second	All	Hallway 13	Door Casing	Wood	FAIR	Brown	0	4.47	Positive	18.8 +/- 12.9
253	Second	All	Bedroom 14	Baseboard	Wood	FAIR	White	0	1	Positive	11.6 +/- 9.9
264	Second	D	Bedroom 15	Win. Casing	Wood	FAIR	White	0	10	Positive	3.8 +/- 2.2
273	Second	All	Bedroom 15	Baseboard	Wood	FAIR	White	0	10	Positive	4.1 +/- 2.2
289	Second	A	Bedroom 16	Clos. jamb	Wood	FAIR	White	0	10	Positive	2.4 +/- 1.3
290	Second	A	Bedroom 16	Clos. Casing	Wood	FAIR	White	0	10	Positive	2.8 +/- 1.7
291	Second	A	Bedroom 16	Door Casing	Wood	FAIR	White	0	10	Positive	2.5 +/- 1.4
294	Second	All	Bedroom 16	Baseboard	Wood	FAIR	White	0	10	Positive	2 +/- 0.8

APPENDIX C
Potential Future Lead Paint Hazards - Ordered by Room
Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client			Global Environmental Engineering								
Survey Location:			616&618 University Ave., Flint, MI 48503								
Survey Date:			10/05/10								
Inspector:			Matt Duncan		***License #:***	*P-03345*			***Job #:***	*134308*	
Sample #	**Floor**	**Wall / Side**	**Room and #**	**Component**	**Substrate**	**Visual Condition**	**Color**	**Note**	**Depth Index**	**Result**	**$^{mg}/_{cm^2}$ +/- Precision**
300	Second	C	Bedroom 16	Win. Casing	Wood	FAIR	White	0	10	Positive	2.1 +/- 0.8
309	Second	B	Attic Stair 17	Stair Stringer	Wood	FAIR	Brown	0	10	Positive	19.1 +/- 12.8
313	First	A	Hallway 18	Door Casing	Wood	FAIR	Brown	0	10	Positive	16.7 +/- 12.2
315	First	All	Hallway 18	Baseboard	Wood	FAIR	White	0	10	Positive	15.6 +/- 11.6
329	First	All	Living Room 19	Baseboard	Wood	FAIR	White	0	10	Positive	17.8 +/- 12.7
335	First	A	Living Room 19	Win. Casing	Wood	FAIR	Brown	0	10	Positive	17 +/- 12.4
336	First	A	Living Room 19	Win. Sash	Wood	FAIR	Brown	0	8.73	Positive	8.9 +/- 5.6
337	First	A	Living Room 19	Win. Sill/Stool	Wood	FAIR	Brown	0	10	Positive	14.6 +/- 11.3
346	First	D	Dining Room 20	Baseboard	Wood	FAIR	Brown	0	3.71	Positive	11.4 +/- 6.5
349	First	A	Dining Room 20	Door Casing	Wood	FAIR	Brown	0	3.18	Positive	11.2 +/- 9.8
357	First	A	Dining Room 20	Wall	Plaster	FAIR	Brown	0	4.24	Positive	1.6 +/- 0.6
403	Basement	A	Basement 23	Wall	Wood	FAIR	White	0	1.76	Positive	10.2 +/- 9.1

