



# Genesee County Land Bank Authority Blight Elimination Program

Request for Proposals- Environmental Abatement & Disposal of  
Asbestos and Hazardous Materials & Demolition and Disposal  
of Residential Structures in the City of Flint & Genesee County

BID NUMBER: #LB: 18-023

**DUE DATE: Tuesday, January 8, 2019 at 3:00 pm EST**

As part of partnership between:

Genesee County Land Bank Authority (GCLBA)  
Genesee Metropolitan Planning Commission (GCMPC)  
Michigan State Housing Development Authority (MSHDA)  
Michigan Homeowner Assistance Nonprofit Housing Corporation (MHA)  
City of Flint  
City of Burton  
Flint Township  
Genesee Township  
Grand Blanc Township  
Mount Morris Township  
Thetford Township



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## REQUEST FOR PROPOSALS (RFP)

### REQUEST FOR PROPOSALS- ENVIRONMENTAL ABATEMENT & DISPOSAL OF ASBESTOS AND HAZARDOUS MATERIALS & DEMOLITION AND DISPOSAL OF RESIDENTIAL STRUCTURES IN THE CITY OF FLINT & GENESEE COUNTY

#### INTRODUCTION

##### Overview

Demolition of residential structures is being undertaken as an approved eligible activity under the Genesee County Land Bank Authority (GCLBA) Demolition Program. GCLBA invites the submission of proposals from contractors experienced and licensed to conduct the abatement, demolition and disposal of residential structures located in Genesee County. Funding sources for services to be provided include but are not limited to:

- Hardest Hit Fund Blight Elimination Program

Qualified demolition contractors may submit bids for the Scope of Work defined in this RFP. This proposal will be scored on the evaluation criteria set forth in this RFP. The GCLBA anticipates entering a contract for the Scope of Work set forth herein.

**Only firms/contractors that are on the GCLBA Bidder's list can respond to RFP's issued by the GCLBA.**

**Approved contractors that will not be responding to this RFP should only return the Attachment C.**

Addendums to this RFP can be found at [www.thelandbank.org](http://www.thelandbank.org) under the tab *Current Bids*. Prior to bidding, please check for updates to this proposal.

**Companies with demonstrated experience in the scope of work defined in this RFP and with an interest in making their services available to GCLBA are invited to respond to this RFP. "Bidders" means the companies or individuals that submit proposals in response to this RFP. The Bidder shall be financially solvent and each of its members if a joint venture, its employees, agents or sub-consultants of any tier shall be competent to perform the services required under this RFP document. "Contractor" means the Bidder whose proposal submitted in response to this RFP is selected for award of a contract.**

GCLBA is seeking to encourage participation by respondents who are MBE/WBE/DVBE and Section 3 business enterprises. Section 3 contracting goals for funding received through the City of Flint and the Department of Housing and Urban Development (HUD) are as follows: 10% of construction (demolition) subcontracts are to be awarded to agencies/businesses who are Section 3 certified, and 3% of non-construction subcontracts (ex - architectural, etc.) are to be awarded to agencies/businesses who are Section 3 certified.

For additional information please refer to Attachment E and the following links:

[https://portal.hud.gov/hudportal/HUD?src=/program\\_offices/fair\\_housing\\_equal\\_opp/section3/section3](https://portal.hud.gov/hudportal/HUD?src=/program_offices/fair_housing_equal_opp/section3/section3)

<https://portal.hud.gov/hudportal/documents/huddoc?id=11secfaqs.pdf>

Nothing in this RFP shall be construed to create any legal obligation on the part of GCLBA or any Bidder. GCLBA reserves the rights, in its sole discretion, to amend, suspend, terminate, or re-issue this RFP in whole or in part, at any stage. In no event shall GCLBA be liable to Bidders for any cost or damages incurred in connection with the RFP process, including but not limited to, any and all costs of preparing a response to this RFP or any other costs incurred in reliance on this RFP. No Bidder shall be entitled to repayment from GCLBA for any costs, expenses or fees related to this RFP. All supporting documentation submitted in response to this RFP will become the property of the GCLBA. Bidders may also withdraw their interest in the RFP, in writing, at any point in time as more information becomes known.

Each Bidder is responsible for labeling the exterior of the sealed envelope containing the proposal response with the proposal number, proposal name, proposal due date and time and your firm's name. Late proposals will not be accepted. The proposal request number and due date for this Bid is:

**PROPOSAL REQUEST NUMBER: #LB: 18-023**

**DUE DATE: Tuesday, January 8, 2019 @ 3:00 pm EST**

All inquiries relating to this RFP should be directed in writing to GCLBA Demolition Project Manager, Genesee County Land Bank, 452 S. Saginaw Street, 2<sup>nd</sup> Floor, Flint, Michigan 48502 or via email to [jmarcy@thelandbank.org](mailto:jmarcy@thelandbank.org) and [cfreeman@thelandbank.org](mailto:cfreeman@thelandbank.org)

No proposal may be withdrawn for a period of thirty (30) days after submission. Proposals offering less than thirty (30) days for acceptance by the Genesee County Land Bank from the date set for opening will be considered non-responsive and will be rejected.

The GCLBA reserves the right to reject any or all proposals and to waive irregularities or informalities as may be deemed in the GCLBA's interest. It is the GCLBA's intent to award the contract to the Bidder(s) whose proposal(s) is the most responsive, responsible and offers the best service to the GCLBA in accordance with criteria set forth in RFP. The GCLBA may choose to enter into multiple contracts for the same scope of services to ensure that there is enough capacity to complete the work in a timely manner, as required by the funding sources identified.

### **Time of Completion**

Any agreement awarded pursuant to this RFP solicitation shall be in accordance with the Scope of Work and compensation as outlined below, and, within a mutually agreed upon expedited timeframe.

### **Term of Contract**

It is anticipated that the Bidder(s) will start work on or around **Monday, February 04, 2019** depending on the readiness of the projects. Please note that some projects that may be awarded may later be cancelled prior to being issued a Notice to Proceed with Demolition depending on various factors including changes in priorities, readiness of projects prior to grant deadlines, and available funding. GCLBA reserves the right to cancel any project(s) that has been issued on a bid or entered into a contract if GCLBA has deemed project(s) infeasible and is

unable to proceed with the demolition. In the event a structure or structures itemized on this bid is destroyed or substantially destroyed by fire or other calamity beyond its present condition as determined by the GCLBA, or environmental hazards are found, at any time prior to actual demolition, the Authority reserves the right to remove the structure from the bid; or in the event of bid award, to remove the structure(s) from the award and reduce the price by the Contractors' bid for that structure(s). GCLBA also reserves the right to negotiate pricing.

Any agreement awarded pursuant to this RFP solicitation shall be for a contract period ending **Friday, June 7, 2019**, or until the funds are exhausted, whichever comes first. **Contractor(s) must provide work schedules and project status updates to the GCLBA on a weekly basis.**

The GCLBA has made the determination that this will be a WINTER-GRADE contract. All demolition and/or WINTER-GRADE work must be completed and GCLBA inspections requested by **Friday, March 29, 2019** and demolition and winter-grade payment requests must be submitted to the Demolition Project Manager by no later than **Friday, April 5, 2019**.

**Contractor will be responsible for any winter-grade inspection fees to local municipality if weather prevents Contractor(s) from completing final-grade and/or the local municipality is not issuing final-grade inspections. An amount of \$640.00 USD will be withheld from the contract for the final grade.** Timelines and adjustments will be discussed as necessary.

All final demolition work must be completed and GCLBA inspections requested by **Friday, May 31, 2019** and all paperwork and payment requests must be submitted to the Demolition Project Manager by no later than **Friday, June 7, 2019**.

If there are any incomplete payment request packets or if final demolition inspection is failed by the GCLBA Demolition Inspector, all packets will be rejected and returned to the Contractor for correction.

Once packet includes all of the required documentation, Contractor can resubmit to the GCLBA for processing. **When payment packets have been approved and include all required documentation, payment request will be submitted for processing.** Payment to Contractor will be made by the GCLBA in 30 to 60 days upon receiving approved and complete payment request packet for each project/address and all required submittals (invoice, sworn statement, lien waivers, manifests, etc.)

### **Background**

The GCLBA recently received funding from the State of Michigan in Hardest Hit Funds (HHF) through the Michigan Homeowner Assistance Nonprofit Housing Corporation (MHA) and the Michigan State Housing Development Authority (MSHDA) for demolition. The U.S. Department of the Treasury's Hardest Hit Fund, part of the federal Troubled Asset Relief Program (TARP), is designed to help homeowners in states hit hardest by the housing crisis. The Blight Elimination Program's (BE) primary purpose and goal is to focus efforts in designated areas across Michigan; on decreasing foreclosures and stabilizing neighborhoods through the demolition and greening of vacant and abandoned single family and multi family structures. See APPENDIX 3 for maps of the proposed project areas. Funding may also come from other various grants and or sources to include, but not limited to, the Community Development Block Grant funding.

**Federal, State, and Local Regulations**

This project will comply with all codes, standards, regulations, and workers' safety rules that are administered by federal agencies (EPA, OSHA, and DOT), state agencies (MIOSHA, MDEQ, MDOT, and DCH), and any other or relevant local regulations and standards that may apply.

Proposals shall be responsible for compliance with the following additional requirements:

**Certification Form Note****Bid Bond**

**Michigan Builders or M&A –Home Wrecking License**

**Michigan Accredited Asbestos Building Inspector Certification for Company**

**Michigan Accredited Asbestos Certification for Asbestos Supervisor**

**Michigan Accredited Asbestos Certification for workers**

**OSHA 40-hour Hazardous Waste Operations Certification (HAZWOPER)**

**OSHA 8-hour refresher HAZWHOPER Re-certification**

**Administrative Rules of Part 111, Hazardous Waste Management, of the NREPA, PA 451, 1994**

**Part 169, Scrap Tires, of the NREPA**

**Laboratory Certificate of Accreditation to ISO/IEC 17025:2005 in accordance with 40 CFR CH.1 (1-1-87 Edition), Part 763, Subpart F, Appendix A, pp.293-299.**

**Compliance with MIOSHA Part 602 Asbestos Standards for Construction (as amended June 5, 2013) [http://www.michigan.gov/documents/CIS\\_WSH\\_part602\\_37719\\_7.pdf](http://www.michigan.gov/documents/CIS_WSH_part602_37719_7.pdf)**

**OSHA 29 CFR 1926- Construction Industry Standards**

**29 CFR 1910.1001, 19326.1101 & 1915.1001 – Procedures of Occupational Exposure to Asbestos**

**29 CFR 1910.1200 – Hazard Communication**

**40 CFR Part 261- EPA Regulations**

**HUD Title X parts 1012-1013**

**Federal Labor Standards and Provisions**

**Equal Opportunity Clause**

**Section 3 Clause (See Attachment E)**

**HUD Contract and Subcontract Activity**

**Copeland Anti-kickback Act**

**Bidders Insurance Checklist (Attachment A)**

**Genesee County Labor Standards (Including Prevailing Wage & Wage Determination)**

**MHA Fraud, Waste and Abuse Policy and Affidavit (Attachment I)**

**And other Regulations Referenced throughout this document and attachments**

**PROFESSIONAL SERVICE REQUIREMENTS****Scope of Work**

The purpose of this project is to provide abatement, demolition, waste disposal, and site protection of blighted and/or dangerous structures located in the City of Flint and Genesee County. Applicants can respond to the proposal/ scope of services described below (*the complete scope of work is available in Appendix 1 and on the Land Banks website: [www.thelandbank.org](http://www.thelandbank.org)*).

**Note: Change orders will not be approved for this project.** Each Bidder must sign and submit the Certification of Site Visit Form as supplied in *Attachment D*, verifying that, if successful, any material missed by the Bidder in preparation of bid will be the responsibility of the successful Bidder to remove in compliance with all relevant rules and regulations at no additional cost.

***Some properties included in this bid contain vermiculite. Given the nature of the material, it is possible that additional vermiculite may be discovered during the abatement and demolition process. Please bid accordingly. Additional Change orders will not be accepted.***

**Summary Scope of Work: Abatement and Disposal of Environmentally Hazardous Materials from Residential Structures**

During the contract period, GCLBA anticipates the abatement and disposal of environmentally hazardous materials from specified residential structures prior to demolition of the structure(s).

The purpose of the abatement and disposal is to properly remove environmental hazardous materials/waste concerns associated with the structure, or within close proximity to the structure, that may require removal and disposal, or other consideration, before a structure is renovated, demolished or deconstructed.

**It is the policy and practice of the GCLBA to abate what can feasibly be abated despite the condition of the structure, whether or not a structure will ultimately be demolished as asbestos containing. Conditions inhibiting the abatement of identified materials must be thoroughly documented and explained.**

**Exceptions may be made in the case of roofing materials in good condition and in cases where a composite sample of drywall and joint compound contain less than 1% asbestos. Contractor will remove all identified ACM unless otherwise directed by the Land Bank.**

**In instances where Bidder intends to leave ACM in place during demolition, this must be specifically noted in the Work Plan with specific addresses and procedures identified.**

As described later in the specification, certain regulatory exemptions exist for the removal and disposal of environmental hazardous materials from residential structures. Regardless of any regulatory exemption, the GCLBA has decided to divert certain waste from landfill disposal and

therefore will identify select materials during the pre-demolition survey, which will require manifesting and transportation to a licensed treatment, storage, or disposal facility or other appropriate disposal location. A site specific Pre-Demolition Hazardous Materials Survey will be prepared by others and provided to the Contractor.

Any Contractor utilizing a subcontractor to achieve the demolition or abatement scope of work is required to manage their subcontractor and fulfill the indicated scope. Contractor(s) will be held responsible for all work performed by their subcontractor.

The Bidder is required to submit a Work Plan to include the following:

- A. Work Plan
  - 1. Address Specific Schedule and sequence of work
  - 2. Sampling and analysis protocols
  - 3. Quality Control
  - 4. Submittals

- B. Health and Safety Plan

A written Health and Safety Plan (HASP) shall be submitted prior to the start of Work. The HASP must be prepared to comply with the appropriate Federal, State, and local regulations, which mandate work practices. This plan must be submitted in writing to the Demolition Project Manager prior to the start of any site work.

Bidders can request access to Pre-demolition surveys by e-mailing their request to [jmarcy@thelandbank.org](mailto:jmarcy@thelandbank.org) and [cfreeman@thelandbank.org](mailto:cfreeman@thelandbank.org). Bidders will be invited to review information via Box.com.

It is the Contractor's responsibility to ensure to correct notifications are filed for these structures and that all relevant regulatory rules and guidelines are followed in during the abatement demolition of these structures.

**The Contractor is required to complete the Pre-Abatement Walk-through Form for each contracted property prior to beginning the relevant scope of abatement. The Pre-Abatement Walk-through form must be included in the Request for Payment package for each property (see Appendix 11).**

#### **Summary Scope of Work: Demolition and Disposal of Residential Structures**

During the contract period, GCLBA anticipates the demolition and disposal of structures across the respective areas until the available funds are exhausted.

For properties located outside the boundaries of the City of Flint, the Contractor will be responsible for securing water utility cuts from the appropriate local unit of government as identified in bid list(s). Permits and or receipts will need to be submitted with payment request packets as proof that cuts were authorized and secured. Contractor must ensure any additional



cost associated with securing water cuts for structures in bid list(s) are sufficiently represented in the fee under the demolition scope.

Site restoration is to include: fill and compaction of all disturbed areas, and seeding and mulch of the entire parcel/lot and the Right of Way per specification.

In periods of abnormal dryness to severe drought as indicated by the U.S. Drought Monitor, Contractor will be required to water site for a period of 7 days after seeding to keep site sufficiently moist during the germination period.

Due to time constraints of the blight elimination program GCLBA does not anticipate allowing for any contract extensions.

**The Contractor is required to place door hangers on properties within one property of the property slated for demolition one week prior to demolition (see Appendix 10 for example door hanger and example map identifying structures requiring door hangers). Door hangers requiring addresses to be filled in will be provided to the Contractor by GCLBA. The Contractor is required to complete the Pre-Demolition Walk-through Form for each contracted property prior to demolition and include it in the Request for Payment package for that specific property (see Appendix 11).**

Pre-Abatement Walk-through (PA) and Pre-Demo Walk-through (PD) process:

Once a contract is signed, GCLBA will issue a Notice to Proceed with abatement activities.

1. Abatement contractors are to complete the PA prior to beginning abatement activities.
  - a. If a discrepancy/additional material is noted, it constitutes a Stop Work order and the prime contractor is to contact the GCLBA immediately. GCLBA will request the PA be submitted at this time.
  - b. If no discrepancy/additional material is noted, then contractor is to retain the PA and provide it with the payment request packet or when otherwise requested.
  - c. The PA must be signed and dated no later than the Abatement NESHAP Date.
2. Upon completion of abatement, the demolition contractor is to complete the PD.
  - a. If a discrepancy/additional material is noted, contractor should work to address the problem with abatement contractor, MDEQ, and GCLBA as necessary.
  - b. If no discrepancy/additional material is noted, then contractor is to provide GCLBA with a copy (electronic is fine) of the signed/dated PD.
  - c. Once GCLBA receives the PD certifying asbestos abatement is complete, we will coordinate compliance inspections with our surveyors.
    - i. Contractors are welcome to accompany surveyors on compliance inspections, but compliance inspection schedules will not be modified to allow contractors to attend.
    - ii. Allow 5 business days for compliance inspections to be completed.
    - iii. Contractor will be responsible for any fees/costs incurred by GCLBA for failed compliance inspections. GCLBA will pay for passed compliance inspections.
3. Once GCLBA receives clearance approval from the surveyor, a demolition Notice to Proceed will be prepared for the cleared properties.

**EVALUATION CRITERIA AND SCORING**

The GCLBA will evaluate the four lowest cost proposals received and identify the submittals that are the most responsive, responsible and offer the best service to the GCLBA. Additional proposals will only be evaluated in the event that the award is not made to one of the four lowest cost proposals. The GCLBA will consider Bidder qualifications, financial viability, project references, experience with comparable projects, and projects with concurrent timelines. Specifically, each RFP response package will be reviewed based on the following selection criteria:

**A. PROPOSAL/EVALUATION CRITERIA:**

| <b>Evaluation Factors</b>                                                                                                                                                                                           | <b>Maximum Points</b> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| <b>Ability to Meet Production Goals within Timelines**</b><br>The Bidder's demonstration of understanding of scope of work, readiness to proceed and capacity to complete work assigned within timeframes required. | 42                    |
| <b>HUD Section 3</b><br>Bidder provides letter from the City of Flint certifying them as a Section 3 Business Concern and a written plan for achieving Section 3 goals.                                             | 8                     |
| <b>Price</b><br>The ability to demonstrate reasonable costs in performing scope of work identified in the RFP.                                                                                                      | 50                    |

\*\* Up to twenty (20) points may be deducted when evaluating Bidder capacity. GCLBA staff will consider past experience with Bidder's response to issues and complaints, including the timeframe in which the Bidder responded to identified issues and where Bidder performed substandard work (work performed by Bidder or Bidder's subcontractor(s) that did not meet bid specifications) on any previous GCLBA projects.

### SUBMITTAL REQUIREMENTS

**RFP responses must be submitted both via hard copy and electronic copy. Each Bidder shall submit one (1) original, one (1) additional copy of application and one flash drive containing a PDF copy of the following documents in a clear, legible, 12 point font, and 8.5 by 11 inch format. Responses not submitted via hard copy will not be considered. Bidders are advised to adhere to the Submittal Requirements. Failure to comply with the instructions of this RFP will be cause for rejection of submittals.**

Bidders may, without prejudice to himself/herself, withdraw Bid/Tender after it has been submitted, provided the request for such withdrawal is received in writing before time set for opening. Verbal communication is not acceptable. After opening, no Bid/Tender may withdraw for period indicated.

Before submitting a proposal, each Bidder shall inspect the site of the proposed work to arrive at a clear understanding of the conditions under which the work is to be done. He will be held responsible for having compared the premises with the drawings and specifications, and to have satisfied himself/herself as to all conditions affecting the execution of the work.

### **Hardest Hit Fund Contactor Clarification & Update (September 11, 2017):**

- 1) Performance and Payment Bonds: GCLBA contracts for demolition and/or abatement require Contractors to secure a Performance Bond and Payment Bond in an amount equal to 100% of the total contract amount. If the total contract amount increases due to change orders, Contractors are required to adjust the amount of their bonds to equal 100% of the final contracted amount (including change orders). Effective September 20, 2017, before the GCLBA can release the final payment for work under any contract, the Contractor must provide an updated bond document with a bond amount that is equal to or greater than the revised total contract amount including change orders.
- 2) Contractor must ensure that all employees and subcontractors are paid prevailing wages and must provide the certified payroll for contractor and any subcontractor(s) to the GCLBA.

### **Hardest Hit Fund Contactor Updates (October 2016):**

The United States Department of Treasury, Michigan Homeowner Assistance Nonprofit Housing Corporation (MHA) and Michigan State Housing Development Authority (MSHDA) require additional documentation. Please review the Request for Proposal and Contracts for more information. Some of the new requirements are listed below.

- Bidders are required to sign, date, and comply with “Fraud, Waste and Abuse” policy. The “*Fraud, Waste and Abuse Affidavit*” form is to be **printed on Bidders letterhead, signed, dated, and submitted with Request for Proposal (RFP).** For additional information and requirements refer to “ATTACHMENT I”.
- Contractors must sign, date, and comply with “**Letter of Attestation for Demolition Contractors**” for each demolished property. This form is address specific and must be submitted with each address specific payment request packet. Please review “**Appendix 5**” for an example of this form.
- **Bidders/Contractors must disclose all subcontractors** (contractors paid to perform part or all of the “Scope of Work”) in RFP response and include “Evidence of Insurance” and “driver licenses” (for trucking subcontractor(s)). Subcontractors must be approved by GCLBA. Contractors must

submit invoices from all subcontractors involved in demolition, asbestos, hazardous, and tire abatement work, with payment request.

Bidders are required to submit all required documentation identified in the “Minimum Qualifications of Bidders” when responding to bids, with the exception of company tax returns. Bidders may have the most recent two years company tax returns on file with the GCLBA instead of submitting with the bid response.

**If there are any changes with the documents or renewals, it is the Bidders’ responsibility to submit the correct documents to the GCLBA in a timely manner. If the Bidder does not submit all required documents with the bid response, the documents may be considered missing, which may result in the bid response being considered as non-responsive.**

GCLBA reserves the right to seek additional information to clarify responses to this RFP. Each response must include the following:

#### **A. Minimum Qualifications of Bidders**

These documents must be submitted and acceptable before GCLBA will review the Experience and Capacity proposal:

1. Evidence of Financial Stability: The Bidder shall be financially stable and have the financial wherewithal to carry out the requirements of this solicitation. All Bidders shall include two years of Company tax returns and a most recent corresponding annual financial statement (balance sheet, etc.) provided by their accountant and/or a letter from their accountant stating evidence of financial stability with the proposal response. This information will assist GCLBA in determining the Bidder’s financial condition. GCLBA is seeking this information to ensure that the proposer’s have the financial stability and wherewithal to assure good faith performance.
2. Michigan Builders or M&A –Home Wrecking License: The Bidder must be licensed by the State of Michigan, as a Residential Builders and/or Maintenance & Alterations Contractors with a House Wrecking trade designation. ***(The person/company that is issued the License by the State of Michigan must be in entity that applies in order to be added to the prequalified list.)***
3. Asbestos License & Certificate: The Bidder must be a licensed Asbestos Abatement Contractor by the State of Michigan in the name of principal and if co-partnership. ***(The person/company that is issued the License and/or Certificate by the State of Michigan must be an entity that applies to be added to the prequalified list.)***
4. Evidence of Insurance: The Bidder must have Commercial General Liability with limits not less than: Premises/operations \$1,000,000 per occurrence with \$2,000,000 aggregate; Workers Compensation Statutory limits of Michigan; Employers Liability with limits \$100,000 accident/disease, \$500,000 policy limit, disease; Automobile Liability with limits not less than \$1,000,000 combined single limit each accident-Owned, hired, non-owned; and, Professional Liability with limits not less than \$1,000,000 including errors & omissions \$200,000 per occurrence. The Bidder must also have Pollution Liability insurance for projects involving the removal and disposal of waste or storage

tanks. Contractor shall maintain limits no less than \$1,000,000 per loss/\$1,000,000 aggregate. A certificate of insurance must be included with submission of qualifications. ***(See Attachment A for Bidder's Insurance Checklist) GCLBA must be listed as an additional insured.***

5. **Current Certificate of Good Standing (Corporation) or Certificate of Existence:** The Bidder shall provide a Certificate of Good Standing (Corporation) or Certificate of Existence (Limited Liability Company) issued by the Michigan Department of Licensing and Regulatory Affairs Corporations, Securities & Commercial Licensing Bureau. ***(If Bidder is a joint venture, a Certificate of Good Standing or Certificate of Existence, as applicable, must be submitted for each entity comprising the joint venture.)***
6. **Experience:** Bidders must have a minimum of **five\* (5) years** of relevant and proven experience providing professional licensed demolition services. ***\*Required by the State of Michigan. References should be related to the scope of work and must be recent, with projects completed within the past 5 years.***
7. **Bid, Performance and Payment Bond:** Bidders must provide a letter from the bonding company they intend to use stating bonding capacity and surety rating. Bidders must have the ability to secure a Bid Bond in the amount of five (5%) of their bid amount and ***a Performance Bond and Payment Bond***, if awarded, in an amount equal to one hundred percent (100%) of the total contract amount. Surety on such bonds shall be by a bona fide company authorized to do business in the State of Michigan. ***Bond requirement shall be increased consistent with any contract amount increase.***
8. **Conflict of Interest Statement & Supporting Documentation:** The Bidder shall disclose any professional or personal financial interests that may be a conflict of interest in representing the GCLBA. In addition, all Bidders shall further disclose arrangement to derive additional compensation from various investment and reinvestment products, including financial contracts.
9. **Debarment and Suspension:** The Bidder certifies to the best of its knowledge and belief that it, its agents, and its subcontractor(s):
  - a. Are not presently debarred, suspended, proposed for debarment, and declared ineligible or voluntarily excluded from covered transactions by any federal or state funded program or department.
  - b. Have not within a three-year period preceding this Contract been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state, or local) transaction or contract under a public transaction, as defined in 45 CFR 1185; violation of federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
  - c. Are not presently indicted or otherwise criminally or civilly charged by a government entity (federal, State, or local) with commission of any of the offenses enumerated in subsection (b).

- d. Have not within a three-year period preceding this Contract had one or more public transactions (federal, State, or local) terminated for cause or default.
- e. Will comply with all applicable requirements of all other State or federal laws, executive orders, regulations, and policies governing this program.

10. Other State License and or Certification:

- a. Hazardous Waste Operations and Emergency Response (HAZWOPER) Certification
- b. Any other State License and/or Certification that is deemed necessary to complete the Scope of Work as described.

11. Capacity: The Bidder must have the capacity to complete number projects that is required by the GCLBA *on a weekly basis*.

- a. Abatement & Demolition: Complete ten (10) or more abatement & demolition and disposal projects per week.

12/7/2018

**Letter of Interest**

Please submit a Cover Letter of Interest on your firms letterhead signed by a duly authorized officer or representative of the Bidder, not to exceed two (2) pages in length. The Letter of Interest must also include the following information:

1. The principal place of business and the contact person, title, telephone/fax numbers and email address.
2. A brief summary of the qualifications of the Bidder and team. Please ensure you are including information for GCLBA to assess your qualifications in regards to the scoring criteria set forth in this RFP.
3. Description of organization (i.e. Corporation, Limited Liability Company, or Joint Venture).
4. The names and business addresses of all Principals of the Bidder. For purposes of this RFP “Principals” shall mean persons possessing an ownership interest in the Bidder.
  - If the Bidder is a partially owned or fully-owned subsidiary of another organization, identify the parent organization and describe the nature and extent of the parent organization’s approval rights, if any, over the activities of the Bidder.
  - A complete list of all the Bidders’ board/officers must be included.
5. Experience and capacity to implement the scope of work described in Scope of Services. Please ensure you are including information for GCLBA to assess your qualifications in regards to the scoring criteria set forth in this RFP. Include a list of projects your company is currently committed to and briefly explain whether you see any conflict between being able to complete projects currently under contract and a GCLBA contract should the project be awarded.
6. Familiarity with the GCLBA and basic understanding of programs (see [www.thelandbank.org](http://www.thelandbank.org) for more information) including previous experience with other Land Banks.
7. The Signature Page attached hereto at the end of this RFP and incorporated herein by reference must be signed by Bidder and attached to the Letter of Interest

**SELECTION PROCESS**

**The Selection Committee comprised of GCLBA staff will review qualifications in accordance with the evaluation criteria set forth herein and Hardest Hit Fund Program objectives and policies. Proposals that are submitted on time and comply with the mandatory requirements of the RFP will be evaluated in accordance with the terms of the RFP. Any contract resulting from this RFP will not necessarily be awarded to the Bidder with the lowest price. Instead, contract(s) shall be awarded to Bidder(s) whose proposal(s) is the most responsive, responsible and offers the best service to the GCLBA in accordance with criteria set forth in RFP.**

**IMPORTANT DATES**

|                                                        |                                        |
|--------------------------------------------------------|----------------------------------------|
| Bids Due                                               | Tuesday, January 08, 2019              |
| Notice of Award                                        | On or around Tuesday, January 22, 2019 |
| Contract Signed                                        | On or around Friday, January 25, 2019  |
| Start Work                                             | On or around Monday, February 04, 2019 |
| Winter-grade Work<br>Completed/Request GCLB Inspection | On or before Friday, March 29, 2019    |
| Winter-grade Paperwork and Payment<br>Request Due      | On or before Friday, April 05, 2019    |
| Final-grade, seed and straw work<br>completed          | On or before Friday, May 31, 2019      |
| Final Paperwork and<br>Payment Request Due             | On or before Friday, June 7, 2019      |

**NOTE: Dates are estimates and may be modified by GCLBA as appropriate.**

**QUESTIONS**

Questions regarding this RFP should be submitted in writing via email to [jmarcy@thelandbank.org](mailto:jmarcy@thelandbank.org) and [cfreeman@thelandbank.org](mailto:cfreeman@thelandbank.org)

**SUBMITTAL DUE DATE**

Only firms/contractors that are on the GCLBA Bidder's list can respond to RFP's issued by the GCLBA.

**Responses to this RFP are due by 3:00 pm on Tuesday, January 08, 2019.** Each Bidder is responsible for labeling the exterior of the sealed envelope containing the proposal response with the proposal number, proposal name, proposal due date and time, and your firm's name. Hard copies and must be delivered to:

GCLBA Demolition Project Manager RFP LB18-023  
Genesee County Land Bank Authority  
452 S. Saginaw St. 2<sup>nd</sup> Floor  
Flint, MI 48502



**RFP SUBMITTAL REQUIREMENTS CHECKLIST**

Please provide completed RFP Submittal Checklist with response to RFP.

**Bidders must include all required submittals identified in this Request for Proposals with bid response.**

| (GCLBA STAFF ONLY) | Included in bid packet | Expiration Date | <b>** Some of the submittal requirements are included in the attachments. (PAGE 1)</b>                                                                                                                                                                                                                                                                                                                      |
|--------------------|------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    |                        |                 | <input type="checkbox"/> Please provide the Submittal Requirements as stated. This section provides instruction for the written portion of your proposal. It will be comprised of the following sections: <ul style="list-style-type: none"> <li>o Section B: Letter of Interest- Include a description of on-going projects and whether they will conflict with the completion of this project.</li> </ul> |
|                    |                        |                 | <input type="checkbox"/> Description of Company                                                                                                                                                                                                                                                                                                                                                             |
|                    |                        |                 | <input type="checkbox"/> <b>Bid Bond</b>                                                                                                                                                                                                                                                                                                                                                                    |
|                    |                        |                 | <input type="checkbox"/> <b>Current Certificate of Good Standing*</b> (Corporation) or Certificate of Existence (Limited Liability Company) issued by the Michigan Secretary of State (If Bidder is a joint venture, a Certificate of Good Standing or Certificate of Existence, as applicable, must be submitted for each entity comprising the joint venture.)                                            |
|                    |                        |                 | <input type="checkbox"/> Michigan Builders License or Maintenance and Alterations license with House Wrecking * <ul style="list-style-type: none"> <li>o Issued to: _____</li> </ul>                                                                                                                                                                                                                        |
|                    |                        |                 | <input type="checkbox"/> Michigan Accredited Asbestos Certification for Company*                                                                                                                                                                                                                                                                                                                            |
|                    |                        |                 | <input type="checkbox"/> Michigan Accredited Asbestos Certification for Asbestos Supervisor                                                                                                                                                                                                                                                                                                                 |
|                    |                        |                 | <input type="checkbox"/> Michigan Accredited Asbestos Certification for workers                                                                                                                                                                                                                                                                                                                             |
|                    |                        |                 | <input type="checkbox"/> OSHA 40-hour Hazardous Waste Operations Certification (HAZWOPER) *                                                                                                                                                                                                                                                                                                                 |
|                    |                        |                 | <input type="checkbox"/> MDEQ Scrap Tire Hauler Registration *                                                                                                                                                                                                                                                                                                                                              |
|                    |                        |                 | <input type="checkbox"/> <b>Evidence of Financial Stability*</b> - Two most recent years tax returns and corresponding annual financial statements                                                                                                                                                                                                                                                          |
|                    |                        |                 | <input type="checkbox"/> <b>Evidence of Insurance*</b> – GCLBA must be listed as an insured (Contractor and Subcontractor) (Attachment A)                                                                                                                                                                                                                                                                   |
|                    |                        |                 | <input type="checkbox"/> <b>References</b> (Attachment B)                                                                                                                                                                                                                                                                                                                                                   |
|                    |                        |                 | <input type="checkbox"/> <b>Certification Form Note</b> (Attachment C)                                                                                                                                                                                                                                                                                                                                      |
|                    |                        |                 | <input type="checkbox"/> <b>Capacity &amp; Pricing Bid Tab/Pricing Proposal</b> (Attachment D)                                                                                                                                                                                                                                                                                                              |

12/7/2018

| (GCLBA<br>STAFF<br>ONLY) | Included<br>in bid<br>packet | Expiration<br>Date | ** Some of the submittal requirements are included in the<br>attachments. (PAGE 2)                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------|------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                          |                              |                    | <input type="checkbox"/> Local Hiring, HUD Section 3, if applicable (Attachment E & G) or <b>Section 3 letter from the City of Flint or U. S. Department of Housing and Urban Development (HUD)</b> , MBE/WBE, DVBE<br><br><i>(Contractor must submit documents to City of Flint or HUD and received approval letter prior to submitting proposal. Approval letter certifying contractor as a Section 3 Contractor is submitted with proposal.)</i> |
|                          |                              |                    | <input type="checkbox"/> Conflict of Interest Statement & Supporting Documentation* (Attachment F)                                                                                                                                                                                                                                                                                                                                                  |
|                          |                              |                    | <input type="checkbox"/> Fraud, Waste, and Abuse Affidavit <b>(Submitted on Contractors' letterhead)</b> (Attachment I)                                                                                                                                                                                                                                                                                                                             |
|                          |                              |                    | <input type="checkbox"/> Debarment Certification (Attachment J)                                                                                                                                                                                                                                                                                                                                                                                     |
|                          |                              |                    | <input type="checkbox"/> Work Plan                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                          |                              |                    | <input type="checkbox"/> Health and Safety Plan                                                                                                                                                                                                                                                                                                                                                                                                     |
|                          |                              |                    | <input type="checkbox"/> Any other State License and/or Certification that is deemed necessary or applicable and is relevant to work completed within Genesee County                                                                                                                                                                                                                                                                                |
|                          |                              |                    | <input type="checkbox"/> RFP Submittal Requirements Checklist                                                                                                                                                                                                                                                                                                                                                                                       |
|                          |                              |                    | <input type="checkbox"/> Received Addendum(s): _____                                                                                                                                                                                                                                                                                                                                                                                                |

## **ADDITIONAL INFORMATION**

### **ATTACHMENTS**

- A. GENESEE COUNTY BIDDERS INSURANCE CHECK LIST
- B. LIST OF REFERENCES (3)
- C. CERTIFICATION FORM NOTE
- D. UNIT RATE PRICING BID TAB
- E. SECTION 3 CERTIFICATION INFORMATION
- F. CONFLICT OF INTEREST/NON-COLLUSION AFFIDAVIT
- G. CERTIFICATION FORM OF BUSINESS ENTERPRISE
- H. MEDC – COMMUNITY VENTURES FLYER
- I. FRAUD, WASTE, AND ABUSE AFFIDAVIT
- J. DEBARMENT CERTIFICATION

### **APPENDICES**

- 1. SCOPE OF WORK (ABATEMENT & DEMOLITION)
- 2. MDEQ – NESHAP PROGRAM
- 3. MAP AND BOUNDARIES OF TARGET AREAS
- 4. FEDERAL AND COUNTY REGULATIONS (PREVAILING WAGES)
- 5. SAMPLE CONTRACT, PAYMENT REQUEST PACKET, ATTESTATION FORM
- 6. EXAMPLE ABATEMENT SUMMARY SHEET
- 7. EXAMPLE BACKFILL & TOP SOIL SAMPLING AND CERTIFICATION FORMS
- 8. EVALUATION CRITERIA & SCORING
- 9. SAMPLE INVOICES – DEMOLITION CONTRACTOR & ABATEMENT SUBCONTRACTOR
- 10. GCLBA DOOR HANGER
- 11. GCLBA PRE-ABATEMENT WALKTHROUGH FORM, PRE-DEMOLITION WALKTHROUGH FORM

# ATTACHMENTS

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- A. GENESEE COUNTY BIDDERS INSURANCE CHECK LIST
- B. LIST OF REFERENCES (3)
- C. CERTIFICATION FORM NOTE
- D. CAPACITY & UNIT RATE PRICING BID TAB
- E. SECTION 3 CERTIFICATION INFORMATION
- F. CONFLICT OF INTEREST/NON-COLLUSION AFFIDAVIT
- G. CERTIFICATION FORM OF BUSINESS ENTERPRISE
- H. MEDC – COMMUNITY VENTURES FLYER
- I. FRAUD, WASTE, AND ABUSE AFFIDAVIT
- J. DEBARMENT CERTIFICATION

## ATTACHMENT A: GENESEE COUNTY BIDDER'S INSURANCE CHECKLIST

### Coverages Required

- | Coverages Required                                                                                                                                                                                                                                                               | Limits (Figures denote minimums)                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1. Workers' Compensation                                                                                                                                                                                                                                                         | \$500,000 or Statutory limits of Michigan – whichever is greater                       |
| 2. Employers Liability                                                                                                                                                                                                                                                           | \$100,000 accident/disease<br>\$500,000 policy limit, disease                          |
| 3. General Liability 1,000,000/OCC/AGG                                                                                                                                                                                                                                           | Including Premises/operations<br>\$1,000,000 per occurrence with \$2,000,000 aggregate |
| 4. Professional liability                                                                                                                                                                                                                                                        | \$100,000 including errors & omissions<br>\$200,000 per occurrence                     |
| 5. Products/Completed operations                                                                                                                                                                                                                                                 | \$1,000,000 per occurrence with \$2,000,000 aggregate                                  |
| 6. Contractual liability                                                                                                                                                                                                                                                         | \$1,000,000 general aggregate (gen. agg.)                                              |
| 7. Explosion, Collapse, Subsidence                                                                                                                                                                                                                                               | Excess Policy with limits at least \$2,000,000                                         |
| 8. Automobile liability<br>Owned, hired, nonowned                                                                                                                                                                                                                                | \$1,000,000 combined single limit each<br>accident-Owned, hired, nonowned              |
| 9. Authoritys and Contractors Protective                                                                                                                                                                                                                                         |                                                                                        |
| 10. Genesee County named as an additional insured on other than workers' compensation via endorsement. A copy of the endorsement must be included with the certificate.                                                                                                          |                                                                                        |
| 11. Cancellation notice is to read:<br>Should any of the above described policies be cancelled before the expiration date thereof, the issuing insurer will mail 30 days written notice to the certificate holder named to the left or 10 day notice for non-payment of premium. |                                                                                        |
| 12. The certificate must state bid number and title                                                                                                                                                                                                                              |                                                                                        |

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**A copy of the insurance certificate with the Genesee County Land Bank listed as a certificate holder is required and must be attachment to the response to this proposal.**

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### Bidder's Statement

I understand the insurance requirements and will comply in full if awarded the contract.

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Bidder

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Signature



## ATTACHMENT B: LIST OF REFERENCES (3) RELATED TO SCOPE OF WORK FROM THE LAST 5 YEARS

Reference #1:

Company/Municipality: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Title: \_\_\_\_\_

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

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

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_ Project Timeline (Dates): \_\_\_\_\_

Type of Project: \_\_\_\_\_

\_\_\_\_\_

Budget: \_\_\_\_\_

Reference #2:

Company/Municipality: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Title: \_\_\_\_\_

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

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

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_ Project Timeline (Dates): \_\_\_\_\_

Type of Project: \_\_\_\_\_

\_\_\_\_\_

Budget: \_\_\_\_\_

Reference #3:

Company/Municipality: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Title: \_\_\_\_\_

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

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

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_ Project Timeline (Dates): \_\_\_\_\_

Type of Project: \_\_\_\_\_

\_\_\_\_\_

Budget: \_\_\_\_\_

RFP/BID #: \_\_\_\_\_

### ATTACHMENT C: CERTIFICATION FORM NOTE

**THIS PAGE MUST BE COMPLETED AND INCLUDED WITH THE SUBMITTAL CERTIFICATION**

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

\_\_\_\_\_  
(Name of Bidder)

\_\_\_\_\_ **Will** be responding to this RFP.

\_\_\_\_\_ **Will not** be responding to this RFP, but to remain on the Genesee County Land Bank approved contractors list. (Please return only this form.\*\*)

\_\_\_\_\_  
(Signature of Authorized Representative)

\_\_\_\_\_  
(Typed Name of Authorized Representative)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Date)

Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Federal Identification Number: \_\_\_\_\_ License Number: \_\_\_\_\_

**NAME OF AUTHORIZED REPRESENTATIVES FOR SUBCONTRACTORS:**

\_\_\_\_\_  
(Typed Name of Subcontractor's Authorized Representative)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Typed Name of Subcontractor's Authorized Representative)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Typed Name of Subcontractor's Authorized Representative)

\_\_\_\_\_  
(Title)

**\*\*It is the contractor responsibility to ensure that all documents, licenses and certifications on file with the GLBA are current. Failure to comply may result in the removal from the GCLBA approved contractors list.**

## ATTACHMENT D: UNIT RATE PRICING BID COVERSHEET & BID TAB

Company Name: \_\_\_\_\_

### **BID TENDER SUMMARY**

| BID LIST#  | LB 18-023-1 | LB 18-023-2 |
|------------|-------------|-------------|
| BID AMOUNT | \$          | \$          |

### **Statement of Experience**

Years of Company Experience: \_\_\_\_\_

Years of Individual Experience: \_\_\_\_\_

Licenses, Certificates, Accreditations held by firm and/or employees (Provide documentation):

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### **The qualification of assigned project staff and subcontracts, including:**

- Relevant professional and educational experience (Provide documentation on attached sheet)
- Identification of specific staff individuals with experience managing demolition projects:

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Provide three (3) examples of projects completed in the past 5 years that are similar in nature to projects described in the RFP. Please provide reference contact information.

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Timeline of projects scheduled concurrent with GCLB projects

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**Demonstration of Capacity**

**Number of demolition projects bidder can complete in a week period:**

☐ 10   ☐ 15   ☐ 20   ☐ Other \_\_\_\_\_

**Number of demolition projects bidder can complete in a week period for this contract:**

☐ 10   ☐ 15   ☐ 20   ☐ Other \_\_\_\_\_

**Number of employees:** \_\_\_\_\_ **How many will be dedicated to this project?** \_\_\_\_\_

List of equipment (can attach list if need): \_\_\_\_\_

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**Subcontractor(s): Please use additional sheets as necessary to document all subcontractors.**

All subcontractors should be listed. Subcontractors must be accepted by GCLBA prior to working on GCLBA projects. The GCLBA must be listed as additional insured on Contractor and subcontractor insurance policies. Subcontractors must meet insurance requirements defined in Attachment A: Bidder's Insurance Checklist.

Will you be using a sub-contractor? \_\_\_\_\_ Subcontractor DBA: \_\_\_\_\_

Sub-Contractor Service: \_\_\_\_\_

Sub-contractor Authorized Representative: \_\_\_\_\_

Sub-Contractor Years of Experience: \_\_\_\_\_

Sub-Contractors License or Certification: \_\_\_\_\_

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Sub-Contractor's Number of employees: \_\_\_\_\_

List of equipment (can attach list if need): \_\_\_\_\_

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Identification of landfills and disposal sites who will participate in the project:

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Does Contractor or Subcontractor have any EPA, MDEQ, or MIOSHA active investigations? If yes, please give dates, describe incident and any changes to your policies and procedures.

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Has the Contractor or Subcontractor been the recipient any EPA, MDEQ, or MIOSHA violations or fines in the past three (3) years? If yes, please give dates, describe incident and any changes to your policies and procedures.

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I certify that I have the necessary equipment and staffing available in order to complete the Scope of Work outlined in this bid. I certify that I have read the Scope of Work included in this bid.

Signed this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_  
(Name of Contractor/ Authorized Representative)

\_\_\_\_\_  
(Signature of Contractor /Authorized Representative)

\_\_\_\_\_  
(Contractor Address)

\_\_\_\_\_  
(Phone)

\_\_\_\_\_  
(Email)

## BID/TENDER FORM #LB 18-023

SUBMITTED TO: Genesee County Land Bank  
452 S. Saginaw Street  
Flint, Michigan 48502

FOR: Invitation to Bid #LB 18-023 Demolition and Disposal of Residential Structures in the City of Flint & Genesee County:

DATE: \_\_\_\_\_  
NAME OF  
BIDDER: \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_

TO: Genesee County Land Bank Authority (hereinafter called "GCLBA")

The Bidder, in compliance with your invitation for bids for the environmental abatement and demolition and disposal of Residential Structures having examined Bid #LB: 18-019 prepared by the Genesee County Land Bank, and other related documents and being familiar with site of proposed work, and with all conditions surrounding demolition of the listed property including availability of materials and labor, hereby propose to furnish all labor, materials, tools, equipment, machinery, equipment rental, transportation, superintendence, perform all work, provide all services, and to perform all work in accordance with Bid #LB: 18-019, within time set forth herein, at prices stated below. These prices are to cover all expenses incurred in performing work required under Scope of Work, of which this Bid/Tender is a part.

Successful Bidder agrees to provide performance and payment bonds written by surety acceptable to GCLBA; made in favor of GCLBA as obligee. The Bidder recognizes that the GCLBA may award the bid packages separately and not as a total contract.

**Adjustments to bid-** In the event a structure or structures itemized on this bid is destroyed or substantially destroyed by fire or other calamity beyond its present condition as determined by the GCLBA, or environmental hazards are found, at any time prior to actual demolition, the Authority reserves the right to remove the structure from the bid; or in the event of bid award, to remove the structure(s) from the award and reduce the price by the Contractors' bid for that structure(s).

GCLBA reserves the right to cancel any project(s) that has been issued on a bid or entered into a contract if GCLBA has deemed project(s) infeasible and is unable to proceed with the demolition.

## **ATTENTION:**

**Please be advised that flat rate bids will not be accepted. Bids must be based upon actual costs. Any bid submitted with a flat rate for abatement or demolition of structures will be considered non-responsive. *Per MSHDA's Blight Elimination Program Operations Manual (page 3)* "We will also not allow any flat rate pricing which is defined by equal pricing of set amounts over numerous properties when we can see that square footage differs from property to property."**

**Should Bidder submit flat rates for the "greening" portion of the scope ( backfill, final grade, seed, and straw), please include a short narrative explaining the methods used to reach the amounts bid (i.e. if using a percentage of demolition costs, how did Bidder arrive at the percentage calculation? What is the percentage being used?). Bidders should be prepared to demonstrate reasonableness of bid with supporting documentation upon request.**

***It is the policy and practice of the GCLBA to abate what can feasibly be abated despite the condition of the structure, whether or not a structure will ultimately be demolished as asbestos containing.*** Conditions inhibiting the abatement of identified materials must be thoroughly documented and explained.

Exceptions may be made in the case of roofing materials in good condition and in cases where a composite sample of drywall and joint compound contain less than 1% asbestos. Contractor will remove all identified ACM unless otherwise directed by the Land Bank.

In instances where Contractor intends to leave ACM in place during demolition, this must be specifically noted in the Work Plan with specific addresses and procedures identified.

Where surveys are incomplete due to mitigatable conditions (blocked stairwells, debris, flooded basements, etc.), abatement quote should include cost of addressing barrier so that a thorough inspection can be made prior to demolition.

As described later in the specification, certain regulatory exemptions exist for the removal and disposal of environmental hazardous materials from residential structures. Regardless of any regulatory exemption, the GCLBA has decided to divert certain waste from landfill disposal and therefore will identify select materials during the pre-demolition survey, which will require manifesting and transportation to a licensed treatment, storage, or disposal facility or other appropriate disposal location. A site specific Pre-Demolition Hazardous Materials Survey has been prepared by others and available upon request.

In order to prepare a responsive quote for the abatement of these structures, bidders should request permission from the Genesee County Land Bank to view the environmental surveys on box.com in addition to site visits. Requests can be submitted via email to [JMARCY@THELANDBANK.ORG](mailto:JMARCY@THELANDBANK.ORG), [CFREEMAN@THELANDBANK.ORG](mailto:CFREEMAN@THELANDBANK.ORG) OR [CKELLY@THELANDBANK.ORG](mailto:CKELLY@THELANDBANK.ORG).

This RFP includes structures located outside of the City of Flint and scattered throughout Genesee County. While the Genesee County Land Bank secures disconnects of water utilities for structures within the City of Flint, **Contractor will be responsible for securing water disconnects for structures outside the City of Flint.**

# UNIT PRICE FOR DEMOLITION WORK *(See Exhibit 1 for Property List)*

Environmental abatement and removal and disposal of structures including foundation, basement walls, floors and footings, removal of approach/replacement of curbs, and installation of sidewalk as specified in the contract.

**\*\* Entries should be rounded to the nearest dollar. i.e. \$125.25 should be entered as \$125.00**

**Note: An excel version of this form is available on BOX.COM**

| LB18-023 - BID LIST # 1 - PROPERTY LIST |               |         |     |                                     |       |       |      |      | Demo & Abate Scope of Work    |              |                          |          |                                     |               |
|-----------------------------------------|---------------|---------|-----|-------------------------------------|-------|-------|------|------|-------------------------------|--------------|--------------------------|----------|-------------------------------------|---------------|
|                                         |               |         |     |                                     |       |       |      |      | Abatement Scope of Work       |              | Demolition Scope of Work |          |                                     |               |
| No                                      | PARCEL-NO     | Address | Dir | Street                              | City  | Zip   | Fund | GRP  | Hazardous<br>Materials<br>Bid | Asbestos Bid | Demo                     | Backfill | Final-<br>grade,<br>seed &<br>mulch | Project Total |
| 1                                       | 40-01-202-020 | 131     | E   | MC CLELLAN ST ***                   | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 2                                       | 40-01-203-013 | 132     | E   | MC CLELLAN ST                       | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 3                                       | 40-01-203-017 | 210     | E   | MC CLELLAN ST                       | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 4                                       | 40-01-203-022 | 222     | E   | MC CLELLAN ST **                    | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 5                                       | 40-01-203-025 | 234     | E   | MC CLELLAN ST                       | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 6                                       | 40-01-203-039 | 217     | E   | GENESEE ST                          | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 7                                       | 40-01-203-040 | 221     | E   | GENESEE ST**                        | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 8                                       | 40-01-204-014 | 402     | E   | MC CLELLAN ST                       | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 9                                       | 40-01-204-016 | 410     | E   | MC CLELLAN ST (Remove<br>Pine Tree) | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 10                                      | 40-01-204-025 | 305     | E   | GENESEE ST                          | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 11                                      | 40-01-204-026 | 309     | E   | GENESEE ST                          | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 12                                      | 40-01-204-032 | 333     | E   | GENESEE ST                          | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 13                                      | 40-01-204-033 | 337     | E   | GENESEE ST *                        | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 14                                      | 40-01-204-037 | 409     | E   | GENESEE ST                          | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 15                                      | 40-01-204-039 | 413     | E   | GENESEE ST                          | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 16                                      | 40-01-204-040 | 417     | E   | GENESEE ST                          | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 17                                      | 40-01-204-043 | 425     | E   | GENESEE ST                          | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 18                                      | 40-01-204-045 | 433     | E   | GENESEE ST                          | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 19                                      | 40-01-228-014 | 3209    |     | MILDRED ST                          | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 20                                      | 40-01-230-006 | 434     | E   | JAMIESON ST                         | FLINT | 48505 | HHF5 | 50   |                               |              |                          |          |                                     |               |
| 21                                      | 40-02-380-014 | 1611    |     | COPEMAN BLVD ***                    | FLINT | 48504 | HHF4 | D-36 |                               |              |                          |          |                                     |               |
| 22                                      | 40-02-404-012 | 2326    |     | FOREST HILL AVE                     | FLINT | 48504 | HHF4 | 50   |                               |              |                          |          |                                     |               |
| 23                                      | 40-02-404-039 | 2221    |     | LAWNDALE AVE ***                    | FLINT | 48504 | HHF4 | 50   |                               |              |                          |          |                                     |               |
| 24                                      | 40-02-428-028 | 2221    |     | MT ELLIOTT AVE ***                  | FLINT | 48504 | HHF4 | 50   |                               |              |                          |          |                                     |               |

| LB18-023 - BID LIST # 1 - PROPERTY LIST (continued) |               |         |     |                   |       |       |      |     | Demo & Abate Scope of Work    |                 |                          |          |                                     |               |
|-----------------------------------------------------|---------------|---------|-----|-------------------|-------|-------|------|-----|-------------------------------|-----------------|--------------------------|----------|-------------------------------------|---------------|
|                                                     |               |         |     |                   |       |       |      |     | Abatement Scope of Work       |                 | Demolition Scope of Work |          |                                     |               |
| No                                                  | PARCEL-NO     | Address | Dir | Street            | City  | Zip   | Fund | GRP | Hazardous<br>Materials<br>Bid | Asbestos<br>Bid | Demo                     | Backfill | Final-<br>grade,<br>seed &<br>mulch | Project Total |
| 25                                                  | 46-36-455-028 | 3605    |     | WESLEY ST *       | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 26                                                  | 46-36-456-018 | 3602    |     | WESLEY ST         | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 27                                                  | 46-36-459-008 | 3414    |     | ESTHER ST         | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 28                                                  | 46-36-459-016 | 3501    |     | WESLEY ST         | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 29                                                  | 46-36-459-022 | 163     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 30                                                  | 46-36-459-024 | 171     | E   | PASADENA AVE ***  | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 31                                                  | 46-36-460-008 | 3502    |     | WESLEY ST **      | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 32                                                  | 46-36-460-009 | 3412    |     | WESLEY ST*        | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 33                                                  | 46-36-460-012 | 3527    |     | ALEXANDER ST      | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 34                                                  | 46-36-460-018 | 201     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 35                                                  | 46-36-460-022 | 219     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 36                                                  | 46-36-461-006 | 3516    |     | ALEXANDER ST ***  | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 37                                                  | 46-36-461-007 | 3512    |     | ALEXANDER ST      | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 38                                                  | 46-36-461-008 | 3529    |     | MARVIN ST         | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 39                                                  | 46-36-462-009 | 3516    |     | MARVIN ST         | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 40                                                  | 46-36-462-012 | 3521    |     | BUICK ST          | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 41                                                  | 46-36-462-018 | 363     | E   | PASADENA AVE **   | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 42                                                  | 46-36-480-019 | 409     | E   | GILLESPIE AVE     | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 43                                                  | 46-36-480-020 | 413     | E   | GILLESPIE AVE *   | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 44                                                  | 46-36-482-005 | 414     | E   | GILLESPIE AVE     | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 45                                                  | 46-36-482-006 | 418     | E   | GILLESPIE AVE     | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 46                                                  | 46-36-482-012 | 3511    |     | MILDRED ST        | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 47                                                  | 46-36-482-013 | 3510    |     | BUICK ST          | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 48                                                  | 46-36-482-014 | 401     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 49                                                  | 46-36-482-017 | 409     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| 50                                                  | 46-36-482-023 | 410     | E   | GILLESPIE AVE *** | FLINT | 48505 | HHF5 | 52  |                               |                 |                          |          |                                     |               |
| TOTAL                                               |               |         |     |                   |       |       |      |     |                               |                 |                          |          |                                     |               |

\* DEMO AS CONTAINING

\*\* ABATE IDENTIFIED ITEMS THEN DEMO AS CONTAINING

\*\*\* PROPERTY CONTAINS VERMICULITE - NO CHANGE ORDERS - GIVEN THE NATURE OF THE MATERIAL, IT IS POSSIBLE THAT ADDITIONAL VERMICULITE MAY BE DISCOVERED DURING THE ABATEMENT AND DEMOLITION PROCESS. PLEASE BID ACCORDINGLY.

# UNIT PRICE FOR DEMOLITION WORK *(See Exhibit 1 for Property List)*

Environmental abatement and removal and disposal of structures including foundation, basement walls, floors and footings, removal of approach/replacement of curbs, and installation of sidewalk as specified in the contract.

**\*\* Entries should be rounded to the nearest dollar. i.e. \$125.25 should be entered as \$125.00**

**Note: An excel version of this form is available on BOX.COM**

| LB18-023 - BID LIST # 2 - PROPERTY LIST |               |         |     |                |       |       |      |      | Demo & Abate Scope of Work |              |                          |          |                           |               |
|-----------------------------------------|---------------|---------|-----|----------------|-------|-------|------|------|----------------------------|--------------|--------------------------|----------|---------------------------|---------------|
|                                         |               |         |     |                |       |       |      |      | Abatement Scope of Work    |              | Demolition Scope of Work |          |                           |               |
| No                                      | PARCEL-NO     | Address | Dir | Street         | City  | Zip   | Fund | Grp  | Hazardous Materials Bid    | Asbestos Bid | Demo                     | Backfill | Final-grade, seed & mulch | Project Total |
| 1                                       | 41-17-358-005 | 2005    |     | STANFORD AVE   | FLINT | 48503 | HHF4 | T-38 |                            |              |                          |          |                           |               |
| 2                                       | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 3                                       | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 4                                       | 46-36-256-029 | 317     | E   | STEWART AVE ** | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 5                                       | 46-36-257-009 | 138     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 6                                       | 46-36-401-014 | 151     | E   | MOORE ST **    | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 7                                       | 46-36-401-016 | 155     | E   | MOORE ST **    | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 8                                       | 46-36-401-017 | 159     | E   | MOORE ST       | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 9                                       | 46-36-402-006 | 301     | E   | MOORE ST **    | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 10                                      | 46-36-402-007 | 305     | E   | MOORE ST ***   | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 11                                      | 46-36-402-009 | 313     | E   | MOORE ST ***   | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 12                                      | 46-36-403-013 | 134     | E   | MOORE ST **    | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 13                                      | 46-36-404-007 | 226     | E   | MOORE ST **    | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 14                                      | 46-36-404-015 | 201     |     | EDWIN AVE      | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 15                                      | 46-36-404-016 | 205     |     | EDWIN AVE **   | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 16                                      | 46-36-404-032 | 213     |     | EDWIN AVE **   | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 17                                      | 46-36-406-009 | 136     |     | EDWIN AVE ***  | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 18                                      | 46-36-407-005 | 222     |     | EDWIN AVE      | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 19                                      | 46-36-407-013 | 318     |     | EDWIN AVE **   | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 20                                      | 46-36-407-019 | 217     |     | DAMON ST       | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 21                                      | 46-36-408-007 | 124     |     | DAMON ST       | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 22                                      | 46-36-408-010 | 140     |     | DAMON ST ***   | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 23                                      | 46-36-408-020 | 135     | E   | MYRTLE AVE     | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 24                                      | 46-36-408-022 | 143     | E   | MYRTLE AVE     | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |
| 25                                      | 46-36-409-015 | 201     | E   | MYRTLE AVE     | FLINT | 48505 | HHF5 | 53   |                            |              |                          |          |                           |               |

| LB18-023 - BID LIST # 2 - PROPERTY LIST (continued) |               |         |     |                    |       |       |      |     | Demo & Abate Scope of Work |              |                          |          |                           |               |
|-----------------------------------------------------|---------------|---------|-----|--------------------|-------|-------|------|-----|----------------------------|--------------|--------------------------|----------|---------------------------|---------------|
|                                                     |               |         |     |                    |       |       |      |     | Abatement Scope of Work    |              | Demolition Scope of Work |          |                           |               |
| No                                                  | PARCEL-NO     | Address | Dir | Street             | City  | Zip   | Fund | Grp | Hazardous Materials Bid    | Asbestos Bid | Demo                     | Backfill | Final-grade, seed & mulch | Project Total |
| 26                                                  | 46-36-409-018 | 209     | E   | MYRTLE AVE         | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 27                                                  | 46-36-411-010 | 126     | E   | MYRTLE AVE ***     | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 28                                                  | 46-36-411-014 | 140     | E   | MYRTLE AVE         | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 29                                                  | 46-36-411-030 | 151     |     | EDMUND ST          | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 30                                                  | 46-36-412-006 | 218     | E   | MYRTLE AVE ***     | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 31                                                  | 46-36-412-020 | 215     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 32                                                  | 46-36-412-024 | 305     |     | EDMUND ST          | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 33                                                  | 46-36-412-025 | 309     |     | EDMUND ST **       | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 34                                                  | 46-36-412-026 | 313     |     | EDMUND ST          | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 35                                                  | 46-36-451-015 | 171     | E   | VAN WAGONER AVE ** | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 36                                                  | 46-36-452-001 | 202     |     | EDMUND ST **       | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 37                                                  | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 38                                                  | 46-36-455-004 | 164     | E   | VAN WAGONER AVE    | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 39                                                  | 46-36-455-023 | 3621    |     | WESLEY ST **       | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 40                                                  | 46-36-455-027 | 3609    |     | WESLEY ST          | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 41                                                  | 46-36-456-002 | 202     | E   | VAN WAGONER AVE    | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 42                                                  | 46-36-456-016 | 3610    |     | WESLEY ST          | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 43                                                  | 46-36-456-020 | 3709    |     | ALEXANDER ST       | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 44                                                  | 46-36-456-022 | 3701    |     | ALEXANDER ST       | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 45                                                  | 46-36-456-024 | 3617    |     | ALEXANDER ST       | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 46                                                  | 46-36-457-006 | 318     | E   | VAN WAGONER AVE    | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 47                                                  | 46-36-457-012 | 3622    |     | ALEXANDER ST ***   | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 48                                                  | 46-36-457-023 | 3701    |     | MARVIN ST ***      | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 49                                                  | 46-36-457-025 | 3617    |     | MARVIN ST **       | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| 50                                                  | 46-36-457-026 | 3615    |     | MARVIN ST          | FLINT | 48505 | HHF5 | 53  |                            |              |                          |          |                           |               |
| TOTAL                                               |               |         |     |                    |       |       |      |     |                            |              |                          |          |                           |               |

\* DEMO AS CONTAINING

\*\* ABATE IDENTIFIED ITEMS THEN DEMO AS CONTAINING

\*\*\* PROPERTY CONTAINS VERMICULITE - NO CHANGE ORDERS - GIVEN THE NATURE OF THE MATERIAL, IT IS POSSIBLE THAT ADDITIONAL VERMICULITE MAY BE DISCOVERED DURING THE ABATEMENT AND DEMOLITION PROCESS. PLEASE BID ACCORDINGLY.



**Bidder Name:** \_\_\_\_\_

Bidder, if awarded a Contract, hereby agrees to commence work under this contract on or around **Monday, February 4, 2019** contingent on the cut and plug of utilities – water & sewer, gas and electric; and to fully complete on or before **Friday, June 7, 2019**.

The GCLBA has made the determination that this will be a WINTER-GRADE contract. All demolition and/or WINTER-GRADE work must be completed and GCLBA inspections requested by **Friday, March 29, 2019** and demolition and winter-grade payment requests must be submitted to the Demolition Project Manager by no later than **Friday, April 5, 2019**.

**Contractor will be responsible for any winter-grade inspection fees to local municipality if weather prevents Contractor(s) from completing final-grade and/or the local municipality is not issuing final-grade inspections. An amount of \$640.00 USD will be withheld from the contract for the final grade.** Timelines and adjustments will be discussed as necessary.

All final demolition work must be completed and GCLBA inspections requested by **Friday, May, 31, 2019** and all paperwork and final payment requests must be submitted to the Demolition Project Manager by no later than **Friday, June 7, 2019**.

Bidder understands that the GCLBA reserves right to reject any or all Bid/Tenders and to waive any informalities or irregularities herein.

In the event a structure or structures itemized on this bid is destroyed or substantially destroyed by fire or other calamity beyond its present condition as determined by the Land Bank, or environmental hazards are found, at any time prior to actual demolition, the GCLBA reserves the right to remove the structure from the bid; or in the event of bid award, to remove the structure(s) from the award and reduce the price by the Contractor's bid for that structure(s).

Upon notice of acceptance of this Bid/Tender, bidder will execute Contract Agreement and deliver properly executed insurance certificates, Performance and Payment Bonds to GCLBA within 10 days.

Bidder acknowledges receipt of following addenda:

\_\_\_\_\_

If awarded a contract, bidder's surety will be (name of Surety Company).

\_\_\_\_\_

\_\_\_\_\_

### CERTIFICATION OF SITE VISIT

Before submitting a proposal, each Bidder shall inspect the site of the proposed work to arrive at a clear understanding of the conditions under which the work is to be done. Contractor will be held responsible for having compared the premises with the surveys, maps, drawings and specifications, and to have satisfied himself/herself as to all conditions affecting the execution of the work. Bidder acknowledges that, if successful, any material missed by the bidder in preparation of bid will be the responsibility of the successful bidder to remove in compliance with all relevant rules and regulations at no additional cost.

No allowance or extra compensation concerning any matter or thing about which the Bidder might have fully informed himself/herself will be allowed. Additional quantities will not be compensated without the GCLBA's prior approval.

### ADDRESS, LEGAL STATUS, AND SIGNATURE OF BIDDER

The undersigned does hereby designate the address, given below, as the legal address to which all notices, directions, or other communications may be served or mailed.

P.O. Box (if applicable) \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip Code \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

The undersigned does hereby declare that it has the legal status checked below.

\_\_\_\_\_  
Individual

\_\_\_\_\_  
Co-Partnership

\_\_\_\_\_  
Corporation Incorporated under the laws and State

of \_\_\_\_\_

The names and address of all persons indicated as partners in this Bid Proposal are as follows:

NAME

ADDRESS

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This Bid Proposal is submitted in the name of:

\_\_\_\_\_  
(Name of Contractor)

By \_\_\_\_\_

Title \_\_\_\_\_

Signed and sealed this \_\_\_\_\_ Day of \_\_\_\_\_ 20 \_\_\_\_\_

INSTRUCTIONS: Submit this form to GCLBA.

**END OF SECTION**

## EXHIBIT 1

### PROPERTY LIST FOR SOIL EROSION PERMIT/WAIVER

Soil erosion permit or waiver must be turned in with payment request packet in order to receive payment.

| LB18-023 - BID LIST # 1 - PROPERTY LIST |               |         |     |                                     |       |       |         |       |
|-----------------------------------------|---------------|---------|-----|-------------------------------------|-------|-------|---------|-------|
| No.                                     | PARCEL-NO     | Address | Dir | Street                              | City  | Zip   | Funding | Group |
| 1                                       | 40-01-202-020 | 131     | E   | MC CLELLAN ST ***                   | FLINT | 48505 | HHF5    | 52    |
| 2                                       | 40-01-203-013 | 132     | E   | MC CLELLAN ST                       | FLINT | 48505 | HHF5    | 52    |
| 3                                       | 40-01-203-017 | 210     | E   | MC CLELLAN ST                       | FLINT | 48505 | HHF5    | 52    |
| 4                                       | 40-01-203-022 | 222     | E   | MC CLELLAN ST **                    | FLINT | 48505 | HHF5    | 52    |
| 5                                       | 40-01-203-025 | 234     | E   | MC CLELLAN ST                       | FLINT | 48505 | HHF5    | 52    |
| 6                                       | 40-01-203-039 | 217     | E   | GENESEE ST                          | FLINT | 48505 | HHF5    | 52    |
| 7                                       | 40-01-203-040 | 221     | E   | GENESEE ST**                        | FLINT | 48505 | HHF5    | 52    |
| 8                                       | 40-01-204-014 | 402     | E   | MC CLELLAN ST                       | FLINT | 48505 | HHF5    | 52    |
| 9                                       | 40-01-204-016 | 410     | E   | MC CLELLAN ST<br>(Remove Pine Tree) | FLINT | 48505 | HHF5    | 52    |
| 10                                      | 40-01-204-025 | 305     | E   | GENESEE ST                          | FLINT | 48505 | HHF5    | 52    |
| 11                                      | 40-01-204-026 | 309     | E   | GENESEE ST                          | FLINT | 48505 | HHF5    | 52    |
| 12                                      | 40-01-204-032 | 333     | E   | GENESEE ST                          | FLINT | 48505 | HHF5    | 52    |
| 13                                      | 40-01-204-033 | 337     | E   | GENESEE ST *                        | FLINT | 48505 | HHF5    | 52    |
| 14                                      | 40-01-204-037 | 409     | E   | GENESEE ST                          | FLINT | 48505 | HHF5    | 52    |
| 15                                      | 40-01-204-039 | 413     | E   | GENESEE ST                          | FLINT | 48505 | HHF5    | 52    |
| 16                                      | 40-01-204-040 | 417     | E   | GENESEE ST                          | FLINT | 48505 | HHF5    | 52    |
| 17                                      | 40-01-204-043 | 425     | E   | GENESEE ST                          | FLINT | 48505 | HHF5    | 52    |
| 18                                      | 40-01-204-045 | 433     | E   | GENESEE ST                          | FLINT | 48505 | HHF5    | 52    |
| 19                                      | 40-01-228-014 | 3209    |     | MILDRED ST                          | FLINT | 48505 | HHF5    | 52    |
| 20                                      | 40-01-230-006 | 434     | E   | JAMIESON ST                         | FLINT | 48505 | HHF5    | 52    |
| 21                                      | 40-02-380-014 | 1611    |     | COPEMAN BLVD ***                    | FLINT | 48504 | HHF4    | 60    |
| 22                                      | 40-02-404-012 | 2326    |     | FOREST HILL AVE                     | FLINT | 48504 | HHF4    | D-36  |
| 23                                      | 40-02-404-039 | 2221    |     | LAWNDALE AVE ***                    | FLINT | 48504 | HHF4    | E-35  |
| 24                                      | 40-02-428-028 | 2221    |     | MT ELLIOTT AVE ***                  | FLINT | 48504 | HHF4    | E-35  |
| 25                                      | 46-36-455-028 | 3605    |     | WESLEY ST *                         | FLINT | 48505 | HHF5    | 52    |
| 26                                      | 46-36-456-018 | 3602    |     | WESLEY ST                           | FLINT | 48505 | HHF5    | 52    |
| 27                                      | 46-36-459-008 | 3414    |     | ESTHER ST                           | FLINT | 48505 | HHF5    | 52    |
| 28                                      | 46-36-459-016 | 3501    |     | WESLEY ST                           | FLINT | 48505 | HHF5    | 52    |
| 29                                      | 46-36-459-022 | 163     | E   | PASADENA AVE                        | FLINT | 48505 | HHF5    | 52    |
| 30                                      | 46-36-459-024 | 171     | E   | PASADENA AVE ***                    | FLINT | 48505 | HHF5    | 52    |
| 31                                      | 46-36-460-008 | 3502    |     | WESLEY ST **                        | FLINT | 48505 | HHF5    | 52    |
| 32                                      | 46-36-460-009 | 3412    |     | WESLEY ST*                          | FLINT | 48505 | HHF5    | 52    |
| 33                                      | 46-36-460-012 | 3527    |     | ALEXANDER ST                        | FLINT | 48505 | HHF5    | 52    |
| 34                                      | 46-36-460-018 | 201     | E   | PASADENA AVE                        | FLINT | 48505 | HHF5    | 52    |
| 35                                      | 46-36-460-022 | 219     | E   | PASADENA AVE                        | FLINT | 48505 | HHF5    | 52    |
| 36                                      | 46-36-461-006 | 3516    |     | ALEXANDER ST ***                    | FLINT | 48505 | HHF5    | 52    |
| 37                                      | 46-36-461-007 | 3512    |     | ALEXANDER ST                        | FLINT | 48505 | HHF5    | 52    |

| <b>LB18-023 - BID LIST # 1 - PROPERTY LIST</b> |                  |                |            |                   |             |            |                |              |
|------------------------------------------------|------------------|----------------|------------|-------------------|-------------|------------|----------------|--------------|
| <b>No.</b>                                     | <b>PARCEL-NO</b> | <b>Address</b> | <b>Dir</b> | <b>Street</b>     | <b>City</b> | <b>Zip</b> | <b>Funding</b> | <b>Group</b> |
| 38                                             | 46-36-461-008    | 3529           |            | MARVIN ST         | FLINT       | 48505      | HHF5           | 52           |
| 39                                             | 46-36-462-009    | 3516           |            | MARVIN ST         | FLINT       | 48505      | HHF5           | 52           |
| 40                                             | 46-36-462-012    | 3521           |            | BUICK ST          | FLINT       | 48505      | HHF5           | 52           |
| 41                                             | 46-36-462-018    | 363            | E          | PASADENA AVE **   | FLINT       | 48505      | HHF5           | 52           |
| 42                                             | 46-36-480-019    | 409            | E          | GILLESPIE AVE     | FLINT       | 48505      | HHF5           | 52           |
| 43                                             | 46-36-480-020    | 413            | E          | GILLESPIE AVE *   | FLINT       | 48505      | HHF5           | 52           |
| 44                                             | 46-36-482-005    | 414            | E          | GILLESPIE AVE     | FLINT       | 48505      | HHF5           | 52           |
| 45                                             | 46-36-482-006    | 418            | E          | GILLESPIE AVE     | FLINT       | 48505      | HHF5           | 52           |
| 46                                             | 46-36-482-012    | 3511           |            | MILDRED ST        | FLINT       | 48505      | HHF5           | 52           |
| 47                                             | 46-36-482-013    | 3510           |            | BUICK ST          | FLINT       | 48505      | HHF5           | 52           |
| 48                                             | 46-36-482-014    | 401            | E          | PASADENA AVE      | FLINT       | 48505      | HHF5           | 52           |
| 49                                             | 46-36-482-017    | 409            | E          | PASADENA AVE      | FLINT       | 48505      | HHF5           | 52           |
| 50                                             | 46-36-482-023    | 410            | E          | GILLESPIE AVE *** | FLINT       | 48505      | HHF5           | 52           |

**\* DEMO AS CONTAINING**

**\*\* ABATE IDENTIFIED ITEMS THEN DEMO AS CONTAINING**

**\*\*\* PROPERTY CONTAINS VERMICULITE - NO CHANGE ORDERS - GIVEN THE NATURE OF THE MATERIAL, IT IS POSSIBLE THAT ADDITIONAL VERMICULITE MAY BE DISCOVERED DURING THE ABATEMENT AND DEMOLITION PROCESS. PLEASE BID ACCORDINGLY.**

# EXHIBIT 1

## PROPERTY LIST FOR SOIL EROSION PERMIT/WAIVER

Soil erosion permit or waiver must be turned in with payment request packet in order to receive payment.

| LB18-023 - BID LIST # 2 - PROPERTY LIST |               |         |     |                    |       |       |         |       |
|-----------------------------------------|---------------|---------|-----|--------------------|-------|-------|---------|-------|
| No.                                     | PARCEL-NO     | Address | Dir | Street             | City  | Zip   | Funding | Group |
| 1                                       | 41-17-358-005 | 2005    |     | STANFORD AVE       | FLINT | 48503 | HHF4    | T-38  |
| 2                                       | 46-36-256-024 | 301     | E   | STEWART AVE        | FLINT | 48505 | HHF5    | 53    |
| 3                                       | 46-36-256-028 | 313     | E   | STEWART AVE        | FLINT | 48505 | HHF5    | 53    |
| 4                                       | 46-36-256-029 | 317     | E   | STEWART AVE **     | FLINT | 48505 | HHF5    | 53    |
| 5                                       | 46-36-257-009 | 138     | E   | STEWART AVE        | FLINT | 48505 | HHF5    | 53    |
| 6                                       | 46-36-401-014 | 151     | E   | MOORE ST **        | FLINT | 48505 | HHF5    | 53    |
| 7                                       | 46-36-401-016 | 155     | E   | MOORE ST **        | FLINT | 48505 | HHF5    | 53    |
| 8                                       | 46-36-401-017 | 159     | E   | MOORE ST           | FLINT | 48505 | HHF5    | 53    |
| 9                                       | 46-36-402-006 | 301     | E   | MOORE ST **        | FLINT | 48505 | HHF5    | 53    |
| 10                                      | 46-36-402-007 | 305     | E   | MOORE ST ***       | FLINT | 48505 | HHF5    | 53    |
| 11                                      | 46-36-402-009 | 313     | E   | MOORE ST ***       | FLINT | 48505 | HHF5    | 53    |
| 12                                      | 46-36-403-013 | 134     | E   | MOORE ST **        | FLINT | 48505 | HHF5    | 53    |
| 13                                      | 46-36-404-007 | 226     | E   | MOORE ST **        | FLINT | 48505 | HHF5    | 53    |
| 14                                      | 46-36-404-015 | 201     |     | EDWIN AVE          | FLINT | 48505 | HHF5    | 53    |
| 15                                      | 46-36-404-016 | 205     |     | EDWIN AVE **       | FLINT | 48505 | HHF5    | 53    |
| 16                                      | 46-36-404-032 | 213     |     | EDWIN AVE **       | FLINT | 48505 | HHF5    | 53    |
| 17                                      | 46-36-406-009 | 136     |     | EDWIN AVE ***      | FLINT | 48505 | HHF5    | 53    |
| 18                                      | 46-36-407-005 | 222     |     | EDWIN AVE          | FLINT | 48505 | HHF5    | 53    |
| 19                                      | 46-36-407-013 | 318     |     | EDWIN AVE **       | FLINT | 48505 | HHF5    | 53    |
| 20                                      | 46-36-407-019 | 217     |     | DAMON ST           | FLINT | 48505 | HHF5    | 53    |
| 21                                      | 46-36-408-007 | 124     |     | DAMON ST           | FLINT | 48505 | HHF5    | 53    |
| 22                                      | 46-36-408-010 | 140     |     | DAMON ST ***       | FLINT | 48505 | HHF5    | 53    |
| 23                                      | 46-36-408-020 | 135     | E   | MYRTLE AVE         | FLINT | 48505 | HHF5    | 53    |
| 24                                      | 46-36-408-022 | 143     | E   | MYRTLE AVE         | FLINT | 48505 | HHF5    | 53    |
| 25                                      | 46-36-409-015 | 201     | E   | MYRTLE AVE         | FLINT | 48505 | HHF5    | 53    |
| 26                                      | 46-36-409-018 | 209     | E   | MYRTLE AVE         | FLINT | 48505 | HHF5    | 53    |
| 27                                      | 46-36-411-010 | 126     | E   | MYRTLE AVE ***     | FLINT | 48505 | HHF5    | 53    |
| 28                                      | 46-36-411-014 | 140     | E   | MYRTLE AVE         | FLINT | 48505 | HHF5    | 53    |
| 29                                      | 46-36-411-030 | 151     |     | EDMUND ST          | FLINT | 48505 | HHF5    | 53    |
| 30                                      | 46-36-412-006 | 218     | E   | MYRTLE AVE ***     | FLINT | 48505 | HHF5    | 53    |
| 31                                      | 46-36-412-020 | 215     |     | EDMUND ST ***      | FLINT | 48505 | HHF5    | 53    |
| 32                                      | 46-36-412-024 | 305     |     | EDMUND ST          | FLINT | 48505 | HHF5    | 53    |
| 33                                      | 46-36-412-025 | 309     |     | EDMUND ST **       | FLINT | 48505 | HHF5    | 53    |
| 34                                      | 46-36-412-026 | 313     |     | EDMUND ST          | FLINT | 48505 | HHF5    | 53    |
| 35                                      | 46-36-451-015 | 171     | E   | VAN WAGONER AVE ** | FLINT | 48505 | HHF5    | 53    |
| 36                                      | 46-36-452-001 | 202     |     | EDMUND ST **       | FLINT | 48505 | HHF5    | 53    |
| 37                                      | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5    | 53    |

| <b>LB18-023 - BID LIST # 2 - PROPERTY LIST</b> |                  |                |            |                  |             |            |                |              |
|------------------------------------------------|------------------|----------------|------------|------------------|-------------|------------|----------------|--------------|
| <b>No.</b>                                     | <b>PARCEL-NO</b> | <b>Address</b> | <b>Dir</b> | <b>Street</b>    | <b>City</b> | <b>Zip</b> | <b>Funding</b> | <b>Group</b> |
| 38                                             | 46-36-455-004    | 164            | E          | VAN WAGONER AVE  | FLINT       | 48505      | HHF5           | 53           |
| 39                                             | 46-36-455-023    | 3621           |            | WESLEY ST **     | FLINT       | 48505      | HHF5           | 53           |
| 40                                             | 46-36-455-027    | 3609           |            | WESLEY ST        | FLINT       | 48505      | HHF5           | 53           |
| 41                                             | 46-36-456-002    | 202            | E          | VAN WAGONER AVE  | FLINT       | 48505      | HHF5           | 53           |
| 42                                             | 46-36-456-016    | 3610           |            | WESLEY ST        | FLINT       | 48505      | HHF5           | 53           |
| 43                                             | 46-36-456-020    | 3709           |            | ALEXANDER ST     | FLINT       | 48505      | HHF5           | 53           |
| 44                                             | 46-36-456-022    | 3701           |            | ALEXANDER ST     | FLINT       | 48505      | HHF5           | 53           |
| 45                                             | 46-36-456-024    | 3617           |            | ALEXANDER ST     | FLINT       | 48505      | HHF5           | 53           |
| 46                                             | 46-36-457-006    | 318            | E          | VAN WAGONER AVE  | FLINT       | 48505      | HHF5           | 53           |
| 47                                             | 46-36-457-012    | 3622           |            | ALEXANDER ST *** | FLINT       | 48505      | HHF5           | 53           |
| 48                                             | 46-36-457-023    | 3701           |            | MARVIN ST ***    | FLINT       | 48505      | HHF5           | 53           |
| 49                                             | 46-36-457-025    | 3617           |            | MARVIN ST **     | FLINT       | 48505      | HHF5           | 53           |
| 50                                             | 46-36-457-026    | 3615           |            | MARVIN ST        | FLINT       | 48505      | HHF5           | 53           |

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Soil erosion permit or waiver must be turned in with payment request packet in order to receive payment.