APPENDIX D

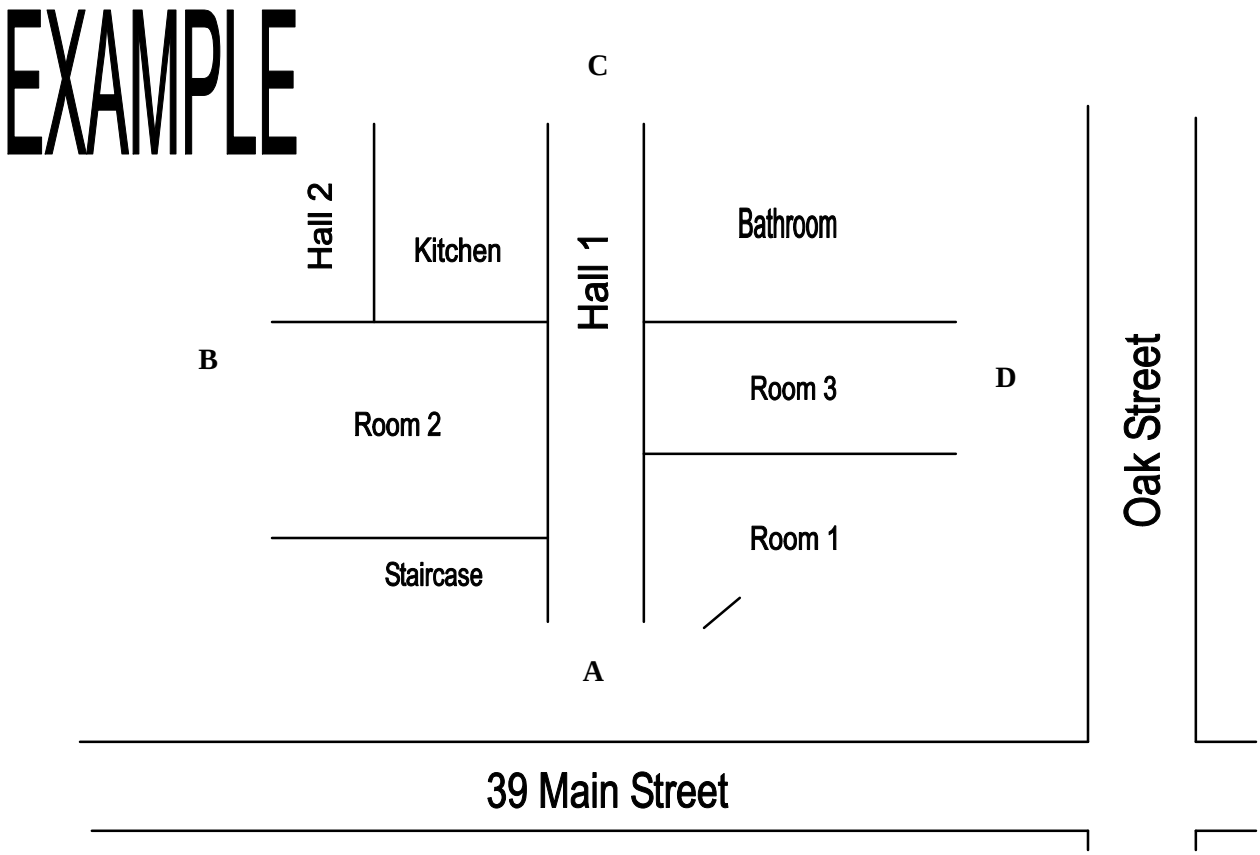
Maps of Residences

The inspection process uses a standard method of describing where lead paint is located. This is so that all parties involved will have a clear understanding as to what surfaces contain lead.

The outsides of the building will be lettered, starting with the letter A for the side of the building where the building gets its street address from. Starting at the A side, the rest of the building is lettered consecutively, clockwise around the building. Regardless of where the front door is located, the side of the building facing the street where the address is derived from will always be side A.

Inside the building, the process is much the same. The wall of each room that is nearest the A side of the building will be identified as wall A in the report. The wall nearest the B side will be labeled wall B, and so on.