## ABATEMENT BID TABS

As described later in the specification, certain regulatory exemptions exist for the removal and disposal of environmental hazardous materials from residential structures. Regardless of any regulatory exemption, the GCLBA has decided to divert certain waste from landfill disposal and therefore will identify select materials during the pre-demolition survey, which will require manifesting and transportation to a licensed treatment, storage, or disposal facility or other appropriate disposal location. A site specific Pre-Demolition Hazardous Materials Survey will be prepared by others and provided to the abatement Contractor. Conditions may change and it is the Contractors responsibility to notify GCLBA of any site visit discovered changes.

| No | PARCEL-NO     | Address | Dir | Street            | City  | Zip   | Fund | Group | Category | Location                                    | Material                     | Quantity               |
|----|---------------|---------|-----|-------------------|-------|-------|------|-------|----------|---------------------------------------------|------------------------------|------------------------|
| 1  | 40-01-202-020 | 131     | E   | MC CLELLAN ST *** | FLINT | 48505 | HHF5 | 52    | ACM      | Attic                                       | Vermiculite                  | 165 CF                 |
| 1  | 40-01-202-020 | 131     | E   | MC CLELLAN ST *** | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                    | Transite Siding              | 1,240 SF               |
| 1  | 40-01-202-020 | 131     | E   | MC CLELLAN ST *** | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                    | Window Caulk                 | 130 LF<br>(13 Windows) |
| 1  | 40-01-202-020 | 131     | E   | MC CLELLAN ST *** | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                               | Vent Wrap                    | 70 SF                  |
| 1  | 40-01-202-020 | 131     | E   | MC CLELLAN ST *** | FLINT | 48505 | HHF5 | 52    | ACM      | Room 3, Stairs to Landing, Basement Landing | Brown Medallion Linoleum     | 220 SF                 |
| 1  | 40-01-202-020 | 131     | E   | MC CLELLAN ST *** | FLINT | 48505 | HHF5 | 52    | HAZ      | Basement                                    | Heating Oil Tank             | 2                      |
| 1  | 40-01-202-020 | 131     | E   | MC CLELLAN ST *** | FLINT | 48505 | HHF5 | 52    | HAZ      | Exterior                                    | Mercury Light Bulb           | 1                      |
| 1  | 40-01-202-020 | 131     | E   | MC CLELLAN ST *** | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 1                                      | Television                   | 1                      |
| 1  | 40-01-202-020 | 131     | E   | MC CLELLAN ST *** | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 3                                      | 5-Gal. Unknown               | 1                      |
| 1  | 40-01-202-020 | 131     | E   | MC CLELLAN ST *** | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 3, Room 5                              | Ballast                      | 3                      |
| 1  | 40-01-202-020 | 131     | E   | MC CLELLAN ST *** | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 3, Room 5                              | Fluorescent Light Bulb       | 3                      |
| 1  | 40-01-202-020 | 131     | E   | MC CLELLAN ST *** | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 4                                      | 5-Gal. Paint                 | 1                      |
| 2  | 40-01-203-013 | 132     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                                    | Octopus Furnace              | 1 Furnace              |
| 2  | 40-01-203-013 | 132     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                               | Vent Wrap                    | 100 SF                 |
| 2  | 40-01-203-013 | 132     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Room 2                                      | Cream Pebble Linoleum        | 40 SF                  |
| 2  | 40-01-203-013 | 132     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | HAZ      | Hall, Stairs to Basement                    | Carbon Monoxide Detector     | 2                      |
| 2  | 40-01-203-013 | 132     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | HAZ      | Hall, Stairs to Basement                    | Smoke Detector               | 2                      |
| 2  | 40-01-203-013 | 132     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 1                                      | Mercury Thermostat           | 1                      |
| 3  | 40-01-203-017 | 210     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                                    | Stack Cement                 | 5 SF                   |
| 3  | 40-01-203-017 | 210     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                    | White Door Caulk             | 20 LF                  |
| 3  | 40-01-203-017 | 210     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                               | Vent Wrap                    | 50 SF                  |
| 3  | 40-01-203-017 | 210     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Room 2                                      | Multilayer Flooring          | 90 SF                  |
| 3  | 40-01-203-017 | 210     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 1                                      | TV                           | 1                      |
| 4  | 40-01-203-022 | 222     | E   | MC CLELLAN ST **  | FLINT | 48505 | HHF5 | 52    | ACM      | Porch                                       | Black 9x9 Floor Tile         | 50 SF                  |
| 4  | 40-01-203-022 | 222     | E   | MC CLELLAN ST **  | FLINT | 48505 | HHF5 | 52    | ACM      | Room 2 Vent                                 | Vent Wrap                    | 40 SF                  |
| 4  | 40-01-203-022 | 222     | E   | MC CLELLAN ST **  | FLINT | 48505 | HHF5 | 52    | ACM      | Room 5                                      | Green Linoleum (Layer 3)     | 50 SF                  |
| 4  | 40-01-203-022 | 222     | E   | MC CLELLAN ST **  | FLINT | 48505 | HHF5 | 52    | ACM      | Room 6                                      | Cream Stone 12x12 Floor Tile | 100 SF                 |
| 4  | 40-01-203-022 | 222     | E   | MC CLELLAN ST **  | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 3                                      | Various Paints               | 5                      |
| 4  | 40-01-203-022 | 222     | E   | MC CLELLAN ST **  | FLINT | 48505 | HHF5 | 52    | HAZ      | Hall                                        | Smoke Detector               | 1                      |
| 4  | 40-01-203-022 | 222     | E   | MC CLELLAN ST **  | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 1                                      | Mercury Thermostat           | 1                      |
| 4  | 40-01-203-022 | 222     | E   | MC CLELLAN ST **  | FLINT | 48505 | HHF5 | 52    | TIRE     | Exterior                                    | Tire                         | 1                      |
| 4  | 40-01-203-022 | 222     | E   | MC CLELLAN ST**   | FLINT | 48505 | HHF5 | 52    | zNote    | Basement                                    | Excessive Debris             |                        |
| 5  | 40-01-203-025 | 234     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                                    | Basement Window Glaze        | 40 SF<br>(4 Windows)   |
| 5  | 40-01-203-025 | 234     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                                    | Stack Cement                 | 5 SF                   |
| 5  | 40-01-203-025 | 234     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                    | Window Glaze                 | 165 SF<br>(11 Windows) |
| 5  | 40-01-203-025 | 234     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                               | Vent Wrap                    | 120 SF                 |
| 5  | 40-01-203-025 | 234     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | HAZ      | Hall, Stairs to Basement                    | Smoke Detector               | 2                      |
| 5  | 40-01-203-025 | 234     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | TIRE     | Room 1                                      | Automobile Tire              | 1                      |
| 6  | 40-01-203-039 | 217     | E   | GENESEE ST        | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                    | Awning Caulk                 | 10 LF                  |
| 6  | 40-01-203-039 | 217     | E   | GENESEE ST        | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                               | Vent Wrap                    | 100 SF                 |
| 7  | 40-01-203-040 | 221     | E   | GENESEE ST **     | FLINT | 48505 | HHF5 | 52    | TIRE     | Exterior                                    | Automobile Tire              | 4                      |
| 7  | 40-01-203-040 | 221     | E   | GENESEE ST **     | FLINT | 48505 | HHF5 | 52    | zNote    | Whole House                                 | Unsafe Floors                |                        |
| 8  | 40-01-204-014 | 402     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                    | Transite Siding              | 1,100 SF               |
| 8  | 40-01-204-014 | 402     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                    | Window Caulk                 | 190 LF<br>(19 Windows) |
| 8  | 40-01-204-014 | 402     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                    | Window Glaze                 | 120 SF<br>(8 Windows)  |
| 8  | 40-01-204-014 | 402     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                               | Vent Wrap                    | 160 SF                 |
| 8  | 40-01-204-014 | 402     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Walls                                       | Plaster                      | 3,200 SF               |
| 9  | 40-01-204-016 | 410     | E   | MC CLELLAN ST     | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                               | Vent Wrap                    | 80 SF                  |



| No | PARCEL-NO     | Address | Dir | Street       | City  | Zip   | Fund | Group | Category | Location                            | Material                             | Quantity               |
|----|---------------|---------|-----|--------------|-------|-------|------|-------|----------|-------------------------------------|--------------------------------------|------------------------|
| 10 | 40-01-204-025 | 305     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Basement Windows                    | Basement Window Caulk                | 50 LF                  |
| 10 | 40-01-204-025 | 305     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Entry                               | Brown with Streaks 9x9 Floor Tile    | 20 SF                  |
| 10 | 40-01-204-025 | 305     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                            | Transite Siding                      | 2,400 SF               |
| 10 | 40-01-204-025 | 305     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                       | Vent Wrap                            | 220 SF                 |
| 10 | 40-01-204-025 | 305     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Room 8, 2nd Floor Landing, Hall     | Grey 9x9 Floor Tile (Checkered)      | 100 SF                 |
| 10 | 40-01-204-025 | 305     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Room 8, 2nd Floor Landing, Hall     | Red 9x9 Floor Tile (Checkered)       | 100 SF                 |
| 10 | 40-01-204-025 | 305     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | HAZ      | Basement                            | Fluorescent Lightbulb                | 1                      |
| 10 | 40-01-204-025 | 305     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | HAZ      | 1st Floor Hall, Room 1              | Paint (Assorted Sizes)               | 3                      |
| 10 | 40-01-204-025 | 305     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | TIRE     | Basement                            | Automobile Tire                      | 4                      |
| 11 | 40-01-204-026 | 309     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                       | Vent Wrap                            | 180 SF                 |
| 11 | 40-01-204-026 | 309     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Windows                             | Window Glaze                         | 180 SF<br>(12 Windows) |
| 11 | 40-01-204-026 | 309     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 1                              | Mercury Thermostat                   | 1                      |
| 11 | 40-01-204-026 | 309     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | HAZ      | Stairs to Landing, 2nd Floor Hall   | Smoke Detector                       | 2                      |
| 12 | 40-01-204-032 | 333     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Room 2                              | Beige 12x12 Floor Tile (Layer 3)     | 180 SF                 |
| 12 | 40-01-204-032 | 333     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Room 2                              | Checkered 12x12 Floor Tile (Layer 1) | 180 SF                 |
| 12 | 40-01-204-032 | 333     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Windows                             | Window Glaze                         | 195 SF<br>(13 Windows) |
| 12 | 40-01-204-032 | 333     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 1                              | 1-Gal. Paint                         | 1                      |
| 12 | 40-01-204-032 | 333     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 2                              | Fluorescent Lightbulb                | 1                      |
| 12 | 40-01-204-032 | 333     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 2                              | Ballast                              | 1                      |
| 13 | 40-01-204-033 | 337     | E   | GENESEE ST * | FLINT | 48505 | HHF5 | 52    | zNote    | Whole House                         | Fire Damage/Unsafe                   |                        |
| 14 | 40-01-204-037 | 409     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                            | Beige Speckled 12x12 Floor Tile      | 460 SF                 |
| 14 | 40-01-204-037 | 409     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                            | Asphalt Siding Shingle               | 1,040 SF               |
| 14 | 40-01-204-037 | 409     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                       | Vent Wrap                            | 80 SF                  |
| 14 | 40-01-204-037 | 409     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Room 1, Room 2                      | Plaster/ Drywall (Texture)           | 1,060 SF               |
| 14 | 40-01-204-037 | 409     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 2                              | Mercury Thermostat                   | 1                      |
| 14 | 40-01-204-037 | 409     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 7                              | 1-Gal. Paint                         | 1                      |
| 14 | 40-01-204-037 | 409     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | TIRE     | Exterior                            | Automobile Tire                      | 5                      |
| 15 | 40-01-204-039 | 413     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Entry                               | Wood Hexagon 12x12 Floor Tile        | 10 SF                  |
| 15 | 40-01-204-039 | 413     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Entry (Layer 2)                     | Yellow Brick Linoleum                | 10 SF                  |
| 15 | 40-01-204-039 | 413     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Room 5, Room 6, Hall (Layer 2)      | Yellow Pebble Linoleum               | 165 SF                 |
| 15 | 40-01-204-039 | 413     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | HAZ      | Basement                            | 1-Gal. Paint                         | 4                      |
| 15 | 40-01-204-039 | 413     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | HAZ      | Basement                            | Paint Thinner                        | 1                      |
| 15 | 40-01-204-039 | 413     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | HAZ      | Porch, Entry, Room 3, Room 5        | Compact Fluorescent Lightbulb        | 4                      |
| 15 | 40-01-204-039 | 413     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 1                              | Television                           | 1                      |
| 15 | 40-01-204-039 | 413     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 5                              | Ballast                              | 2                      |
| 15 | 40-01-204-039 | 413     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 5                              | Fluorescent Lightbulb                | 2                      |
| 15 | 40-01-204-039 | 413     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | TIRE     | Exterior                            | Automobile Tire                      | 1                      |
| 16 | 40-01-204-040 | 417     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | 2nd Floor Hall Walls                | Medallion Linoleum                   | 50 SF                  |
| 16 | 40-01-204-040 | 417     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | 2nd Floor Landing                   | Gold Filigree 12x12 Floor Tile       | 20 SF                  |
| 16 | 40-01-204-040 | 417     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                            | Stack Cement                         | 5 SF                   |
| 16 | 40-01-204-040 | 417     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                            | Window Glaze                         | 345 SF<br>(23 Windows) |
| 16 | 40-01-204-040 | 417     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                       | Vent Wrap                            | 120 SF                 |
| 16 | 40-01-204-040 | 417     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Room 3 (Layer 3), Stairs to Landing | Multilayer Flooring                  | 95 SF                  |
| 16 | 40-01-204-040 | 417     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Room 5                              | Bathroom Multilayer Flooring         | 30 SF                  |
| 16 | 40-01-204-040 | 417     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Room 7                              | Brown Streaked 9x9 Floor Tile        | 50 SF                  |
| 16 | 40-01-204-040 | 417     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | TIRE     | Exterior                            | Automobile Tire                      | 1                      |
| 17 | 40-01-204-043 | 425     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                            | Stack Cement                         | 5 SF                   |
| 17 | 40-01-204-043 | 425     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | ACM      | House Vents                         | Vent Wrap                            | 50 SF                  |
| 17 | 40-01-204-043 | 425     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 5, Stairs to 2nd Floor         | Smoke Detector                       | 2                      |
| 17 | 40-01-204-043 | 425     | E   | GENESEE ST   | FLINT | 48505 | HHF5 | 52    | TIRE     | Entry                               | Tire                                 | 2                      |

| No | PARCEL-NO     | Address | Dir | Street           | City  | Zip   | Fund | Group | Category | Location                             | Material                                                                       | Quantity        |
|----|---------------|---------|-----|------------------|-------|-------|------|-------|----------|--------------------------------------|--------------------------------------------------------------------------------|-----------------|
| 18 | 40-01-204-045 | 433     | E   | GENESEE ST       | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                        | Vent Wrap                                                                      | 160 SF          |
| 18 | 40-01-204-045 | 433     | E   | GENESEE ST       | FLINT | 48505 | HHF5 | 52    | ACM      | Room 4                               | Grey 12x12 Floor Tile (Checkered)                                              | 15 SF           |
| 18 | 40-01-204-045 | 433     | E   | GENESEE ST       | FLINT | 48505 | HHF5 | 52    | ACM      | Room 4                               | Teal 9x9 Floor Tile (Checkered)                                                | 15 SF           |
| 18 | 40-01-204-045 | 433     | E   | GENESEE ST       | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 3                               | Ballast                                                                        | 1               |
| 18 | 40-01-204-045 | 433     | E   | GENESEE ST       | FLINT | 48505 | HHF5 | 52    | TIRE     | Basement                             | Automobile Tire                                                                | 12              |
| 18 | 40-01-204-045 | 433     | E   | GENESEE ST       | FLINT | 48505 | HHF5 | 52    | zNote    | Room 1, Room 2                       | Excessive Debris                                                               |                 |
| 19 | 40-01-228-014 | 3209    |     | MILDRED ST       | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                        | Vent Wrap                                                                      | 140 SF          |
| 19 | 40-01-228-014 | 3209    |     | MILDRED ST       | FLINT | 48505 | HHF5 | 52    | ACM      | Plaster Walls and Ceiling            | Plaster                                                                        | 2,370 SF        |
| 19 | 40-01-228-014 | 3209    |     | MILDRED ST       | FLINT | 48505 | HHF5 | 52    | HAZ      | Basement                             | Lead Acid Battery                                                              | 1               |
| 19 | 40-01-228-014 | 3209    |     | MILDRED ST       | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 1                               | Mercury Thermostat                                                             | 1               |
| 19 | 40-01-228-014 | 3209    |     | MILDRED ST       | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 1, Room 2, Room 4               | Fluorescent Bulb                                                               | 5               |
| 19 | 40-01-228-014 | 3209    |     | MILDRED ST       | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 1, Stairs to Basement, Basement | Smoke Detector                                                                 | 3               |
| 19 | 40-01-228-014 | 3209    |     | MILDRED ST       | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 2, Room 4                       | Ballast                                                                        | 3               |
| 19 | 40-01-228-014 | 3209    |     | MILDRED ST       | FLINT | 48505 | HHF5 | 52    | TIRE     | Exterior                             | Automobile Tire                                                                | 3               |
| 20 | 40-01-230-006 | 434     | E   | JAMIESON ST      | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                        | Vent Wrap                                                                      | 70 SF           |
| 20 | 40-01-230-006 | 434     | E   | JAMIESON ST      | FLINT | 48505 | HHF5 | 52    | ACM      | Roof                                 | Roof Caulk                                                                     | 100 LF          |
| 20 | 40-01-230-006 | 434     | E   | JAMIESON ST      | FLINT | 48505 | HHF5 | 52    | ACM      | Room 7                               | Shower Mastic                                                                  | 50 SF           |
| 20 | 40-01-230-006 | 434     | E   | JAMIESON ST      | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 2                               | Mercury Thermostat                                                             | 1               |
| 20 | 40-01-230-006 | 434     | E   | JAMIESON ST      | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 2, 2nd Floor Hall, Room 4       | Smoke Detector                                                                 | 3               |
| 21 | 40-02-380-014 | 1611    |     | COPEMAN BLVD *** | FLINT | 48504 | HHF4 | 60    | ACM      | Throughout (319 Cubic feet)          | Vermiculite Insulation                                                         | 637 Square feet |
| 21 | 40-02-380-014 | 1611    |     | COPEMAN BLVD *** | FLINT | 48504 | HHF4 | 60    | ACM      | Throughout Exterior                  | Exterior Caulk                                                                 | 12 Square feet  |
| 21 | 40-02-380-014 | 1611    |     | COPEMAN BLVD *** | FLINT | 48504 | HHF4 | 60    | Tires    | Garage                               | Tire                                                                           | 1               |
| 21 | 40-02-380-014 | 1611    |     | COPEMAN BLVD *** | FLINT | 48504 | HHF4 | 60    | Tires    | Kitchen                              | Tire                                                                           | 1               |
| 21 | 40-02-380-014 | 1611    |     | COPEMAN BLVD *** | FLINT | 48504 | HHF4 | 60    | Tires    | Left Side of Garage                  | Tires                                                                          | 2               |
| 21 | 40-02-380-014 | 1611    |     | COPEMAN BLVD *** | FLINT | 48504 | HHF4 | 60    | Tires    | Living Room                          | Tires                                                                          | 2               |
| 21 | 40-02-380-014 | 1611    |     | COPEMAN BLVD *** | Flint | 48504 | HHF4 | 60    | z-ED     |                                      | Fire damage throughout, limited inspection. Vermiculite insulation throughout. |                 |
| 21 | 40-02-380-014 | 1611    |     | COPEMAN BLVD *** | Flint | 48504 | HHF4 | 60    | zNote    |                                      | Fire damage throughout, limited inspection. Vermiculite insulation throughout. |                 |
| 22 | 40-02-404-012 | 2326    |     | FOREST HILL AVE  | FLINT | 48504 | HHF4 | D-36  | ACM      | Basement                             | Furnace Caulk                                                                  | 1 Square feet   |
| 22 | 40-02-404-012 | 2326    |     | FOREST HILL AVE  | FLINT | 48504 | HHF4 | D-36  | ACM      | Basement                             | Furnace Gasket                                                                 | 1 Square feet   |
| 22 | 40-02-404-012 | 2326    |     | FOREST HILL AVE  | FLINT | 48504 | HHF4 | D-36  | ACM      | Front Middle of House                | Exterior Caulk                                                                 | 16 Square feet  |
| 22 | 40-02-404-012 | 2326    |     | FOREST HILL AVE  | FLINT | 48504 | HHF4 | D-36  | ACM      | Living Room                          | Duct Wrap (12" Pipe Fully Wrapped)                                             | 62 Square feet  |
| 22 | 40-02-404-012 | 2326    |     | FOREST HILL AVE  | FLINT | 48504 | HHF4 | D-36  | ACM      | Living Room                          | Duct Wrap (2" Tape - 37 Linear feet)                                           | 6 Square feet   |
| 22 | 40-02-404-012 | 2326    |     | FOREST HILL AVE  | FLINT | 48504 | HHF4 | D-36  | ACM      | Living Room                          | Duct Wrap (4 boots, 3 runs)                                                    | 110 Square feet |
| 22 | 40-02-404-012 | 2326    |     | FOREST HILL AVE  | FLINT | 48504 | HHF4 | D-36  | ACM      | Living Room                          | Duct Wrap (8" Pipe Fully Wrapped)                                              | 18 Square feet  |
| 22 | 40-02-404-012 | 2326    |     | FOREST HILL AVE  | FLINT | 48504 | HHF4 | D-36  | HAZ      | Bathroom                             | Fluorescent Light Bulb                                                         | 1 - 2' Bulb     |
| 22 | 40-02-404-012 | 2326    |     | FOREST HILL AVE  | FLINT | 48504 | HHF4 | D-36  | HAZ      | Dining Room                          | Mercury Thermostat                                                             | 1               |
| 22 | 40-02-404-012 | 2326    |     | FOREST HILL AVE  | FLINT | 48504 | HHF4 | D-36  | HAZ      | Dining Room                          | Smoke Detector                                                                 | 1               |
| 22 | 40-02-404-012 | 2326    |     | FOREST HILL AVE  | FLINT | 48504 | HHF4 | D-36  | HAZ      | Second Floor Hallway                 | Smoke Detector                                                                 | 1               |
| 22 | 40-02-404-012 | 2326    |     | FOREST HILL AVE  | FLINT | 48504 | HHF4 | D-36  | Tires    | Garage                               | Tires                                                                          | 3               |
| 23 | 40-02-404-039 | 2221    |     | LAWNDALE AVE *** | FLINT | 48504 | HHF4 | E-35  | ACM      | Attic                                | Vermiculite                                                                    | 40CF            |
| 23 | 40-02-404-039 | 2221    |     | LAWNDALE AVE *** | FLINT | 48504 | HHF4 | E-35  | ACM      | Exterior                             | Window Glaze(14 windows)                                                       | 210 SF          |
| 23 | 40-02-404-039 | 2221    |     | LAWNDALE AVE *** | FLINT | 48504 | HHF4 | E-35  | ACM      | House Ducting                        | Vent Wrap                                                                      | 240 SF          |
| 23 | 40-02-404-039 | 2221    |     | LAWNDALE AVE *** | FLINT | 48504 | HHF4 | E-35  | ACM      | Room 6                               | Pink Square Linoleum                                                           | 40 SF           |
| 23 | 40-02-404-039 | 2221    |     | LAWNDALE AVE *** | FLINT | 48504 | HHF4 | E-35  | HAZ      | Basement                             | Fluorescent Bulb                                                               | 2               |
| 23 | 40-02-404-039 | 2221    |     | LAWNDALE AVE *** | FLINT | 48504 | HHF4 | E-35  | HAZ      | Room 3                               | 1-Qt. Enamel                                                                   | 4               |
| 23 | 40-02-404-039 | 2221    |     | LAWNDALE AVE *** | FLINT | 48504 | HHF4 | E-35  | HAZ      | Room 3, Shed                         | 1-Gal. Paint                                                                   | 6               |
| 23 | 40-02-404-039 | 2221    |     | LAWNDALE AVE *** | FLINT | 48504 | HHF4 | E-35  | HAZ      | Room 3, Shed                         | 1-Pt. Paint                                                                    | 6               |
| 23 | 40-02-404-039 | 2221    |     | LAWNDALE AVE *** | FLINT | 48504 | HHF4 | E-35  | HAZ      | Shed                                 | 1-Gal. Stain                                                                   | 2               |
| 23 | 40-02-404-039 | 2221    |     | LAWNDALE AVE *** | FLINT | 48504 | HHF4 | E-35  | zNote    |                                      | Garage - Inaccessible                                                          |                 |
| 23 | 40-02-404-039 | 2221    |     | LAWNDALE AVE *** | FLINT | 48504 | HHF4 | E-35  | TIRE     | Under Front Porch                    | Tire                                                                           | 1               |

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|----|---------------|---------|-----|--------------------|-------|-------|------|-------|----------|--------------------------------------------|----------------------------------|------------------------|
| 24 | 40-02-428-028 | 2221    |     | MT ELLIOTT AVE *** |       | 48504 | HHF4 | E-35  | ACM      | Attic                                      | Vermiculite                      | 160 CF                 |
| 24 | 40-02-428-028 | 2221    |     | MT ELLIOTT AVE *** | FLINT | 48504 | HHF4 | E-35  | ACM      | Basement                                   | Black Stack Cement               | 10 SF                  |
| 24 | 40-02-428-028 | 2221    |     | MT ELLIOTT AVE *** | FLINT | 48504 | HHF4 | E-35  | ACM      | House Ducting                              | Vent Wrap                        | 160 SF                 |
| 24 | 40-02-428-028 | 2221    |     | MT ELLIOTT AVE *** | FLINT | 48504 | HHF4 | E-35  | ACM      | Landing to Side Entry                      | Brown and Yellow Linoleum        | 20 SF                  |
| 24 | 40-02-428-028 | 2221    |     | MT ELLIOTT AVE *** | FLINT | 48504 | HHF4 | E-35  | HAZ      | Basement                                   | Lead-Acid Battery                | 1                      |
| 24 | 40-02-428-028 | 2221    |     | MT ELLIOTT AVE *** | FLINT | 48504 | HHF4 | E-35  | HAZ      | Basement                                   | Smoke Detector                   | 1                      |
| 24 | 40-02-428-028 | 2221    |     | MT ELLIOTT AVE *** | FLINT | 48504 | HHF4 | E-35  | HAZ      | Garage                                     | Mercury Vapor Light Bulb         | 1                      |
| 24 | 40-02-428-028 | 2221    |     | MT ELLIOTT AVE *** | FLINT | 48504 | HHF4 | E-35  | HAZ      | Room 1                                     | Mercury Thermostat               | 1                      |
| 25 | 46-36-455-028 | 3605    |     | WESLEY ST *        | FLINT | 48505 | HHF5 | 52    | HAZ      | Exterior                                   | Automobile Tire                  | 1                      |
| 25 | 46-36-455-028 | 3605    |     | WESLEY ST *        | FLINT | 48505 | HHF5 | 52    | zNote    | Whole House                                | Collapsed/Unsafe Floors          |                        |
| 26 | 46-36-456-018 | 3602    |     | WESLEY ST          | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                                   | Stack Cement                     | 5 SF                   |
| 26 | 46-36-456-018 | 3602    |     | WESLEY ST          | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                   | Basement Window Glaze            | 40 SF<br>(4 Windows)   |
| 26 | 46-36-456-018 | 3602    |     | WESLEY ST          | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                   | Window Glaze                     | 240 SF<br>(16 Windows) |
| 26 | 46-36-456-018 | 3602    |     | WESLEY ST          | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                              | Vent Wrap                        | 120 SF                 |
| 26 | 46-36-456-018 | 3602    |     | WESLEY ST          | FLINT | 48505 | HHF5 | 52    | ACM      | Room 3                                     | Brown Linoleum (Layer 4)         | 110 SF                 |
| 26 | 46-36-456-018 | 3602    |     | WESLEY ST          | FLINT | 48505 | HHF5 | 52    | ACM      | Room 3                                     | Tan Linoleum (Layer 3)           | 110 SF                 |
| 26 | 46-36-456-018 | 3602    |     | WESLEY ST          | FLINT | 48505 | HHF5 | 52    | ACM      | Room 7                                     | Fireplace Caulk                  | 10 LF                  |
| 26 | 46-36-456-018 | 3602    |     | WESLEY ST          | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 2                                     | Mercury Thermostat               | 1                      |
| 26 | 46-36-456-018 | 3602    |     | WESLEY ST          | FLINT | 48505 | HHF5 | 52    | HAZ      | Exterior                                   | Boat                             | 1                      |
| 26 | 46-36-456-018 | 3602    |     | WESLEY ST          | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 2                                     | Smoke Detector                   | 1                      |
| 26 | 46-36-456-018 | 3602    |     | WESLEY ST          | FLINT | 48505 | HHF5 | 52    | TIRE     | Garage                                     | Automobile Tire                  | 5                      |
| 27 | 46-36-459-008 | 3414    |     | ESTHER ST          | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                              | Vent Wrap                        | 80 SF                  |
| 27 | 46-36-459-008 | 3414    |     | ESTHER ST          | FLINT | 48505 | HHF5 | 52    | ACM      | Room 1, Room 2, Room 5, Stairs to Basement | Plaster                          | 1,740 SF               |
| 27 | 46-36-459-008 | 3414    |     | ESTHER ST          | FLINT | 48505 | HHF5 | 52    | ACM      | Room 4 Layer 2                             | Gold Honeycomb Linoleum          | 85 SF                  |
| 27 | 46-36-459-008 | 3414    |     | ESTHER ST          | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 1                                     | 5-Gal. Joint Compound            | 2                      |
| 28 | 46-36-459-016 | 3501    |     | WESLEY ST          | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                   | Window Glaze                     | 330 SF<br>(22 Windows) |
| 28 | 46-36-459-016 | 3501    |     | WESLEY ST          | FLINT | 48505 | HHF5 | 52    | ACM      | Room 6                                     | Grey 9x9 Floor Tile              | 50 SF                  |
| 28 | 46-36-459-016 | 3501    |     | WESLEY ST          | FLINT | 48505 | HHF5 | 52    | HAZ      | Basement                                   | Heating Oil Tank                 | 2                      |
| 29 | 46-36-459-022 | 163     | E   | PASADENA AVE       | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                   | Transite                         | 2,400 SF               |
| 29 | 46-36-459-022 | 163     | E   | PASADENA AVE       | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                              | Vent Wrap                        | 200 SF                 |
| 29 | 46-36-459-022 | 163     | E   | PASADENA AVE       | FLINT | 48505 | HHF5 | 52    | ACM      | Rooms 2-10,12                              | Plaster                          | 3,975 SF               |
| 29 | 46-36-459-022 | 163     | E   | PASADENA AVE       | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 2, Room 11, Room 12                   | Television                       | 3                      |
| 29 | 46-36-459-022 | 163     | E   | PASADENA AVE       | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 2                                     | Computer                         | 2                      |
| 30 | 46-36-459-024 | 171     | E   | PASADENA AVE ***   | FLINT | 48505 | HHF5 | 52    | ACM      | All 1st and 2nd Floor Windows              | Window Glaze                     | 270 SF<br>(18 Windows) |
| 30 | 46-36-459-024 | 171     | E   | PASADENA AVE ***   | FLINT | 48505 | HHF5 | 52    | ACM      | Attic                                      | Vermiculite                      | 125 CF                 |
| 30 | 46-36-459-024 | 171     | E   | PASADENA AVE ***   | FLINT | 48505 | HHF5 | 52    | ACM      | Basement Landing                           | Green 12x12 Floor Tile           | 20 SF                  |
| 30 | 46-36-459-024 | 171     | E   | PASADENA AVE ***   | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                              | Vent Wrap                        | 200 SF                 |
| 30 | 46-36-459-024 | 171     | E   | PASADENA AVE ***   | FLINT | 48505 | HHF5 | 52    | ACM      | Roof                                       | Roof Caulk                       | 120 LF                 |
| 30 | 46-36-459-024 | 171     | E   | PASADENA AVE ***   | FLINT | 48505 | HHF5 | 52    | HAZ      | 2nd Floor Landing                          | Smoke Detector                   | 1                      |
| 30 | 46-36-459-024 | 171     | E   | PASADENA AVE ***   | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 2                                     | Mercury Thermostat               | 1                      |
| 30 | 46-36-459-024 | 171     | E   | PASADENA AVE ***   | FLINT | 48505 | HHF5 | 52    | TIRE     | Porch                                      | Automobile Tire                  | 1                      |
| 31 | 46-36-460-008 | 3502    |     | WESLEY ST **       | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                   | Window Glaze                     | 165 SF<br>(11 Windows) |
| 31 | 46-36-460-008 | 3502    |     | WESLEY ST **       | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                              | Vent Wrap                        | 20 SF                  |
| 31 | 46-36-460-008 | 3502    |     | WESLEY ST **       | FLINT | 48505 | HHF5 | 52    | ACM      | Room 1, Room 3, Room 5                     | Plaster                          | 1,735 SF               |
| 31 | 46-36-460-008 | 3502    |     | WESLEY ST **       | FLINT | 48505 | HHF5 | 52    | ACM      | Room 5                                     | 12x12 Stone Floor Tile (Layer 1) | 80 SF                  |
| 31 | 46-36-460-008 | 3502    |     | WESLEY ST **       | FLINT | 48505 | HHF5 | 52    | zNote    | Basement                                   | Excessive Debris                 |                        |
| 32 | 46-36-460-009 | 3412    |     | WESLEY ST *        | FLINT | 48505 | HHF5 | 52    | zNote    | Whole House                                | Interior Collapsed               |                        |

| No | PARCEL-NO     | Address | Dir | Street           | City  | Zip   | Fund | Group | Category | Location                              | Material                                   | Quantity               |
|----|---------------|---------|-----|------------------|-------|-------|------|-------|----------|---------------------------------------|--------------------------------------------|------------------------|
| 33 | 46-36-460-012 | 3527    |     | ALEXANDER ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                              | Stack Cement                               | 5 SF                   |
| 33 | 46-36-460-012 | 3527    |     | ALEXANDER ST     | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                         | Vent Wrap                                  | 160 SF                 |
| 33 | 46-36-460-012 | 3527    |     | ALEXANDER ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Walls & Ceilings                      | Plaster                                    | 4,010 SF               |
| 33 | 46-36-460-012 | 3527    |     | ALEXANDER ST     | FLINT | 48505 | HHF5 | 52    | HAZ      | 2nd Floor Hall                        | Smoke Detector                             | 1                      |
| 33 | 46-36-460-012 | 3527    |     | ALEXANDER ST     | FLINT | 48505 | HHF5 | 52    | HAZ      | Basement                              | 1-Gal. Paint                               | 4                      |
| 33 | 46-36-460-012 | 3527    |     | ALEXANDER ST     | FLINT | 48505 | HHF5 | 52    | HAZ      | Basement                              | 5-Gal. Paint                               | 1                      |
| 33 | 46-36-460-012 | 3527    |     | ALEXANDER ST     | FLINT | 48505 | HHF5 | 52    | HAZ      | Exterior                              | Automobile                                 | 1                      |
| 33 | 46-36-460-012 | 3527    |     | ALEXANDER ST     | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 5, Room 7, Room 6, Room 10, Hall | Compact Fluorescent Lightbulb              | 6                      |
| 33 | 46-36-460-012 | 3527    |     | ALEXANDER ST     | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 6, Room 7                        | Television                                 | 3                      |
|    |               |         |     |                  |       |       |      |       |          |                                       |                                            |                        |
| 34 | 46-36-460-018 | 201     | E   | PASADENA AVE     | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                              | Basement Window Glaze                      | 40 SF<br>(4 Windows)   |
| 34 | 46-36-460-018 | 201     | E   | PASADENA AVE     | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                              | Gargage Window Glaze                       | 30 SF<br>(2 Windows)   |
| 34 | 46-36-460-018 | 201     | E   | PASADENA AVE     | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                              | Transite Siding                            | 1,650 SF               |
| 34 | 46-36-460-018 | 201     | E   | PASADENA AVE     | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                              | Window Glaze                               | 225 SF<br>(15 Windows) |
| 34 | 46-36-460-018 | 201     | E   | PASADENA AVE     | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                         | Vent Wrap                                  | 140 SF                 |
| 34 | 46-36-460-018 | 201     | E   | PASADENA AVE     | FLINT | 48505 | HHF5 | 52    | ACM      | Room 4                                | Shower Mastic                              | 40 SF                  |
| 34 | 46-36-460-018 | 201     | E   | PASADENA AVE     | FLINT | 48505 | HHF5 | 52    | ACM      | Room 6 (Closet)                       | Brown Ellipse Linoleum                     | 15 SF                  |
| 34 | 46-36-460-018 | 201     | E   | PASADENA AVE     | FLINT | 48505 | HHF5 | 52    | HAZ      | Garage                                | 1-Gal. Paint                               | 4                      |
| 34 | 46-36-460-018 | 201     | E   | PASADENA AVE     | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 1                                | Smoke Detector                             | 1                      |
| 34 | 46-36-460-018 | 201     | E   | PASADENA AVE     | FLINT | 48505 | HHF5 | 52    | TIRE     | Garage                                | Automobile Tire                            | 1                      |
|    |               |         |     |                  |       |       |      |       |          |                                       |                                            |                        |
| 35 | 46-36-460-022 | 219     | E   | PASADENA AVE     | FLINT | 48505 | HHF5 | 52    | ACM      | Walls & Ceiling                       | Drywall/Joint Compound - (Composite Trace) | 3,460 SF               |
| 35 | 46-36-460-022 | 219     | E   | PASADENA AVE     | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 6                                | 1-Gal. Paint                               | 2                      |
|    |               |         |     |                  |       |       |      |       |          |                                       |                                            |                        |
| 36 | 46-36-461-006 | 3516    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 52    | ACM      | Attic                                 | Vermiculite                                | 150 CF                 |
| 36 | 46-36-461-006 | 3516    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                              | Beige Pebble12x12 Floor Tile               | 200 SF                 |
| 36 | 46-36-461-006 | 3516    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                              | Stack Cement                               | 5 SF                   |
| 36 | 46-36-461-006 | 3516    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                              | Transite Siding                            | 1,650 SF               |
| 36 | 46-36-461-006 | 3516    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                         | Vent Wrap                                  | 50 SF                  |
| 36 | 46-36-461-006 | 3516    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 52    | HAZ      | Hall                                  | Smoke Detector                             | 1                      |
| 36 | 46-36-461-006 | 3516    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 1                                | Mercury Thermostat                         | 1                      |
|    |               |         |     |                  |       |       |      |       |          |                                       |                                            |                        |
| 37 | 46-36-461-007 | 3512    |     | ALEXANDER ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                              | Dark Grey Stack Cement                     | 5 SF                   |
| 37 | 46-36-461-007 | 3512    |     | ALEXANDER ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                              | Light Grey Stack Cement                    | 5 SF                   |
| 37 | 46-36-461-007 | 3512    |     | ALEXANDER ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                              | Basement Window Glaze                      | 40 SF<br>(4 Windows)   |
| 37 | 46-36-461-007 | 3512    |     | ALEXANDER ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                              | Window Glaze                               | 195 SF<br>(13 Windows) |
| 37 | 46-36-461-007 | 3512    |     | ALEXANDER ST     | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                         | Vent Wrap                                  | 100 SF                 |
| 37 | 46-36-461-007 | 3512    |     | ALEXANDER ST     | FLINT | 48505 | HHF5 | 52    | ACM      | Roof                                  | Roof Caulk                                 | 130 LF                 |
| 37 | 46-36-461-007 | 3512    |     | ALEXANDER ST     | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 2, Stairs to Landing             | Smoke Detector                             | 2                      |
|    |               |         |     |                  |       |       |      |       |          |                                       |                                            |                        |
| 38 | 46-36-461-008 | 3529    |     | MARVIN ST        | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                              | Roof Caulk                                 | 110 LF                 |
| 38 | 46-36-461-008 | 3529    |     | MARVIN ST        | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                         | Vent Wrap                                  | 160 SF                 |
| 38 | 46-36-461-008 | 3529    |     | MARVIN ST        | FLINT | 48505 | HHF5 | 52    | HAZ      | Basement                              | 5-Gal. Paint                               | 3                      |
| 38 | 46-36-461-008 | 3529    |     | MARVIN ST        | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 1                                | Smoke Detector                             | 1                      |
| 38 | 46-36-461-008 | 3529    |     | MARVIN ST        | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 7                                | Ballast                                    | 1                      |
| 38 | 46-36-461-008 | 3529    |     | MARVIN ST        | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 7                                | Fluorescent Lightbulb                      | 1                      |
| 38 | 46-36-461-008 | 3529    |     | MARVIN ST        | FLINT | 48505 | HHF5 | 52    | TIRE     | Garage                                | Automobile Tire                            | 2                      |

| No | PARCEL-NO     | Address | Dir | Street          | City  | Zip   | Fund | Group | Category | Location                                              | Material                          | Quantity               |
|----|---------------|---------|-----|-----------------|-------|-------|------|-------|----------|-------------------------------------------------------|-----------------------------------|------------------------|
| 39 | 46-36-462-009 | 3516    |     | MARVIN ST       | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                                              | Stack Cement                      | 5 SF                   |
| 39 | 46-36-462-009 | 3516    |     | MARVIN ST       | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                              | Basement Window Glaze             | 50 SF<br>(5 Windows)   |
| 39 | 46-36-462-009 | 3516    |     | MARVIN ST       | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                              | Transite Siding                   | 1,300 SF               |
| 39 | 46-36-462-009 | 3516    |     | MARVIN ST       | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                              | Window Glaze                      | 165 SF<br>(11 Windows) |
| 39 | 46-36-462-009 | 3516    |     | MARVIN ST       | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                                         | Vent Wrap                         | 100 SF                 |
| 39 | 46-36-462-009 | 3516    |     | MARVIN ST       | FLINT | 48505 | HHF5 | 52    | ACM      | Room 5                                                | Yellow Pattern Linoleum (Layer 2) | 70 SF                  |
| 39 | 46-36-462-009 | 3516    |     | MARVIN ST       | FLINT | 48505 | HHF5 | 52    | HAZ      | Driveway                                              | Commercial Van                    | 1                      |
| 39 | 46-36-462-009 | 3516    |     | MARVIN ST       | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 3                                                | Ballast                           | 1                      |
| 39 | 46-36-462-009 | 3516    |     | MARVIN ST       | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 3, Room 7                                        | Fluorescent Bulb                  | 3                      |
| 40 | 46-36-462-012 | 3521    |     | BUICK ST        | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                                              | Grey Stack Cement                 | 5 SF                   |
| 40 | 46-36-462-012 | 3521    |     | BUICK ST        | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                              | Window Glaze                      | 165 SF<br>(11 Windows) |
| 40 | 46-36-462-012 | 3521    |     | BUICK ST        | FLINT | 48505 | HHF5 | 52    | ACM      | Garage                                                | Garage Window Glaze               | 15 SF<br>(1 Window)    |
| 40 | 46-36-462-012 | 3521    |     | BUICK ST        | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                                         | Vent Wrap                         | 60 SF                  |
| 40 | 46-36-462-012 | 3521    |     | BUICK ST        | FLINT | 48505 | HHF5 | 52    | ACM      | Room 1                                                | 9x9 Brown Floor Tile (Checkered)  | 45 SF                  |
| 40 | 46-36-462-012 | 3521    |     | BUICK ST        | FLINT | 48505 | HHF5 | 52    | ACM      | Room 1                                                | 9x9 Tan Floor Tile (Checkered)    | 45 SF                  |
| 41 | 46-36-462-018 | 363     | E   | PASADENA AVE ** | FLINT | 48505 | HHF5 | 52    | ACM      | 1st Floor Walls and Ceiling                           | Plaster                           | 3,425 SF               |
| 41 | 46-36-462-018 | 363     | E   | PASADENA AVE ** | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                              | Window Glaze                      | 330 SF<br>(22 Windows) |
| 41 | 46-36-462-018 | 363     | E   | PASADENA AVE ** | FLINT | 48505 | HHF5 | 52    | ACM      | Roof                                                  | Roof Caulk                        | 130 LF                 |
| 41 | 46-36-462-018 | 363     | E   | PASADENA AVE ** | FLINT | 48505 | HHF5 | 52    | HAZ      | Hall                                                  | Smoke Detector                    | 1                      |
| 41 | 46-36-462-018 | 363     | E   | PASADENA AVE ** | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 1                                                | Mercury Thermostat                | 1                      |
| 41 | 46-36-462-018 | 363     | E   | PASADENA AVE ** | FLINT | 48505 | HHF5 | 52    | zNote    | Basement                                              | Missing Stairs - No Access        |                        |
| 42 | 46-36-480-019 | 409     | E   | GILLESPIE AVE   | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                                              | Basement Window Glaze             | 30 SF<br>(3 Windows)   |
| 42 | 46-36-480-019 | 409     | E   | GILLESPIE AVE   | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                                              | Stack Cement                      | 5 SF                   |
| 42 | 46-36-480-019 | 409     | E   | GILLESPIE AVE   | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                                         | Vent Wrap                         | 60 SF                  |
| 42 | 46-36-480-019 | 409     | E   | GILLESPIE AVE   | FLINT | 48505 | HHF5 | 52    | HAZ      | Stairs to Basement                                    | Smoke Detector                    | 1                      |
| 42 | 46-36-480-019 | 409     | E   | GILLESPIE AVE   | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 2                                                | Compact Fluorescent Lightbulb     | 1                      |
| 43 | 46-36-480-020 | 413     | E   | GILLESPIE AVE * | FLINT | 48505 | HHF5 | 52    | zNote    | Whole House                                           | Foundation Only                   |                        |
| 44 | 46-36-482-005 | 414     | E   | GILLESPIE AVE   | FLINT | 48505 | HHF5 | 52    | ACM      | 1st and 2nd Floor Windows                             | Window Glaze                      | 330 SF<br>(22 Windows) |
| 44 | 46-36-482-005 | 414     | E   | GILLESPIE AVE   | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                                              | Basement Window Glaze             | 60 SF<br>(6 Windows)   |
| 44 | 46-36-482-005 | 414     | E   | GILLESPIE AVE   | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                                              | Stack Cement                      | 5 SF                   |
| 44 | 46-36-482-005 | 414     | E   | GILLESPIE AVE   | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                                         | Vent Wrap                         | 240 SF                 |
| 44 | 46-36-482-005 | 414     | E   | GILLESPIE AVE   | FLINT | 48505 | HHF5 | 52    | ACM      | Room 7                                                | Bath Mastic                       | 15 SF                  |
| 44 | 46-36-482-005 | 414     | E   | GILLESPIE AVE   | FLINT | 48505 | HHF5 | 52    | HAZ      | Basement                                              | Joint Compound                    | 1                      |
| 44 | 46-36-482-005 | 414     | E   | GILLESPIE AVE   | FLINT | 48505 | HHF5 | 52    | HAZ      | Basement                                              | 5-Gal. Paint                      | 2                      |
| 44 | 46-36-482-005 | 414     | E   | GILLESPIE AVE   | FLINT | 48505 | HHF5 | 52    | HAZ      | Basement                                              | Mercury Thermostat                | 1                      |
| 44 | 46-36-482-005 | 414     | E   | GILLESPIE AVE   | FLINT | 48505 | HHF5 | 52    | HAZ      | Basement, 2nd Floor Hall                              | Smoke Detector                    | 2                      |
| 45 | 46-36-482-006 | 418     | E   | GILLESPIE AVE   | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                                         | Vent Wrap                         | 90 SF                  |
| 45 | 46-36-482-006 | 418     | E   | GILLESPIE AVE   | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 1                                                | Mercury Thermostat                | 1                      |
| 46 | 46-36-482-012 | 3511    |     | MILDRED ST      | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                                              | Stack Cement                      | 5 SF                   |
| 46 | 46-36-482-012 | 3511    |     | MILDRED ST      | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                                         | Vent Wrap                         | 140 SF                 |
| 46 | 46-36-482-012 | 3511    |     | MILDRED ST      | FLINT | 48505 | HHF5 | 52    | ACM      | Room 3 (Layer 2), Room 4 (Layer 2), Countertop Room 3 | Gold Filigree Linoleum            | 280 SF                 |
| 46 | 46-36-482-012 | 3511    |     | MILDRED ST      | FLINT | 48505 | HHF5 | 52    | HAZ      | Basement                                              | Lead Acid Battery                 | 1                      |
| 46 | 46-36-482-012 | 3511    |     | MILDRED ST      | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 3                                                | Ballast                           | 1                      |
| 46 | 46-36-482-012 | 3511    |     | MILDRED ST      | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 3                                                | Compact Fluorescent Light         | 1                      |
| 46 | 46-36-482-012 | 3511    |     | MILDRED ST      | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 3, Room 6                                        | Fluorescent Bulb                  | 4                      |
| 46 | 46-36-482-012 | 3511    |     | MILDRED ST      | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 5                                                | Smoke Detector                    | 1                      |