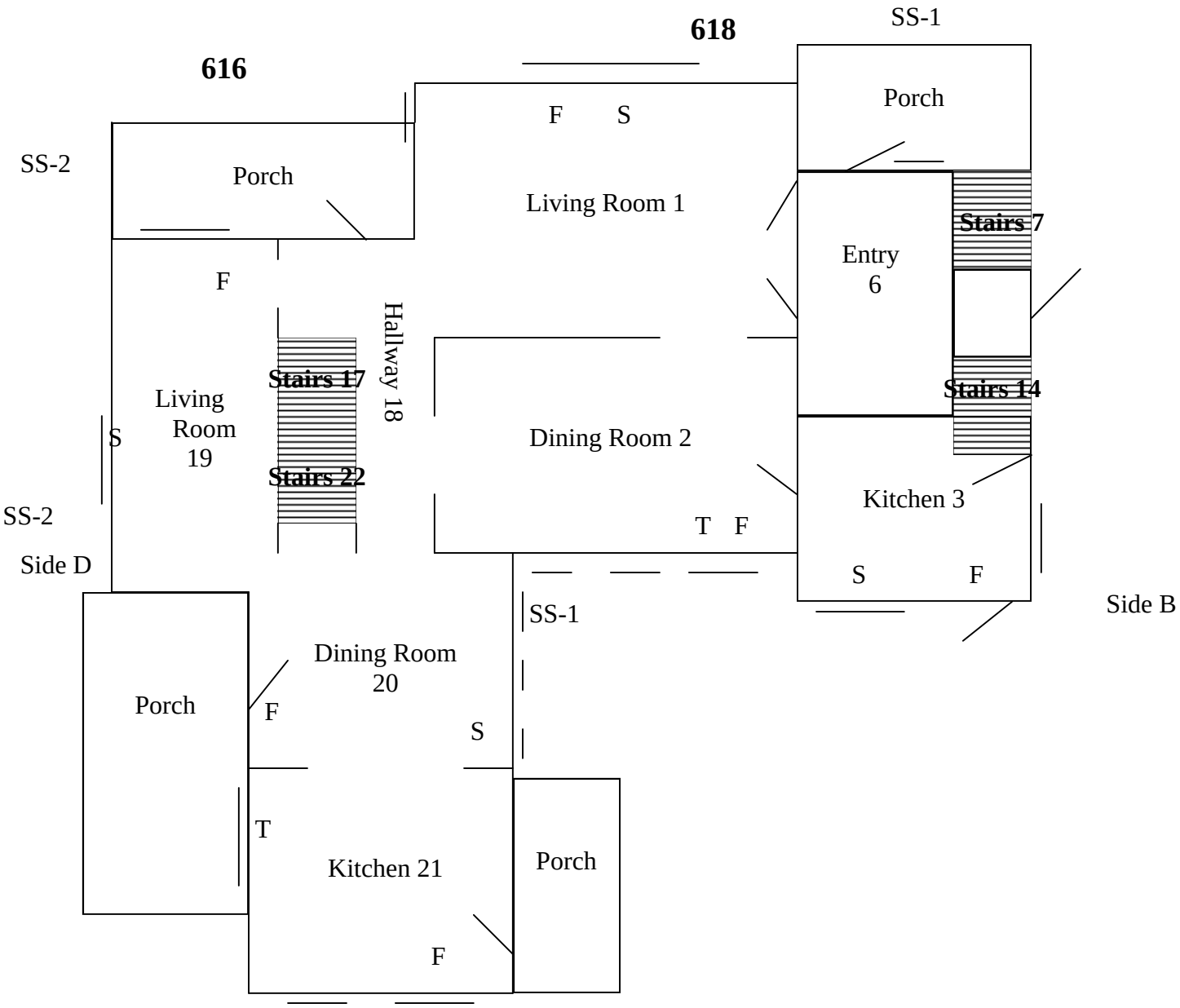
For identifying the rooms and other areas of the interior of the building, a numbering system is used. Most rooms, with the exception of the kitchen and bath could be used for different purposes. When numbers are used, deciphering which room is called what will not be required. See dwelling map and labeling to determine the locations of the tests and hazards.



Side A

616 & 618 University Avenue
Flint, MI 48503

First Floor



F = Floor Dust Wipe Sample
S = Windowsill Dust Wipe Sample
T = Window Trough Dust Wipe Sample

Side C

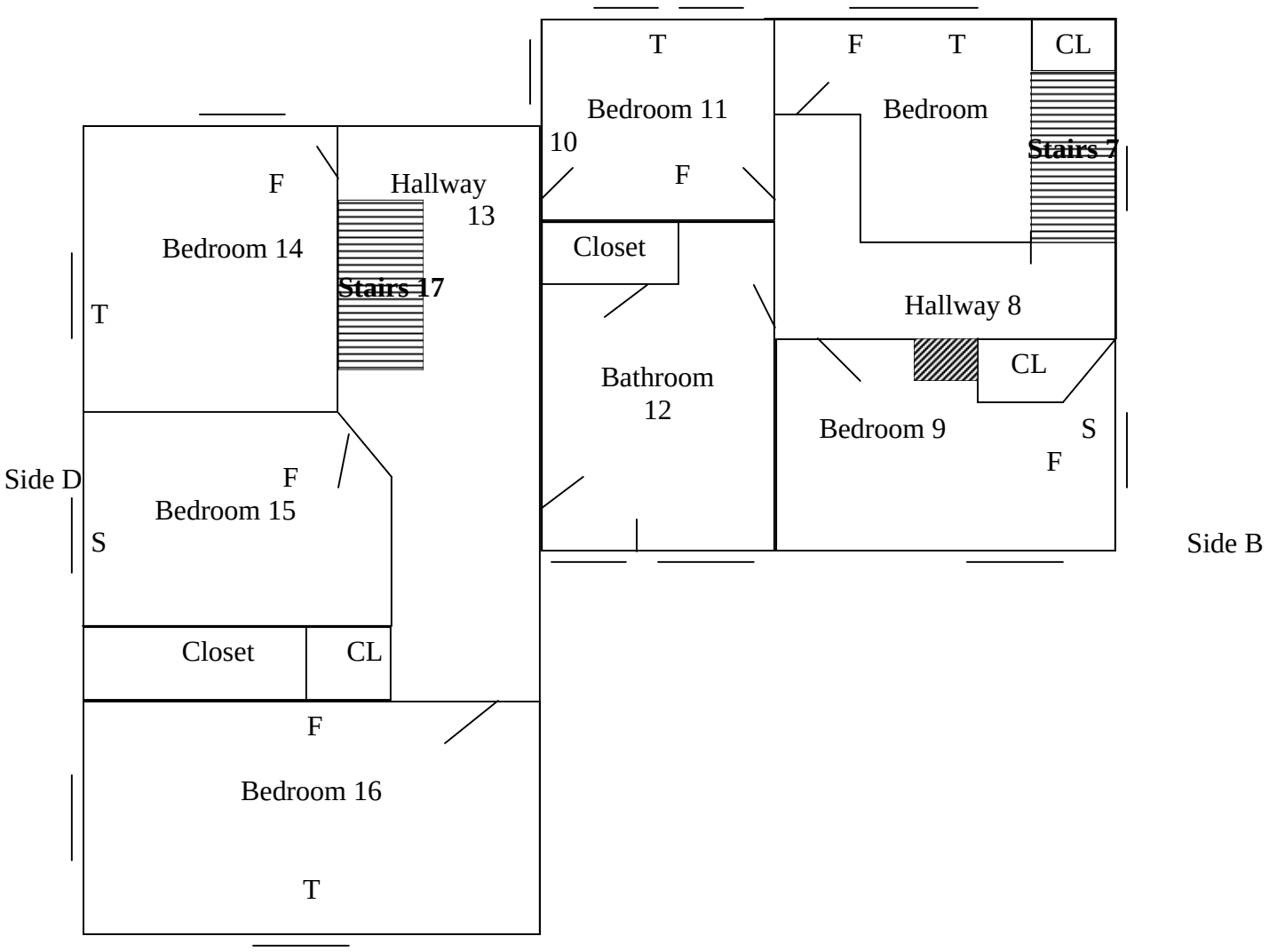
Please Note: This is a rough floor plan only. All items, (doorways, Windows, etc.) may not be included in this illustration. Also, room and component sizes are not drawn to scale.

| | = Win- | = Door | = Sliding | Pocket | = Overhead

Side A

616 & 618 University Avenue
Flint, MI 48503

Second Floor



F = Floor Dust Wipe Sample
S = Windowsill Dust Wipe Sample
T = Window Trough Dust Wipe Sample

Side C

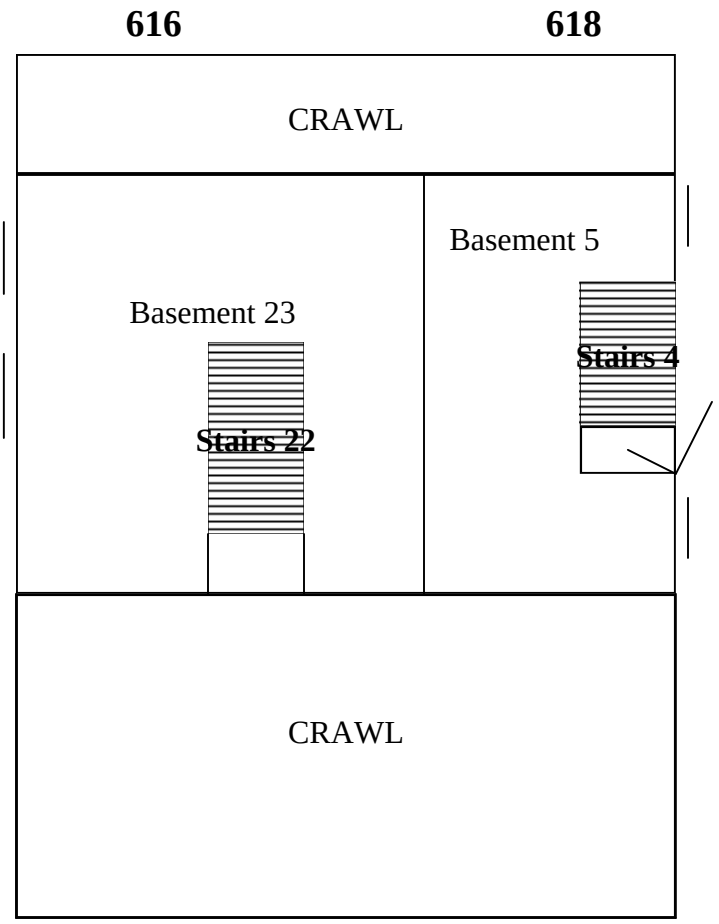
Please Note: This is a rough floor plan only. All items, (doorways, Windows, etc.) may not be included in this illustration. Also, room and component sizes are not drawn to scale.