| No | PARCEL-NO     | Address | Dir | Street            | City  | Zip   | Fund | Group | Category | Location                                   | Material                              | Quantity              |
|----|---------------|---------|-----|-------------------|-------|-------|------|-------|----------|--------------------------------------------|---------------------------------------|-----------------------|
| 47 | 46-36-482-013 | 3510    |     | BUICK ST          | FLINT | 48505 | HHF5 | 52    | ACM      | 2nd Floor Hall, Room 5                     | Tan Floral 12x12 Floor Tile (Layer 1) | 90 SF                 |
| 47 | 46-36-482-013 | 3510    |     | BUICK ST          | FLINT | 48505 | HHF5 | 52    | ACM      | 2nd Floor Hall, Room 5                     | White Flooring (Layer 2)              | 90 SF                 |
| 47 | 46-36-482-013 | 3510    |     | BUICK ST          | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                                   | Basement Window Glaze                 | 50 SF<br>(5 Windows)  |
| 47 | 46-36-482-013 | 3510    |     | BUICK ST          | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                   | Window Glaze                          | 105 SF<br>(7 Windows) |
| 47 | 46-36-482-013 | 3510    |     | BUICK ST          | FLINT | 48505 | HHF5 | 52    | HAZ      | Basement                                   | 1-Gal. Paint                          | 5                     |
| 47 | 46-36-482-013 | 3510    |     | BUICK ST          | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 2                                     | Mercury Thermostat                    | 1                     |
| 47 | 46-36-482-013 | 3510    |     | BUICK ST          | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 2                                     | Smoke Detector                        | 1                     |
| 48 | 46-36-482-014 | 401     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                                   | Stack Cement                          | 5 SF                  |
| 48 | 46-36-482-014 | 401     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                   | Transite Siding                       | 2,200 SF              |
| 48 | 46-36-482-014 | 401     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                              | Vent Wrap                             | 140 SF                |
| 48 | 46-36-482-014 | 401     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52    | HAZ      | 2nd Floor Hall                             | 1-Gal. Joint Compound                 | 1                     |
| 48 | 46-36-482-014 | 401     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52    | HAZ      | Entry                                      | 5-Gal. Unknown                        | 1                     |
| 48 | 46-36-482-014 | 401     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 6, 2nd Floor Hall, Stairs to Basement | Smoke Detector                        | 3                     |
| 49 | 46-36-482-017 | 409     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                                   | Beige Filigree 12x12 Floor Tile       | 300 SF                |
| 49 | 46-36-482-017 | 409     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                              | Vent Wrap                             | 160 SF                |
| 49 | 46-36-482-017 | 409     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52    | ACM      | Room 3 (Layer 2)                           | Gold Medallion 12x12 Floor Tile       | 190 SF                |
| 49 | 46-36-482-017 | 409     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52    | ACM      | Room 4 (Layer 2)                           | Yellow Hexagon 12x12 Floor Tile       | 50 SF                 |
| 49 | 46-36-482-017 | 409     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52    | ACM      | Walls and Ceilings                         | Plaster/ Drywall                      | 3,810 SF              |
| 49 | 46-36-482-017 | 409     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52    | HAZ      | Basement, Exterior                         | Computer Monitor                      | 2                     |
| 49 | 46-36-482-017 | 409     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 4                                     | Ballast                               | 2                     |
| 49 | 46-36-482-017 | 409     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52    | HAZ      | Room 4                                     | Fluorescent Bulb                      | 2                     |
| 49 | 46-36-482-017 | 409     | E   | PASADENA AVE      | FLINT | 48505 | HHF5 | 52    | HAZ      | Stairs to Basement                         | Smoke Detector                        | 1                     |
| 50 | 46-36-482-023 | 410     | E   | GILLESPIE AVE *** | FLINT | 48505 | HHF5 | 52    | ACM      | Attic                                      | Vermiculite                           | 145 CF                |
| 50 | 46-36-482-023 | 410     | E   | GILLESPIE AVE *** | FLINT | 48505 | HHF5 | 52    | ACM      | Basement                                   | Black Stack Cement                    | 5 SF                  |
| 50 | 46-36-482-023 | 410     | E   | GILLESPIE AVE *** | FLINT | 48505 | HHF5 | 52    | ACM      | Exterior                                   | Basement Window Glaze                 | 10 SF<br>(1 Window)   |
| 50 | 46-36-482-023 | 410     | E   | GILLESPIE AVE *** | FLINT | 48505 | HHF5 | 52    | ACM      | House Ducting                              | Vent Wrap                             | 240 SF                |
| 50 | 46-36-482-023 | 410     | E   | GILLESPIE AVE *** | FLINT | 48505 | HHF5 | 52    | ACM      | Room 3                                     | Green 12x12 Floor Tile (Layer 1)      | 170 SF                |
| 50 | 46-36-482-023 | 410     | E   | GILLESPIE AVE *** | FLINT | 48505 | HHF5 | 52    | ACM      | Room 3                                     | Tan Floor Tile (Layer 3)              | 170 SF                |
| 50 | 46-36-482-023 | 410     | E   | GILLESPIE AVE *** | FLINT | 48505 | HHF5 | 52    | HAZ      | 2nd Hall, Room 1, Basement                 | Smoke Detector                        | 4                     |
| 50 | 46-36-482-023 | 410     | E   | GILLESPIE AVE *** | FLINT | 48505 | HHF5 | 52    | HAZ      | Exterior                                   | Tire                                  | 2                     |

| No | PARCEL-NO     | Address | Dir | Street         | City  | Zip   | Fund | Group | Category | Location                                                                    | Material                                                                                                                            | Quantity                               |
|----|---------------|---------|-----|----------------|-------|-------|------|-------|----------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 1  | 41-17-358-005 | 2005    |     | STANFORD AVE   | FLINT | 48503 | HHF4 | T-38  | ACM      | Dining Room                                                                 | Light Fixture Insulation                                                                                                            | 1 Square feet                          |
| 1  | 41-17-358-005 | 2005    |     | STANFORD AVE   | FLINT | 48503 | HHF4 | T-38  | ACM      | Register Boots Throughout                                                   | Duct Wrap (3 Boots/1 Run)                                                                                                           | 45 Square feet                         |
| 1  | 41-17-358-005 | 2005    |     | STANFORD AVE   | FLINT | 48503 | HHF4 | T-38  | ACM      | Bathroom                                                                    | 12" Gray Floor Tile/White Linoleum/Yellow and Brown Linoleum/Yellow Stone Linoleum/Tan Linoleum                                     | 420 Square feet (room size 84 Sq. ft.) |
| 1  | 41-17-358-005 | 2005    |     | STANFORD AVE   | FLINT | 48503 | HHF4 | T-38  | ACM      | Throughout Exterior                                                         | Exterior Caulk                                                                                                                      | 20 Square feet                         |
| 1  | 41-17-358-005 | 2005    |     | STANFORD AVE   | FLINT | 48503 | HHF4 | T-38  | ACM      | Front Porch                                                                 | 9" Orange Floor Tile                                                                                                                | 75 Square feet                         |
| 1  | 41-17-358-005 | 2005    |     | STANFORD AVE   | FLINT | 48503 | HHF4 | T-38  | ACM      | Basement                                                                    | Stack Cement on Chimney                                                                                                             | 2 Square feet                          |
| 1  | 41-17-358-005 | 2005    |     | STANFORD AVE   | FLINT | 48503 | HHF4 | T-38  | HAZ      | Above Garage                                                                | Mercury Light                                                                                                                       | 1                                      |
| 1  | 41-17-358-005 | 2005    |     | STANFORD AVE   | FLINT | 48503 | HHF4 | T-38  | HAZ      | Dining Room                                                                 | Television                                                                                                                          | 1                                      |
| 1  | 41-17-358-005 | 2005    |     | STANFORD AVE   | FLINT | 48503 | HHF4 | T-38  | HAZ      | Dining Room                                                                 | CFL                                                                                                                                 | 1                                      |
| 1  | 41-17-358-005 | 2005    |     | STANFORD AVE   | FLINT | 48503 | HHF4 | T-38  | HAZ      | 2nd Floor                                                                   | Smoke Detector                                                                                                                      | 1                                      |
| 1  | 41-17-358-005 | 2005    |     | STANFORD AVE   | FLINT | 48503 | HHF4 | T-38  | TIRES    | Backyard                                                                    | Tires                                                                                                                               | 12                                     |
| 1  | 41-17-358-005 | 2005    |     | STANFORD AVE   | FLINT | 48503 | HHF4 | T-38  | TIRES    | Backyard                                                                    | Bike Tire                                                                                                                           | 1                                      |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Basement                                                                    | Stack Cement                                                                                                                        | 1 Square feet                          |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Bathroom                                                                    | Ceramic Tile/Leveller/Tan Linoleum                                                                                                  | 40 Square feet                         |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Exterior Siding - House & Garage                                            | Brick and Mortar                                                                                                                    | 1800 Square feet                       |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Front Entry                                                                 | Gray Linoleum                                                                                                                       | 42 Square feet                         |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen, Basement Landing                                                   | 12" Black Floor Tile/Green Floor Tile/Green Linoleum/Black Floor Tile                                                               | 61 Square feet                         |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots Throughout                                                   | Duct Wrap (4 Boots)                                                                                                                 | 20 Square feet                         |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout                                                                  | Plaster on Backerboard                                                                                                              | 2816 Square feet                       |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement Room 1                                                             | Smoke Detector                                                                                                                      | 1                                      |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement Room 3                                                             | Computer Monitor                                                                                                                    | 1                                      |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement Room 3                                                             | Television                                                                                                                          | 1                                      |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement Room 4                                                             | Heating Oil Tank                                                                                                                    | 1 - 275 Gallon                         |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Hallway 1                                                                   | Smoke Detector                                                                                                                      | 1                                      |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Kitchen                                                                     | Fluorescent Light Bulb                                                                                                              | 1 - 4" Bulb                            |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Kitchen                                                                     | Smoke Detector                                                                                                                      | 1                                      |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                 | Fluorescent Light Bulb                                                                                                              | 1 - 2' Bulb                            |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                 | Mercury Thermostat                                                                                                                  | 1                                      |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | TIRES    | Garage                                                                      | Tires                                                                                                                               | 2                                      |
| 2  | 46-36-256-024 | 301     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                             | Yard is over grown.                                                                                                                 |                                        |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Basement - Chimney                                                          | Chimney Caulk                                                                                                                       | 2 Square feet                          |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                          | Duct Wrap (2" Tape - 1 Linear Foot)                                                                                                 | <1 Square feet                         |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Bedroom 1 - Ceiling                                                         | Swirl Stucco                                                                                                                        | 130 Square feet                        |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Bedroom 3                                                                   | Pipe Insulation (2" Pipe)                                                                                                           | 12 Linear feet                         |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Exterior Siding - Under Transite                                            | Asphalt Siding                                                                                                                      | 1841 Square feet                       |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Exterior Siding - Under Vinyl                                               | Transite Siding                                                                                                                     | 1841 Square feet                       |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Front Porch                                                                 | 9" Green and Tan Floor Tile                                                                                                         | 98 Square feet                         |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen 1, Nook 1, Kitchen 2                                                | 9" Blue and Tan Floor Tile                                                                                                          | 187 Square feet                        |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots Throughout                                                   | Duct Wrap (5 Boots)                                                                                                                 | 25 Square feet                         |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (transite seams, trim, window frames, door frames etc.) | Exterior Caulk                                                                                                                      | 16 Square feet                         |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                    | Heating Oil Tank                                                                                                                    | 1 - 275 Gallon                         |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                    | Paint                                                                                                                               | 7 - 1 Gallons                          |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Bedroom 2                                                                   | Television                                                                                                                          | 1                                      |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Hallway                                                                     | Smoke Detector                                                                                                                      | 1                                      |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Shed                                                                        | Fluorescent Light Ballast                                                                                                           | 1                                      |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Shed                                                                        | Fluorescent Light Bulbs                                                                                                             | 2 - 4' Bulbs                           |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | TIRES    | Basement                                                                    | Tire                                                                                                                                | 1                                      |
| 3  | 46-36-256-028 | 313     | E   | STEWART AVE    | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                             | *Exterior Caulk is located under vinyl siding, material could be located in additional locations or may have additional quantities. |                                        |
| 4  | 46-36-256-029 | 317     | E   | STEWART AVE ** | FLINT | 48505 | HHF5 | 53    | TIRES    | Front Porch                                                                 | Tire                                                                                                                                | 1                                      |
| 4  | 46-36-256-029 | 317     | E   | STEWART AVE ** | FLINT | 48505 | HHF5 | 53    | zED      |                                                                             | Exterior inspection only, water damage throughout, floors unsafe.                                                                   |                                        |
| 4  | 46-36-256-029 | 317     | E   | STEWART AVE ** | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                             | Exterior inspection only, water damage throughout, floors unsafe.                                                                   |                                        |

| No | PARCEL-NO     | Address | Dir | Street      | City  | Zip   | Fund | Group | Category | Location                                                                                        | Material                                                                                                            | Quantity                                |
|----|---------------|---------|-----|-------------|-------|-------|------|-------|----------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 5  | 46-36-257-009 | 138     | E   | STEWART AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work/Floor                                                                        | Duct Wrap (2" tape - 10 Linear ft.)                                                                                 | 2 Square feet                           |
| 5  | 46-36-257-009 | 138     | E   | STEWART AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Bathroom                                                                                        | 12" Grey Floor Tile/ Tan Floor Tile/Yellow Floor Tile/Orange Linoleum                                               | 168 Square feet (room size 42 Sq. ft.)  |
| 5  | 46-36-257-009 | 138     | E   | STEWART AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Exterior Siding - Under Vinyl                                                                   | Transite Siding                                                                                                     | 1062 Square feet                        |
| 5  | 46-36-257-009 | 138     | E   | STEWART AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Hallway                                                                                         | 12" Brown Floor Tile/ Tan Floor Tile                                                                                | 36 Square feet (room size 18 Sq. ft.)   |
| 5  | 46-36-257-009 | 138     | E   | STEWART AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boot Throughout                                                                        | Duct Wrap (4 Boots)                                                                                                 | 20 Square feet                          |
| 5  | 46-36-257-009 | 138     | E   | STEWART AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (transite seams, trim, window frames, door frames etc.)                     | Exterior Caulk                                                                                                      | 12 Square feet                          |
| 5  | 46-36-257-009 | 138     | E   | STEWART AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                                        | CFL                                                                                                                 | 1                                       |
| 5  | 46-36-257-009 | 138     | E   | STEWART AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Bathroom                                                                                        | CFL                                                                                                                 | 1                                       |
| 5  | 46-36-257-009 | 138     | E   | STEWART AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Bedroom 1                                                                                       | CFL                                                                                                                 | 1                                       |
| 5  | 46-36-257-009 | 138     | E   | STEWART AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Front Porch                                                                                     | CFL                                                                                                                 | 1                                       |
| 5  | 46-36-257-009 | 138     | E   | STEWART AVE | FLINT | 48505 | HHF5 | 53    | TIRES    | Front Yard                                                                                      | Tire                                                                                                                | 1                                       |
| 5  | 46-36-257-009 | 138     | E   | STEWART AVE | FLINT | 48505 | HHF5 | 53    | TIRES    | Kitchen                                                                                         | Tire                                                                                                                | 1                                       |
| 6  | 46-36-401-014 | 151     | E   | MOORE ST ** | FLINT | 48505 | HHF5 | 53    | ACM      | Windows Throughout                                                                              | Window Glazing (24 Windows)                                                                                         | 12 Square feet                          |
| 6  | 46-36-401-014 | 151     | E   | MOORE ST ** | FLINT | 48505 | HHF5 | 53    | TIRES    | Garage                                                                                          | Tires                                                                                                               | 17                                      |
| 6  | 46-36-401-014 | 151     | E   | MOORE ST ** | FLINT | 48505 | HHF5 | 53    | zED      |                                                                                                 | Fire and water damage throughout - unsafe limited exterior inspection only.                                         |                                         |
| 6  | 46-36-401-014 | 151     | E   | MOORE ST ** | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                                                 | Fire and water damage throughout - unsafe limited exterior inspection only.                                         |                                         |
| 7  | 46-36-401-016 | 155     | E   | MOORE ST ** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (asphalt seams, trim, window frames, door frames etc.)                      | Exterior Caulk                                                                                                      | *16 Square feet                         |
| 7  | 46-36-401-016 | 155     | E   | MOORE ST ** | FLINT | 48505 | HHF5 | 53    | ACM      | Windows Throughout                                                                              | Window Glazing ( 19 Windows)                                                                                        | 10 Square feet                          |
| 7  | 46-36-401-016 | 155     | E   | MOORE ST ** | FLINT | 48505 | HHF5 | 53    | TIRES    | Garage                                                                                          | Tires                                                                                                               | 2                                       |
| 7  | 46-36-401-016 | 155     | E   | MOORE ST ** | FLINT | 48505 | HHF5 | 53    | zED      |                                                                                                 | Limited inspection, house collapsing - unsafe.                                                                      |                                         |
| 7  | 46-36-401-016 | 155     | E   | MOORE ST ** | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                                                 | Limited inspection, house collapsing - unsafe.                                                                      |                                         |
| 8  | 46-36-401-017 | 159     | E   | MOORE ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Bathroom 2                                                                                      | White Linoleum/Stone Pattern Floor Tile                                                                             | 120 Square feet (room size 60 Sq. ft.)  |
| 8  | 46-36-401-017 | 159     | E   | MOORE ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen                                                                                         | 12" Wood Pattern Floor Tile/Tan Linoleum/Stone Pattern Floor Tile                                                   | 693 Square feet (room size 231 Sq. ft.) |
| 8  | 46-36-401-017 | 159     | E   | MOORE ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Living Room Entry to Kitchen/Kitchen Ceiling/Side Entry Ceiling/Bathroom 1 Ceiling              | Stucco                                                                                                              | 292 Square feet                         |
| 8  | 46-36-401-017 | 159     | E   | MOORE ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Side Entry                                                                                      | White Linoleum/Brown Linoleum/Stone Pattern Floor Tile                                                              | 27 Square feet (room size 9 Sq. ft.)    |
| 8  | 46-36-401-017 | 159     | E   | MOORE ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout                                                                                      | Joint Compound                                                                                                      | 497 Square feet                         |
| 8  | 46-36-401-017 | 159     | E   | MOORE ST    | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                                     | Mercury Thermostat                                                                                                  | 1                                       |
| 8  | 46-36-401-017 | 159     | E   | MOORE ST    | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                                                 | Joint Compound is ACM. Composite of drywall and joint compound is less than 1% ACM. Shed hidden by overgrown weeds. |                                         |
| 9  | 46-36-402-006 | 301     | E   | MOORE ST ** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior - Brick seams, trim, window frames, door frames, etc.                       | Exterior Caulk (White)                                                                                              | 15 Square feet                          |
| 9  | 46-36-402-006 | 301     | E   | MOORE ST ** | FLINT | 48505 | HHF5 | 53    | ACM      | Under Brick Siding (asphalt seams, trim, window frames, door frames etc.- may be on nail holes) | Black Exterior Caulk                                                                                                | *15 Square feet                         |
| 9  | 46-36-402-006 | 301     | E   | MOORE ST ** | FLINT | 48505 | HHF5 | 53    | TIRES    | Front Yard                                                                                      | Tires                                                                                                               | 2                                       |
| 9  | 46-36-402-006 | 301     | E   | MOORE ST ** | FLINT | 48505 | HHF5 | 53    | TIRES    | Left Side of House                                                                              | Tire                                                                                                                | 1                                       |
| 9  | 46-36-402-006 | 301     | E   | MOORE ST ** | FLINT | 48505 | HHF5 | 53    | zED      |                                                                                                 | Limited inspection, collapsed roof, unsafe floors, no entry.                                                        |                                         |
| 9  | 46-36-402-006 | 301     | E   | MOORE ST ** | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                                                 | Limited inspection, collapsed roof, unsafe floors, no entry.                                                        |                                         |



| No | PARCEL-NO     | Address | Dir | Street       | City  | Zip   | Fund | Group | Category | Location                                                                    | Material                                                                                                               | Quantity                              |
|----|---------------|---------|-----|--------------|-------|-------|------|-------|----------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| 10 | 46-36-402-007 | 305     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Basement - Chimney                                                          | Stack Cement                                                                                                           | 3 Square feet                         |
| 10 | 46-36-402-007 | 305     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                          | Duct Wrap (2" Tape - 4 Linear Feet)                                                                                    | 1 Square feet                         |
| 10 | 46-36-402-007 | 305     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Windows                                                            | Window Glazing (9 Windows)                                                                                             | 5 Square feet                         |
| 10 | 46-36-402-007 | 305     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Bathroom                                                                    | 12" Blue Floor Tile/White Linoleum/Multicolor Floor Tile                                                               | 90 Square feet (area size 30 sq. ft.) |
| 10 | 46-36-402-007 | 305     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Dining Room, Living Room, Bedroom 1, Kitchen (Walls and Ceilings)           | Stucco                                                                                                                 | 1868 Square feet                      |
| 10 | 46-36-402-007 | 305     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots Throughout                                                   | Duct Wrap (4 Boots)                                                                                                    | 20 Square feet                        |
| 10 | 46-36-402-007 | 305     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout                                                                  | Joint Compound                                                                                                         | 54 Square feet                        |
| 10 | 46-36-402-007 | 305     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout (512 Cubic feet)                                                 | Vermiculite Insulation                                                                                                 | 1535 Square feet                      |
| 10 | 46-36-402-007 | 305     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior                                                         | Grey Caulking                                                                                                          | 1 Square feet                         |
| 10 | 46-36-402-007 | 305     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (window frames, door frames, trim etc.)                 | Exterior Caulk                                                                                                         | 14 Square feet                        |
| 10 | 46-36-402-007 | 305     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                    | Paint                                                                                                                  | 2 - 1 Gallons                         |
| 10 | 46-36-402-007 | 305     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Bedroom 1                                                                   | CFL                                                                                                                    | 1                                     |
| 10 | 46-36-402-007 | 305     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | TIRES    | Basement                                                                    | Tires                                                                                                                  | 4                                     |
| 10 | 46-36-402-007 | 305     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | TIRES    | Living Room                                                                 | Tire                                                                                                                   | 1                                     |
| 10 | 46-36-402-007 | 305     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                             | Vermiculite insulation throughout. Joint Compound is ACM. Composite of drywall and joint compound is less than 1% ACM. |                                       |
| 11 | 46-36-402-009 | 313     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                          | Duct Wrap                                                                                                              | 25 Square feet                        |
| 11 | 46-36-402-009 | 313     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work and Floor                                                | Duct Wrap (2" Tape - 13 Linear Feet)                                                                                   | 2 Square feet                         |
| 11 | 46-36-402-009 | 313     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots/Runs Throughout                                              | Duct Wrap (3 Runs)                                                                                                     | 90 Square feet                        |
| 11 | 46-36-402-009 | 313     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout (833 Cubic feet)                                                 | Vermiculite Insulation                                                                                                 | 2502 Square feet                      |
| 11 | 46-36-402-009 | 313     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement Stairs                                                             | Smoke Detector                                                                                                         | 1                                     |
| 11 | 46-36-402-009 | 313     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | First Floor Hallway                                                         | Smoke Detector                                                                                                         | 1                                     |
| 11 | 46-36-402-009 | 313     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Second Floor Hallway                                                        | Smoke Detector                                                                                                         | 1                                     |
| 11 | 46-36-402-009 | 313     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | TIRES    | Front Porch                                                                 | Tires                                                                                                                  | 2                                     |
| 11 | 46-36-402-009 | 313     | E   | MOORE ST *** | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                             | Vermiculite insulation throughout.                                                                                     |                                       |
| 12 | 46-36-403-013 | 134     | E   | MOORE ST **  | FLINT | 48505 | HHF5 | 53    | ACM      | Exterior Siding                                                             | Transite Siding                                                                                                        | 836 Square feet                       |
| 12 | 46-36-403-013 | 134     | E   | MOORE ST **  | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (transite seams, trim, window frames, door frames etc.) | Exterior Caulk                                                                                                         | 13 Square feet                        |
| 12 | 46-36-403-013 | 134     | E   | MOORE ST **  | FLINT | 48505 | HHF5 | 53    | TIRES    | Right Side of House                                                         | Tires                                                                                                                  | 4                                     |
| 12 | 46-36-403-013 | 134     | E   | MOORE ST **  | FLINT | 48505 | HHF5 | 53    | zED      |                                                                             | Limited inspection. Water damage and soft floors throughout house. Right side foundation is unsafe.                    |                                       |
| 12 | 46-36-403-013 | 134     | E   | MOORE ST **  | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                             | Limited inspection. Water damage and soft floors throughout house. Right side foundation is unsafe.                    |                                       |
| 13 | 46-36-404-007 | 226     | E   | MOORE ST **  | FLINT | 48505 | HHF5 | 53    | ACM      | Windows Throughout                                                          | Window Glazing (14 Windows)                                                                                            | 7 Square feet                         |
| 13 | 46-36-404-007 | 226     | E   | MOORE ST **  | FLINT | 48505 | HHF5 | 53    | HAZ      | Front Porch                                                                 | CFL                                                                                                                    | 1                                     |
| 13 | 46-36-404-007 | 226     | E   | MOORE ST **  | FLINT | 48505 | HHF5 | 53    | TIRES    | Back Yard                                                                   | Tires                                                                                                                  | 6                                     |
| 13 | 46-36-404-007 | 226     | E   | MOORE ST **  | FLINT | 48505 | HHF5 | 53    | TIRES    | Front Porch                                                                 | Tires                                                                                                                  | 5                                     |
| 13 | 46-36-404-007 | 226     | E   | MOORE ST **  | FLINT | 48505 | HHF5 | 53    | zED      |                                                                             | Limited Inspection. Floors are wet and unsafe. Roof/ceilings caving in.                                                |                                       |
| 13 | 46-36-404-007 | 226     | E   | MOORE ST **  | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                             | Limited Inspection. Floors are wet and unsafe. Roof/ceilings caving in.                                                |                                       |
| 14 | 46-36-404-015 | 201     |     | EDWIN AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Basement                                                                    | 9" Black and Tan Floor Tile                                                                                            | 330 Square feet                       |
| 14 | 46-36-404-015 | 201     |     | EDWIN AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots Throughout                                                   | Duct Wrap (3 Boots)                                                                                                    | 15 Square feet                        |
| 14 | 46-36-404-015 | 201     |     | EDWIN AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (window frames, door frames, trim etc.)                 | Exterior Caulk                                                                                                         | 12 Square feet                        |
| 14 | 46-36-404-015 | 201     |     | EDWIN AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Windows Throughout                                                          | Window Glazing (14 Windows)                                                                                            | 7 Square feet                         |
| 14 | 46-36-404-015 | 201     |     | EDWIN AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Hallway                                                                     | Smoke Detector                                                                                                         | 1                                     |
| 14 | 46-36-404-015 | 201     |     | EDWIN AVE    | FLINT | 48505 | HHF5 | 53    | TIRES    | Left Side of House                                                          | Tire                                                                                                                   | 1                                     |
| 15 | 46-36-404-016 | 205     |     | EDWIN AVE *  | FLINT | 48505 | HHF5 | 53    | zED      |                                                                             | Limited Inspection. Right side of foundation caving in - unsafe.                                                       |                                       |
| 15 | 46-36-404-016 | 205     |     | EDWIN AVE *  | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                             | Limited Inspection. Right side of foundation caving in - unsafe.                                                       |                                       |

| No | PARCEL-NO     | Address | Dir | Street        | City  | Zip   | Fund | Group | Category | Location                                                                     | Material                                                                                                                                                                        | Quantity                                |
|----|---------------|---------|-----|---------------|-------|-------|------|-------|----------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 16 | 46-36-404-032 | 213     |     | EDWIN AVE **  | FLINT | 48505 | HHF5 | 53    | ACM      | Exterior Siding                                                              | Transite Siding                                                                                                                                                                 | 1794 Square feet                        |
| 16 | 46-36-404-032 | 213     |     | EDWIN AVE **  | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (transite seams, trim, window frames, door frames, etc.) | Exterior Caulk                                                                                                                                                                  | 15 Square feet                          |
| 16 | 46-36-404-032 | 213     |     | EDWIN AVE **  | FLINT | 48505 | HHF5 | 53    | HAZ      | Left Side of House                                                           | Television                                                                                                                                                                      | 1                                       |
| 16 | 46-36-404-032 | 213     |     | EDWIN AVE **  | FLINT | 48505 | HHF5 | 53    | TIRES    | Back Middle of House                                                         | Tire                                                                                                                                                                            | 1                                       |
| 16 | 46-36-404-032 | 213     |     | EDWIN AVE **  | FLINT | 48505 | HHF5 | 53    | TIRES    | Front Porch                                                                  | Tires                                                                                                                                                                           | 4                                       |
| 16 | 46-36-404-032 | 213     |     | EDWIN AVE **  | FLINT | 48505 | HHF5 | 53    | TIRES    | Right Side of House                                                          | Tires                                                                                                                                                                           | 2                                       |
| 16 | 46-36-404-032 | 213     |     | EDWIN AVE **  | FLINT | 48505 | HHF5 | 53    | zED      |                                                                              | Limited Inspection. Fire and water damage throughout house.                                                                                                                     |                                         |
| 16 | 46-36-404-032 | 213     |     | EDWIN AVE **  | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                              | Limited Inspection. Fire and water damage throughout house.                                                                                                                     |                                         |
| 17 | 46-36-406-009 | 136     |     | EDWIN AVE *** | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots Throughout                                                    | Duct Wrap (5 Boots)                                                                                                                                                             | 25 Square feet                          |
| 17 | 46-36-406-009 | 136     |     | EDWIN AVE *** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout                                                                   | Plaster (on Lath)                                                                                                                                                               | 3344 Square feet                        |
| 17 | 46-36-406-009 | 136     |     | EDWIN AVE *** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (window frames, door frames, trim etc.)                  | Exterior Caulk                                                                                                                                                                  | 13 Square feet                          |
| 17 | 46-36-406-009 | 136     |     | EDWIN AVE *** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout House (279 Cubic feet)                                            | Vermiculite Insulation                                                                                                                                                          | 836 Square feet                         |
| 17 | 46-36-406-009 | 136     |     | EDWIN AVE *** | FLINT | 48505 | HHF5 | 53    | TIRES    | Back Left Side of House                                                      | Tire                                                                                                                                                                            | 1                                       |
| 17 | 46-36-406-009 | 136     |     | EDWIN AVE *** | FLINT | 48505 | HHF5 | 53    | TIRES    | Hallway                                                                      | Tire                                                                                                                                                                            | 1                                       |
| 17 | 46-36-406-009 | 136     |     | EDWIN AVE *** | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                              | Vermiculite insulation throughout. Stairs to basement and side entry are blocked by debris - no inspection completed.                                                           |                                         |
| 18 | 46-36-407-005 | 222     |     | EDWIN AVE     | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                           | Duct Wrap                                                                                                                                                                       | 11 Square feet                          |
| 18 | 46-36-407-005 | 222     |     | EDWIN AVE     | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                           | Duct Wrap (11 Linear feet)                                                                                                                                                      | 2 Square feet                           |
| 18 | 46-36-407-005 | 222     |     | EDWIN AVE     | FLINT | 48505 | HHF5 | 53    | ACM      | Exterior Siding - Portions Under Vinyl                                       | Transite Siding                                                                                                                                                                 | 1276 Square feet                        |
| 18 | 46-36-407-005 | 222     |     | EDWIN AVE     | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen                                                                      | 12" Tan Floor Tile/Grey Floor Tile/Tan Floor Tile/Brown Floor Tile/Beige Floor Tile                                                                                             | 845 Square feet (room size 169 Sq. ft.) |
| 18 | 46-36-407-005 | 222     |     | EDWIN AVE     | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen, Living Room, 2nd Floor Hallway, Bedroom 2 (walls and ceilings)      | Stucco                                                                                                                                                                          | 3120 Square feet                        |
| 18 | 46-36-407-005 | 222     |     | EDWIN AVE     | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots/ Runs Throughout                                              | Duct Wrap (3 Boots/2 Runs)                                                                                                                                                      | 75 Square feet                          |
| 18 | 46-36-407-005 | 222     |     | EDWIN AVE     | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout                                                                   | Plaster on Lath                                                                                                                                                                 | 3640 Square feet                        |
| 18 | 46-36-407-005 | 222     |     | EDWIN AVE     | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (transite seams, trim, window frames, door frames, etc.) | Exterior Caulk                                                                                                                                                                  | 16 Square feet                          |
| 18 | 46-36-407-005 | 222     |     | EDWIN AVE     | FLINT | 48505 | HHF5 | 53    | ACM      | Windows Throughout                                                           | Window Glazing (19 Windows)                                                                                                                                                     | 10 Square feet                          |
| 18 | 46-36-407-005 | 222     |     | EDWIN AVE     | FLINT | 48505 | HHF5 | 53    | HAZ      | Second Floor Hallway                                                         | Smoke Detector                                                                                                                                                                  | 1                                       |
| 19 | 46-36-407-013 | 318     |     | EDWIN AVE **  | FLINT | 48505 | HHF5 | 53    | ACM      | Debris Pile - Back Yard                                                      | Flooring Debris Pile                                                                                                                                                            | *1,224 Square feet                      |
| 19 | 46-36-407-013 | 318     |     | EDWIN AVE **  | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior - (window frames, door frames, trim etc.)                | Exterior Caulk                                                                                                                                                                  | 11 Square feet                          |
| 19 | 46-36-407-013 | 318     |     | EDWIN AVE **  | FLINT | 48505 | HHF5 | 53    | zED      |                                                                              | Limited inspection completed (exterior only). Floors unsafe due to water damage from holes in roof. Entire back yard covered with garbage/debris (approximately 36' x 34' x 3') |                                         |
| 19 | 46-36-407-013 | 318     |     | EDWIN AVE **  | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                              | Limited inspection completed (exterior only). Floors unsafe due to water damage from holes in roof. Entire back yard covered with garbage/debris (approximately 36' x 34' x 3') |                                         |

| No | PARCEL-NO     | Address | Dir | Street   | City  | Zip   | Fund | Group | Category | Location                                                                 | Material                                                          | Quantity                                |
|----|---------------|---------|-----|----------|-------|-------|------|-------|----------|--------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------|
| 20 | 46-36-407-019 | 217     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Windows                                                         | Window Glazing (6 Windows)                                        | 3 Square feet                           |
| 20 | 46-36-407-019 | 217     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | ACM      | Chimney                                                                  | Chimney Caulk                                                     | 2 Square feet                           |
| 20 | 46-36-407-019 | 217     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen                                                                  | Tan Floor Tile/Beige Floor Tile/Brown Floor Tile                  | 342 Square feet (room size 114 Sq. ft.) |
| 20 | 46-36-407-019 | 217     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | ACM      | Steps to Kitchen, Basement Landing                                       | Tan Floor Tile/Brown Floor Tile                                   | 30 Square feet (room size 15 Sq. ft.)   |
| 20 | 46-36-407-019 | 217     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (window frames, door frames, trim, brick seams etc.) | Exterior Caulk                                                    | 12 Square feet                          |
| 20 | 46-36-407-019 | 217     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | HAZ      | Kitchen                                                                  | Smoke Detector                                                    | 1                                       |
| 20 | 46-36-407-019 | 217     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | TIRES    | Basement                                                                 | Tires                                                             | 19                                      |
| 20 | 46-36-407-019 | 217     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | TIRES    | Basement Landing                                                         | Tire                                                              | 1                                       |
| 20 | 46-36-407-019 | 217     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | TIRES    | Bedroom 2                                                                | Tires                                                             | 2                                       |
| 20 | 46-36-407-019 | 217     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | TIRES    | Dining Room                                                              | Tires                                                             | 2                                       |
| 20 | 46-36-407-019 | 217     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | TIRES    | Left Side of House                                                       | Tire                                                              | 1                                       |
| 20 | 46-36-407-019 | 217     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | TIRES    | Living Room                                                              | Tire                                                              | 1                                       |
| 20 | 46-36-407-019 | 217     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | TIRES    | Right Side of House                                                      | Tires                                                             | 7                                       |
|    |               |         |     |          |       |       |      |       |          |                                                                          |                                                                   |                                         |
| 21 | 46-36-408-007 | 124     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | ACM      | Back Entry                                                               | Green Linoleum/Yellow Linoleum/Black Paper/Blue Paper             | 36 Square feet (room size 9 Sq. ft.)    |
| 21 | 46-36-408-007 | 124     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | ACM      | Basement                                                                 | Duct Wrap (3" Tape - 11 Linear ft.)                               | 3 Square feet                           |
| 21 | 46-36-408-007 | 124     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | ACM      | Bathroom                                                                 | Tan Linoleum/White Linoleum/Black Mastic                          | 108 Square feet (room size 54 Sq. ft.)  |
| 21 | 46-36-408-007 | 124     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | ACM      | House Roof                                                               | Roofing Material (3 layers)                                       | 1822 Square feet                        |
| 21 | 46-36-408-007 | 124     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen                                                                  | Green Linoleum/White Linoleum/Black Mastic/Stone Pattern Linoleum | 240 Square feet (room size 80 Sq. ft.)  |
| 21 | 46-36-408-007 | 124     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots Throughout                                                | Duct Wrap (4 Boots)                                               | 20 Square feet                          |
| 21 | 46-36-408-007 | 124     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | ACM      | Stairs to Kitchen                                                        | Green Linoleum/White Linoleum                                     | 12 Square feet (room size 6 Sq. ft.)    |
| 21 | 46-36-408-007 | 124     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (window frames, door frames, trim, etc.)             | Exterior Caulk                                                    | 12 Square feet                          |
| 21 | 46-36-408-007 | 124     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | ACM      | Windows Throughout                                                       | Window Glazing (18 Windows)                                       | 9 Square feet                           |
| 21 | 46-36-408-007 | 124     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                 | Smoke Detector                                                    | 1                                       |
| 21 | 46-36-408-007 | 124     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                 | Television                                                        | 1                                       |
| 21 | 46-36-408-007 | 124     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | HAZ      | Hallway                                                                  | Smoke Detector                                                    | 1                                       |
| 21 | 46-36-408-007 | 124     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | TIRES    | Back Entry                                                               | Tire                                                              | 1                                       |
| 21 | 46-36-408-007 | 124     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | TIRES    | Back of House                                                            | Bike Tire                                                         | 1                                       |
| 21 | 46-36-408-007 | 124     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | TIRES    | Back of House                                                            | Tires                                                             | 3                                       |
| 21 | 46-36-408-007 | 124     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | TIRES    | Basement                                                                 | Tires                                                             | 9                                       |
| 21 | 46-36-408-007 | 124     |     | DAMON ST | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                          | Roofing material is ACM throughout.                               |                                         |
|    |               |         |     |          |       |       |      |       |          |                                                                          |                                                                   |                                         |

| No | PARCEL-NO     | Address | Dir | Street       | City  | Zip   | Fund | Group | Category | Location                                                                                                                               | Material                                                                                               | Quantity                                |
|----|---------------|---------|-----|--------------|-------|-------|------|-------|----------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Bathroom                                                                                                                               | 12" White Floor Tile/Beige Floor Tile/Black Floor Tile                                                 | 126 Square feet (room size 42 Sq. ft.)  |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Bedroom 2                                                                                                                              | Red and Black Checkered Floor Tile/Black Floor Tile                                                    | 200 Square feet (room size 100 Sq. ft.) |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Hallway                                                                                                                                | Tan Floor Tile                                                                                         | 27 Square feet                          |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen                                                                                                                                | Grey Floor Tile/Black Paper                                                                            | 93 Square feet                          |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Side Entry                                                                                                                             | Drywall and Joint Compound (Composite)                                                                 | 480 Square feet                         |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Side Entry                                                                                                                             | Joint Compound                                                                                         | 54 Square feet                          |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Stairs to Kitchen                                                                                                                      | Grey Floor Tile/Black Mastic                                                                           | 9 Square feet                           |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout                                                                                                                             | Plaster (Lath)                                                                                         | 5520 Square feet                        |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout (ceiling has fallen throughout due to fire damage - mixed with debris on floors throughout, some in attic) - 690 Cubic feet | Vermiculite Insulation                                                                                 | 1380 Square feet                        |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior - Under Vinyl Siding (window frames, door frames, trim, etc.)                                                      | Exterior Caulk                                                                                         | 18 Square feet                          |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Windows Throughout                                                                                                                     | Window Glazing (10 Windows)                                                                            | 5 Square feet                           |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Back Left of House                                                                                                                     | Fluorescent Light Bulbs                                                                                | 3 - 4' Bulbs                            |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                                                                               | Asbestos Roofing Cement                                                                                | 1 Gallon                                |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                                                                               | Glazing Compound                                                                                       | 1-10 Ounce                              |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                                                                               | Patching Compound                                                                                      | 1-10 Ounce                              |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                                                                               | Plastic Lead                                                                                           | 1-10 Ounce                              |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Garage                                                                                                                                 | Battery Fluid                                                                                          | 1 Gallon                                |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Garage                                                                                                                                 | Motor Oil                                                                                              | 1-1 Quart                               |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Garage                                                                                                                                 | Paint                                                                                                  | 10-1 Gallons                            |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Garage                                                                                                                                 | Paint                                                                                                  | 2-1 Quarts                              |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Kitchen                                                                                                                                | Fluorescent Light Bulb                                                                                 | 1                                       |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | TIRES    | Front of House                                                                                                                         | Tire                                                                                                   | 1                                       |
| 22 | 46-36-408-010 | 140     |     | DAMON ST *** | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                                                                                        | Vermiculite insulation throughout. Drywall and joint compound composite is ACM. House has fire damage. |                                         |
| 23 | 46-36-408-020 | 135     | E   | MYRTLE AVE   | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Chimney                                                                                                                       | Grey on Black Chimney Caulk                                                                            | 2 Square feet                           |
| 23 | 46-36-408-020 | 135     | E   | MYRTLE AVE   | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Chimney                                                                                                                       | Grey on Green Chimney Caulk                                                                            | 2 Square feet                           |
| 23 | 46-36-408-020 | 135     | E   | MYRTLE AVE   | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                                                                                     | Duct Wrap (2" tape - 11 Linear ft.)                                                                    | 2 Square feet                           |
| 23 | 46-36-408-020 | 135     | E   | MYRTLE AVE   | FLINT | 48505 | HHF5 | 53    | ACM      | Bathroom                                                                                                                               | Black Linoleum/Brown Linoleum/Grey Linoleum                                                            | 144 Square feet (room size 48 Sq. ft.)  |
| 23 | 46-36-408-020 | 135     | E   | MYRTLE AVE   | FLINT | 48505 | HHF5 | 53    | ACM      | Bedroom 2 (Ceiling)                                                                                                                    | Swirl Stucco                                                                                           | 99 Square feet                          |
| 23 | 46-36-408-020 | 135     | E   | MYRTLE AVE   | FLINT | 48505 | HHF5 | 53    | ACM      | Exterior Siding                                                                                                                        | Transite Siding                                                                                        | 1220 Square feet                        |
| 23 | 46-36-408-020 | 135     | E   | MYRTLE AVE   | FLINT | 48505 | HHF5 | 53    | ACM      | Hallway (Walls)                                                                                                                        | Stucco                                                                                                 | 144 Square feet                         |
| 23 | 46-36-408-020 | 135     | E   | MYRTLE AVE   | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots Throughout                                                                                                              | Duct Wrap (3 Boots)                                                                                    | 17 Square feet                          |
| 23 | 46-36-408-020 | 135     | E   | MYRTLE AVE   | FLINT | 48505 | HHF5 | 53    | ACM      | Stairs to Kitchen, Back Entry, Basement Stairs                                                                                         | 12" White Floor Tile                                                                                   | 42 Square feet                          |
| 23 | 46-36-408-020 | 135     | E   | MYRTLE AVE   | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout                                                                                                                             | Plaster on Backerboard                                                                                 | 1434 Square feet                        |
| 23 | 46-36-408-020 | 135     | E   | MYRTLE AVE   | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout                                                                                                                             | Plaster on Lath                                                                                        | 1434 Square feet                        |
| 23 | 46-36-408-020 | 135     | E   | MYRTLE AVE   | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                                                                               | Smoke Detector                                                                                         | 1                                       |
| 23 | 46-36-408-020 | 135     | E   | MYRTLE AVE   | FLINT | 48505 | HHF5 | 53    | HAZ      | Bedroom 1                                                                                                                              | Smoke Detector                                                                                         | 1                                       |
| 23 | 46-36-408-020 | 135     | E   | MYRTLE AVE   | FLINT | 48505 | HHF5 | 53    | HAZ      | Bedroom 2                                                                                                                              | Smoke Detector                                                                                         | 1                                       |
| 23 | 46-36-408-020 | 135     | E   | MYRTLE AVE   | FLINT | 48505 | HHF5 | 53    | HAZ      | Dining Room                                                                                                                            | Smoke Detector                                                                                         | 1                                       |
| 23 | 46-36-408-020 | 135     | E   | MYRTLE AVE   | FLINT | 48505 | HHF5 | 53    | TIRES    | Front Porch                                                                                                                            | Tire                                                                                                   | 1                                       |

| No | PARCEL-NO     | Address | Dir | Street     | City  | Zip   | Fund | Group | Category | Location                                                                     | Material                                                                          | Quantity                                |
|----|---------------|---------|-----|------------|-------|-------|------|-------|----------|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------|
| 24 | 46-36-408-022 | 143     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                           | Duct Wrap (2" Tape - 9 Linear feet)                                               | 2 Square feet                           |
| 24 | 46-36-408-022 | 143     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Exterior Siding Throughout                                                   | Transite Siding                                                                   | 1650 Square feet                        |
| 24 | 46-36-408-022 | 143     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Garage Roof, House Roof                                                      | Roofing Material (Tar) - 3 Layers                                                 | 5884 Square feet                        |
| 24 | 46-36-408-022 | 143     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout                                                                   | Plaster                                                                           | 2972 Square feet                        |
| 24 | 46-36-408-022 | 143     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (transite seams, trim, window frames, door frames etc.)  | Exterior Caulk                                                                    | 20 Square feet                          |
| 24 | 46-36-408-022 | 143     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Windows Throughout                                                           | Window Glazing (37 Windows)                                                       | 19 Square feet                          |
| 24 | 46-36-408-022 | 143     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Garage                                                                       | Driveway Sealer                                                                   | 1 - 5 Gallon                            |
| 24 | 46-36-408-022 | 143     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Garage                                                                       | Paint                                                                             | 1 - 5 Gallon                            |
| 24 | 46-36-408-022 | 143     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Kitchen                                                                      | Fluorescent Light Bulb                                                            | 1 - 1' Bulb                             |
| 24 | 46-36-408-022 | 143     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Kitchen                                                                      | Fluorescent Light Bulbs                                                           | 2 - Circle                              |
| 24 | 46-36-408-022 | 143     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Left Side of Garage                                                          | Television                                                                        | 1                                       |
| 24 | 46-36-408-022 | 143     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Nook                                                                         | Fluorescent Light Bulb                                                            | 1 - 2' Bulb                             |
| 24 | 46-36-408-022 | 143     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | TIRES    | Front of Garage                                                              | Tire                                                                              | 1                                       |
| 24 | 46-36-408-022 | 143     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | TIRES    | Garage                                                                       | Tires                                                                             | 1                                       |
| 24 | 46-36-408-022 | 143     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | TIRES    | Left Side of Garage                                                          | Tires                                                                             | 2                                       |
| 24 | 46-36-408-022 | 143     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | TIRES    | Living Room                                                                  | Tires                                                                             | 3                                       |
| 24 | 46-36-408-022 | 143     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                              | Roofing tar is ACM throughout. Significant amount of debris throughout back yard. |                                         |
| 25 | 46-36-409-015 | 201     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots Throughout                                                    | Duct Wrap (6 boots)                                                               | 30 Square feet                          |
| 25 | 46-36-409-015 | 201     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (window frames, door frames, trim (under vinyl) etc.)    | Exterior Caulking                                                                 | 14 Square feet                          |
| 25 | 46-36-409-015 | 201     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Windows Throughout                                                           | Window Glazing (17 Windows)                                                       | 9 Square feet                           |
| 25 | 46-36-409-015 | 201     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement Room 1                                                              | Heating Oil Tank                                                                  | 1                                       |
| 25 | 46-36-409-015 | 201     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement Room 5                                                              | Smoke Detector                                                                    | 1                                       |
| 25 | 46-36-409-015 | 201     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Bedroom 1                                                                    | Smoke Detector                                                                    | 1                                       |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Back Entry                                                                   | White Swirl Stucco with Bumps                                                     | 128 Square feet                         |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Basement - Chimney                                                           | Grey Chimney Caulk/Black Chimney Caulk                                            | 2 Square feet                           |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                           | Duct Wrap                                                                         | 4 Square feet                           |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                           | Duct Wrap (2" Tape - 62 Linear feet)                                              | 10 Square feet                          |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                           | Duct Wrap (3" Tape - 14 Linear feet)                                              | 4 Square feet                           |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Bedroom 1                                                                    | Red Floor Tile/Black Mastic                                                       | 114 Square feet                         |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Exterior Siding                                                              | Transite Siding                                                                   | 2063 Square feet                        |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen 2 Closet                                                             | 12" White Floor Tile/Red Linoleum                                                 | 52 Square feet (area size 26 sq. ft.)   |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen 2 Counter                                                            | 9" White Floor Tile                                                               | 9 Square feet                           |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen 2 Floor                                                              | 12" White Floor Tile/Tan 12" Linoleum/Yellow Linoleum/Black Paper                 | 360 square feet (area size 120 sq. ft.) |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots/Runs Throughout                                               | Duct Wrap (7 boots, 4 runs)                                                       | 169 Square feet                         |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (transite seams, trim, window frames, door frames, etc.) | Exterior Caulk                                                                    | 18 Square feet                          |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Windows Throughout                                                           | Window Glazing (26 Windows)                                                       | 13 Square feet                          |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement Room 2                                                              | Paint                                                                             | 2-5 Gallons                             |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Hallway 1                                                                    | Smoke Detector                                                                    | 1                                       |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Hallway 3                                                                    | Smoke Detector                                                                    | 1                                       |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | TIRES    | Living Room                                                                  | Tires                                                                             | 3                                       |
| 26 | 46-36-409-018 | 209     | E   | MYRTLE AVE | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                              | Water damage to back entry and basement stairs - use caution.                     |                                         |

| No | PARCEL-NO     | Address | Dir | Street         | City  | Zip   | Fund | Group | Category | Location                                                                     | Material                                                             | Quantity                               |
|----|---------------|---------|-----|----------------|-------|-------|------|-------|----------|------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------|
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | ACM      | Along Exterior of Foundation                                                 | Driveway Sealer (Foundation Sealer)                                  | 5 Square feet                          |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                           | Duct Wrap                                                            | 9 Square feet                          |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                           | Duct Wrap (2" Tape - 4 Linear feet)                                  | 1 Square feet                          |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | ACM      | Exterior Siding                                                              | Transite Siding                                                      | 1698 Square feet                       |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots Throughout                                                    | Duct Wrap (3 Boots)                                                  | 15 Square feet                         |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | ACM      | Steps to Basement (Under Carpet)                                             | Yellow Mastic                                                        | 24 Square feet                         |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout (242 Cubic feet)                                                  | Vermiculite Insulation                                               | 726 Square feet                        |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (transite seams, trim, window frames, door frames, etc.) | Exterior Caulk                                                       | 13 Square feet                         |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | ACM      | Utility Room Roofing (Addition)                                              | Roofing Material (3 layers)                                          | 378 Square feet                        |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | ACM      | Windows Throughout                                                           | Window Glazing (24 Windows)                                          | 12 Square feet                         |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                     | Battery                                                              | 2                                      |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                     | Fluorescent Light Ballasts                                           | 2 Ballasts                             |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                     | Fluorescent Light Bulb                                               | 1 - 2' Bulb                            |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                     | Paint                                                                | 1 - 1 Gallon                           |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                     | Paint                                                                | 1 - 1 Quart                            |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                     | Security Battery                                                     | 1                                      |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                     | Smoke Detector                                                       | 1                                      |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                     | Television                                                           | 1                                      |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Front Porch                                                                  | Paint                                                                | 2 - 1 Gallons                          |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Front Porch                                                                  | Paint                                                                | 1 - 1 Quart                            |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Kitchen                                                                      | Fluorescent Light Bulb                                               | 1 - 16" Bulb                           |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Kitchen                                                                      | Fluorescent Light Bulb                                               | 1 - 2' Bulb                            |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                  | Paint                                                                | 1 - 5 Gallon                           |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                  | Smoke Detector                                                       | 1                                      |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | TIRES    | Back of House                                                                | Tires                                                                | 15                                     |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | TIRES    | Basement                                                                     | Tires                                                                | 13                                     |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | TIRES    | Garage                                                                       | Tires                                                                | 7                                      |
| 27 | 46-36-411-010 | 126     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                              | Vermiculite insulation throughout. Addition roofing material is ACM. |                                        |
| 28 | 46-36-411-014 | 140     | E   | MYRTLE AVE     | FLINT | 48505 | HHF5 | 53    | ACM      | Basement                                                                     | 9" Brown Floor Tile                                                  | 580 Square feet                        |
| 28 | 46-36-411-014 | 140     | E   | MYRTLE AVE     | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                           | Duct Wrap (2" Tape - 5 Linear feet)                                  | 1 Square feet                          |
| 28 | 46-36-411-014 | 140     | E   | MYRTLE AVE     | FLINT | 48505 | HHF5 | 53    | ACM      | Garage Chimney                                                               | Black and Grey Stack Cement                                          | 2 Square feet                          |
| 28 | 46-36-411-014 | 140     | E   | MYRTLE AVE     | FLINT | 48505 | HHF5 | 53    | ACM      | House Roof                                                                   | Roofing Material (4 layers)                                          | 4245 Square feet                       |
| 28 | 46-36-411-014 | 140     | E   | MYRTLE AVE     | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots/Runs Throughout                                               | Duct Wrap (2 Boots, 1 Run)                                           | 40 Square feet                         |
| 28 | 46-36-411-014 | 140     | E   | MYRTLE AVE     | FLINT | 48505 | HHF5 | 53    | ACM      | Side Entry, Steps to Kitchen, Steps to Basement                              | Tan Linoleum/Green Linoleum/Gray Linoleum                            | 117 Square feet (area size 39 sq. ft.) |
| 28 | 46-36-411-014 | 140     | E   | MYRTLE AVE     | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout                                                                   | Plaster on Lath                                                      | 5280 Square feet                       |
| 28 | 46-36-411-014 | 140     | E   | MYRTLE AVE     | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (asphalt seams, trim, window frames, door frames etc.)   | Black Exterior Caulk                                                 | *19 Square feet                        |
| 28 | 46-36-411-014 | 140     | E   | MYRTLE AVE     | FLINT | 48505 | HHF5 | 53    | HAZ      | Back of House                                                                | Television                                                           | 1                                      |
| 28 | 46-36-411-014 | 140     | E   | MYRTLE AVE     | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                  | Mercury Thermometer                                                  | 1                                      |
| 28 | 46-36-411-014 | 140     | E   | MYRTLE AVE     | FLINT | 48505 | HHF5 | 53    | TIRES    | Back of House                                                                | Tires                                                                | 7                                      |
| 28 | 46-36-411-014 | 140     | E   | MYRTLE AVE     | FLINT | 48505 | HHF5 | 53    | TIRES    | Garage                                                                       | Tire                                                                 | 1                                      |
| 28 | 46-36-411-014 | 140     | E   | MYRTLE AVE     | FLINT | 48505 | HHF5 | 53    | TIRES    | Left of House                                                                | Tire                                                                 | 1                                      |
| 28 | 46-36-411-014 | 140     | E   | MYRTLE AVE     | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                              | Roofing material is ACM throughout.                                  |                                        |
| 29 | 46-36-411-030 | 151     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | ACM      | Basement                                                                     | 9" White Floor Tile                                                  | 36 Square feet                         |
| 29 | 46-36-411-030 | 151     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Chimney                                                             | Black Chimney Cement                                                 | 4 Square feet                          |
| 29 | 46-36-411-030 | 151     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Chimney                                                             | Green Chimney Cement                                                 | 4 Square feet                          |
| 29 | 46-36-411-030 | 151     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                           | Duct Wrap (2" Tape - 17 Linear feet)                                 | 3 Square feet                          |
| 29 | 46-36-411-030 | 151     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | ACM      | Bedroom 2                                                                    | Textured Paint                                                       | 392 Square feet                        |
| 29 | 46-36-411-030 | 151     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout                                                                   | Plaster (chicken wire)                                               | 2520 Square feet                       |
| 29 | 46-36-411-030 | 151     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (window frames, door frames, trim, etc.)                 | Grey Exterior Caulk                                                  | 12 Square feet                         |
| 29 | 46-36-411-030 | 151     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | ACM      | Windows Throughout                                                           | Window Glazing (5 Windows)                                           | 3 Square feet                          |
| 29 | 46-36-411-030 | 151     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                  | Mercury Thermostat                                                   | 1                                      |

| No | PARCEL-NO     | Address | Dir | Street         | City  | Zip   | Fund | Group | Category | Location                                                                     | Material                                                                                                | Quantity                                |
|----|---------------|---------|-----|----------------|-------|-------|------|-------|----------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 30 | 46-36-412-006 | 218     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (767 Cubic feet)                                         | Vermiculite Insulation                                                                                  | 1534 Square feet                        |
| 30 | 46-36-412-006 | 218     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | TIRES    | Behind Garage                                                                | Tires                                                                                                   | 7                                       |
| 30 | 46-36-412-006 | 218     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | zED      |                                                                              | Foundation on left side of house is collapsing - limited inspection.                                    |                                         |
| 30 | 46-36-412-006 | 218     | E   | MYRTLE AVE *** | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                              | Vermiculite insulation throughout. Foundation on left side of house is collapsing - limited inspection. |                                         |
| 31 | 46-36-412-020 | 215     |     | EDMUND ST ***  | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                           | Duct Wrap (2" Tape - 4 Linear feet)                                                                     | 1 Square feet                           |
| 31 | 46-36-412-020 | 215     |     | EDMUND ST ***  | FLINT | 48505 | HHF5 | 53    | ACM      | Bathroom                                                                     | Red Linoleum/Grey Floor Tile/Brown Floor Tile/Tan Mastic                                                | 144 Square feet (room size 48 Sq. ft.)  |
| 31 | 46-36-412-020 | 215     |     | EDMUND ST ***  | FLINT | 48505 | HHF5 | 53    | ACM      | Exterior Siding                                                              | Transite Siding                                                                                         | 1806 Square feet                        |
| 31 | 46-36-412-020 | 215     |     | EDMUND ST ***  | FLINT | 48505 | HHF5 | 53    | ACM      | Living Room (Under Carpet)                                                   | 9" Tan Floor Tile                                                                                       | 304 Square feet                         |
| 31 | 46-36-412-020 | 215     |     | EDMUND ST ***  | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots Throughout                                                    | Duct Wrap (5 boots)                                                                                     | 25 Square feet                          |
| 31 | 46-36-412-020 | 215     |     | EDMUND ST ***  | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout (335 Cubic feet)                                                  | Vermiculite Insulation                                                                                  | 1005 Square feet                        |
| 31 | 46-36-412-020 | 215     |     | EDMUND ST ***  | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (transite seams, trim, window frames, door frames, etc.) | White Exterior Caulk                                                                                    | 14 Square feet                          |
| 31 | 46-36-412-020 | 215     |     | EDMUND ST ***  | FLINT | 48505 | HHF5 | 53    | ACM      | Windows Throughout                                                           | Window Glazing (20 Windows)                                                                             | 10 Square feet                          |
| 31 | 46-36-412-020 | 215     |     | EDMUND ST ***  | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                     | Paint                                                                                                   | 3 - 1 Gallon                            |
| 31 | 46-36-412-020 | 215     |     | EDMUND ST ***  | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                     | Tar                                                                                                     | 8 - 5 Gallons                           |
| 31 | 46-36-412-020 | 215     |     | EDMUND ST ***  | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                  | Television                                                                                              | 1                                       |
| 31 | 46-36-412-020 | 215     |     | EDMUND ST ***  | FLINT | 48505 | HHF5 | 53    | TIRES    | Back of House                                                                | Tires                                                                                                   | 5                                       |
| 31 | 46-36-412-020 | 215     |     | EDMUND ST ***  | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                              | Vermiculite insulation throughout.                                                                      |                                         |
| 32 | 46-36-412-024 | 305     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | ACM      | Back Entry, Stairs to Basement                                               | Yellow Linoleum                                                                                         | 33 Square feet                          |
| 32 | 46-36-412-024 | 305     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                           | Duct Wrap                                                                                               | 24 Square feet                          |
| 32 | 46-36-412-024 | 305     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                           | Duct Wrap (2" Tape - 17 Linear feet)                                                                    | 3 Square feet                           |
| 32 | 46-36-412-024 | 305     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | ACM      | Chimney                                                                      | Black Chimney Caulk                                                                                     | 1 Square feet                           |
| 32 | 46-36-412-024 | 305     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots Throughout                                                    | Duct Wrap (3 Boots)                                                                                     | 15 Square feet                          |
| 32 | 46-36-412-024 | 305     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                     | Paint                                                                                                   | 2 - 5 Gallons                           |
| 32 | 46-36-412-024 | 305     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | TIRES    | Garage                                                                       | Tires                                                                                                   | 4                                       |
| 32 | 46-36-412-024 | 305     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | TIRES    | Left Side of Garage                                                          | Tire                                                                                                    | 1                                       |
| 32 | 46-36-412-024 | 305     |     | EDMUND ST      | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                              | Car parked in garage.                                                                                   |                                         |
| 33 | 46-36-412-025 | 309     |     | EDMUND ST **   | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                           | Duct Wrap                                                                                               | 9 Square feet                           |
| 33 | 46-36-412-025 | 309     |     | EDMUND ST **   | FLINT | 48505 | HHF5 | 53    | ACM      | Exterior Siding                                                              | Transite Siding                                                                                         | 1200 Square feet                        |
| 33 | 46-36-412-025 | 309     |     | EDMUND ST **   | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen                                                                      | Brown Linoleum/Tan Floor Tile/Yellow Floor Tile/Black Linoleum                                          | 624 Square feet (area size 156 sq. ft.) |
| 33 | 46-36-412-025 | 309     |     | EDMUND ST **   | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots Throughout                                                    | Duct Wrap (3 Boots)                                                                                     | 18 Square feet                          |
| 33 | 46-36-412-025 | 309     |     | EDMUND ST **   | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (transite seams, trim, window frames, door frames, etc.) | Exterior Caulk                                                                                          | 12 Square feet                          |
| 33 | 46-36-412-025 | 309     |     | EDMUND ST **   | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                     | Propane Tanks                                                                                           | 2 - 14 Ounces                           |
| 33 | 46-36-412-025 | 309     |     | EDMUND ST **   | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                     | Television                                                                                              | 1                                       |
| 33 | 46-36-412-025 | 309     |     | EDMUND ST **   | FLINT | 48505 | HHF5 | 53    | HAZ      | Bedroom 2                                                                    | Paint                                                                                                   | 1 - 5 Gallon                            |
| 33 | 46-36-412-025 | 309     |     | EDMUND ST **   | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                  | Mercury Thermometer                                                                                     | 1                                       |
| 33 | 46-36-412-025 | 309     |     | EDMUND ST **   | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                  | Television                                                                                              | 1                                       |
| 33 | 46-36-412-025 | 309     |     | EDMUND ST **   | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                              | Limited Inspection. Left side of foundation is caving in.                                               |                                         |

| No | PARCEL-NO     | Address | Dir | Street             | City  | Zip   | Fund | Group | Category | Location                                                                                                       | Material                                                                              | Quantity                               |
|----|---------------|---------|-----|--------------------|-------|-------|------|-------|----------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| 34 | 46-36-412-026 | 313     |     | EDMUND ST          | FLINT | 48505 | HHF5 | 53    | ACM      | Back Entry, Steps to Kitchen, Steps to Basement                                                                | Green Linoleum                                                                        | 42 Square feet                         |
| 34 | 46-36-412-026 | 313     |     | EDMUND ST          | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                                                             | Duct Wrap (2" Tape - 5 Linear feet)                                                   | 1 Square feet                          |
| 34 | 46-36-412-026 | 313     |     | EDMUND ST          | FLINT | 48505 | HHF5 | 53    | ACM      | Bathroom 2                                                                                                     | Brown Ceramic Tile/Mortar/Multicolor Linoleum                                         | 231 Square feet (area size 79 sq. ft.) |
| 34 | 46-36-412-026 | 313     |     | EDMUND ST          | FLINT | 48505 | HHF5 | 53    | ACM      | Bedroom 1                                                                                                      | Register Boot Packing                                                                 | 1 Square feet                          |
| 34 | 46-36-412-026 | 313     |     | EDMUND ST          | FLINT | 48505 | HHF5 | 53    | ACM      | Bedroom 2 Closet and 4 Closet                                                                                  | Multicolor Linoleum                                                                   | 45 Square feet                         |
| 34 | 46-36-412-026 | 313     |     | EDMUND ST          | FLINT | 48505 | HHF5 | 53    | ACM      | Living Room, Front Entry, Dining Room                                                                          | Popcorn Stucco                                                                        | 1371 Square feet                       |
| 34 | 46-36-412-026 | 313     |     | EDMUND ST          | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots and Runs Throughout                                                                             | Duct Wrap (4 Boots/ 4 Runs)                                                           | 140 Square feet                        |
| 34 | 46-36-412-026 | 313     |     | EDMUND ST          | FLINT | 48505 | HHF5 | 53    | ACM      | Windows Throughout                                                                                             | Window Glazing (19 Windows)                                                           | 10 Square feet                         |
| 34 | 46-36-412-026 | 313     |     | EDMUND ST          | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                                                       | Adhesive                                                                              | 1 - 1 Quart                            |
| 34 | 46-36-412-026 | 313     |     | EDMUND ST          | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                                                       | Propane Tanks                                                                         | 1 - 14 Ounces                          |
| 34 | 46-36-412-026 | 313     |     | EDMUND ST          | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                                                       | Sealer                                                                                | 1 - 10 Ounce                           |
| 34 | 46-36-412-026 | 313     |     | EDMUND ST          | FLINT | 48505 | HHF5 | 53    | HAZ      | Dining Room                                                                                                    | Television                                                                            | 1                                      |
| 34 | 46-36-412-026 | 313     |     | EDMUND ST          | FLINT | 48505 | HHF5 | 53    | HAZ      | Kitchen                                                                                                        | Refrigerator                                                                          | 1                                      |
| 34 | 46-36-412-026 | 313     |     | EDMUND ST          | FLINT | 48505 | HHF5 | 53    | TIRES    | Basement                                                                                                       | Tires                                                                                 | 9                                      |
| 35 | 46-36-451-015 | 171     | E   | VAN WAGONER AVE ** | FLINT | 48505 | HHF5 | 53    | ACM      | House Roof                                                                                                     | Roofing Material (3 Layers)                                                           | 2304 Square feet                       |
| 35 | 46-36-451-015 | 171     | E   | VAN WAGONER AVE ** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (asphalt seams, trim, nail holes, window frames, door frames, etc.) - portions under vinyl | Exterior Caulk                                                                        | *13 Square feet                        |
| 35 | 46-36-451-015 | 171     | E   | VAN WAGONER AVE ** | FLINT | 48505 | HHF5 | 53    | zED      |                                                                                                                | Limited Inspection. Left side of foundation is caving in.                             |                                        |
| 35 | 46-36-451-015 | 171     | E   | VAN WAGONER AVE ** | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                                                                | Limited Inspection. Left side of foundation is caving in.                             |                                        |
| 36 | 46-36-452-001 | 202     |     | EDMUND ST *        | FLINT | 48505 | HHF5 | 53    | zED      |                                                                                                                | Limited inspection completed. Water damage throughout house, floors/structure unsafe. |                                        |
| 36 | 46-36-452-001 | 202     |     | EDMUND ST *        | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                                                                | Limited inspection completed. Water damage throughout house, floors/structure unsafe. |                                        |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | ACM      | 3 separate spots                                                                                               | Chimney Caulk                                                                         | 3 Square feet                          |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | ACM      | Basement                                                                                                       | 12" Stone Pattern Floor Tile                                                          | 266 Square feet                        |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                                                             | Duct Wrap (2" Tape - 50 Linear feet)                                                  | 8 Square feet                          |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots Throughout                                                                                      | Duct Wrap ( 4 Boots)                                                                  | 20 Square feet                         |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout (420 Cubic feet)                                                                                    | Vermiculite Insulation                                                                | 840 Square feet                        |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (asphalt seams, trim, window frames, door frames, etc.)                                    | Exterior Caulk                                                                        | *17 Square feet                        |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                                                       | Grease                                                                                | 2 - 2 Pounds                           |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | HAZ      | Bedroom 1                                                                                                      | Computer Monitor                                                                      | 1                                      |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | HAZ      | Bedroom 1                                                                                                      | Fluorescent Light Ballasts                                                            | 2 Ballasts                             |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | HAZ      | Bedroom 1                                                                                                      | Fluorescent Light Bulbs                                                               | 4 - 2' Bulbs                           |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | HAZ      | Dining Room                                                                                                    | Fluorescent Light Ballast                                                             | 2 Ballasts                             |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | HAZ      | Dining Room                                                                                                    | Fluorescent Light Bulbs                                                               | 4 - 4' Bulbs                           |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | HAZ      | Kitchen                                                                                                        | Fluorescent Light Ballast                                                             | 2 Ballasts                             |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | HAZ      | Kitchen                                                                                                        | Fluorescent Light Bulbs                                                               | 4 - 4' Bulbs                           |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                                                    | Fluorescent Light Ballast                                                             | 2 Ballasts                             |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                                                    | Fluorescent Light Bulbs                                                               | 4 - 4' Bulbs                           |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                                                    | Mercury Thermostat                                                                    | 1                                      |
| 37 | 46-36-453-006 | 318     |     | EDMUND ST ***      | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                                                                | Vermiculite insulation throughout.                                                    |                                        |
| 38 | 46-36-455-004 | 164     | E   | VAN WAGONER AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Debris Pile                                                                                           | Blue Floor Tile/Tan Floor Tile/Paper                                                  | 9 Square feet                          |
| 38 | 46-36-455-004 | 164     | E   | VAN WAGONER AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                                                             | Duct Wrap (2" Tape - 20 Linear feet)                                                  | 3 Square feet                          |
| 38 | 46-36-455-004 | 164     | E   | VAN WAGONER AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Exterior Siding                                                                                                | Transite                                                                              | *22 Square feet                        |
| 38 | 46-36-455-004 | 164     | E   | VAN WAGONER AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots/Run Throughout                                                                                  | Duct Wrap (2 Boots/1 Run)                                                             | 40 Square feet                         |
| 38 | 46-36-455-004 | 164     | E   | VAN WAGONER AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (transite seams, trim, window frames, door frames, etc.)                                   | Exterior Caulk                                                                        | 12 Square feet                         |
| 38 | 46-36-455-004 | 164     | E   | VAN WAGONER AVE    | FLINT | 48505 | HHF5 | 53    | ACM      | Windows Throughout                                                                                             | Window Glazing (22 Windows)                                                           | 11 Square feet                         |
| 38 | 46-36-455-004 | 164     | E   | VAN WAGONER AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement Stairwell                                                                                             | Smoke Detector                                                                        | 1                                      |
| 38 | 46-36-455-004 | 164     | E   | VAN WAGONER AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Bedroom 1                                                                                                      | Television                                                                            | 1                                      |
| 38 | 46-36-455-004 | 164     | E   | VAN WAGONER AVE    | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                                                    | Television                                                                            | 1                                      |



| No | PARCEL-NO     | Address | Dir | Street          | City  | Zip   | Fund | Group | Category | Location                                                                     | Material                                                                        | Quantity                                |
|----|---------------|---------|-----|-----------------|-------|-------|------|-------|----------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------|
| 39 | 46-36-455-023 | 3621    |     | WESLEY ST **    | FLINT | 48505 | HHF5 | 53    | ACM      | Exterior Siding - Under Vinyl                                                | Transite Siding                                                                 | 1575 Square feet                        |
| 39 | 46-36-455-023 | 3621    |     | WESLEY ST **    | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (transite seams, trim, window frames, door frames, etc.) | Exterior Caulk                                                                  | 14 Square feet                          |
| 39 | 46-36-455-023 | 3621    |     | WESLEY ST **    | FLINT | 48505 | HHF5 | 53    | TIRES    | Garage                                                                       | Tires                                                                           | 5                                       |
| 39 | 46-36-455-023 | 3621    |     | WESLEY ST **    | FLINT | 48505 | HHF5 | 53    | zED      |                                                                              | Limited Inspection. Water damage throughout house. Floors and ceilings unsafe.  |                                         |
| 39 | 46-36-455-023 | 3621    |     | WESLEY ST **    | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                              | Limited Inspection. Water damage throughout house. Floors and ceilings unsafe.  |                                         |
| 40 | 46-36-455-027 | 3609    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | ACM      | Basement                                                                     | Chimney Caulk                                                                   | 3 Square feet                           |
| 40 | 46-36-455-027 | 3609    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                           | Duct Wrap (5 boots)                                                             | 35 Square feet                          |
| 40 | 46-36-455-027 | 3609    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work/Floor                                                     | Duct Wrap                                                                       | 64 Square feet                          |
| 40 | 46-36-455-027 | 3609    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work/Floor                                                     | Duct Wrap (2" Tape - 15 Linear Feet)                                            | 3 Square feet                           |
| 40 | 46-36-455-027 | 3609    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | ACM      | Exterior Siding                                                              | Transite Siding                                                                 | 1570 Square feet                        |
| 40 | 46-36-455-027 | 3609    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | ACM      | Front Porch                                                                  | 9" Black Floor Tile                                                             | 98 Square feet                          |
| 40 | 46-36-455-027 | 3609    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | ACM      | Side Entry, Stairs to Kitchen Landing, Kitchen Landing                       | 12" Red and Brown Floor Tile                                                    | 73 Square feet                          |
| 40 | 46-36-455-027 | 3609    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | ACM      | Stairs to Basement                                                           | 12" Tan Floor Tile                                                              | 18 Square feet                          |
| 40 | 46-36-455-027 | 3609    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (transite seams, trim, window frames, door frames, etc.) | Exterior Caulk                                                                  | 19 Square feet                          |
| 40 | 46-36-455-027 | 3609    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | HAZ      | Front Porch                                                                  | Fluorescent Light Ballast                                                       | 1                                       |
| 40 | 46-36-455-027 | 3609    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | HAZ      | Front Porch                                                                  | Fluorescent Light Bulbs                                                         | 2 - 2' Bulbs                            |
| 40 | 46-36-455-027 | 3609    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                  | Smoke Detector                                                                  | 1                                       |
| 40 | 46-36-455-027 | 3609    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | HAZ      | Nook                                                                         | Fluorescent Light Bulb                                                          | 1 - Circle Bulb                         |
| 40 | 46-36-455-027 | 3609    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | TIRES    | Basement                                                                     | Tires                                                                           | 2                                       |
| 41 | 46-36-456-002 | 202     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Floor                                                               | Duct Wrap                                                                       | 6 Square feet                           |
| 41 | 46-36-456-002 | 202     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots / Runs Throughout                                             | Duct Wrap (5 Boots)                                                             | 30 Square feet                          |
| 41 | 46-36-456-002 | 202     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (asphalt seams, trim, window frames, door frames, etc.)  | Exterior Caulk                                                                  | *13 Square feet                         |
| 41 | 46-36-456-002 | 202     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                     | Television                                                                      | 1                                       |
| 41 | 46-36-456-002 | 202     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Dormer - Second Floor                                                        | Computer Monitor                                                                | 1                                       |
| 41 | 46-36-456-002 | 202     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Hallway                                                                      | Smoke Detector                                                                  | 1                                       |
| 41 | 46-36-456-002 | 202     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                  | Mercury Thermostat                                                              | 1                                       |
| 41 | 46-36-456-002 | 202     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Second Floor                                                                 | Computer Monitor                                                                | 1                                       |
| 42 | 46-36-456-016 | 3610    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen, Pantry, Side Entry, Stairs to Kitchen                               | 12" Tan Floor Tile/Black Floor Tile/Yellow Floor Tile/Red Linoleum              | 832 Square feet (room size 208 Sq. ft.) |
| 42 | 46-36-456-016 | 3610    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | ACM      | Living Room, Bedroom 1, Hallway                                              | Stucco                                                                          | 927 Square feet                         |
| 42 | 46-36-456-016 | 3610    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots Throughout                                                    | Duct Wrap (4 Boots)                                                             | 20 Square feet                          |
| 42 | 46-36-456-016 | 3610    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (asphalt seams, trim, window frames, door frames, etc.)  | Exterior Caulk                                                                  | *14 Square feet                         |
| 42 | 46-36-456-016 | 3610    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                     | Mini Refrigerator                                                               | 1                                       |
| 42 | 46-36-456-016 | 3610    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | HAZ      | Kitchen                                                                      | Smoke Detector                                                                  | 1                                       |
| 42 | 46-36-456-016 | 3610    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                  | Mercury Thermostat                                                              | 1                                       |
| 42 | 46-36-456-016 | 3610    |     | WESLEY ST       | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                  | Smoke Detector                                                                  | 1                                       |
| 43 | 46-36-456-020 | 3709    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Floor Debris Pile                                                   | Duct Wrap                                                                       | 72 Square feet                          |
| 43 | 46-36-456-020 | 3709    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Room 4                                                              | White Floor Tile                                                                | 48 Square feet                          |
| 43 | 46-36-456-020 | 3709    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Bathroom                                                                     | Brown Pattern Floor Tile/Green Floor Tile/White Floor Tile                      | 126 Square feet (room size 42 Sq. ft.)  |
| 43 | 46-36-456-020 | 3709    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen, Hallway                                                             | White Pattern Floor Tile/Yellow Pattern Linoleum/White Stone Pattern Floor Tile | 366 Square feet (room size 122 Sq. ft.) |
| 43 | 46-36-456-020 | 3709    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boot - Bathroom                                                     | Duct Wrap (1 boot)                                                              | 5 Square feet                           |
| 43 | 46-36-456-020 | 3709    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (asphalt seams, trim, window frames, door frames, etc.)  | Exterior Caulk                                                                  | *15 Square feet                         |
| 43 | 46-36-456-020 | 3709    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | HAZ      | Dining Room                                                                  | Mercury Thermostat                                                              | 1                                       |

| No | PARCEL-NO     | Address | Dir | Street          | City  | Zip   | Fund | Group | Category | Location                                                                    | Material                                                                                                                       | Quantity                                |
|----|---------------|---------|-----|-----------------|-------|-------|------|-------|----------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 44 | 46-36-456-022 | 3701    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Basement                                                                    | Gray and Black Chimney Caulk                                                                                                   | 1 Square feet                           |
| 44 | 46-36-456-022 | 3701    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Bathroom                                                                    | Yellow Linoleum/White Linoleum/Black Pattern Linoleum/Brown Linoleum                                                           | 176 Square feet (room size 44 Sq. ft.)  |
| 44 | 46-36-456-022 | 3701    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Bedroom 1, Living Room, Dining Room                                         | 12" Stone Pattern Floor Tile                                                                                                   | 310 Square feet                         |
| 44 | 46-36-456-022 | 3701    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Bedroom 2                                                                   | Black Mastic                                                                                                                   | 99 Square feet                          |
| 44 | 46-36-456-022 | 3701    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Bedroom 3                                                                   | Plaster with Backerboard                                                                                                       | 396 Square feet                         |
| 44 | 46-36-456-022 | 3701    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Hallway                                                                     | Yellow Linoleum/White Linoleum/Black Pattern Linoleum/Brown Linoleum/Stone Floor Tile/Brown and Green Linoleum                 | 216 Square feet (room size 36 Sq. ft.)  |
| 44 | 46-36-456-022 | 3701    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen                                                                     | 12" Tan Floor Tile/Gray Pattern Floor Tile/Brown Square Pattern Linoleum/12" Stone Pattern Floor Tile/Brown and Green Linoleum | 540 Square feet (room size 108 Sq. ft.) |
| 44 | 46-36-456-022 | 3701    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots Throughout                                                   | Duct Wrap (3 Boots)                                                                                                            | 15 Square feet                          |
| 44 | 46-36-456-022 | 3701    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (asphalt seams, trim, window frames, door frames, etc.) | Black Exterior Caulk                                                                                                           | *14 Square feet                         |
| 44 | 46-36-456-022 | 3701    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | HAZ      | Back Entry                                                                  | Smoke Detector                                                                                                                 | 1                                       |
| 44 | 46-36-456-022 | 3701    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | HAZ      | Dining Room                                                                 | Smoke Detector                                                                                                                 | 1                                       |
| 44 | 46-36-456-022 | 3701    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | TIRES    | Basement                                                                    | Tire                                                                                                                           | 1                                       |
| 44 | 46-36-456-022 | 3701    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | TIRES    | Bedroom 3                                                                   | Tire                                                                                                                           | 1                                       |
| 45 | 46-36-456-024 | 3617    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Basement                                                                    | Stack Cement                                                                                                                   | 1 Square feet                           |
| 45 | 46-36-456-024 | 3617    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                          | Duct Wrap - 2" Tape (10 Linear ft.)                                                                                            | 2 Square feet                           |
| 45 | 46-36-456-024 | 3617    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Front and Back House Peaks                                                  | Transite Siding                                                                                                                | 1 Square feet                           |
| 45 | 46-36-456-024 | 3617    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | House Roof                                                                  | Roofing Material (4 Layers)                                                                                                    | 4632 Square feet                        |
| 45 | 46-36-456-024 | 3617    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen Register Run                                                        | Duct Wrap (1 Run)                                                                                                              | 30 Square feet                          |
| 45 | 46-36-456-024 | 3617    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Landing to Second                                                           | 9" Tan Floor Tile/9" Brown Floor Tile                                                                                          | 42 Square feet (room size 21 Sq. ft.)   |
| 45 | 46-36-456-024 | 3617    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (asphalt seams, trim - top portion of house)            | Black Exterior Caulk                                                                                                           | *4 Square feet                          |
| 45 | 46-36-456-024 | 3617    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (window frames, door frames, trim, etc.)                | Exterior Caulk                                                                                                                 | 18 Square feet                          |
| 45 | 46-36-456-024 | 3617    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                    | Heating Oil Tank                                                                                                               | 1                                       |
| 45 | 46-36-456-024 | 3617    |     | ALEXANDER ST    | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                    | Smoke Detector                                                                                                                 | 2                                       |
| 46 | 46-36-457-006 | 318     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Basement - Near Chimney                                                     | Tan Floor Tile and Mastic                                                                                                      | 2 Square feet                           |
| 46 | 46-36-457-006 | 318     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                                          | Duct Wrap (2 Tape - 15 Linear feet)                                                                                            | 3 Square feet                           |
| 46 | 46-36-457-006 | 318     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | ACM      | House Roof                                                                  | Roofing Material (6 Layers)                                                                                                    | 5084 Square feet                        |
| 46 | 46-36-457-006 | 318     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Register Boots/ Run Throughout                                              | Duct Wrap (3 Boots/ 1 Run)                                                                                                     | 45 Square feet                          |
| 46 | 46-36-457-006 | 318     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior                                                         | Transite Siding                                                                                                                | 1605 Square feet                        |
| 46 | 46-36-457-006 | 318     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior                                                         | White and Beige Exterior Caulk                                                                                                 | 17 Square feet                          |
| 46 | 46-36-457-006 | 318     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | ACM      | Windows Throughout                                                          | Window Glazing (23 Windows)                                                                                                    | 12 Square feet                          |
| 46 | 46-36-457-006 | 318     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                                    | Paint                                                                                                                          | 1 - 1 Gallon                            |
| 46 | 46-36-457-006 | 318     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Kitchen                                                                     | Fluorescent Light Bulb                                                                                                         | 1                                       |
| 46 | 46-36-457-006 | 318     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | HAZ      | Living Room                                                                 | Mercury Thermostat                                                                                                             | 1                                       |
| 46 | 46-36-457-006 | 318     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | TIRES    | Back Porch                                                                  | Tire                                                                                                                           | 1                                       |
| 46 | 46-36-457-006 | 318     | E   | VAN WAGONER AVE | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                             | Roofing material is ACM. Neighbor is using and storing belongings in the garage.                                               |                                         |

| No | PARCEL-NO     | Address | Dir | Street           | City  | Zip   | Fund | Group | Category | Location                                                                                 | Material                                                                                                                                                    | Quantity                                |
|----|---------------|---------|-----|------------------|-------|-------|------|-------|----------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Back Entry                                                                               | 9" Black Floor Tile                                                                                                                                         | 72 Square feet                          |
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Back Entry - Stairs to Second Floor                                                      | 9" Black and Brown Floor Tile (checkered)                                                                                                                   | 24 Square feet                          |
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Basement                                                                                 | Air Cell Pipe Insulation 2" Pipe                                                                                                                            | 45 Linear feet                          |
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Basement                                                                                 | Air Cell Pipe Insulation 4" Pipe                                                                                                                            | 70 Linear feet                          |
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Basement                                                                                 | Mudded Pipe Fittings (40 Fittings)                                                                                                                          | 20 Linear feet                          |
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Stairs                                                                          | Tan Floor Tile/Red Floor Tile (checkered)                                                                                                                   | 24 Square feet                          |
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Walls (Top Layer)                                                               | Concrete Plaster Coat                                                                                                                                       | 1104 Square feet                        |
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Front Middle of House                                                                    | White Thick Caulk                                                                                                                                           | 2 Square feet                           |
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Laundry Room                                                                             | 9" White Floor Tile                                                                                                                                         | 60 Square feet                          |
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Pipe Runs in the Walls                                                                   | Air Cell Pipe Insulation 2" Pipe                                                                                                                            | 40 Linear feet                          |
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout (285 Cubic feet)                                                              | Vermiculite Insulation                                                                                                                                      | 846 Square feet                         |
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior                                                                      | Transite Siding                                                                                                                                             | 1076 Square feet                        |
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (window frames, door frames, trim, transite seams, etc.)             | Exterior Caulk                                                                                                                                              | 19 Square feet                          |
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement Stairs                                                                          | Smoke Detector                                                                                                                                              | 1                                       |
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Bedroom 3                                                                                | CFL                                                                                                                                                         | 1                                       |
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Hallway - Second Floor                                                                   | Smoke Detector                                                                                                                                              | 1                                       |
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | HAZ      | Laundry Room                                                                             | Fluorescent Light Bulb                                                                                                                                      | 2 - Circle Bulbs                        |
| 47 | 46-36-457-012 | 3622    |     | ALEXANDER ST *** | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                                          | Vermiculite insulation throughout.                                                                                                                          |                                         |
| 48 | 46-36-457-023 | 3701    |     | MARVIN ST ***    | FLINT | 48505 | HHF5 | 53    | ACM      | Basement                                                                                 | Stack Cement                                                                                                                                                | 5 Square feet                           |
| 48 | 46-36-457-023 | 3701    |     | MARVIN ST ***    | FLINT | 48505 | HHF5 | 53    | ACM      | Bathroom 2                                                                               | Yellow Linoleum                                                                                                                                             | 40 Square feet                          |
| 48 | 46-36-457-023 | 3701    |     | MARVIN ST ***    | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen 1                                                                                | 12" White Floor Tile/12" Gray Floor Tile/Yellow Linoleum/Red Floor Tile/Gray Floor Tile/Orange Linoleum                                                     | 660 Square feet (room size 110 Sq. ft.) |
| 48 | 46-36-457-023 | 3701    |     | MARVIN ST ***    | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen 2 Counter                                                                        | 12" Gray Floor Tile                                                                                                                                         | 16 Square feet                          |
| 48 | 46-36-457-023 | 3701    |     | MARVIN ST ***    | FLINT | 48505 | HHF5 | 53    | ACM      | Kitchen 2 Floor                                                                          | Yellow Linoleum/Red Linoleum/Tan Linoleum                                                                                                                   | 396 Square feet (room size 132 Sq. ft.) |
| 48 | 46-36-457-023 | 3701    |     | MARVIN ST ***    | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout (240 Cubic feet)                                                              | Vermiculite Insulation                                                                                                                                      | 723 Square feet                         |
| 48 | 46-36-457-023 | 3701    |     | MARVIN ST ***    | FLINT | 48505 | HHF5 | 53    | HAZ      | Bedroom 1                                                                                | Smoke Detector                                                                                                                                              | 1                                       |
| 48 | 46-36-457-023 | 3701    |     | MARVIN ST ***    | FLINT | 48505 | HHF5 | 53    | HAZ      | Bedroom 3 Closet                                                                         | Smoke Detector                                                                                                                                              | 3                                       |
| 48 | 46-36-457-023 | 3701    |     | MARVIN ST ***    | FLINT | 48505 | HHF5 | 53    | HAZ      | Hallway                                                                                  | Smoke Detector                                                                                                                                              | 1                                       |
| 48 | 46-36-457-023 | 3701    |     | MARVIN ST ***    | FLINT | 48505 | HHF5 | 53    | HAZ      | Kitchen 1                                                                                | Smoke Detector                                                                                                                                              | 1                                       |
| 48 | 46-36-457-023 | 3701    |     | MARVIN ST ***    | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                                          | Vermiculite insulation throughout. Second floor inspected on 9/26/2018 due to bees in the walls during initial inspection date.                             |                                         |
| 49 | 46-36-457-025 | 3617    |     | MARVIN ST **     | FLINT | 48505 | HHF5 | 53    | ACM      | Exterior Siding - Under Vinyl                                                            | Asphalt Siding                                                                                                                                              | 2090 Square feet                        |
| 49 | 46-36-457-025 | 3617    |     | MARVIN ST **     | FLINT | 48505 | HHF5 | 53    | ACM      | House Roof                                                                               | Roofing Material (4 Layers)                                                                                                                                 | 5620 Square feet                        |
| 49 | 46-36-457-025 | 3617    |     | MARVIN ST **     | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (window frames, door frames, asphalt seams, trim, etc.- under vinyl) | Black Exterior Caulk                                                                                                                                        | 15 Square feet                          |
| 49 | 46-36-457-025 | 3617    |     | MARVIN ST **     | FLINT | 48505 | HHF5 | 53    | HAZ      | Right Side of House                                                                      | Fluorescent Light Bulb                                                                                                                                      | 2 - 4' Bulbs                            |
| 49 | 46-36-457-025 | 3617    |     | MARVIN ST **     | FLINT | 48505 | HHF5 | 53    | TIRES    | Driveway                                                                                 | Tires                                                                                                                                                       | 6                                       |
| 49 | 46-36-457-025 | 3617    |     | MARVIN ST **     | FLINT | 48505 | HHF5 | 53    | TIRES    | Under Front Porch                                                                        | Tires                                                                                                                                                       | 2                                       |
| 49 | 46-36-457-025 | 3617    |     | MARVIN ST **     | FLINT | 48505 | HHF5 | 53    | zED      |                                                                                          | Limited exterior inspection completed. Foundation caving on right side of house. Back of house has hole in the roof and is unsafe.                          |                                         |
| 49 | 46-36-457-025 | 3617    |     | MARVIN ST **     | FLINT | 48505 | HHF5 | 53    | zNote    |                                                                                          | Limited exterior inspection completed. Foundation caving on right side of house. Back of house has hole in the roof and is unsafe. Roofing material is ACM. |                                         |

| No | PARCEL-NO     | Address | Dir | Street    | City  | Zip   | Fund | Group | Category | Location                                                     | Material                               | Quantity                               |
|----|---------------|---------|-----|-----------|-------|-------|------|-------|----------|--------------------------------------------------------------|----------------------------------------|----------------------------------------|
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                           | Cold Air Return Paper                  | 10 Square feet                         |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | ACM      | Basement Duct Work                                           | Duct Wrap (2" Tape - 12 Linear feet)   | 2 Square feet                          |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | ACM      | Bedroom 3 (under debris)                                     | 12" Stone Pattern Floor Tile           | 108 Square feet                        |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | ACM      | Hallway, Bathroom                                            | 12" White Floor Tile/9" Red Floor Tile | 144 Square feet (room size 72 Sq. ft.) |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | ACM      | House Roof                                                   | Roofing Material (5 Layers)            | 5544 Square feet                       |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | ACM      | Throughout Exterior (window frames, door frames, trim, etc.) | Exterior Caulk                         | 13 Square feet                         |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                     | Adhesive                               | 2 Pounds                               |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                     | Aerosols                               | 7 Cans                                 |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                     | Paint                                  | 6 - 1 Gallons                          |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                     | Plaster Paris                          | 2 Pounds                               |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement                                                     | Television                             | 2                                      |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | HAZ      | Basement Stairs                                              | Smoke Detector                         | 1                                      |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | HAZ      | Bedroom 1                                                    | Smoke Detector                         | 1                                      |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | HAZ      | Bedroom 2                                                    | Smoke Detector                         | 1                                      |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | HAZ      | Dining Room                                                  | Air Conditioning Unit                  | 1                                      |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | HAZ      | Dining Room                                                  | Mercury Thermometer                    | 1                                      |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | TIRES    | Basement                                                     | Tires                                  | 2                                      |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | TIRES    | Front Left of House                                          | Tires                                  | 2                                      |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | TIRES    | Garage                                                       | Bike Tire                              | 1                                      |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | TIRES    | Right Side of House                                          | Tires                                  | 3                                      |
| 50 | 46-36-457-026 | 3615    |     | MARVIN ST | FLINT | 48505 | HHF5 | 53    | zNote    |                                                              | Roofing material is ACM throughout.    |                                        |
|    |               |         |     |           |       |       |      |       |          |                                                              |                                        |                                        |