= Win- = Door = Sliding Pocket = Overhead

Side A

616 & 618 University Avenue
Flint, MI 48503

Basement Level



Side D

Side B

Side C

F = Floor Dust Wipe Sample
S = Windowsill Dust Wipe Sample
T = Window Trough Dust Wipe Sample

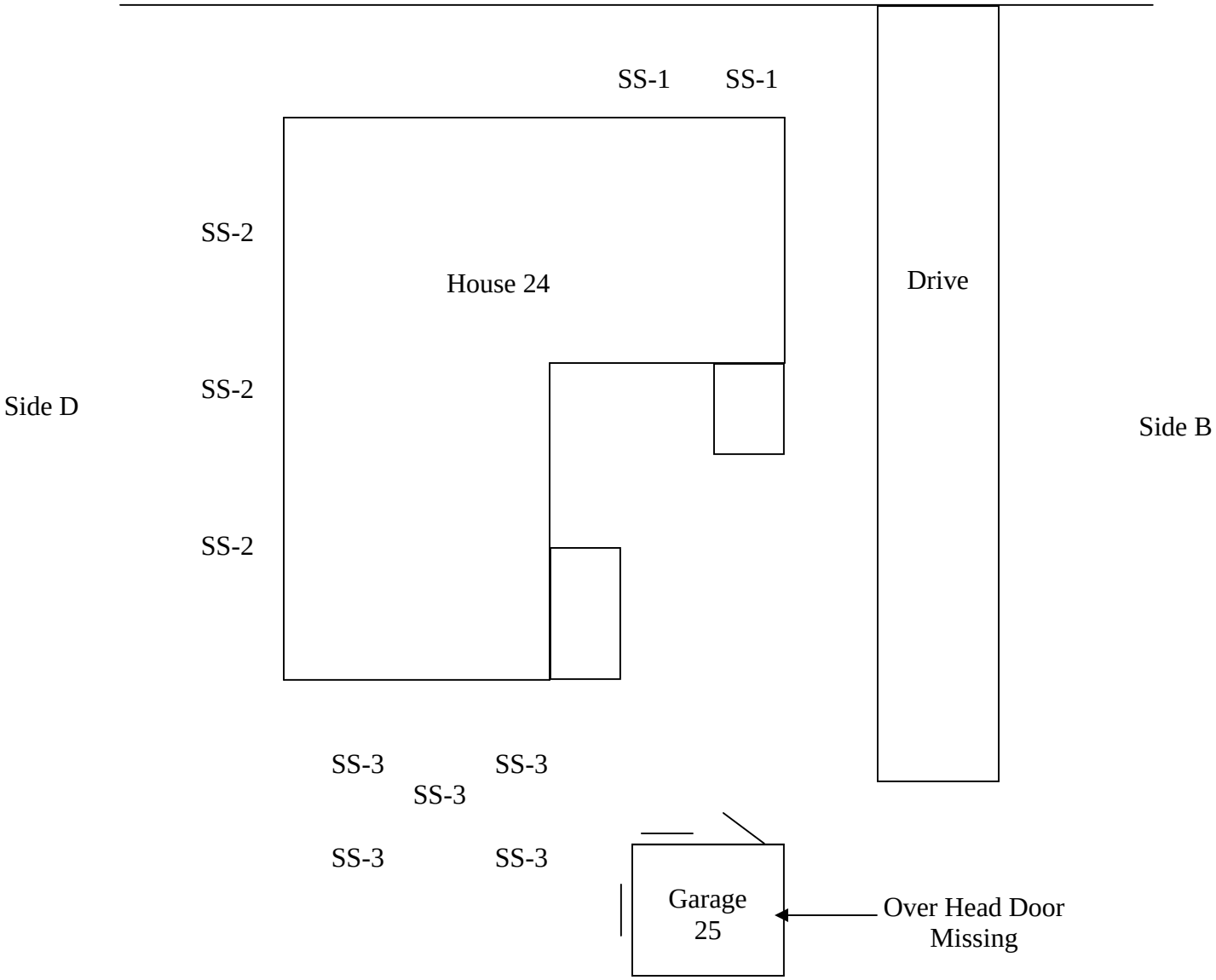
Please Note: This is a rough floor plan only. All items, (doorways, Windows, etc.) may not be included in this illustration. Also, room and component sizes are not drawn to scale.

= Win- = Door = Sliding Pocket = Overhead

Side A

616 & 618 University Avenue
Flint, MI 48503

Property Layout



F = Floor Dust Wipe Sample
S = Windowsill Dust Wipe Sample
T = Window Trough Dust Wipe Sample

Side C

Please Note: This is a rough floor plan only. All items, (doorways, Windows, etc.) may not be included in this illustration. Also, room and component sizes are not drawn to scale.

| | = Win- | = Door | = Sliding | Pocket | = Overhead

APPENDIX E

Resident Questionnaire for Each Unit
and
A Building Condition Form

RESIDENT QUESTIONNAIRE FOR 616 & 618 University Ave.

This residence was VACANT at the time of the inspection

1	Do any children under age 18 live (or visit regularly) in the home?			NO
2	How many? N/A—VACANT			
3	Any known elevated blood lead levels?		N/A	NO
4	Has a housing code violation ever been issued for this building?			Unknown
5	Are you aware of any lead paint hazards in this home? If yes where _____			NO
6	Location of children (under 7) bedrooms N/A			
7	Where do children eat? N/A			
8	What room are toys stored (children play)? N/A			
9	Which windows are opened most often? N/A—VACANT			
10	How many windows does the house have - 31 # need repair - ALL # of the total that are newer replacement windows after 1978 -?			
11	Rooms with window air conditioners N/A			
12	Where do children play outdoors? N/A—VACANT			
13	Have any renovation work items been completed in the last several years? If yes where and what - NO			
14	Was debris stored in the yard?			YES
15	Are you planning any renovations of the home? If yes, what / where / when COMPLETE REHAB OF THE ENTIRE PROPERTY			YES
16	Are you planning any landscaping activities? If yes, what / where _____			Maybe
17	Is there evidence of chewed, chipped, or peeling paints, toys, jewelry, etc.? If yes, what / where _____		YES	SEE XRF RESULTS
18	Have any previous lead inspections or assessments been completed at this property?			NO
19	Have any lead hazard control activities been conducted at this address?			NO
20	How many buildings on this property? TWO (2)			
21	Date of construction? 1800'S			
22	Which entrances are used most often?	FRONT	REAR	SIDE
23	Do you have a vegetable garden?			NO
24	Is there a dog or cat in the home?			NO
25	How often is house cleaned?		N/A	VACANT
26	What cleaning methods are used?		N/A	VACANT
27	Do any household members work in a field that might expose them to lead?			NO
28	If yes to 21, where are work clothes stored for cleaning? (Rooms # N/A)			
29	Who was interviewed for this section? MATT DUNCAN			

Building Condition Form

If two or more components have been found to be in poor condition, this house needs more than a Risk Assessment. A complete paint inspection will give information as to potential hazards not identified in a standard Risk Assessment.

Condition	**Yes**	**No**
Roof missing parts of surface covering?	**X**	
Roof has holes or large cracks?	**X**	
Gutters or downspouts broken?	**X**	
Chimney or masonry cracked, with loose or missing components, out of plumb or otherwise deteriorated?	**X**	
Exterior or interior walls have large cracks, or damage requiring more than routine painting?	**X**	
Exterior siding missing components?	**X**	
Water stains on interior walls or ceilings?	**X**	
Plaster walls deteriorated?	**X**	
Two or more windows or doors missing, broken or boarded up?	**X**	
Porch or steps have major cracks, missing materials, structural leans, or visibly unsound?	**X**	
Foundation has damage, structural problems, leans or is unsound?	**X**	
Other conditions not listed - MOLD GROWTH & FIRE DAMAGE	X	
**** LEAD SOLDER SPLATTER ALL OVER WALLS, FLOORS AND COMPONENTS IN BEDROOM 9**	X	
Total	**13**	**0**

APPENDIX F

Dust Sample Results (Unit by Unit)

Dust Sample Results for 616 University Ave.