## **ATTACHMENT E: Section 3 Clause and City of Flint Section 3 Business Certification Program Information**

Section 3 is a provision of the Housing and Urban Development Act of 1968. The purpose of Section 3 is to ensure that employment and other economic opportunities generated by certain HUD financial assistance shall, to the greatest extent feasible, and consistent with existing Federal, State and local laws and regulations, be directed to low- and very low income persons, particularly those who are recipients of government assistance for housing, and to business concerns which provide economic opportunities to low- and very low-income persons.

Section 3 contracting goals for funding received through the City of Flint and the Department of Housing and Urban Development (HUD) are as follows:  
10% of construction (demolition) subcontracts are to be awarded to agencies/businesses who are Section 3 certified, and 3% of non-construction subcontracts (ex - architectural, etc.) are to be awarded to agencies/businesses who are Section 3 certified.

For additional information please refer to the following links:

<https://www.hud.gov/section3>

<https://portal.hud.gov/hudportal/documents/huddoc?id=11secfaqs.pdf>

### **Becoming Section 3 Certified**

Bidders interested in becoming Section 3 certified through the City of Flint can contact City of Flint's Department of Community and Economic Development at (810) 766-7426. City of Flint application forms for businesses seeking Section 3 Preference in Contracting are attached.

Information on hiring or becoming certified as a Section 3 Resident through Mott Community College Workforce Development is also attached.

### **Section 3 Reporting Requirements**

Contractors performing work on Section 3 covered contracts must comply with Section 3 rules and regulations at 24 CFR Part 135, incorporate the Section 3 Clause into all subcontracts, and complete Section 3 reports (attached) for all contracts.

**City of Flint - Certification for Business Concern Seeking Section 3 Preference in Contracting and Demonstration of Capacity**

Name of Business \_\_\_\_\_ Phone & Fax \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

Type of Business: Corporation Partnership Sole Proprietorship

Type of Business Activity: \_\_\_\_\_ (i.e. construction, plumbing, demolition...)

Please attach the following documentation as evidence of status:

**For all business entities (as applicable):**

- |                                                                                                |                                                                   |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <input type="checkbox"/> Copy of Articles of Incorporation                                     | <input type="checkbox"/> Certificate of Good Standing             |
| <input type="checkbox"/> Assumed Business Name Certificate                                     | <input type="checkbox"/> Partnership Agreement                    |
| <input type="checkbox"/> List of owners/stockholders and 51% ownership of each                 | <input type="checkbox"/> Corporation Annual Report                |
| <input type="checkbox"/> Organization chart with names and titles and brief function statement | <input type="checkbox"/> Latest Board minutes appointing officers |
|                                                                                                | <input type="checkbox"/> Additional documentation                 |

**1. For business claiming status as a Section 3 resident-owned enterprise:**

- ☐ Certification for Section 3 Residents (at least 51% of the business owners)

**2. For Business claiming Section 3 status by subcontracting 25% of the dollar award to qualified Section 3 Business:**

- ☐ List of subcontracted Section 3 business(es) and contract/agreement documentation of subcontract amount
- ☐ Section 3 certification & all supporting documentation for each subcontracted Section 3 Business

**3. For business claiming Section 3 status by claiming at least 30 percent of their full time, permanent workforce are currently Section 3 residents or were Section 3 eligible residents within 3 years of date of first employment with the business:**

- ☐ List of all current full time employees
- ☐ List of employees claiming Section 3 status
- ☐ Certification for Section 3 Residents (at least 30% of all current full-time employees) with supporting documentation showing Section 3 status immediately prior to the date of first hire

**For all business entities:**

**Evidence of ability to perform successfully under the terms and conditions of the proposed contract:**

- ☐ Current audited financial statement or Income Tax Return
- ☐ Statement of ability to comply with public policy related to government funding (federal, state or city work experience) evidenced by providing a list of all contracts for the past two years
- ☐ List of owned equipment

**In completing this application you are aware as stated in 24 CFR 8.5.36 (d) to the following:**

- ✓ All work to be performed is covered by Section 3
- ✓ Parties under contract certify that no impediment would prevent compliance
- ✓ Contractor agrees to notify labor organizations of Section 3 commitments and post notice at work site
- ✓ Noncompliance with Section 3 may result in termination of contract for default

\_\_\_\_\_  
Authorized Name, Title and Signature

Date \_\_\_\_\_

Please submit documentation of the following items to Kevin L. Miller at City of Flint, Dept. of Community and Economic Development, 1101 S. Saginaw St., Flint, Michigan 48502, [klmiller@cityofflint.com](mailto:klmiller@cityofflint.com) or fax to 810-766-7351. Direct any questions to 810-766-7426 ext. 3023

### Open Enrollment

Monday – Thursday ONLY

Arrive 15 minutes early

Intake is at 9:00am or 1:00pm

Must be on time!!!

Intake is 3 - 3 ½ hours

No children PLEASE!

# MOTT COMMUNITY COLLEGE

## Section 3 Resident Application Process

(810) 232-2555

Mott Community College (MDD) – Workforce & Career Development Department offers several programs through the *Federal Workforce Investment Act (WIA)*. The objective of these programs is to assist adults who are seeking employment or skill improvements as a path to better employment.

Adult Worker Program – Available to any adult 18 years or older. Dislocated Worker Program – Available to any adult 18 years or older who has been terminated, laid off or has exhausted their unemployment compensation. Incumbent Worker Program – Available for any adult who is currently employed and wants to improve their skills in computers, basic math, grammar or reading. This program can also be utilized by employers interested in customized training for their current workforce.

Each program offers three levels of service: staff-assisted core intensive and training services. Participants are involved in activities such as Individual Job Development, Advances Job Club, Advanced Screened Referrals and Follow-Up Services, which are tailored to meet individual needs. Supportive Services may be available on a limited basis to those who qualify for the purpose of enabling the successful participation and completion of program services.

To take advantage of these program opportunities, individuals must register with and receive core services from the Employment Services Office; complete the WIA Registration process and meet the program eligibility and documentation requirements.

The following documentation will be needed at the time of your appointment as it applies to your situation.

- Career Alliance Referral Forms from Employment Services (located in the basement of Career Alliance)
- Valid Driver's License or State ID
- Social Security Card
- Birth Certificate (if no valid ID)
- Adult Workers (Proof of family size and proof of income – most recent check stub)
- Most Recent Tax Return (To verify family size)
- Dislocated Workers (Most current UA check stub / UA Determination Notice)
- Letter of dismissal from last employer – if applicable
- Medical cards / Bridge Card
- DHS Statement of Income
- SSI / SSD Statement of Income
- Copy of Work Keys Assessment results
- DD-214 (Military Transfer / Discharge Paper)

We look forward to working with you soon!

Mott Community College Workforce Education Center / Garfield G. Wagner, Jr. Building  
709 North Saginaw Street, Flint, Michigan 48503 Phone: (810) 232-2555



## Certification for Resident Seeking Section 3 Training and Employment Preference

\_\_\_\_\_ meets the income and residence eligibility guidelines for a low- or very-low-income person for this area seeking Section 3 preference in training and employment.

The following documentation has been submitted to Mott Community College Workforce and Career Development as evidence of Section 3 status:

- Copy of lease
- Michigan State Drivers License or ID
- Resume

\_\_\_\_\_  
Full address of Person seeking Certification

\_\_\_\_\_  
Signature of Person seeking Certification

- Copy of receipt of public assistance
- Copy of evidence of participation in a public assistance program
- Other evidence
  - Tax return
  - Pay stub
  - Social Security annual income report
  - Unemployment rejection letter
  - DHS denial letter
  - Notarized letter of support from other individual

\_\_\_\_\_  
For Department Uses

Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_  
Name and Title of person verifying Section 3 preference status

Referred for employment to: \_\_\_\_\_ Date: \_\_\_\_\_

Trade/Skill: \_\_\_\_\_

Referred by: \_\_\_\_\_ Title: Job Development Specialist





## FY 2017 INCOME LIMITS DOCUMENTATION SYSTEM

HUD.gov HUD User Home Data Sets Fair Market Rents Section 8 Income Limits NTSP Income Limits HUD LIHTC Database

### FY 2017 Income Limits Summary

| FY 2017 Income Limit Area | Median Income<br>Explanation | FY 2017 Income Limit Category                    | Persons in Family |        |        |        |        |         |         |         |
|---------------------------|------------------------------|--------------------------------------------------|-------------------|--------|--------|--------|--------|---------|---------|---------|
| Genesee County            | \$53,700                     | Very Low (50%) Income Limits (\$)<br>Explanation | 19,550            | 22,350 | 25,150 | 27,900 | 30,150 | 32,400  | 34,600  | 36,850  |
|                           |                              | Extremely Low Income Limits (\$)*<br>Explanation | 12,060            | 16,240 | 20,420 | 24,600 | 28,780 | 32,400* | 34,600* | 36,850* |
|                           |                              | Low (80%) Income Limits (\$)<br>Explanation      | 31,300            | 35,750 | 40,200 | 44,650 | 48,250 | 51,800  | 55,400  | 58,950  |

**Section 3 Developer/Subgrantee Employment Roster  
City of Flint Department of Planning and Development  
Community and Economic Development Division**

|                         |  |                          |
|-------------------------|--|--------------------------|
| <b>Contractor Name:</b> |  | <b>Telephone:</b>        |
| <b>Contact Person:</b>  |  | <b>Fax:</b>              |
| <b>Project Name:</b>    |  | <b>Reporting Period:</b> |

**Please list all current full time, permanent employees on your project - Identify Section 3 Certified Employees**

[illegible]

\*Construction contracts are subject to compliance with the requirement to pay prevailing wages determined under Davis-Bacon Act (40 U.S.C. 276a)

|                              |  |               |
|------------------------------|--|---------------|
| <b>Authorized Signature:</b> |  | <b>Date:</b>  |
| <b>Printed Name:</b>         |  | <b>Title:</b> |

**Section 3 General Contractor/Subcontractor Timesheet Summary**  
**City of Flint Department of Planning and Development**  
**Community and Economic Development Division**

|                                |  |                          |  |
|--------------------------------|--|--------------------------|--|
| <b>Contractor/Sub Name:</b>    |  | <b>Telephone:</b>        |  |
| <b>Contact Person:</b>         |  | <b>Fax:</b>              |  |
| <b>Project Name:</b>           |  | <b>Reporting Period:</b> |  |
| <b>Contractor/Sub Address:</b> |  |                          |  |

| Job Category        | Hours Worked by Existing Staff | Number of Non-Section 3 New Hires | Hours Worked by Non-Section 3 New Hires | Number of New Hires that are Section 3 Residents | Hours Worked by New Hire Section 3 Residents | Number of Section 3 Trainees | Hours Worked by Section 3 Trainees |
|---------------------|--------------------------------|-----------------------------------|-----------------------------------------|--------------------------------------------------|----------------------------------------------|------------------------------|------------------------------------|
| Office/Clerical     |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Building Contractor |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Electrical          |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Plumbing            |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| HVAC/Mechanical     |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Carpentry           |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Drywall             |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Roofing             |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Siding              |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Flooring/Carpet     |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Concrete            |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Insulation          |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Demolition          |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| General Laborer     |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Asbestos            |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Lead Paint          |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Sewer/Water         |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Excavation          |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Landscape           |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Other:              |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Other:              |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Other:              |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Other:              |                                |                                   |                                         |                                                  |                                              |                              |                                    |
| Other:              |                                |                                   |                                         |                                                  |                                              |                              |                                    |

|                              |  |               |  |
|------------------------------|--|---------------|--|
| <b>Authorized Signature:</b> |  | <b>Date:</b>  |  |
| <b>Printed Name:</b>         |  | <b>Title:</b> |  |

## Section 3 Summary Report

### Economic Opportunities for Low- and Very Low-Income Persons

**U.S. Department of Housing  
and Urban Development**  
Office of Fair Housing  
and Equal Opportunity

OMB Approval No. 2529-0043  
(exp. 8/31/2007)

HUD Field Office:

See back of page for Public Reporting Burden statement

|                                                         |                                                 |                               |
|---------------------------------------------------------|-------------------------------------------------|-------------------------------|
| 1. Recipient Name & Address: (street, city, state, zip) | 2. Federal Identification: (contract/award no.) | 3. Dollar Amount of Award:    |
|                                                         | 4. Contact Person:                              | 5. Phone: (include area code) |
|                                                         | 6. Reporting Period:                            | 7. Date Report Submitted:     |
| 8. Program Code: *                                      | 9. Program Name:                                |                               |

**Part I: Employment and Training** (\*\* Include New Hires in columns E & F.)

| A<br>Job Category                 | B<br>Number of New Hires | C<br>Number of New Hires that are Sec. 3 Residents | D<br>% of Aggregate Number of Staff Hours of New Hires that are Sec. 3 Residents | E**<br>% of Total Staff Hours for Section 3 Employees and Trainees | F**<br>Number of Section 3 Employees and Trainees |
|-----------------------------------|--------------------------|----------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------|
| Professionals                     |                          |                                                    |                                                                                  |                                                                    |                                                   |
| Technicians                       |                          |                                                    |                                                                                  |                                                                    |                                                   |
| Office/Clerical                   |                          |                                                    |                                                                                  |                                                                    |                                                   |
| Construction by Trade (List Trade |                          |                                                    |                                                                                  |                                                                    |                                                   |
| Trade                             |                          |                                                    |                                                                                  |                                                                    |                                                   |
| Trade                             |                          |                                                    |                                                                                  |                                                                    |                                                   |
| Trade                             |                          |                                                    |                                                                                  |                                                                    |                                                   |
| Trade                             |                          |                                                    |                                                                                  |                                                                    |                                                   |
| Other (List)                      |                          |                                                    |                                                                                  |                                                                    |                                                   |
|                                   |                          |                                                    |                                                                                  |                                                                    |                                                   |
|                                   |                          |                                                    |                                                                                  |                                                                    |                                                   |
|                                   |                          |                                                    |                                                                                  |                                                                    |                                                   |
|                                   |                          |                                                    |                                                                                  |                                                                    |                                                   |
|                                   |                          |                                                    |                                                                                  |                                                                    |                                                   |
|                                   |                          |                                                    |                                                                                  |                                                                    |                                                   |
|                                   |                          |                                                    |                                                                                  |                                                                    |                                                   |
|                                   |                          |                                                    |                                                                                  |                                                                    |                                                   |
|                                   |                          |                                                    |                                                                                  |                                                                    |                                                   |
|                                   |                          |                                                    |                                                                                  |                                                                    |                                                   |
| Total                             |                          |                                                    |                                                                                  |                                                                    |                                                   |

**\*Program Codes**

1 = Flexible Subsidy  
2 = Section 202/811

3 = Public/Indian Housing

A = Development,  
B = Operation  
C = Modernization

4 = Homeless Assistance

4 = Homeless Assistance  
5 = HOME  
6 = HOME-State Administered  
7 = CDBG-Entitlement

8 = CDBG-State Administered

9 = Other CD Programs  
10 = Other Housing Programs

---

**Part II: Contracts Awarded**

---

## 1. Construction Contracts:

|                                                                                   |    |
|-----------------------------------------------------------------------------------|----|
| A. Total dollar amount of all contracts awarded on the project                    | \$ |
| B. Total dollar amount of contracts awarded to Section 3 businesses               | \$ |
| C. Percentage of the total dollar amount that was awarded to Section 3 businesses | %  |
| D. Total number of Section 3 businesses receiving contracts                       |    |

## 2. Non-Construction Contracts:

|                                                                                          |    |
|------------------------------------------------------------------------------------------|----|
| A. Total dollar amount of all non-construction contracts awarded on the project/activity | \$ |
| B. Total dollar amount of non-construction contracts awarded to Section 3 businesses     | \$ |
| C. Percentage of the total dollar amount that was awarded to Section 3 businesses        | %  |
| D. Total number of Section 3 businesses receiving non-construction contracts             |    |

---

**Part III: Summary**

Indicate the efforts made to direct the employment and other economic opportunities generated by HUD financial assistance for housing and community development programs, to the greatest extent feasible, toward low- and very low-income persons, particularly those who are recipients of government assistance for housing. (Check all that apply.)

- ☐ Attempted to recruit low-income residents through: local advertising media, signs prominently displayed at the project site, contacts with community organizations and public or private agencies operating within the metropolitan area (or nonmetropolitan county) in which the Section 3 covered program or project is located, or similar methods.
- ☐ Participated in a HUD program or other program which promotes the training or employment of Section 3 residents.
- ☐ Participated in a HUD program or other program which promotes the award of contracts to business concerns which meet the definition of Section 3 business concerns.
- ☐ Coordinated with Youthbuild Programs administered in the metropolitan area in which the Section 3 covered project is located.
- ☐ Other; describe below.

---

Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This agency may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u., mandates that the Department ensure that employment and other economic opportunities generated by its housing and community development assistance programs are directed toward low- and very low-income persons, particularly those who are recipients of government assistance for housing. The regulations are found at 24 CFR Part 135. The information will be used by the Department to monitor program recipients' compliance with Section 3, to assess the results of the Department's efforts to meet the statutory objectives of Section 3, to prepare reports to Congress, and by recipients as a self-monitoring tool. The data is entered into a data base and will be analyzed and distributed. The collection of information involves recipients receiving Federal financial assistance for housing and community development programs covered by Section 3. The information will be collected annually to assist HUD in meeting its reporting requirements under Section 808(e)(6) of the Fair Housing Act and Section 916 of the HCDA of 1992. An assurance of confidentiality is not applicable to this form. The Privacy Act of 1974 and OMB Circular A-108 are not applicable. The reporting requirements do not contain sensitive questions. Data is cumulative; personal identifying information is not included.

**Instructions:** This form is to be used to report annual accomplishments regarding employment and other economic opportunities provided to low- and very low-income persons under Section 3 of the Housing and Urban Development Act of 1968. The Section 3 regulations apply to any **public and Indian Housing programs** that receive: (1) development assistance pursuant to Section 5 of the U.S. Housing Act of 1937; (2) operating assistance pursuant to Section 9 of the U.S. Housing Act of 1937; or (3) modernization grants pursuant to Section 14 of the U.S. Housing Act of 1937 and to **recipients of housing and community development assistance in excess of \$200,000** expended for: (1) housing rehabilitation (including reduction and abatement of lead-based paint hazards); (2) housing construction; or (3) other public construction projects; and to **contracts and subcontracts in excess of \$100,000** awarded in connection with the Section-3-covered activity.

Form HUD-60002 has three parts which are to be completed for all programs covered by Section 3. Part I relates to **employment and training**. The recipient has the option to determine numerical employment/training goals either on the basis of the number of hours worked by new hires (columns B, D, E and F) or the number of new hires utilized on the Section 3 covered project (columns B, C and F). Part II of the form relates to **contracting**, and Part III summarizes recipients' **efforts** to comply with Section 3.

Recipients or contractors subject to Section 3 requirements must maintain appropriate documentation to establish that HUD financial assistance for housing and community development programs were directed toward low- and very low-income persons.\* A recipient of Section 3 covered assistance shall submit two copies of this report to the local HUD Field Office. Where the program providing assistance requires an annual performance report, this Section 3 report is to be submitted at the same time the program performance report is submitted. Where an annual performance report is not required, this Section 3 report is to be submitted by January 10 and, if the project ends before December 31, within 10 days of project completion. **Only Prime Recipients are required to report to HUD. The report must include accomplishments of all recipients and their Section 3 covered contractors and subcontractors.**

HUD Field Office: Enter the Field Office name forwarding the Section 3 report.

1. Recipient: Enter the name and address of the recipient submitting this report.
2. Federal Identification: Enter the number that appears on the award form (with dashes). The award may be a grant, cooperative agreement or contract.
3. Dollar Amount of Award: Enter the dollar amount, rounded to the nearest dollar, received by the recipient.
- 4 & 5. Contact Person/Phone: Enter the name and telephone number of the person with knowledge of the award and the recipient's implementation of Section 3.
6. Reporting Period: Indicate the time period (months and year) this report covers.
7. Date Report Submitted: Enter the appropriate date.

Submit two (2) copies of this report to the HUD Field Office of Fair Housing and Equal Opportunity, Program Operations and Compliance Center Director, at the same time the performance report is submitted to the program office. For those programs where such a report is not required, the Section 3 report is submitted by January 10. Include only contracts executed during the reporting period specified in item 8. PHAs/HAs are to report all contracts/subcontracts.

\* The terms "low-income persons" and "very low-income persons" have the same meanings given the terms in section 3(b)(2) of the United States Housing Act of 1937. **Low-income persons** mean families (including single persons) whose incomes do not exceed 80 per centum of the median income for the area, as determined by the Secretary, with adjustments for

8. Program Code: Enter the appropriate program code as listed at the bottom of the page.

9. Program Name: Enter the name of the HUD Program corresponding with the "Program Code" in number 8.

#### **Part I: Employment and Training Opportunities**

**Column A:** Contains various job categories. Professionals are defined as people who have special knowledge of an occupation (i.e., supervisors, architects, surveyors, planners, and computer programmers). For construction positions, list each trade and provide data in columns B through F for each trade where persons were employed. The category of "Other" includes occupations such as service workers.

**Column B:** Enter the number of new hires for each category of workers identified in **Column A** in connection with this award. New Hire refers to a person who is not on the contractor's or recipient's payroll for employment at the time of selection for the Section 3 covered award or at the time of receipt of Section 3 covered assistance.

**Column C:** Enter the number of Section 3 new hires for each category of workers identified in **Column A** in connection with this award. Section 3 new hire refers to a Section 3 resident who is not on the contractor's or recipient's payroll for employment at the time of selection for the Section 3 covered award or at the time of receipt of Section 3 covered assistance.

**Column D:** Enter the percentage of all the staff hours of new hires (Section 3 residents) in connection with this award.

**Column E:** Enter the percentage of the total staff hours worked for Section 3 employees and trainees (including new hires) connected with this award. Include staff hours for part-time and full-time positions.

**Column F:** Enter the number of Section 3 residents that were employed and trained in connection with this award.

#### **Part II: Contract Opportunities**

##### **Block 1: Construction Contracts**

Item A: Enter the total dollar amount of all contacts awarded on the project/program.

Item B: Enter the total dollar amount of contracts connected with this project/program that were awarded to Section 3 businesses.

Item C: Enter the percentage of the total dollar amount of contracts connected with this project/program awarded to Section 3 businesses.

Item D: Enter the number of Section 3 businesses receiving awards.

##### **Block 2: Non-Construction Contracts**

Item A: Enter the total dollar amount of all contacts awarded on the project/program.

Item B: Enter the total dollar amount of contracts connected with this project awarded to Section 3 businesses.

Item C: Enter the percentage of the total dollar amount of contracts connected with this project/program awarded to Section 3 businesses.

Item D: Enter the number of Section 3 businesses receiving awards.

#### **Part III: Summary of Efforts - Self-explanatory**

smaller and larger families, except that the Secretary may establish income ceilings higher or lower than 80 per centum of the median for the area on the basis of the Secretary's findings such that variations are necessary because of prevailing levels of construction costs or unusually high- or low-income families. **Very low-income persons** mean low-income families (including single persons) whose incomes do not exceed 50 per centum of the median family income for the area, as determined by the Secretary with adjustments for smaller and larger families, except that the Secretary may establish income ceilings higher or lower than 50 per centum of the median for the area on the basis of the Secretary's findings that such variations are necessary because of unusually high or low family incomes.

## SECTION 3 CLAUSE

All Section 3 covered 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 by 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 (i) 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).



## ATTACHMENT F: CONFLICT OF INTEREST / NON-COLLUSION AFFIDAVIT

State of \_\_\_\_\_:

S.S.

County of \_\_\_\_\_:

I, \_\_\_\_\_ of

\_\_\_\_\_  
(Name of Company/Firm)

And that I am authorized to make this affidavit on behalf of my firm, its owner, directors and officers. I am the person responsible in my firm for the price(s) and the amount of the bid.

I state:

1. This company, corporation, firm, partnership or individual has not prepared this proposal in collusion with any other provider, and the contents of this proposal as to prices, terms or conditions of said proposal have not been communicated by the undersigned nor by any employee or agent to any other person in this type of business prior to the official opening of this proposal.
2. No attempt has been made or will be made to induce any firm or person to refrain from bidding on this contract, or to submit a bid higher than this bid, or to submit any intentionally high or noncompetitive or other form of complementary bid.
3. \_\_\_\_\_, its affiliates, subsidiaries, officers, directors and employees are not currently under investigation by any governmental agency and have not in the last four years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to bidding on any public contract.
4. This company, corporation, firm, partnership or individual is fully aware that this contract is wholly or partially federally funded, and further, by submission of the bid or proposal that the individual or form certifies that there is no conflict of interest with any public official, employee, agency, commission, or committee with the GCLBA.

I state that \_\_\_\_\_ understands and

(Name of my Company/Firm)



Acknowledges that the above representations are material and important, and will be relied on by the Genesee County Land Bank Authority in awarding the contract(s) for which this bid is submitted. I understand and my firm understands that misstatements in this affidavit is and shall be treated as fraudulent concealment from the Genesee County Land Bank Authority of the true facts relating to the submission bids for this contract.

**SIGNATURE SECTION**

|                            |                      |
|----------------------------|----------------------|
| <hr/>                      |                      |
| (Signature)                | (Title)              |
| <hr/>                      |                      |
| (Company Name)             | (Street / P. O. Box) |
| <hr/>                      |                      |
| (Company Telephone Number) | (City) (State) (Zip) |

**NOTARIZATION SECTION**

Subscribed and sworn to before me this \_\_\_\_\_ Day of \_\_\_\_\_, 20\_\_\_\_\_

|                         |                        |
|-------------------------|------------------------|
| <hr/>                   | <hr/>                  |
| Notary Public Signature | My Commission Expires: |



## ATTACHMENT G: CERTIFICATION FORM OF BUSINESS ENTERPRISE

**Company Name:** \_\_\_\_\_

**Business Enterprise Status:**

Check all that apply:    MBE \_\_\_\_\_    WBE \_\_\_\_\_    SBE \_\_\_\_\_

                 LBE \_\_\_\_\_    DVBE \_\_\_\_\_    OBE \_\_\_\_\_

**Ethnicity of Owner (s):**

Check all that apply:    White \_\_\_\_\_    Black \_\_\_\_\_    Hispanic \_\_\_\_\_

                 Asian \_\_\_\_\_    Native American \_\_\_\_\_

I undersigned, certify the above information to be accurate and is satisfied that the above company meets the requirements for self-certification as an MBE, WBE, SBE, LBE, DVBE, and/or OBE.

Signed this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_  
Contractor Name (please print)

\_\_\_\_\_  
Contractor Signature

*(See other side for explanation)*



## **Explanation of Business Enterprise Status**

A Minority Business Enterprise (MBE) is a business entity which is at least 51% owned by one or more minorities who are citizens or lawful permanent residents of the United States and a member of a recognized ethnic or racial group.

A Women Business Enterprise (WBE) is a business entity at least 51% owned by one or more women who are citizens or lawful permanent residents of the United States.

An Other Business Enterprise (OBE) is any business which does not otherwise qualify as a Minority or Women Business Enterprise.

A Small Business Enterprise (SBE) is an independently owned and operated business; with 50 or fewer employees and net profits of 100,000 or less.

A Local Business Enterprise (LBE) is a business entity whose principal place of business is located within the boundaries of Genesee County.

A Disabled Veteran Business Enterprise (DVBE) is a business concern certified by the administering agency as meeting all of the following: 1) a veteran of the military, naval, or air service of the United States with a service-connected disability of at least 10 percent, and who is also a resident of California, 2) one or more disabled veterans own 51% percent of the firm, 3) the management and control of the daily business operations are by one or more disabled veterans, and 4) it is a sole proprietorship corporation or partnership with its home office located in the United States and is not a subsidiary of a foreign firm.



**Michigan Employers  
and the MEDC**

...Working Together!

# Community Ventures

*Michigan employers and the Michigan Economic Development Corporation  
... a unique partnership to provide jobs for structurally unemployed individuals.*

Here's how the wage incentive  
works for your full-time,  
permanent employees:

*Community Ventures  
Monthly Wage Incentive  
\$500 x Number of  
Employees*

### Monthly Example

\$10 x 160 hours

**Monthly Wages  
= \$1,600**

**\$1,600 - \$500 = \$1,100**

**Your Monthly Wage Cost  
= \$1,100**

\*\*\*\*\*

### Examples of Annual Grant Awards

*Grant amount your company  
could receive based on number of  
employees who are eligible for the  
Community Ventures program.*

|                |           |
|----------------|-----------|
| 5 employees =  | \$25,000  |
| 10 employees = | \$50,000  |
| 15 employees = | \$75,000  |
| 20 employees = | \$100,000 |
| 25 employees = | \$125,000 |
| 100 employees= | \$500,000 |

## Advantages for Employers

**Employer Wage Incentive** Under Community Ventures' guidelines, Michigan employers who agree to hire structurally unemployed people (from key target communities) in permanent, full-time positions will **receive a one-time \$5,000 wage reimbursement incentive for each employee. The grant is paid in monthly installments.**

**Pre-Screened Talent** Community Ventures is designed to ensure that both employers and companies are well-matched. Community Ventures works with the local Michigan Works agencies to provide job applicants who reside in target areas. **In the Flint area the target areas are Flint, Burton, Mt. Morris, and Mt. Morris Township.** Michigan Works will pre-screen applicants for you to interview.

**Employee Retention Services** Another key component of our program is the availability of **supportive services and resources** to help individuals who are hired at your company to remain successfully employed.

**Streamlined Process** Our wage reimbursement process is streamlined to make it as easy as possible for employers. **We require a monthly wage verification form with copies of pay stubs for each employee and an invoice on your company's letterhead.**

### Contact

Valerie Jemerson, Project Coordinator-Flint  
Community Ventures  
810-233-5627, extension 140  
517-488-5101 (cell)  
jemersonv@michigan.org

# ATTACHMENT – I

Changes to the Hardest Hit Fund Demolition Program  
*for*  
Demolition and Abatement Contractors

## EXHIBIT #1

### FRAUD WASTE AND ABUSE AFFIDAVIT FORM

I, John Hancock, as an authorized representative of A & J Demolition Company  
(the “**Demolition Contractor and/or Abatement Contractor**”), hereby certify that the Contractor has  
been retained by the Genesee County Land Bank Authority (Blight Partner) to demolish and/or abate  
certain residential structures in Flint (City or County). I acknowledge on behalf of the Demolition  
and/or Abatement Contractor that all or a portion of that demolition and/or abatement may be  
financed by the Michigan Homeowner Assistance Nonprofit Housing Corporation (“MHA”) through its  
Help for Hardest Hit Demolition program. I certify that the Demolition and/or Abatement Contractor  
has received a copy of MHA’s policy on fraud waste and abuse. The Demolition and/or Abatement  
Contractor will report any instances of suspected misconduct, fraud, waste, or abuse to MHA at:

Step Forward Michigan

ATTN: FWA Review

P.O. Box 30632

Lansing, MI 48909-8132

Dated: \_\_\_\_\_

John Hancock  
(Print name of Contractor)

By: \_\_\_\_\_  
(Signature of Contractor)

Its: Authorized Representative

# ATTACHMENT – I

## Changes to the Hardest Hit Fund Demolition Program *for* Demolition and Abatement Contractors

### EXHIBIT #2

#### **MICHIGAN HOMEOWNER ASSISTANCE NONPROFIT HOUSING CORPORATION (MHA) MISCONDUCT, FRAUD, WASTE, AND ABUSE POLICY**

Demolition and Abatement Contractors must comply with the following Michigan State Housing Development Authority (MSHDA), and Michigan Homeowner Assistance Nonprofit Housing Corporation (MHA) misconduct, fraud, waste, and abuse policy:

##### **Misconduct, Fraud, Waste and Abuse Policy:**

In an effort to deter misconduct, fraud, waste and abuse, and to ensure that HHF funds are spent in the most responsible manner, MHA will closely monitor all transactions. This includes, but is not limited to, analyzing demolition costs based on size of structure and reasonableness compared to other work being done in each city and other areas of the state. Any and all questionable transactions will be brought to the attention of the GCLBA and additional justification may be requested. Any problems identified will immediately be brought to the attention of MHA management, who will be provided with detailed information and any materials used to make the claim of misconduct, fraud, waste and abuse. Further disclosure will be made as appropriate to U.S. Treasury, MSHDA's legal team, Michigan's Attorney General's office, and other relevant law enforcement organizations. Action taken may include but is not limited to criminal prosecution, debarment of individuals or organizations, and suspension of any future funding.

## ATTACHMENT J: DEBARMENT CERTIFICATION

BID# \_\_\_\_\_

### Certification Regarding Debarment, Suspension, and Other Responsibility Matters

The prospective participant certifies, to the best of its knowledge and belief, that it and its principals:

- (1) Are not presently or proposed to be debarred or suspended, declared ineligible, or voluntarily excluded from federal, state, or local (hereinafter "public") transactions;
- (2) Have not within a three year period preceding this Agreement been convicted of or had a civil judgment rendered against them for
  - (i) Fraud or commission of a criminal offence in connection with obtaining, attempting to obtain, or performing a public transaction or contract under a public transaction,
  - (ii) Violation of federal or state antitrust laws, or
  - (iii) Embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;
- (3) Have not within the preceding three years had a public transaction terminated for cause or default; and
- (4) Are not presently indicted for or otherwise criminally or civilly charged by a public entity with commission of any of the offenses enumerated under the above.

I understand that a false statement on this certification may be grounds for the rejection of this proposal or the termination of the award.

\_\_\_\_\_  
Name and Title of Authorized Representative

\_\_\_\_\_  
Name of Participant Agency or Firm

\_\_\_\_\_  
Signature of Authorized Representative

\_\_\_\_\_  
Date

☐ I am unable to certify to the above statement. Attached is my explanation.



# APPENDICES

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1. SCOPE OF WORK
2. MDEQ – NESHAP PROGRAM
3. MAP AND BOUNDARIES OF TARGET AREA
4. FEDERAL AND COUNTY REGULATIONS
5. SAMPLE CONTRACT, PAYMENT REQUEST PACKET, ATTESTATION FORM
6. EXAMPLE ABATEMENT SUMMARY SHEET
7. EXAMPLE BACKFILL & TOP SOIL SAMPLING AND CERTIFICATION FORMS
8. EVALUATION CRITERIA & SCORING
9. SAMPLE INVOICES – DEMOLITION CONTRACTOR & ABATEMENT SUBCONTRACTOR
10. GCLBA DOOR HANGER WITH PLACEMENT EXAMPLE
11. GCLBA PRE-ABATEMENT & PRE-DEMOLITION WALKTHROUGH FORM
12. GCLBA PAYMENT REQUEST PACKET

## **APPENDIX 1 – SCOPE OF WORK**

APPENDIX 1A: Scope of Work  
*Residential/Commercial Environmental Abatement & Disposal*

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*Demolition of Residential & Commercial Structures*

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RESIDENTIAL/COMMERCIAL ENVIRONMENTAL ABATEMENT & DISPOSAL

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## SECTION 1 – SUMMARY OF WORK

### RESIDENTIAL/COMMERCIAL ENVIRONMENTAL ABATEMENT AND DISPOSAL

#### PART 1 PROJECT/SITE CONDITIONS

##### A. General requirements

The work covered by this section includes the abatement and disposal of asbestos and potentially environmentally hazardous material located on selected tax-reverted and/or blighted residential/commercial properties owned by Genesee County and Land Bank or other local municipality. The purpose of the abatement and disposal is to properly remove asbestos and environmental hazardous materials/waste concerns associated with the residential/commercial properties prior to the structures being demolished or rehabilitated.

##### B. Responsibility

It shall be the responsibility of the Contractor to review the specifications; the conditions, and the relative difficulty thereof, which are present and that may affect results of the environmental abatement measures.

Bidders can request access to pre-demolition surveys by emailing request to Genesee County Land Bank Authority (GCLBA) staff identified in the Request for Proposals (RFPs). Bidders will be invited to review information via Box.com.

**Change Orders will not be approved for this project.**

##### C. Knowledgeable Person

It shall be the Contractor's responsibility to assure that the abatement measures and disposal of material is supervised by individuals certified and knowledgeable on the State of Michigan and local regulations in such endeavors. Such persons shall comply with the appropriate Federal, State, and local regulations that mandate work practices and shall be capable of performing the work under this contract.

##### D. Supplying Necessary Items

The Contractor shall be responsible for supplying all labor, material, equipment, services, insurance, bonds and all incidentals which are necessary or required to perform the Work in accordance with applicable regulations and these specifications.

##### E. Liability

The Contractor shall assume full responsibility and liability for the compliance with all Federal, State, regional and local regulations pertaining to work practices, confined spaces, hauling, disposal and protection of workers, visitors to the site. This shall include Hazard Communication to workers and visitors of the work site (29 CFR 1926.59).

Furnish Certificates of Insurance which specifically set forth evidence of all coverage required of the Contractor and Sub-Contractor(s) prior to commencement of work. Certificates shall be sent to the Genesee County Land Bank, 452 S. Saginaw St., Second Floor Flint, MI 48502. Furnish to the GCLBA copies of all endorsements that are subsequently issued amending coverage or limits.

F. Hazardous and Other Waste Disposal

Waste shall be defined in accordance with applicable regulations under State and Federal law.