Current limits for lead dust samples taken during combination surveys are as follows in micrograms per square foot (ug/ft^2):

Sample #	*Room Location*	*Component*	*Area Wiped (in sq. ft.)*	*Lead Concentration (in $^{ug}/_{ft^2}$)*
WS 1	**Living room 19**	**Floor**	**1.00**	**942.00**
WS 2	**Living room 19 side d**	**Window sill**	**1.53**	**2877.00**
WS 3	**Kitchen 21**	**Floor**	**1.00**	**745.00**
WS 4	**Kitchen 21 side d**	**Trough**	**0.83**	**20130.00**
WS 5	**Dining room 20**	**Floor**	**1.00**	**2719.00**
WS 6	**Dining room 20 side b**	**Window sill**	**0.64**	**1508.00**
WS 7	**Bedroom 14**	**Floor**	**1.00**	**531.00**
WS 8	**Bedroom 14 side d**	**Trough**	**0.53**	**67920.00**
WS 9	**Bedroom 15**	**Floor**	**1.00**	**2437.00**
WS 10	**Bedroom 15 side d**	**Window sill**	**0.69**	**4912.00**
WS 11	**Bedroom 16**	**Floor**	**1.00**	**2229.00**
WS 12	**Bedroom 16 side c**	**Trough**	**1.00**	**10540.00**

Dust Sample Results for Unit 618 University Ave.

Current limits for lead dust samples taken during combination surveys are as follows in micrograms per square foot (ug/ft^2):

Sample #	*Room Location*	*Component*	*Area Wiped (in sq. ft.)*	*Lead Concentration (in $^{ug}/_{ft^2}$)*
WS 1	**Living room 1**	**Floor**	**1.00**	**3359.00**
WS 2	**Living room 1 side a**	**Window sill**	**1.45**	**5431.00**
WS 3	**Dining room 2**	**Floor**	**1.0**	**4439.00**
WS 4	**Dining room 2 side c**	**Trough**	**0.35**	**34100.00**
WS 5	**Kitchen 3**	**Floor**	**1.00**	**2592.00**
WS 6	**Kitchen 3 side c**	**Window sill**	**0.70**	**16030.00**
WS 7	**Bedroom 9**	**Floor**	**1.00**	**15090.00**
WS 8	Bedroom 9 side b	Window sill	0.64	80.20
WS 9	**Bedroom 10**	**Floor**	**1.00**	**22480.00**
WS 10	**Bedroom 10 side a**	**Trough**	**0.57**	**41610.00**
WS 11	**Bedroom 11**	**Floor**	**1.00**	**2287.00**
WS 12	**Bedroom 11 side a**	**Trough**	**0.35**	**78040.00**

APPENDIX G

Re-Evaluation Schedule Chart

Standard Reevaluation Schedule
(See Notes to Table)

Schedule	Evaluation Results	Action Taken	Reevaluation Frequency	Visual Survey (by owner or owner's representative)
1	Combination risk assessment/inspection finds no leaded dust or soil and no lead-based paint	None	None	None
2	No lead-based paint hazards found during risk assessment conducted before hazard control or at clearance (hazards include dust and soil).	None	3 years	Annually and whenever information indicates a possible problem
3	The average of leaded dust levels on all floors, interior window sills, or window troughs sampled exceeds the applicable standard, but by less than a factor of 10.	A. Interim controls and/or hazard abatement (or mixture of the two), including, but not necessarily limited to, dust removal. This schedule does not include window replacement. B. Treatments specified in section A plus replacement of all windows with lead hazards C. Abatement of all lead-based paint using encapsulation or enclosure D. Removal of all lead-based paint	1 year, 2 years 1 year None None	Same as Schedule 2, except for encapsulants. The first visual survey of encapsulants should be done one month after clearance; the second should be done six months later and annually thereafter. Same as Schedule 3 above None
4	The average of leaded dust levels on all floors, interiors window sills, or window troughs sampled exceeds the applicable standard by a factor of 10 or more	A. Interim controls and/or hazard abatement (or mixture of the two), including, but not necessarily limited to, dust removal. This schedule does not include window replacement. B. Treatments specified in section A plus replacement of all windows with lead hazards C. Abatement of all lead-based paint using encapsulation or enclosure D. Removal of all lead-based paint	6 months, 1 year, 2 years 6 months 2 years None None	Same as Schedule 3 Same as Schedule 3 Same as Schedule 3 None
5	No leaded dust or leaded soil hazards identified, but lead-based paint or lead-based paint hazards are found.	A. Interim controls or mixture of interim controls and abatement (not including window replacement) B. Mixture of interim controls and abatement, including window replacement C. Abatement of all lead-based paint hazards, but not all lead-based paint D. Abatement of all lead-based paint using encapsulation or enclosure E. Removal of all lead-based paint	2 years 3 years 4 years None None	Same as Schedule 3 Same as Schedule 3 Same as Schedule 3 Same as Schedule 3
6	Bare leaded soil exceeds standard, but less than 5.000 µ g/g.	Interim controls	None	3 months to check new ground cover, then annually to identify new bare spots
7	Bare leaded soil greater than or equal to 5.000 µ g/g.	Abatement (paving or removal)	None	None for removal, annually to identify new bare spots or deterioration of paving