Hazardous Waste Exemption for Household Waste

Based on consultation with the Michigan Department of Environmental Quality, the Administrative Rules of Part 111, Hazardous Waste Management, of the NREPA, PA 451, 1994 ([http://www.michigan.gov/deq/0,4561,7-135-3312\\_4118\\_4240---,00.html](http://www.michigan.gov/deq/0,4561,7-135-3312_4118_4240---,00.html)) excluded from the definition of hazardous wastes are the following:

**R 299.9204 Exclusions.**

*(2) The following wastes are not hazardous wastes for the purposes of part 111 of the act and these rules:*

*(a) Household waste, including household waste that has been collected, transported, stored, treated, disposed of, recovered, or reused. Household waste means any waste material, including garbage, trash, and sanitary wastes in septic tanks, that is derived from households, including single and multiple residences, hotels and motels, bunkhouses, ranger stations, crew quarters, campgrounds, picnic grounds, and day-use recreation areas. A resource recovery facility that manages municipal waste shall not be deemed to be treating, storing, disposing of, or otherwise managing hazardous wastes for the purposes of regulation pursuant to these rules if the facility is in compliance with both of the following provisions.*

Given the above exclusion, materials that are removed from the homes as part of the demolition are solid waste, not hazardous waste, and must be disposed of in accordance with Part 115, Solid Waste Management, of the NREPA. This means that, at a minimum, the material must be disposed of in a type II landfill or municipal solid waste incinerator. These materials could also go to a Household Hazardous Waste facility or a licensed treatment, storage, and disposal facility.

Regardless of the above exemption, the GCLBA has decided to divert certain waste from landfill disposal and therefore will identify select materials at each structure, which will require manifesting and transportation to a licensed treatment, storage, or disposal facility or other appropriate disposal location. These materials include, but are not limited to mercury, tires, solvents, CFCs, refrigerants, automotive batteries, and certain types/quantities of oils, automotive fluids, paints, pesticides, etc.

The transportation of solid waste does not require any special licensing from the MDEQ. If the materials are left in the home when it is demolished, the demolition debris must be disposed of in a type II landfill as well.

The above exemption is not applicable to commercial demolitions or residential demolitions where commercial operations occurred or commercial quantities of hazardous materials are present.

#### Site Specific Pre-Demolition Inspection/Hazardous Materials Survey

A site specific Pre-Demolition Inspection/Hazardous Materials Survey will be prepared by others. Regardless of the above exemption, the GCLBA will require proper manifesting treatment, disposal, or recycling of specified materials. The survey report will identify the site specific environmentally hazardous material/wastes requiring packaging, transportation, manifesting, and disposal prior to demolition, in accordance with these specifications. At residential structures, materials not defined within the survey report shall remain in the structure during the demolition and be disposed of in accordance with applicable regulations.

If the Contractor identifies additional waste materials or has a question regarding the quantity of materials defined in the survey report, the Contractor shall contact the GCLBA prior to proceeding with any additional work. No payment adjustments in excess of the quantities identified in the hazardous materials survey shall be made by the GCLBA without prior written authorization.

#### G. Use of Site and Other Areas

##### 1. Limitation on Use of Site and Other Areas:

- I. Contractor shall confine construction equipment, the storage of materials and equipment, and the operations of workers to the Site and other areas permitted by Laws and Regulations, and shall not unreasonably encumber the Site and other areas with construction equipment or other materials or equipment. Contractor shall assume full responsibility for any damage to any such land or area, or to the owner or occupant thereof, or of any adjacent land or areas resulting from the performance of the Work.
- II. Should any claim be made by any such owner or occupant because of the performance of the Work, Contractor shall promptly settle with such other party by negotiation or otherwise resolve the claim by arbitration or other dispute resolution proceeding or at law.
- III. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless the GCLBA, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of, attorneys, and other professionals and all court or arbitration or other dispute

resolution costs) arising out of or relating to any claim or action, legal or equitable, brought by any such owner or occupant against the GCLBA, or any other party indemnified hereunder to the extent caused by or based upon Contractor's performance of the Work.

2. Removal of Debris During Performance of the Work: During the progress of the Work Contractor shall keep the Site and other areas free from accumulations of waste materials, rubbish, and other debris. Removal and disposal of such waste materials, rubbish, and other debris shall conform to applicable Laws and Regulations.
3. Cleaning: Prior to Substantial Completion of the Work Contractor shall clean the Site and the Work and make it ready for utilization by the GCLBA and its Contractors and/or potential buyer or lessor. At the completion of the Work Contractor shall remove from the Site all tools, appliances, construction equipment and machinery, and surplus materials and shall restore to original condition all property not designated for alteration by the Contract Documents.
4. Boarding of Windows and/or Doors: At the completion of the Work Contractors shall replace all boards to windows and doors. If decorative boarding is on structure, contractor shall make all efforts possible to avoid damaging these boards. Decorative boarding will be retrieved by community groups prior to demolition.

## **PART 2 DESCRIPTION OF WORK**

The Work covered by this section includes the abatement and disposal of asbestos containing material and environmentally hazardous material/wastes located on residential/commercial properties scheduled for demolition or rehabilitation in the City of Flint and/or Genesee County.

### **SUMMARY OF WORK**

#### **A. Hazardous Materials/Waste Disposal**

1. Contractors will be authorized by the GCLBA to proceed on the removal and disposal of environmentally hazardous materials from specific residential/commercial structures.
2. Each residential/commercial building has been surveyed and inspected for the presence of hazardous materials/waste including but not limited to one or more of:
  - a. Asbestos Containing Building Materials
  - b. Pesticides/Herbicides
  - c. Fluorescent Light Bulbs
  - d. Fluorescent Light Fixture Ballasts
  - e. Mercury Switches

- f. Fuels/Solvents/Oils
- g. Underground Storage Tanks
- h. Aboveground Storage Tanks
- i. Refrigerators/Air Conditioners/Freezers
- j. Tires

The Contractor shall properly remove, pack, and dispose of these in accordance with all applicable current regulations.

4. A site specific Pre-Demolition Inspection/Hazardous Materials Survey will be prepared by others for each structure.
5. The Pre-Demolition Inspection/Hazardous Materials Survey will document the presence of each material/waste identified, the location and quantity of each material/waste.
6. Contractor is to visit each site prior to submitting quotes in order to arrive at a clear understanding of the conditions under which the work is to be done and to make their own determination as to the amount of asbestos and/or hazardous materials to be removed from the sites. Contractor will be held responsible to have compared the premises with the hazardous materials survey, drawings, specifications, or other provided items, and to have satisfied himself as to all conditions affecting the execution of the work.
7. Change Orders will not be approved for this project. When submitting pricing proposals Bidders must ensure prices quoted allow for the removal of additional materials without a change order as no changes will be accepted barring discovery of material whose removal requires substantial work.
8. Following authorization to proceed, Contractor shall remove all specified asbestos, hazardous materials, and other materials banned from landfill disposal, regardless of the estimated quantities provided in the Hazardous Materials Survey Report.
9. No payment adjustments in excess of the quantities identified in the hazardous materials survey shall be made by the GCLBA without prior written authorization. Deviations from the hazardous materials survey shall be submitted to the Demolition Program Coordinator: Genesee County Land Bank, 452 South Saginaw Street, Flint, Michigan 48502, (810) 257-3088.
10. A summary of hazardous materials within each structure will also be provided in an electronic spreadsheet. Following abatement and removal, Contractor shall provide to GCLBA all actual quantities on a per unit basis. Contractor shall submit the inventory of actual quantities removed in hardcopy and electronic format. Reporting formats shall be provided by the GCLBA.
11. Contractor shall submit invoices on a per unit basis. Invoices formats shall be pre-approved by the GCLBA with required supporting documentation.



### **PART 3 PRE-WORK SUBMITTALS**

The Contractor will submit a Work Plan to the Professional to include the following:

A. Work Plan

1. Address Specific Schedule and sequence of work.
2. Sampling and analysis protocols.
3. Quality Control procedures

B. Health and Safety Plan

A written Health and Safety Plan (HASP) shall be submitted prior to the start of Work. The HASP must be prepared to comply with the appropriate Federal, State, and local regulations, which mandate work practices. This plan must be submitted in writing to the Project Manager prior to the start of any site work.

### **PART 4 HAZARDOUS MATERIAL/WASTE COLLECTION AND DISPOSAL**

- A. The Contractor is responsible for providing the appropriate packaging to transport the materials/wastes from each site in accordance with all applicable state and federal laws.
- B. Pack and properly dispose of waste identified during the environmental inspections. Include laboratory analysis for characterization if necessary. (55 gallon drums properly labeled shall be used for packing material). Documentation tracking waste from site to disposal is required for payment.
- C. If applicable, all materials/wastes must be segregated and packaged according to the applicable hazardous class (i.e., flammables, corrosives, etc.) before leaving an individual site. Materials may be combined (lab packed) from site to site according to hazard class. Certain items can be disposed of as solid waste or recycled as appropriate.
- D. The Contractor is responsible for preparing the proper shipping papers necessary to transport the materials from each individual site at the time the materials leave the site.
- E. If it is necessary for the Contractor to store the materials/wastes overnight to facilitate lab packing or disposal, the materials can only be stored in accordance with applicable regulations.
- F. The shipping papers will be carried at all times by the transporter when moving the materials/wastes on public roadways.
- G. The Contractor will conform to all necessary vehicles placarding when transporting materials.
- H. The Contractor will maintain a separate inventory sheet (trip log) for each property that hazardous materials/wastes are removed in accordance with the Michigan Department of Environmental Quality Operation Memo 121-3, Revised part 121

Consolidated Manifest Management Procedures and in accordance with the Michigan Department Of Environmental Quality Hazardous Waste, Liquid Industrial Waste, and PCB Manifest Requirements (Rev October 22, 2007). The records must indicate the property address, type and quantity of materials/waste removed.

## **PART 5 TECHNICAL**

### **A. DESCRIPTION**

Environmentally Hazardous Material Removal and Disposal

- 1) It shall be the responsibility of Contractor to remove and dispose of material identified in the pre-demolition inspection/hazardous materials survey of structures as being environmentally hazardous. Contractor shall remove all specified asbestos, hazardous materials, and other materials banned from landfill disposal, regardless of the estimated quantities provided in the Hazardous Materials Survey Report. Adjustments shall be included in the final total quantity reported by the Contractor; however, no payment adjustments in excess of the quantities identified in the hazardous materials survey shall be made by the GCLBA without prior written authorization.

### **B. SUMMARY**

This section includes the following:

- 1) Removal and disposal of potentially environmentally hazardous material.

### **C. SUBMITTALS**

- 1) Upon completion of the material/waste collection and disposal the Contractor will provide a separate Inventory Sheet for each property that materials/wastes were removed. Asbestos and hazardous materials removed must be itemized for each structure on a per unit basis.

The Inventory Sheet will be supported by the following paperwork (as applicable to the individual property).

- a. A copy of the disposal manifest and/or shipping papers used to dispose of materials/wastes from each disposal/recycling facility.
  - b. A copy of the CFC recovery certificate signed and certified by the licensed CFC recovery professional.
  - c. A copy of the scrap metal receipt for AST/USTs and other metals.
  - d. A copy of the Scrap Tire Transportation Record (MDEQ Form EQP5128 (12/15)) signed by the "SCRAP TIRE END USER/PROCESSOR/DISPOSER".
- 2) Landfill records for record purposes indicating receipt and acceptance of asbestos materials by a landfill facility licensed to accept such wastes.
    - a. Contractor shall supply GCLBA with a copy of all landfill, recycling, weight tickets, disposal receipts, manifests and other documentation relating to the

removal and disposal of asbestos and hazardous materials/specified wastes from the properties.

- b. **Landfill receipts/waste manifests must be submitted to the Land Bank within 10 days with invoice at the completion of project.**

D. HAZARDOUS CONDITIONS:

- 1) The Contractor will be authorized to perform work at properties identified to contain potentially environmentally hazardous material. The contractor will be required to remove and dispose of such materials as directed by the GCLBA. **With few exceptions, it is the policy and practice of the GCLBA to abate what can feasibly be abated despite the condition of the structure, whether or not a structure will ultimately be demolished as asbestos containing. Conditions inhibiting the abatement of identified materials must be thoroughly documented and explained. Exceptions may be made in the case of roofing materials in good condition and in cases where a composite sample of drywall and joint compound contain less than 1% asbestos. Contractor will remove all identified ACM unless otherwise directed by the Land Bank.**
- 2) The pre-demolition survey will have identified potentially environmentally hazardous material. These items may include but not be limited to the following: flammables, fuels/waste oils, thinners/paints/solvents; underground storage tanks; pesticides; mercury switches, fluorescent light bulbs, etc. These items are to be removed and disposed by a licensed contractor familiar with the proper procedures. These materials are required to be characterized and placed with like materials in clearly marked 55 gallon drums or other containers and disposed of properly prior to any site demolition work.
- 3) Contractor shall supply GCLBA with a copy of all landfill, recycling, weight tickets, disposal receipts, manifests and other documentation relating to the removal and disposal of asbestos and waste materials from the properties.

E. CERTIFICATION OF PROPERTY

- 1) Contractor shall notify owner/owner's representative in writing when each specific listed property has been mitigated of potentially environmentally hazardous material within 24 hours of completion of said work.
- 2) Contractor shall revise Notification of Intent to Renovate/Demolish through the Asbestos Notification System (ANS) website and upload pictures certifying the completion of mitigation of asbestos and waste materials. **Contractor must submit a 10-day NESHAP notification for Asbestos Containing Materials (ACM). NO EXCEPTIONS!**
- 3) **Contractor shall take photos documenting the removal of specified environmentally hazardous materials and upload to a file sharing site to be designated by the GCLBA.**

F. POLLUTION CONTROLS

(Revised 2-7-2018)

- 1) Under the authority of Section 112 of the Clean Air Act, as amended, 42 U.S. C. 1857 (C-7), the Administrator of the United States Environmental Protection Agency (EPA) promulgated National Emission Standards for Hazardous Air Pollutants on April 6, 1973, (38 F.R. 8820) Asbestos was designated a hazardous air pollutant, and standards were set for its use, and to control asbestos emissions. It was determined that one significant source of asbestos emissions was the demolition of certain buildings and structures.

Additionally, contractors are required under authority of Section 114 (a) to follow EPA personnel (or other authorized regulatory personnel) to freely enter any of your facilities or demolition sites, to review any records, inspect any demolition method, and sample or observe any omissions.

All demolition operations conducted by Contractor are to be in compliance with applicable provisions of Section 112 of the Act and 40 C.F.R. Section 61.22(d).

In addition, Section 113(c)(1) of the Act (42 U.S.C. 1857 C-8(c)(1), provides that any person who knowingly fails or refuses to comply with any such order shall be punished by a fine of not more than \$25,000 per day of violation, or by imprisonment for not more than one year, or by both.

Finally, Section 113(c)(2) of the Act (42 U.S.C. 1857 C-8(c)(2), provides that any person who knowingly makes any false statement in any report required under the Act shall be punished, upon conviction, by a fine of not more than \$10,000 or by imprisonment for not more than six months, or by both.

- 2) Use water mist, temporary enclosures, and other suitable methods to limit the spread of dust and dirt. Comply with governing environmental protection regulations.

Do not create hazardous or objectionable conditions, such as ice, flooding, and pollution, when using water.

- 3) Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
- 4) Clean adjacent buildings and improvements of dust, dirt and debris caused by demolition operations. Return adjacent areas to condition existing before start of demolition.
- 5) Contractor shall limit hours of operation to Monday through Saturday during the hours of 7:00 a.m. to 8:00 p.m. Special hours of operation outside the normal hours must be approved by the GCLBA. Contractor shall limit noise pollution at all times to prevent objectionable conditions.

## **PART 6 SUBMITTALS**

- A. In order to receive payment for completed work, all documentation must be submitted for each property/project individually.

- B. Payments will not be processed without receipt of waste manifest documenting proper disposal of waste.
- C. Request for Payment Packet must include:
  - 1. Request for Final Payment
  - 2. Sworn Statement – Must list all subcontractors
    - a. If sub-contracting, you must provide proof that the sub-contractor is:
      - i. Appropriately licensed (including licensure to transport waste or haul more than 7 scrap tires, if applicable) and,
      - ii. In compliance with the Michigan Workers’ Disability Compensation Act requirements and appropriately licensed.
  - 3. Waivers of Lien from yourself, as well Unconditional Waiver of Lien from all subcontractors listed on Sworn Statement
  - 4. Certified Payroll using Genesee County Prevailing Wage
  - 5. Invoice on Contractor’s Letterhead
  - 6. Pre-Abatement Walkthrough Form
  - 7. Before and After Photographs of the site (dated and labeled) uploaded to Box.com
  - 8. NESHAP Notification and MIOSHA Notification if required
  - 9. Air Sampling Results (for RACM)
  - 10. Field Report/Daily Log/ Inventory Sheet with supporting paperwork:
    - a. Abatement Summary sheet by individual project documenting per item identified and per item removed:
      - i. Quantities quoted
      - ii. Actual quantities removed
      - iii. Material Destination
      - iv. Associated Manifests/BOLs
      - v. Associates Receipts provided by final destination
    - b. A copy of the disposal manifest and/or shipping papers used to dispose of materials/wastes from each disposal/recycling facility.
      - i. A copy of the CFC recovery certificate signed and certified by the licensed CFC recovery professional.
      - ii. A copy of the scrap metal receipt for AST/USTs and other metals.
      - iii. A copy of the Scrap Tire Transportation Record (MDEQ Form EQP5128 (12/15)) signed by the “SCRAP TIRE END USER/PROCESSOR/DISPOSER”

**END OF SECTION**

## SECTION 2- ASBESTOS ABATEMENT & DISPOSAL SCOPE OF WORK

### PART 1 GENERAL

#### 1.01 SECTION INCLUDES

Removal and disposal requirements for asbestos containing materials (ACM). It is recommended that the contractor review and consider the recommendations reported in the Pre-Demolition Inspection/Hazardous Materials Survey when performing asbestos abatement and general building demolition activities. **With few exceptions, it is the policy and practice of the GCLBA to abate what can feasibly be abated despite the condition of the structure, whether or not a structure will ultimately be demolished as asbestos containing.**

**Conditions inhibiting the abatement of identified materials must be thoroughly documented and explained. Exceptions may be made in the case of roofing materials in good condition and in cases where a composite sample of drywall and joint compound contain less than 1% asbestos. Contractor will remove all identified ACM unless otherwise directed by the Land Bank.**

#### 1.02 REFERENCE STANDARDS

The publications listed below form a part of this Section to the extent referenced. The publications are referenced in the text by basic designation only.

- A. American Society for Testing and Materials (ASTM)
  - 1. ASTM E 736 (1986) Cohesion/Adhesion of Sprayed Fire-Resistive Materials Applied to Structural Members.
  - 2. ASTM 1368 (1990) Visual Inspection of Asbestos Abatement Projects.
- B. Code of Federal Regulations (CFR)
  - 1. CFR 29 Part 1926/1910 Construction Industry Occupational Safety and Health Standards.
  - 2. CFR 40 Part 61 National Emissions Standards for Hazardous Air Pollutants.
  - 3. CFR 40 Part 260 General Regulations for Hazardous Waste Management.
  - 4. CFR 40 Part 263 Standards Applicable to Transporters of Hazardous Waste.
  - 5. CFR 40 Part 763 Asbestos.
  - 6. CFR 49 CFR 171 Department of Transportation Regulations to Stipulate Requirements for Containers and Procedure for Shipment of Hazardous Waste.
- C. National Fire Protection Association (NFPA)
  - 1. NFPA 10 (1988) Portable Fire Extinguishers.
  - 2. NFPA 70 B (1990) Recommended Practice for Electrical Equipment Maintenance.
  - 3. NFPA 90A (1989) Installation of Air Conditioning and Ventilating Systems.
  - 4. NFPA 101 (1988) Safety to Life from Fire in Buildings and Structures.
  - 5. NFPA 90A (1989) Installation of Air Conditioning and Ventilating Systems.

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- D. National Institute of Occupational Safety and Health (NIOSH)
  - 1. NIOSH –01 Manual of analytical Methods
- E. State of Michigan
  - 1. P.A. Act 451, Michigan Natural Resources and Environmental Protection Act
  - 2. MIOSHA Act 154 General Industry and Construction (as amended) Safety Standards.
- F. United States Environmental Protection Agency (U.S. EPA)
  - 1. U.S. EPA SW-846, Test Methods for Evaluating Solid Waste.

#### 1.03 MEASUREMENT

The removal and disposal of ACM will be quoted rate. Estimated quantities of ACM will be provided in the Pre-Demolition Inspection/Hazardous Materials Survey. Contractor is responsible for verifying actual quantities and conditions prior to preparing bid.

#### 1.04 PAYMENT

All acceptably completed work as required under this Section for the removal and disposal of ACM found on site will be paid as bid and authorized. No payment will be made for work not completed.

#### 1.05 DEFINITIONS

- A. Friable Asbestos Containing Material  
As defined in 40 CFR Part 61, Subpart M, any material containing more than 1 percent asbestos as determined using the method specified in 40 CFR Part 763, Appendix A, Subpart F, Section 1, Polarized Light Microscopy, that when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.
- B. Nonfriable Asbestos Containing Material  
As defined in 40 CFR Part 61, Subpart M, any material containing more than 1 percent asbestos as determined using the method specified in 40 CFR Part 763, Appendix A, Subpart F, Section 1, Polarized Light Microscopy, that, when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure.
- C. Category I Nonfriable Asbestos Containing Material  
As defined in 40 CFR Part 61, Subpart M, asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1 percent asbestos as determined using the method specified in 40 CFR Part 763, Appendix A, Subpart F, Section 1, Polarized Light Microscopy, that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
- D. Category II Nonfriable Asbestos Containing Material  
As defined in 40 CFR Part 61, Subpart M, any material, except Category I nonfriable ACM, containing more than 1 percent asbestos as determined using the methods specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy, that when dry, cannot be crumbled, pulverized, or

reduced to powder by hand pressure.

- E. **Asbestos Regulated Work Area**  
An area contained and controlled where asbestos containing materials (ACM) operations are performed and isolated by physical boundaries to prevent the spread of ACM and control access to authorized persons. Containment may consist of full containment area, single or double bulkhead containment area, mini-containment area, modified containment, glove bag, or other techniques. An outdoor regulated work area is not isolated within a containment enclosure, but is otherwise secured by means of physical barriers, boundary warning tape, and signage, etc., to control access by unauthorized persons.
- F. **Time-Weighted Average**  
The Time Weighted Average (TWA) is an average of airborne concentration of fibers (longer than 5 micrometers) per cubic centimeter of air based on an 8-hour exposure duration, which represents the employee's 8-hour workday as defined in Appendix A of 29 CFR Part 1926, Section 1926.1101.
- G. **Amended Water**  
Water containing a wetting agent or surfactant with a surface tension of at least 29 dynes per square centimeter when tested in accordance with ASTM D 1331.
- H. **Adequately Wet**  
As defined in 40 CFR Part 61, Subpart M, sufficiently mix or penetrate with liquid to prevent the release of particulates from the source material. Continue wetting asbestos-containing material (ACM) if visible emissions are encountered during abatement activities. When uncertainties arise, continue wetting material until uncertainties diminish.
- I. **Competent Person**  
As defined in 29 CFR Part 1926, should be experienced in administering and supervising asbestos abatement projects. A competent person should be familiar with safe and reasonable work practices, abatement methods, protective measures for personnel, inspection of asbestos abatement work areas, evaluating the adequacy of containment barriers, placement and operation of local exhaust systems, waste containment and disposal procedures, decontamination units, and site health and safety health requirements. The designated "competent person" will be responsible for compliance with applicable local State, and Federal requirements and for enforcing the site-specific Health and Safety Plan (HASP).

#### 1.07 SUBMITTALS

- A. **Work Plan**  
Before proceeding with any removal and disposal work, submit an address specific work plan that includes the procedures proposed for the accomplishment of all specified activities. Indicate all materials to be removed and any materials that contractor intends to remain. The procedures shall

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provide for safe conduct of the work, careful removal and disposition of asbestos-containing materials, and property protection. The procedures shall provide a detailed description of the methods and equipment to be used for each operation, and the sequence of operations. The work plan shall be based on work experience, and the guidance provided in this specification.

- B. Health and Safety Plan  
Submit a Health and Safety Plan (HASP) before beginning removal or disposal activities. Include in the HASP required personal protective equipment, respiratory protection, asbestos regulated work area controls, and hazard communication program. Refer to Section 00100 for other HASP requirements.
- C. Qualifications  
Submit adequate information to conclude the qualifications of the Contractor, on-site supervisors, workers, all subcontractors, and the independent testing laboratory performing asbestos abatement activities are properly trained in safety procedures associated with handling asbestos-containing materials. Specify the staff organization to include subcontractors used for this project. Include qualifications and certifications of the designated "competent person."
- D. Air Sampling Results  
Conduct fiber counting for air quality during each sampling event. Provide results within 24 hours of completion of each sampling event. Notify the GCLBA immediately if any airborne levels of asbestos fibers are encountered above levels established in the HASP. Provide a table including sampling results within 10 working days of the date of collection. Provide a signature of the authorized representative of testing laboratory.
- G. Manifests  
Submit waste documentation for all shipments removed from the property. Waste disposal manifests will be signed by the GCLBA-appointed representative.

#### 1.08 REGULATORY REQUIREMENTS

- A. Permits  
Obtain all necessary permits and licenses for asbestos abatement activities. Provide all required pre-abatement notifications. Notify the State of Michigan, Michigan Department of Energy, Labor & Economic Growth, local agencies, and the GCLBA in writing at least 10 calendar days before beginning abatement activities. Where applicable, notify the Michigan Department of Environmental Quality in writing at least 10 business days before beginning abatement activities. Conduct all abatement activities in accordance with 40 CFR Part 61, Subpart M, state and local requirements to include the mandatory "Notification of Intent to Renovate/Demolish" form and other required notification documents.

- B. Health and Safety Compliance
- Comply with all applicable laws, ordinances, rules, regulations, whether stated or omitted from bidding documents. While conducting all handling, storing, transporting, and disposing activities for asbestos waste materials, comply with the applicable requirements of 29 CFR Part 1910, 29 CFR Part 1926, 40 CFR Part 61, Subpart A, and 40 CFR Part 61, Subpart M, NFPA 10, NFPA 70, NFPA 90A, NFPA 101. In case of a discrepancy between the requirements of this specification, applicable laws, rules, criteria, ordinances, regulations, and referenced documents vary, the most stringent requirement as determined by the GCLBA or GCLBA's Representative shall apply.
1. Air Monitoring
    - a. Conduct personal air sampling as defined by the previously noted regulations. Monitoring for of airborne asbestos fibers and lead dusts. Adhere to all permit and regulatory requirements for air quality.
  2. Respiratory Protection Program
    - a. Establish and implement a respiratory protection program in accordance with 29 CFR 1926, Section 1926.1101, 29 CFR Part 1910, Section 1910.134. Include medical monitoring, employee training, procedures for respirator use, respirator fit-testing, routine inspection, and storage. Select and use respirators in accordance with manufacturers' recommendations, Mine Safety and Health Administration, and the National Institute for Occupational Safety and Health requirements for use in environments containing airborne asbestos fibers.
  3. Training
    - a. All employees working directly with asbestos-containing material and wastes must have successfully completed a course of asbestos training as specified by United States Environmental Protection Agency (EPA) requirements at 40 CFR Part 763, Subpart E, Appendix C, within 1 year prior to conducting asbestos abatement activities. Each worker must successfully complete the "Worker" course, and on-site supervisors and technical support personnel must successfully complete the "Contractor/Supervisor" course.
  4. Medical Monitoring
    - a. Conduct medical monitoring requirements as described in 29 CFR Part 1926, Section 1926.1101 and the requirements of the Contractor's Health and Safety Plan found.

5. Personal Protective Equipment

- a. Provide personnel working in asbestos environments with whole body protection as specified in Section 01110, Health, Safety, and Emergency Response. Single-use coveralls shall be disposed as asbestos-contaminated waste upon exiting from the asbestos regulated work area.

1.09 PROJECT CONDITIONS

Site summaries and Pre-Demolition Inspection/Hazardous Materials Survey will be provided to Contractor at the time Contractor is authorized to proceed with abatement and disposal.

**PART 2 PRODUCTS**

2.01 MATERIALS

A. Wetting Agent

1. Amended Water

- a. Comply with ASTM D 1331.

2. Removal Encapsulant

- a. Provide a removal or penetrating encapsulant when conducting asbestos abatement activities that require a longer removal time or are subject to rapid evaporation of amended water. The removal encapsulant shall be capable of wetting the ACM and retarding fiber release during disturbance of the ACM equal to or greater than provided by amended water.

B. Strippable Coating

Provide additional incidental items necessary to complete specified activities.

C. Prefabricated Decontamination Unit(s)

Provide additional incidental items necessary to complete specified activities.

D. Chemical encapsulant

Provide additional incidental items necessary to complete specified activities.

E. Chemical encasement materials

Provide additional incidental items necessary to complete specified activities.

F. Material Safety Data Sheets (for all chemicals proposed)

Provide additional incidental items necessary to complete specified activities.

G. Sheet Plastic

Provide sheet plastic as specified herein and in the largest size necessary to minimize seams. Comply with ASTM D 4397 and NFPA 701.

H. Other items

Provide additional incidental items necessary to complete specified activities.

(Revised 2-7-2018)

## 2.02 EQUIPMENT

- A. High efficiency filtered local exhaust equipment
- B. Vacuum equipment
- C. Pressure differential monitor
- D. Air monitoring equipment  
Provide appropriate air monitoring equipment to evaluate concentrations of airborne asbestos fibers and comply with applicable regulations.
- E. Respirators  
Provide respirators as specified in Part 1.08.B.2 of this Section
- F. Glove Bag  
Provide glove bags that comply with 29 CFR Part 1926.
- G. Duct Tape  
Provide industrial grade duct tape in 2 inch and 3 inch widths, suitable for bonding sheet plastic and disposal containers specified herein.
- H. Leak-Tight Containers  
Provide leak-tight disposal containers and bags for asbestos-containing materials and generated wastes as specified herein. All disposal containers shall be either pre-labeled or affixed with OSHA warning label, as specified in 29 CFR Part 1926.

## 2.03 SOURCE QUALITY CONTROL

Encapsulants shall conform to USEPA requirements, shall contain no toxic or hazardous substances or solvent, and shall meet the following requirements:

- A. Requirements and Corresponding Test Standards for All Encapsulants

| Requirement                            | Test Standard                       |
|----------------------------------------|-------------------------------------|
| Flame Spread – 25, Smoke Emission – 50 | ASTM E 84                           |
| Combustion Toxicity                    | University of Pittsburg Protocol    |
| Zero Mortality                         | University of Pittsburg Protocol    |
| Life Expectancy – 20 years             | ASTM C 732 (Accelerated Aging Test) |
| Permeability – Minimum 0.4 perms       | ASTM E 96                           |
- B. Additional Requirements and Corresponding Test Standards for Bridging Encapsulant

| <u>Requirement</u>                               | <u>Test Standard</u>               |
|--------------------------------------------------|------------------------------------|
| Cohesion/Adhesion Test – 50 pounds of force/foot | ASTM E 736                         |
| Fire Resistant                                   | ASTM E 119                         |
| Impact Resistance – Minimum 43 in/lb             | ASTM D 2794- (Gardner Impact Test) |
| Flexibility – no rupture or cracking             | ASTM D 522- (Mandrel Bend Test)    |

C. Additional Requirements and Corresponding Test Standards for Penetrating Encapsulant

| <u>Requirement</u>                               | <u>Test Standard</u>               |
|--------------------------------------------------|------------------------------------|
| Cohesion/Adhesion Test – 50 pounds of force/foot | ASTM E 736                         |
| Fire Resistant                                   | ASTM E 119                         |
| Impact Resistance – Minimum 43 in/lb             | ASTM D 2794- (Gardner Impact Test) |
| Flexibility – no rupture or cracking             | ASTM D 522 (Mandrel Bend Test)     |

D. Additional Requirements and Corresponding Test Standards for Bridging Encapsulant

| <u>Requirement</u>                               | <u>Test Standard</u>              |
|--------------------------------------------------|-----------------------------------|
| Cohesion/Adhesion Test – 50 pounds of force/foot | ASTM E 736                        |
| Fire Resistant                                   | ASTM E 119                        |
| Impact Resistance – Minimum 43 in/lb             | ASTM D 2794 (Gardner Impact Test) |
| Flexibility – no rupture or cracking             | ASTM D 522 (Mandrel Bend Test)    |

E. Additional Requirement and Corresponding Test Standards for Lock-Down Encapsulant

| <u>Requirement</u> | <u>Test Standard</u> |
|--------------------|----------------------|
| Fire Resistant     | ASTM E 119           |
| Bond Strength      | ASTM E 736           |

## PART 3 EXECUTION

### 3.01 GENERAL

Remove and dispose asbestos-containing material to a licensed recycle facility. Obtain all required permits and approval documents. Provide approved containers, vehicles, equipment, labor, signs, placards, labels, manifests, and other documents necessary for accomplishing the work including materials necessary for spill cleanup from removal operations. Coordinate any additional sampling that may be necessary with GCLBA.

A. Safety Guidelines

Personnel working inside and in the general vicinity of the cleanup area shall be trained and made thoroughly familiar with the safety precautions, procedures, and equipment required for controlling the potential hazards associated with this work. Personnel shall use proper protection and safety equipment during work in and around the asbestos regulated work area.

B. Controls

Areas where asbestos abatement activities are conducted should be adequately secured as specified herein.

Perform work in accordance with the requirements and specifications and take direction only from the GCLBA for this contract. Any other party that proposes to give direction to the contractor shall be immediately referred to the GCLBA.

C. Routine Cleaning

1. Package all loose asbestos-containing materials and debris and remove from the work area to the load-out area.
2. Vacuum work areas with HEPA vacuum or other high volume HEPA-filtered

transfer equipment.

3. Inspect and maintain polyethylene and PVC in work and high traffic areas.
4. If air sample results exceed prescribed level, wipe clean containment and decontamination areas.

### 3.02 ABATEMENT PROCEDURES

#### A. Methods

Determine and implement the most efficient asbestos abatement method in conformance with this specification and applicable regulations. Employ proper handling procedures in accordance with 29 CFR Part 1926 and 40 CFR Part 61, Subpart M, and the requirements specified herein. Abatement techniques and items identified shall be detailed in the Work Plan including but not limited to details of construction materials, equipment, and handling procedures, and necessary safety precautions.

#### B. Revised Quantities

Before the Asbestos containing materials and/or contaminated debris has been removed, verify the previously submitted quantity estimates of other asbestos-containing materials and notify the GCLBA of any changes in the quantities. No payment adjustments in excess of the quantities identified in the hazardous materials survey shall be made by the GCLBA without prior written authorization.

#### C. Air Monitoring

Perform sampling and analysis for airborne concentration of asbestos fibers in accordance with 29 CFR Part 1926 Section 1926.1101, the air monitoring plan, and as specified herein. Collect personal air monitoring samples to represent the work activities for each shift, or a minimum of two, whichever is greater. Results of the personal samples shall be posted at the job site and made available to the GCLBA as specified herein. The Contractor shall maintain a fiber concentration inside enclosed containment regulated work area equal to or less than 0.1 f/cc expressed as an 8 hour, TWA during asbestos abatement. If fiber concentration rises above 0.1 f/cc, the Contractor will examine work procedures to determine the cause and work to implement corrective actions.

Workers shall not be exposed to an airborne fiber concentration in excess of 1.0 f/cc, as average over a sampling period of 30 minutes. If either an environmental concentration of 1.0 f/cc expressed as an 8-hour TWA or a personal excursion concentration of 1.0 f/cc expressed as a 30-minute sample occur inside the enclosed work area, stop work immediately, notify the GCLBA, and implement additional engineering controls and work practice controls to reduce airborne fiber levels below prescribed limits in the work area.

Conduct personal sampling required by 29 CFR Part 1926 Section 1926.1101, in accordance with the NIOSH Method 7400, Phase Contrast Microscopy (PCM).

Per regulation, environmental and perimeter air monitoring outside of regulated

containment areas shall not exceed clearance levels contained in 40 CFR part 763, subpart E, which is 0.01 f/cc or no more than background levels representing the same area before the asbestos work began.

For final clearance samples, the Contractor will conduct sampling at a sufficient velocity and time to collect a sample volume necessary to establish the limit of detection of the method used at 0.01 f/cc or background levels, whichever is higher. Background, environmental, quality assurance and final air clearance samples will be collected and analyzed according to NIOSH Method 7400 methodology.

1. Routine Air Sampling

Provide personal sampling as indicated in 29 CFR Part 1926 Section 1926.1101, state and local requirements, and in accordance with the air monitoring plan. Conduct air sampling at least once during every shift, close to the work in the containment area, outside the clean room entrance to the containment area, inside the clean room, outside the load-out unit exit, and at the exhaust discharge point of the local exhaust system.

2. Sampling After Final Clean-Up (Clearance Sampling)

Prior to conducting final air clearance monitoring, conduct a final visual inspection with the Engineer. Final clearance air monitoring shall not begin until acceptance of this final cleaning by the Engineer. Comply with the sampling and analytical methods provided in NIOSH-01 Method 7400 (PCM) with optional confirmation of results by NIOSH-01 Method 7402 (TEM).

3. Failure to Meet Air Quality Requirements

If clearance sampling results fail to meet the final clean-up requirements, reclean, resample, and reanalyze until final clean-up requirements are met. Costs associated with additional samples, cleaning, and inspections will be paid by the Contractor.

D. Additional Bulk Asbestos Sampling

Bulk asbestos sampling and polarized light microscopy analysis (PLM) has been conducted for various materials located throughout the site. During debris removal, previously unidentified potential asbestos-containing material may be encountered, requiring bulk sampling and analysis. Additional bulk sample analyses as required under this Section shall be paid by the Contractor. Perform bulk sampling as required or as specified by the GCLBA. Employ a laboratory for testing and analysis, which routinely provides analytical services acceptable to Michigan Department of Environmental Quality and EPA.

- E.     **Asbestos Abatement**  
Collect and place in sealed, leak-tight containers all asbestos waste, scrap, debris, bags, containers, equipment, and asbestos contaminated personal protective equipment. Use 6-mil, double wrapped polyethylene sheets, sealed fiberboard boxes, or other approved containers. Waste within the containers must be wetted in case the container is damaged. Affix a warning label and a Department of Transportation (DOT) label on each bag. Dispose waste material at an approved, licensed asbestos landfill. For temporary storage, keep sealed impermeable containers in asbestos waste load-out unit or in a storage/transportation conveyance (dumpsters or roll-off boxes) in a manner as acceptable by the GCLBA. Procedure for hauling and disposal asbestos-containing material shall comply with 40 CFR Part 61, Subpart M, state, regional, and local standards and specifications.
- F.     **Waste Records**  
Provide final completed copies of the Waste Shipment Record for shipments of all waste material as specified in 40 CFR Part 61, Subpart M, and other required state waste manifest shipment records within 10 days of project completion.
- G.     **Final Cleaning**  
Abate asbestos by collecting, packing, and storing all gross contamination in accordance with all references and specifications. Once cleaning has been completed, conduct a visual pre-inspection of the cleaned area. A final air monitoring event will be performed to verify adequacy of clean-up. Re-cleaning and follow-up inspections shall be at the Contractor's expense. Upon completion of the final cleaning, conduct a final visual inspection of the cleaned area. Document the results. If the GCLBA or GCLBA's Representative determines that the abatement area does not meet final cleaning requirements, re-clean as necessary and conduct additional follow-up inspection with the GCLBA.
- H.     **Lock Down Encapsulant**  
In areas where friable ACM was removed, after clean-up of gross contamination, and final visual inspection, but before removing plastic barriers, apply a post removal (lockdown) encapsulant to floor, walls, ceilings, and other surfaces in the removal area. When work was limited to glove bags only apply encapsulate to item within glove bag.

**END OF SECTION**



## SECTION 3 – PCB CONTAINING EQUIPMENT REMOVAL

### PART 1 GENERAL

#### 1.01 SECTION INCLUDES

- A. Removal and disposal requirements for PCB ballasts. PCB containing light ballasts and other electrical equipment may be present at the subject property.

#### 1.02 REFERENCE STANDARDS

The publications listed below form a part of this Section to the extent referenced. The publications are referenced in the text by basic designation only.

- A. American Petroleum Institute (API)
  - 1. API RP 2003, Protection Against Ignitions Arising out of Static, Lightning and Stray Currents.
  - 2. API Publ 2015, Safe Entry and Cleaning Petroleum Storage Tanks.
  - 3. API Publ 2217, Guidelines for Confined space Work in the Petroleum Industry.
  - 4. API Publ 2219, Safe Operation of Vacuum Trucks in Petroleum Service.
- B. Code of Federal Regulations (CFR)
  - 1. CFR 29 CFR 1910.146 OSHA - Permit Required Confined Spaces.
  - 2. CFR 29 CFR 1926/1910 Construction Industry Occupational Safety and Health Standards.
  - 3. CFR 40 CFR 260 General Regulations for Hazardous Waste Management.
  - 4. CFR 40 CFR Part 261 Identification and Listing of Hazardous Waste.
  - 5. CFR 40 CFR Part 262 Standards Applicable to Generators of Hazardous Waste.
  - 6. CFR 40 CFR Part 263 Standards Applicable to Transporters of Hazardous Waste.
  - 7. CFR 40 CFR Part 264 Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities.
  - 8. CFR 40 CFR Part 265 Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities.
  - 9. CFR 49 CFR 171 Department of Transportation Regulations to Stipulate Requirements for Containers and Procedure for Shipment of Hazardous Waste.
  - 10. CFR 40 CFR Part 761 Polychlorinated Biphenyls (PCB) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions.
- C. National Fire Protection Association (NFPA)
  - 1. NFPA 30 (1990) Flammable and Combustible Liquids Code.
  - 2. NFPA 70 B (1990) Recommended Practice for Electrical Equipment Maintenance.
  - 3. NFPA 325M (1991) Fire Hazard Properties of Flammable Liquids, Gases, and Volatile Solids.

4. NFPA 327 (1987) Standard Procedures for Cleaning or Safeguarding Small Tanks and Containers.
  - D. National Institute of Occupational Safety and Health (NIOSH)
    1. NIOSH 80-106 Criteria for a Recommended Standard for Working in Confined Spaces.
  - E. State of Michigan
    1. P.A. Act 451, Michigan Natural Resources and Environmental Protection Act
    2. MIOSHA Act 154 General Industry and Construction (as amended) Safety Standards.
  - F. United States Environmental Protection Agency (U.S. EPA)
    1. U.S. EPA SW-846, Test Methods for Evaluating Solid Waste.
- 1.03 MEASUREMENT
- A. Removal and Disposal of PCB-containing Light Ballasts and Equipment  
The removal and disposal of containerized PCB-containing light ballasts will be a unit rate pay item. Estimated quantities of PCB-containing Light Ballasts and Equipment are included the Pre-Demolition Inspection/Hazardous Materials Survey.
- 1.04 PAYMENT
- A. Removal and Disposal of PCB-containing Light Ballasts  
All acceptably completed work as required under this Section for the removal and disposal of containerized PCB-containing light ballasts found on site will be paid as the lump sum cost as bid.
- 1.05 SUBMITTALS
- A. Work Plan  
Before proceeding with any removal and disposal work, submit a work plan that includes the procedures proposed for the accomplishment of the removal and disposal work. The procedures shall provide for safe conduct of the work; careful removal and disposition of solid materials and liquid wastes; and property protection. The procedures shall provide a detailed description of the methods and equipment to be used for each operation, and the sequence of operations. The work plan shall be based on work experience, and the guidance provided in this specification.
  - B. Health and Safety Plan  
Before proceeding with any removal and disposal work, submit a site-specific health and safety plan (HASP) that includes the necessary precautions and safety procedures proposed for the accomplishment of the removal and disposal work. Include detailed information regarding temporary controls, including lock-out/tag-out procedures, and hazardous material handling. The HASP shall be based on applicable regulations, work experience, and the guidance provided in this specification.