Standard Reevaluation Schedule (continued)

Notes to Table:

When more than one schedule applies to a dwelling, use the one with the most stringent reevaluation schedule. Do not use the results of a reevaluation for Schedule 2.

A lead-based paint hazard includes deteriorated lead-based paint and leaded dust and soil above applicable standards.

The frequency of reevaluations and the interval between reevaluations depends on the findings at each reevaluation and the action taken. For example, a dwelling unit or common area falling under Schedule 3.A would be reevaluated one year after clearance. If no lead-based paint hazards are detected at that time, the unit or area would be reevaluated again two years after the first reevaluation. If no hazards are found in the second reevaluation, no further reevaluation is necessary, but annual visual monitoring should continue.

If, on the other hand, the unit or common area fails a reevaluation, a new reevaluation schedule should be determined based on the results of the reevaluation and the action taken. For instance, if the reevaluation finds deteriorated lead-based paint but no lead-contaminated dust, and the action taken is paint stabilization, Schedule 5.A would apply, which indicates that the next reevaluation should be in two years. If, however, the owner of this same property decides to abate all lead-based paint hazards instead of doing only paint stabilization, the property would move to Schedule 5.C, which calls for reevaluation four years from the date of clearance after the hazard abatement

Following another scenario, suppose a reevaluation of this same dwelling unit or common area finds that the average dust lead levels on sampled window troughs exceeds the applicable standard by a factor of 10 or more, but no other lead-based paint hazards. The owner conducts dust removal. In this case the next reevaluation would be six months after clearance.

The initial evaluation results determine which reevaluation schedule should be applied. An initial evaluation can be a risk assessment, a risk assessment/ inspection combination, or, if the owner has opted to bypass the initial evaluation and proceed directly to controlling suspected hazards, a combination risk assessment/clearance examination. This type of clearance must be conducted by a certified risk assessor, who should determine if all hazards were in fact controlled. The results of the initial clearance dust tests, soil sampling and visual examination should be used to determine the appropriate schedule. If repeated cleaning was necessary to achieve clearance, use the results of the dust tests before repeated cleaning was performed for schedule determination.

If a unit fails two consecutive reevaluations, the reevaluation interval should be reduced by half and the number of reevaluations should be doubled. If deteriorated lead-based paint hazards continue to occur, then the offending components/surfaces should be abated. If dwellings with dust hazards but no paint-related hazards repeatedly fail reevaluations, the exterior source should be identified (if identification efforts fail, regular dust removal efforts are needed).

APPENDIX H

Site Photos

Front of Building (Side A)

Side B

Rear of Building (Side C)

Side D

Side C—2

Damaged Ceilings

Deteriorated Foundation

Deteriorated Wall—See Outside

Deteriorated Walls

Door Frame Missing

Fire Damage

Grey dust on floor from lead activity

Lead on closet walls

Lead debris on floor

Lead Debris

Lead on wall

Lead Splatter on closet wall

Lead Splatter on window

Mold growth

Lead debris

Paint chips on floor

Paint chips on exterior ground

Paint chips on porch

Plaster ceiling—poor condition—lead based

Possible Asbestos—Duct wrap, damaged

Renovation debris on the property