- C. Copies of all analyses performed for disposal.
- D. Copies of all waste analyses or waste profile sheets.
- E. Copies of all certifications of final disposal signed by the responsible disposal facility official.
- F. Information on who sampled, analyzed, transported, and accepted all wastes encountered.
- G. Information describing the sample method, rationale, results, and chain-of-custody documentation for all testing.
- F. Copies of all disposal manifests, bills of lading, load tickets, and other transportation documentation.
- G. Notice of Acceptance  
After removing and disposing drums and small containers from the project site, submit the name and location of the properly licensed disposal facility and a copy of the written agreement from the disposal facility agreeing to accept contaminated materials for disposal. This documentation shall include manifests with quantities. The documentation is due 10 days after removal from the site.
- H. Disposal Documents  
Provide copies of all licenses, certificates, permits, agreements, manifests, chain of custody records, weigh tickets, meter recordings, delivery tickets, and receipts required or issued for material disposal. Provide a list of the equipment used, the methods used, and the disposal areas and facilities used for disposing ballasts. Provide a copy of the results of tests performed to comply with the requirements of each disposal facility.
- I. Manifests  
Submit a copy of the official manifest for each shipment of contaminated materials including, but not limited to, ballast contents and ballast carcasses evidencing delivery of the material to the approved licensed disposal facility. All manifests shall be in accordance with the requirements of 40 CFR, Part 262, 40 CFR, Part 761, Section 23 and State and local regulations. Manifests shall be signed by the GCLBA or authorized official.

#### 1.07 REGULATORY REQUIREMENTS

- A. Statutes and Regulations  
PCB-containing liquid removal, transportation, and disposal work shall be carried out in accordance with 29 CFR, Part 1910 and 1926, State of Michigan Act 64, Act 641, Act 307 and Act 136 wherever applicable. Hazardous material shall be transported in accordance with 40 CFR Part 263 to disposal facilities that operate in accordance with 40 CFR Part 264 and 40 CFR Part 265. Obtain all licenses, permits, certifications, receipts, etc., as required by such laws, regulations, codes, and ordinances.

B. General

All health and safety regulations relating to the removal, transportation, and disposal of ballasts available in 29 CFR, Parts 1926 and 1910 shall be complied with at all times. All pertinent regulations such as 29 CFR Parts 1910 and 1926 and 40 CFR 260, 261, 262, 263, 264, 761 and applicable state and local regulations shall be followed for storing, containing, and handling drums and small containers and for maintaining equipment for handling materials.

C. Protection of Employees and Visitors

Address the work in a manner such that its employees and site visitors will not be subjected to hazardous and unsafe conditions. Comply with all safety precautions, as required by 29 CFR Parts 1926 and 1910 and NFPA 329. Conduct and document the appropriate level of electrical lock-out/tag-out procedures.

D. Toxicity Considerations

Exercise care to minimize exposure to PCB-containing material and petroleum compounds when present during the handling of PCB-containing materials.

E. Flammability and Combustibility Considerations

Flammable and combustible vapors are likely to accumulate in work areas. Exercise caution by observing the following precautions: (a) eliminate all potential sources of ignition within the area; (b) prevent the discharge of static electricity during venting of flammable and combustible vapors; and (c) prevent the accumulation of vapors at ground level. Refer to API Publication 2015, 2015A and Recommended Practice 2003 for precautionary measures to follow during vapor evacuation activities. All open flame and spark-producing equipment is to be shut down and all electrical equipment must be explosion proof in compliance with NFPA 70B Class I, Division I, Group D or otherwise approved for use in potentially explosive atmospheres.

## **PART 2 PRODUCTS**

### **2.01 GENERAL**

Provide incidental equipment and materials necessary to complete specified activities, including, but not limited to, provision of drums for PCB-containing ballasts, and any scaffolding, cranes, or lifting equipment necessary to reach the areas for removal.

## **PART 3 EXECUTION**

### **3.01 GENERAL**

Disconnect or have disconnected power from ballasts and equipment being removed. Remove and containerize all PCB-containing light ballasts and equipment and dispose of properly. Obtain all required permits and approval documents. Provide approved containers, vehicles, equipment, labor, signs, placards, labels, manifests, and other documents necessary for accomplishing the work including materials necessary for spill cleanup for material from removal operations. Coordinate and pay for any additional sampling that may be necessary. Removal all PCB containing equipment discovered

during abatement activities. No payment adjustments in excess of the quantities identified in the hazardous materials survey shall be made by the GCLBA without prior written authorization.

A. Safety Guidelines

Personnel working inside and in the general vicinity of the cleanup area shall be trained and made thoroughly familiar with the safety precautions, procedures, and equipment required for controlling the potential hazards associated with this work. Personnel shall use proper protection and safety equipment during work in and around the ballast, as specified in API Publication 2217, AP RP 1604, and in the site-specific health and safety plans. Proper guidelines regarding safety precautions shall be required for handling all other items.

B. Control of the Work

Perform work in accordance with the requirements and specifications and take direction only from the Engineer or On-site Representative for this contract. Any other party that proposes to give direction to the contractor shall be immediately referred to Engineer or On-Site Representative. Perform control measures as specified in Section 01570.

### 3.02 CONTENTS VERIFICATION

A. Sampling and Analytical Testing

A Pre-Demolition Inspection/Hazardous Materials Survey will be provided for each structure. In general, the survey activities include an identification of the general location and quantity of mechanical and/or electrical equipment that may contain PCBs.

Any additional testing necessary is the responsibility of the Contractor. If necessary, the Contractor shall collect samples to the extent required by the approved off-site disposal facility receiving the material. All analytical testing as required under this section shall be paid for by the Contractor and is incidental to the Contract. Meet all regulatory requirements, including chain-of-custody documentation. Provide testing results to the GCLBA.

### 3.03 EXAMINATION

Selected contractors will be authorized to proceed on the removal and disposal of environmentally hazardous materials from specific residential/commercial structures. A site specific hazardous material survey will be prepared by others for each structure and will be provided to the contractor at the time of authorization. The Contractor is encouraged to inspect the site of the proposed work, at the time of authorization to proceed on the removal and disposal of environmentally hazardous materials from specific residential/commercial structures. Prior to proceeding on the authorized work Contractor may visit each of the listed sites to arrive at a clear understanding of the conditions under which the work is to be done and to make their own determination as to the amount of hazardous materials to be removed from the sites. Contractor will be held responsible to have compared the premises with the hazardous materials survey,

drawings, specifications, or other provided items, and to have satisfied himself as to all conditions affecting the execution of the work. No payment adjustments in excess of the quantities identified in the hazardous materials survey shall be made by the GCLBA without prior written authorization.

### 3.05 DISPOSAL REQUIREMENTS

#### A. General

Materials requiring disposal shall become the property of the Contractor. Dispose light ballasts at a facility licensed to receive, clean, recycle, and dispose PCB-containing electrical equipment. Dispose all wastes in accordance with all local, State, and Federal solid and liquid waste laws and regulations, including those for hazardous waste, when applicable, as well as the Resource Conservation and Recovery Act (RCRA), and conditions specified herein. These services shall include all necessary personnel, labor, transportation, packaging, manifesting, or completing waste profile sheets, equipment, and reports. Provide all disposal and recycle information to the GCLBA.

#### B. Records

Maintain disposal and recycle records for all waste determinations, including: (1) appropriate results of analyses performed, (2) sample locations, (3) substances detected, (4) time of collection, and (5) other pertinent data as required by 40 CFR Part 280, Section 74 and 40 CFR Part 262 Subpart D. Record and make available information regarding method of transportation, method of treatment, method of disposal, quantities of waste, the names and addresses of each transporter, and the disposal or reclamation facility. Prepare and maintain copies and originals of disposal manifests, waste analyses or waste profile sheets, and certifications of final treatment/disposal signed by the responsible disposal facility official. Following contract completion, the records shall become the property of the GCLBA.

#### C. Hazardous/Special Waste Manifests

U.S. EPA waste generator's identification number for the site may be required due to the nature of the materials to be disposed. Work with the generator to obtain this or other generator identification numbers. For hazardous and non-hazardous contaminated liquid waste, utilize a State of Michigan approved manifest system in conformance with the requirements identified in 40 CFR Part 262, 40 CFR Part 263 and 40 CFR Part 761.

The manifests shall comply with all of the provisions of the transportation and disposal regulations. Prepare manifests for each load and obtain the appropriate identification numbers and signatures. The designated representative of the GCLB A will sign all hazardous and non-hazardous waste manifests.

Before waste transportation, all of the established pre-transport requirements shall be met. The wastes shall be transported by a certified waste hauler (i.e., the hauler must have an appropriate State waste identification number) in approved

containers. All transporters must sign the appropriate portions of the manifest and must comply with all of the provisions established in the applicable regulations. Hazardous waste manifests must be signed by the generator.

Provide the GCLBA with manifests, certificates, and other such evidence as may be required by local, State, and Federal regulations, to demonstrate that waste materials of all types were properly transported to, received at, and disposed at approved disposal facilities. After delivery of the load, provide a copy of the manifest to the GCLBA.

- D. Documentation of Treatment and Disposal  
Dispose hazardous wastes at an approved treatment, storage, or disposal facility. The disposal facility will maintain U.S. EPA or appropriate State permits and waste treatment identification numbers and will comply with all of the provisions of the disposal regulations. Documentation of acceptance of special waste by a facility legally permitted to treat or dispose those materials shall be furnished to the GCLBA following the delivery of those materials to the facility.

### 3.06 SPILLS

- A. Spill Responsibility  
The Contractor is responsible for cleaning up all the leaks and spills from decommissioning operations, drums, or other containers that occur because of the Contractor's negligence. Immediate containment actions shall be taken as necessary to minimize the effect to natural surroundings. Notify the GCLBA and appropriate governmental authorities of the incident. Cleanup shall be in accordance with applicable local, State, and Federal laws and regulations at no additional cost to the GCLBA.

**END OF SECTION**

## **SECTION 4 – RECYCLING OF CFCs**

### **PART 1 GENERAL**

#### **1.1 GENERAL**

- A. Contractor shall furnish all labor, material, equipment and incidentals required to remove, handle, transport and recycle residual refrigerants (assumed to be CFCs) contained in air conditioning units, refrigerators, drinking fountains, or other similar devices.
- B. Contractor shall submit to the GCLBA a copy of the applicable Contractor license for CFC removal and handling.
- C. Upon removal of CFCs from each unit, Contractor shall label each unit to indicate the refrigerant has been recovered.
- D. Contractor shall provide record documents in accordance with 40 CFR 82 verifying the removal procedures and amounts recovered.

### **PART 2 PRODUCTS**

#### **2.1 CONTAINERS AND LABELS**

- A. Cylinders for CFC removal, storage, and transportation shall be provided to the Contractor by a licensed recycling facility.
- B. Contractor shall provide labels that indicate that the refrigerant materials have been evacuated.

### **PART 3 EXECUTION**

#### **3.1 GENERAL**

- A. Contractor shall identify the locations of all equipment at the Site that are believed to contain refrigerants and shall disconnect all utility services.
- B. Using a method acceptable to the licensed recycling facility, Contractor shall evacuate each unit of all refrigerants and containerize the materials for recycling.
- C. Contractor shall ensure that the CFC containing units are de-pressurized and free of all refrigerants. This may be accomplished by subsequent flushing with pressurized nitrogen or another acceptable method.
- D. Contractor shall transport all cylinders containing CFCs in accordance with the applicable DOT regulations.
- E. Contractor shall record and provide to GCLBA documentation of devices evaluated, procedures used, amounts recovered and other information as required by 40 CFR 82 upon completion of removal activities.

### **END OF SECTION**

(Revised 2-7-2018)



## SECTION 5 – ABATEMENT OF REGULATED MISCELLANEOUS MATERIALS

### PART 1 GENERAL

#### 1.1 GENERAL

- A. Contractor shall furnish all labor, material, equipment, packaging, sampling, and testing, and incidentals required to remove/abate, transport and dispose/recycle all substances regulated under Federal, State and local statutes and land ban restrictions. These substances may include but are not limited to items listed in the Unit Rate Bid Schedule.
- B. The quantities of hazardous and/or regulated materials are provided in the Hazardous Materials Survey. Contractor will be authorized to proceed on the removal and disposal of environmentally hazardous materials from specific residential/commercial structures. A site specific hazardous material survey will be prepared by others for each structure and will be provided to the contractor at the time of authorization. The Contractor is encouraged to inspect the site of the proposed work, at the time of authorization to proceed on the removal and disposal of environmentally hazardous materials from specific residential/commercial structures. Prior to proceeding on the authorized work Contractor may visit each of the listed sites to arrive at a clear understanding of the conditions under which the work is to be done and to make their own determination as to the amount of hazardous materials to be removed from the sites. Contractor will be held responsible to have compared the premises with the hazardous materials survey, drawings, specifications, or other provided items, and to have satisfied himself as to all conditions affecting the execution of the work. No payment adjustments in excess of the quantities identified in the hazardous materials survey shall be made by the GCLBA without prior written authorization.
- C. Contractor shall be aware that the buildings may contain lead based paint and as such the potential for exposure exists. Contractor shall handle lead based paint in accordance with all federal, state, and local regulations.
- D. The Michigan Occupational Safety and Health Administration (MIOSHA) provides protection and regulations for the safety and health of workers. The Department of Community Health provides for the health of workers (517) 373-3500.
  - 1. Contractor shall post any applicable State and/or Federal government regulations at the job sites in prominent locations.
  - 2. Contractor shall be responsible for training their workers in safe work practices and in proper removal methods when coming in contact with hazardous materials.

- E. Applicable Regulations (include but are not limited to):
1. RCRA, 1976 -Resource Conservation and Recovery Act: This federal statute regulates generation, transportation, treatment, storage or disposal of hazardous wastes nationally.
  2. Part 111, Act 451, 1994 -Michigan's Hazardous Waste Management Act: This statute regulates generation, transportation, treatment, storage and disposal of hazardous wastes in Michigan.
  3. Part 121, Act 451, 1994 -Liquid Industrial Waste Act: This statute regulates the transportation of liquid industrial wastes in Michigan. This includes non-hazardous liquids and hazardous liquids, which are not subject to management under RCRA or Part 111, Act 451, 1994.
  4. Toxic Substances Control Act (TSCA), 1976. This statute regulates the generation, transportation, storage, and disposal of PCB wastes.
- F. To use an off-site hazardous waste disposal facility, the Contractor must use the Uniform Hazardous Waste Manifest (shipping paper).
1. Hazardous wastes may not be disposed of in sanitary landfills used for solid waste.
  2. Hazardous waste manifests shall be signed by the GCLBA or designated representative.

**Topic**

Small quantity hazardous waste management, including hazardous waste stored in tanks

Liquid industrial waste disposal (hazardous and non-hazardous)

Disposal of hazardous waste into municipal sanitary sewers

Discharges to surface water such as through a drain pipe or wastewater discharge

Discharges to groundwater, including septic systems

Pollution Incident Prevention Plans (PIPP)

Hazard Communication (for chemicals in the work place)

Burning of waste oil and other discharges to the air

Registration of underground fuel storage tanks

Installation, Inventory, testing & other requirements for above ground and underground storage tanks (for flammable and combustible)

Local fire prevention regulations and codes (including chemical storage requirements)

Building and outdoor storage

**Agency and Telephone Number**

Waste and Hazardous Materials Div., MDNRE  
(517) 335-2690 in Lansing, or District Office Certified  
County Health Department

Waste and Hazardous Materials Div., MDNRE  
(517) 335-2690 in Lansing, or District Office  
Contact the superintendent of your wastewater  
treatment plant for permission

Water Division, MDNRE  
(517) 335-2690 in Lansing, or District Office

Waste and Hazardous Materials Div., MDNRE (517) 335-  
2690 in Lansing, or District Office

Waste and Hazardous Materials Div., MDNRE (517) 335-  
2690 in Lansing, or District Office

Michigan Department of Consumer and Industry Services  
(517) 373-1820

Air Quality Div., MDNRE (517) 373-7023 in Lansing, or  
District Office

Waste and Hazardous Materials Div., MDNRE  
(517) 335-2690 in Lansing, or District Office

Waste and Hazardous Materials Div., MDNRE  
(517) 335-2690 in Lansing, or District Office

Local fire chief or fire marshal

Local government building or zoning official requirements  
(including setbacks)

(Revised 2-7-2018)

- G. Federal, State and local laws and regulations may apply to the storage, handling, and disposal of hazardous materials and wastes generated at the Site. The list above includes the regulations that are most frequently encountered.

## **PART 2 PRODUCTS**

### **2.1 PACKAGING AND CONTAINERIZATION MATERIALS**

- A. Packaging and containerization materials shall include but not be limited to the following:
  - 1. Lab packing requirements per licensed disposal or recycling facility.
  - 2. Fiberboard barrels
  - 3. DOT approved removable head drums; roll-off boxes or equivalent
  - 4. Drum labels and marking which conform to 29 CFR 1926.58 K and all other Federal, State and local regulations
  - 5. Spill prevention countermeasure materials and control products consistent with 49 CFR 173 and Contractor approved SPCC plan.
  - 6. Sampling equipment and containers consistent with standard sampling technique

## **PART 3 EXECUTION**

### **3.1 REMOVAL OF CHEMICAL FIRE EXTINGUISHERS**

- A. Chemical fire extinguishers may be present at the Site. Contractor shall be responsible for the removal, proper handling, and disposal of all chemical fire extinguishers.
- B. Contractor shall properly collect, label and stage all chemical fire extinguishers throughout the Site. All chemical fire extinguishers shall be recycled or disposed at a licensed facility. Chemical fire extinguishers shall be transported in a manner that minimizes the potential for discharge.

### **3.2 REMOVAL OF MERCURY DEVICES**

- A. High intensity discharge lamps and fluorescent light bulbs that may contain mercury are present either in fixtures or stored in bulk. The approximate locations of these lamps/bulbs will be identified in the Hazardous Materials Survey Report. Contractor shall remove all lamps/bulbs regardless of the estimated quantities provided in the Hazardous Materials Survey Report.
  - 1. Many light fixtures and/or associated components may be suitable for recycling or resale. Contractor is encouraged to account for recycling or resale of such fixtures in its bid, if feasible.
  - 2. Contractor shall be responsible for the removal of all regulated lamps and bulbs from the associated lighting fixtures. All lamps and bulbs shall be carefully removed from the fixtures and placed in appropriate sized containers equipped with dividers.

3. All containers intended for off-site recycling shall be either shrink-wrapped or placed in a secure crate to avoid accidental breakage. All containers shall be labeled as hazardous waste in accordance with applicable MDOT regulations.
  4. Contractor must use all precautions when handling lamps to avoid accidental breakage. Should accidental breakage of lamps occur, then the lamp debris shall be collected and placed in segregated reinforced drums or similar containers pending disposal.
  5. Light ballasts containing PCBs shall be managed in accordance with applicable regulations and appropriate sections of this Bid Document.
- B. Mercury switches and thermometers are present at the Site as indicated in the Hazardous Materials Survey Report, Contractor shall be responsible for the removal, transport and recycling or disposal of all mercury containing devices.

### 3.3 REMOVAL OF NON-HAZARDOUS EQUIPMENT OIL

- A. Oil-filled blowers, compressors, hydraulic hoists, and motors may be present at the site. The approximate locations of this oil filled equipment will be identified in the Hazardous Materials Survey Report. Contractor shall remove all oil filled equipment regardless of the estimated quantities provided in the Hazardous Materials Survey Report
- B. Contractor shall drain all free flowing oil from each oil-filled unit. All oil shall be drained into appropriate storage containers, consolidated, and staged on-site with appropriate labeling pending transport and disposition to a licensed reclamation facility.
- C. Upon removal of all free-flowing oil, equipment will be released by the GCLBA for disposition/recycling.

### 3.4 REMOVAL OF MISCELLANEOUS CHEMICALS, CONTAINERS, AND LIQUIDS

- A. Liquid filled containers, miscellaneous chemicals, and other hazardous materials banned from landfill disposal are present at the site. The approximate locations of these materials will be identified in the Hazardous Materials Survey Report. Contractor shall remove all liquid filled containers, miscellaneous chemicals, and other hazardous materials banned from landfill disposal, regardless of the estimated quantities provided in the Hazardous Materials Survey Report.
- B. Contractor shall remove all liquid filled containers, miscellaneous chemicals, and other hazardous materials banned from landfill disposal. All materials shall be staged on-site with appropriate labeling pending transport and disposition to a licensed reclamation/disposal facility.

### 3.5 TRANSPORTATION

- A. Contractor shall evaluate all materials associated with the activities to designate materials classification for transportation purposes.

- B. Contractor shall package all hazardous materials for transportation and storage in accordance with 49 CFR 172.101 and applicable sections of 49 CFR 173. In addition, the Contractor shall comply with any packaging requirements identified by the licensed disposal or recycling facilities used for waste disposition during this project.
- C. Contractor shall label and mark all hazardous materials packaged and temporarily staged for subsequent off-site transport. Hazardous materials that have been specifically prepared for off-site transport shall be labeled in accordance with 40 CFR 172.101 and 49 CFR 173 Subparts D and E. Contractor shall provide all labels.
- D. Contractor shall ensure that the transporter has applied all appropriate placards to the transport vehicle according to the requirements outlined in 49 CFR 172.101 and 49 CFR Subpart F and all applicable MDOT/DOT regulations. The Contractor or transporter shall provide all such placards.
- E. Contractor shall submit the manifest to the GCLBA for review prior to signature by the GCLBA or designated representative and prior to removal of any material.

**END OF SECTION**

**APPENDIX 1B: SCOPE OF WORK/SUMMARY OF WORK**  
DEMOLITION OF RESIDENTIAL AND COMMERCIAL STRUCTURES

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## APPENDIX 1B: SCOPE OF WORK/SUMMARY OF WORK

### SECTION 100 – SUMMARY OF WORK

#### PART 1 - GENERAL INFORMATION

##### 1.1 DESCRIPTION

- A. This project consists of building and site demolition and disposal of buildings and basement/foundation, including backfill of the excavated area, secure all necessary permits (demolition, water/sewer cut, soil erosion and any other required by the local unit of government), and disconnect water and sewer utilities or cap wells and abandonment of septic tanks, if present, per Genesee County Health Department requirements.
- B. Unless otherwise specified in the Request For Proposals (RFP), asbestos and hazardous materials have **not** been removed by others for structures identified in this bid. Contractor is responsible for executing the abatement scope of work as outlined in Appendix 1A unless materials are identified as have been previously removed.

It is the policy and practice of the GCLBA to abate what can feasibly be abated despite the condition of the structure, whether or not a structure will ultimately be demolished as asbestos containing. Conditions inhibiting the abatement of identified materials must be thoroughly documented and explained.

**Exceptions may be made in the case of roofing materials in good condition and in cases where a composite sample of drywall and joint compound contain less than 1% asbestos. When ACM roofing materials and drywall joint compound with <1% ACM composite are not abated, where applicable, ensure demolition activities adhere to MIOSHA regulations. In instances where Contractor intends to leave ACM in place during demolition, this must be specifically noted in the Work Plan with specific addresses and procedures identified.**

**Contractor will remove all identified ACM unless otherwise directed by the Land Bank.**

Bidders can request access to Pre-demolition surveys by emailing request to [the GCLBA employees identified in the RFP](#). Bidders will be invited to review information via Box.com.

A licensed abatement company is not required to remove non-friable Category I asbestos containing material; however, a NESHAP Competent Person must be present on-site during the demolition/removal. The burden to conduct the requested work in accordance with all applicable laws and regulations is the responsibility of the contractor.

- i. **Contractor must submit 10-day NESHAP project notifications for ALL demolition projects including Ordered/Emergency Demolitions. NO EXCEPTIONS!**
  - ii. Contractor must follow all State and Federal laws and requirements for the removal of all Asbestos Containing materials (ACMs) – friable and non-friable.
- C. Ordered Demolitions - Requirements per the Asbestos NESHAP for all Ordered demolitions (commonly referred to as emergency demolitions) :
- i. An Asbestos NESHAP trained person must be on site during the demolition
  - ii. **ALL CONTRACTORS ARE REQUIRED TO HAVE A WATER TRUCK ON SITE.**

- iii. Water must be used and all debris must be kept wet at all times (*except when temperatures are below freezing- then records must be kept onsite of the temperature at the beginning, middle and end of each work day*)
  - iv. Wetted debris may be disposed of in bulk in lined and covered dumpsters. Signs must be posted during handling and loading of debris
  - v. All debris must be disposed of as **“friable asbestos” (RACM)** at a Type II landfill and disposal records must be kept for 2 years.
- D. Ordered Demolitions - Requirements per the Asbestos MIOSHA for all Ordered demolitions (commonly referred to as emergency demolitions) or demolition of structures as asbestos containing:
  - i. Asbestos Abatement License and training is required is required for all employees on site of an Ordered/Emergency Demolition. Demolitions involving Class I or Class II ACM require a 40-hour trained competent person.
- E. Removal of non-friable/intact Class II materials requires workers to be trained 8 or more hours depending on number of Class II materials involved.
- F. There is one exception to this competent person training requirement involving flooring that is removed intact utilizing compliant work practices specified in Part 602 for these materials; 12 hours competent person training is required.
- G. Requirements of the work are contained in the Scope of Work and include cross-references to published information, which is not necessarily bound herewith.
- H. A description of the scope of work can be summarized as follows:
  - (1) Site and Building Demolition
    - (a) Locate property corners and lot lines to accurately set limits of demolition. Contractor will take before and after photos with date to document that they are at the right property and its current condition.
    - (b) Site and building demolition, including the removal of structures, basements, footings, landscaping and walls, cut brush and dead and/or falling trees, asphalt, bituminous and/or concrete paving, and miscellaneous debris on the site.
  - (2) Protection of Trees
    - (a) It shall be the responsibility of the Contractor to protect all trees of a diameter of 4” or greater that are located outside of five (5) feet from the structure being demolished. **UNLESS trees are in the way of the demolition or dead/rotten and/or are in jeopardy of falling.**
  - (3) Concrete Sidewalks/Drive Approach
    - (a) Access to the property for demolition work shall be limited to the driveway unless otherwise designated by the GCLBA project manager. The Contractor shall be held responsible for the replacement of any sidewalks or approaches damaged during the project. In the City of Flint, if the Contractor significantly damages or causes further damage to the approach during the demolition process, Contractor must remove the approach and replace it with a new curb in line with City specifications, and regrade, seed, and straw the Right of Way.
    - (b) Contractors shall make all efforts to protect sidewalks and approaches by using materials such as dirt, plywood, etc.



- (c) **It is the Contractors responsibility to take before and after pictures of sidewalks, drive approach and surrounding areas to document pre-existing condition.** Replacement of damaged sidewalk or drive approach is not required; provided contractor's access is limited to the driveway unless otherwise approved by site manager and no further damage occurs. **If contractor further damages sidewalk or approach making sidewalks and approach unsafe and/or creating trip hazards, Contractor must replace sidewalks and/or approach.** In the City of Flint, if the Contractor significantly damages or causes further damage to the approach during the demolition process, Contractor must remove the approach and replace with a new curb in line with City specifications, and regrade, seed, and straw the Right of Way.
- (d) Concrete, asphalt and/or gravel driveways are to be removed with the exception of the approach. Approach will be defined as the first ten feet of the driveway or from the road to the sidewalk. Contractor must take all necessary steps to protect sidewalks and approaches.
- (4) Site Restoration
  - (a) **Site restoration includes fill and compaction of all disturbed areas, seeding and mulch** (to include regrading, seeding, and mulching of Right of Way) **as specified in Section 200, Part 2 – Products and Part 3 - Execution.**
  - (b) **Any areas disturbed by construction activities shall be re-graded and reseeded if necessary.** Right of Way is to be regraded, seeded, and mulched per specifications, regardless. The Right of Way will be defined as the first ten feet of the yard or from the road to the sidewalk.
- (5) Except for items indicated to remain the GCLBA/OWNER'S property, demolished materials shall become the Contractor's property and shall be removed from the site and disposed of legally.

I. Submittals

- i. Landfill receipts/waste manifests must be submitted to the Land Bank within 10 days with invoice at the completion of project.
- ii. All documentation must be submitted for each property/project individually.
- iii. Payments will not be processed without receipt of waste manifest documenting proper disposal of waste.
- (1) Request for Payment Packet must include:
  - (a) Request for Final Payment
  - (b) Attestation Form
  - (c) NESHAP Notification and MIOSHA Notification if required
  - (d) Pre-Demolition Walkthrough Form
  - (e) Sworn Statement
  - (f) Waivers of Lien from yourself, as well as all subcontractors listed on Sworn Statement
  - (g) Invoice on Contractor's Letterhead
  - (h) Pre and Post Demolition Photograph Requirements (UPDATED 3/5/18): All pre and post demolition photos must contain a full view of the property to facilitate identification of property transitioning from pre to post condition. All pre and post demolition photos must be labeled with the date, street address, and geo-tagging. Pre and post photos must be included with payment request packet. All photos must be uploaded to Box.com.

- (i) Pre-Demolition - Prior to demolition of property, Contractor must take quality pre-demolition photos which include a full and complete image (i.e., front, rear, right and left side of structure) of the project structure, as well as, the pre-condition image of sidewalk, driveway, and approach. In addition, pre-demolition photos must contain identifiers (i.e., trees, adjacent structures, power poles, fire hydrants, fencing, geo-tagging) to help link the property to the image in the photo. Photos must include sidewalks, driveway, and approach. If separate photos are taken of sidewalk, driveway, and approach, Contractor must include an image of the structure in the photo to ensure that the sidewalk, driveway, and approach are linked to the correct property. Any portion of the sidewalk and driveway approach damaged during demolition process must be repaired. Cold patch repairs of sidewalks and driveway approaches are not allowed.
- (ii) Post-demolition – After demolition of property, Contractor must take quality post-demolition photos which include a full and complete image of the vacant lot, as well as, a post-condition image of sidewalk and approach. In addition, post-demolition photos must contain identifier (i.e., trees, adjacent structures, power poles, fire hydrants, fencing, geo-tagging) that help tie the property to the image in the pre-demolition photos. If separate photos are taken of sidewalk and approach, Contractor must include an image of the graded and seeded lot in the photo to ensure that the sidewalk and approach are linked to the correct project. Any portion of the sidewalk and driveway approach damaged during the demolition process must be repaired. Cold patch repairs of sidewalks and driveway approaches are not allowed.

| INSPECTION STAGES | INSPECTION/PHOTO TYPE | KEY ITEMS TO INCLUDE WITH PHOTO OF PROPERTY                                                                                                                                                                                                                                   |
|-------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pre-Demo          | Demolition Contractor | 1). Landmarks (i.e., utility pole, fire hydrant, adjacent property) and/or geo-tagging; 2). Condition of sidewalk and driveway with picture of house included in photo (include address, date and geo-tag)                                                                    |
|                   | Demolition Contractor | Quality of sidewalk and driveway with picture of house included in photo, prior to demolition (include address, date and geo-tag)                                                                                                                                             |
| Post Demo         | Demolition Contractor | 1). Landmarks (i.e., utility pole, fire hydrant, adjacent property) and/or geo-tagging ; 2). Condition of sidewalk and driveway with picture of graded lot included to prove that contractor did not cause cracks in sidewalk or driveway (include address, date and geo-tag) |
|                   | Demolition Contractor | Quality of sidewalk and driveway with picture of graded lot included in photo, after demolition (include address, date and geo-tag)                                                                                                                                           |

- (i) City or Township Open Hole/Backfill, Winter-grade or Final inspection receipt as stated in contract and/or RFP
- (j) If sub-contracting, you must provide proof that the sub-contractor is in compliance with the Michigan Workers' Disability Compensation Act requirements and appropriately licensed.
- (k) Demolition Permit (Must be on site at start of demolition and dated prior to start of demolition)
- (l) **Soil Erosion Permit OR Soil Erosion Permit Waiver issued by Genesee County Drain Commission prior to start of demolition work.**
- (m) **Statement of confirmation from qualified professional and backup documentation (Lab results from soil sample for backfill and top soil) that backfill and top soil meets specifications.** Projects without a statement from a qualified professional and those with backfill and topsoil that do not meet specs will not be approved for payment. **Refer to Section 300, Part 2- Products for specification requirements.**
- (n) Field Report/Daily Log/Inventory Sheet with supporting paperwork:
  - (i) A copy of the disposal manifest and/or shipping papers used to dispose of materials/wastes from each disposal/recycling facility.
  - (ii) A copy of the CFC recovery certificate signed and certified by the licensed CFC recovery professional.
  - (iii) A copy of the scrap metal receipt for AST/USTs and other metals.
- (o) Seeding and Watering Report
- (p) Seed tags identifying correct seed used per specification Section 200, Part 2 - Products
- (q) Certified Payroll using Genesee County Prevailing Wage
- (r) Sidewalk Permit – for sidewalk repair and curb removal, if applicable. (Approach removal and curb replacement only applies to properties located in the City of Flint)

## 1.2 WORK SCHEDULE

- A. Schedule work for most efficient operation. Coordinate with utility companies and/or local agencies to verify that shutting off and capping utility services (electrical, gas, cable, water, storm, sanitary sewer, etc.) has been completed prior to start of demolition.
- B. Immediately after contract award the General Contractor shall submit to the GCLBA for review a tentative schedule of completion dates and work plan for the above referenced work.
- C. Contractor shall notify the GCLBA's representative 72 hours in advance if a subcontractor is to be employed for the project and provide the subcontractor(s) company name, address, telephone & fax number, if not provided at time contract is signed.
- D. Furnish certificates of insurance which specifically set forth evidence of all coverage required of the contractor and subcontractor prior to commencement of work. Certificates shall be sent to the Genesee County Land Bank, 452 S. Saginaw Street, Flint, MI 48502. Furnish to the GCLBA copies of all endorsements that are subsequently issued amending coverage or limits.
- E. Completion dates are provided in the contract documents.

## 1.3 CONTRACTOR USES OF PREMISES (UPDATED 2-11-2017)

- A. General: During the contract period the Contractor shall have full use of the lots occupied by the structures. The Contractor's use of the premises is limited only by the limits of the property and adjacent public right-of-ways if properly barricaded, and the access is as designated by the site

manager. Contractor shall confine construction equipment, the storage of materials and equipment, and the operations of workers to the Site and other areas permitted by Laws and Regulations, and shall not unreasonably encumber the Site and other areas with construction equipment or other materials or equipment. Contractor shall assume full responsibility for any damage to any such land or area, or to the owner or occupant thereof, or of any adjacent land or areas resulting from the performance of the Work.

1. Should any claim be made by any such owner or occupant because of the performance of the Work, Contractor shall promptly settle with such other party by negotiation or otherwise resolve the claim by arbitration or other dispute resolution proceeding or at law.
  2. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless the GBLBA, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any claim or action, legal or equitable, brought by any such owner or occupant against the GCLBA, or any other party indemnified hereunder to the extent caused by or based upon Contractor's performance of the Work.
- B. Used of the Site: Limit use of the premise to work in areas indicated. Confine operations to areas within contract limits.
- (1) Driveways and Entrances: Keep driveways and entrances serving adjacent premises clear.
  - (2) Drive approaches located between the sidewalk and curb must be left as is.
  - (3) Any debris or sedimentation deposited in the road right-of-way shall be promptly removed by the Contractor at the Contractor's expense. No sedimentation on the road will be allowed.
- B. Removal of Debris During Performance of the Work: During the progress of the Work Contractor shall keep the Site and other areas free from accumulations of waste materials, rubbish, and other debris. Removal and disposal of such waste materials, rubbish, and other debris shall conform to applicable Laws and Regulations.
- C. Cleaning: Prior to Substantial Completion of the Work Contractor shall clean the Site and the Work and make it ready for utilization by the GCLBA and its Contractors and/or potential buyer or lessor. At the completion of the Work Contractor shall remove from the Site all tools, appliances, construction equipment and machinery, and surplus materials and shall restore to original condition all property not designated for alteration by the Contract Documents.
- D. Boarding of Windows and/or Doors: Decorative boarding will be retrieved by community groups prior to demolition when possible.
- C. Any areas disturbed by construction activities shall be re-graded and seeded if necessary.
- D. Any asphalt, fallen trees, trash, debris and/or brush must be removed from site.

#### 1.4 ADJUSTMENTS TO BID

- A. **In the event a structure or structures itemized on this bid is destroyed or substantially destroyed by fire or other calamity beyond its present condition as determined by the GCLBA, or environmental hazards are found, at any time prior to actual demolition, the Authority reserves the right to remove the structure from the bid; or in the event of bid award, to remove the structure(s) from the award and reduce the price by the Contractors' bid for that structure(s).**
- B. GCLBA reserves the right to cancel any project(s) that has been issued on a bid or entered into a contract if GCLBA has deemed project(s) infeasible and is unable to proceed with the demolition.

#### 1.5 USE OF CITY OF FLINT WATER

- A. **All contractors are REQUIRED to have and use a water truck. Water truck must be on site at all times**, provided by a contractor to water mist, temporary enclosures, and other suitable methods to limit the spread of dust and dirt. Comply with governing environmental protection regulations. **If respondent/contractor does not include a water truck in list of equipment, submitted response shall be considered non-responsive.**
- B. All contractors are required to provide proof of: a) water source, b) legality of use of the source, c) where the source requires payment, proof of payment for quantity used, and d) proof of approval for use of specific hydrants utilized.

The City of Flint has a limited number of water meters available for rent. These meters will be rented to contractors with the understanding that contractors follow the following procedures:

- (1) Only use hydrants sparingly. Contractor must notify the appropriate City of Flint water official prior to hooking up to a hydrant and acquire approval.
- (2) Contractor must then use that hydrant to refill water trucks.

Meters should not be moved from hydrant to hydrant based on geography of demolition projects. Contractor is to strategically select one hydrant for all projects in an area and use the selected and approved hydrant to meter the water used for filling water truck. This is a requirement in order to remain in compliance with EPA and DEQ edicts to the City of Flint and in order to reduce damage to the aging infrastructure.

**Any contractor that is illegally using the City of Flint water/fire hydrants, or illegally sourcing water from any site, will face penalties up to suspension or debarment by the Genesee County Land Bank.**

- C. **Adequately Wet-** As defined in 40 CFR Part 61, Subpart M, sufficiently mix or penetrate with liquid to prevent the release of particulates from the source material. Continue wetting asbestos-containing material (ACM) if visible emissions are encountered during abatement activities. When uncertainties arise, continue wetting material until uncertainties diminish.
- D. Do not create hazardous or objectionable conditions, such as ice, flooding, and pollution, when using water.

#### 1.6 LIQUIDATED DAMAGES

- A. CONTRACTOR and the GCLBA recognize that time is of the essence for this Contract and that GCLBA will suffer financial loss if the Work is not completed within the times specified in the Term of Contract, plus any extensions thereof allowed in accordance of Contract. The parties also recognize the delays, expense, and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by GCLBA if the Work is not completed on time. Accordingly, instead of requiring any such proof, GCLBA and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty), CONTRACTOR shall pay GCLBA \$250.00 for each day that expires after the time specified in Notices to Proceed, as well as Term of Contract for Substantial Completion until the Work is substantially complete. After Substantial Completion, if CONTRACTOR shall neglect, refuse, or fail to complete the remaining Work within the Contract Time or any proper extension thereof granted by GCLBA, CONTRACTOR shall pay GCLBA \$250.00 for each day that expires after the time specified in the Term of Contract for completion and readiness for final payment until the Work is completed and ready for final payment. If the work is not completed to the GCLBA's specifications, at the discretion of the GCLBA, the GCLBA will make the necessary repairs and decrease that amount from the Contractor's contracted amount.

#### 1.7 WARRANTY.

- A. In addition to any other warranties set forth elsewhere in this Contract, Contractor warrants that Work performed and materials furnished under this Contract conform to the Contract requirements and as required in the ("Contract"), and are free of any defect of equipment, material or design furnished, or workmanship performed by Contractor or any of its subcontractors or suppliers of any tier. Such warranty shall continue for a period of 1 year from the date of final acceptance of the Work by Owner/Relevant Parties, or for such other greater period of time as may be specified in the ("Contract"). Under this warranty, Contractor shall remedy at its own expense any such failure to conform or any such defect. In addition, Contractor shall remedy at its own expense any damage to real or personal property owned or controlled by Owner/Relevant Parties when that damage is the result of Contractor's failure to conform to Contractor requirements or of any defect in equipment, material, workmanship or design furnished by Contractor. Contractor shall also restore any work damaged in fulfilling the terms of this Article.

#### 1.8 RE-INSPECTION FEE.

- A. If the Contractor's work fails the GCLBA's inspection after Contractor requests inspection, the GCLBA will charge Contractor a \$75 re-inspection fee per re-inspection.

#### END OF SECTION 100

## SECTION 200- SOIL EROSION –SEDIMENTATION CONTROL

### PART 1– GENERAL INFORMATION

#### 1.1 Related Documents

- A. Drawings, reports, and general provisions of the contract, including General Conditions and other Division I specifications sects apply to this section.

#### 1.2 DESCRIPTION

- A. Soil erosion permits are required for certain parcels. Contractor, at Contractor's expense, shall secure waivers and/or permits for soil erosion, demolition, utility cut/plug and/ or well/septic abandonment permits. **Soil erosion permit or waiver is a required submittal for receipt of payment.**

#### 1.3 SCHEDULING

- A. Control measures shall be constructed by the Contractor prior to the time demolition work starts and maintained throughout the demolition and site restoration work.

### PART 2 - PRODUCTS

#### 2.1 SEED

- A. **100% Dutch white clover seed inoculated with Rhizobium bacteria – Strain B. Do not mix with annual rye or other grass seed. Seed tags must be submitted with payment request.**

#### 2.2 MULCH

- A. Mulch may be straw or wood fiber. **Do not leave twine from straw bales on lot, twine and other packaging must be disposed of off properly off site and is not considered mulch.**

### PART 3 - EXECUTION

#### 3.1 PERFORMANCE

- A. General:
  - (1) Even though a specified erosion control measure is not called out on the plans, the contractor shall properly control and/or prevent all erosion caused by the Contractor's demolition operation.
- B. Sediment Removal:
  - (1) The Contractor shall take such steps as are necessary to assure the retention and removal of any sediment which enters an existing storm sewer.
  - (2) If eroded material is allowed to enter a storm sewer system it shall be the Contractors responsibility to see that all catch basins and manholes are cleaned following demolition prior to receipt of final payment. Unless the Contractor can document positively to what extent an existing storm sewer system along the cleaning the system.
  - (3) All eroded materials deposited in the street gutter as a result of this work shall be removed by the Contractor promptly at the Contractor's expense.

C. Restoration of Surface:

- (1) Restoration is limited to backfill and compaction of disturbed areas and grading, seeding, and mulching of the Right of Way. Final grading, seed and mulch shall be performed by the Contractor.

**END OF SECTION 200**

**SECTION 300 – EARTHWORK <Updated 5/24/2017>**

**PART 1 - GENERAL**

**1.1 RELATED DOCUMENTS**

- A. Excavating, filling, and grading for this work includes, but is not necessarily limited to:

- (1) Filling and backfilling to attain indicated grades

**1.2 PROJECT CONDITIONS**

- A. Dust Control

- (1) **Water truck must be on site at all times provided by contractor.** The Contractor shall use all means necessary to control dust on and near the work and on and near all off-site borrow areas if such dust is caused by the Contractor's operations during performance of the work or if it results from the condition in which the Contractor leaves the site.
- (2) All Surfaces shall be thoroughly moistened as required to prevent dust from being a nuisance to the public and adjacent properties

- B. Protection

- (1) The Contractor shall use all means necessary to protect adjacent property before, during, and after demolition work.
- (2) **In the event of damage, the Contractor shall immediately make all repairs and replacement necessary to the approval of the GCLBA Site Manager/Demolition Program Manager and at no additional costs to the GCLBA.**

- ii. Safety

- (1) The Contractor is responsible for conducting operations in a safe and orderly manner and in conformance with Michigan P.A. 154.

- iii. Permits

- (1) SEE SECTION 200.1.2.A

**1.3 REFERENCES**

- A. State of Michigan Department of Transportation (MDOT), 2012 Standard Specifications for Construction. Copies are available on the MDOT website:  
<http://mdotwas1.mdot.state.mi.us/public/specbook/2012>
- B. State of Michigan Department of Transportation Density Testing and Inspection Manual - (2010), (copies available for review on MDOT website: [http://www.michigan.gov/mdot/0,1607,7-151-9622\\_11044\\_39444---,00.html](http://www.michigan.gov/mdot/0,1607,7-151-9622_11044_39444---,00.html); copies are available for purchase from the Michigan Department of Transportation, Lansing, MI).



## **PART 2 - PRODUCTS**

### **2.1 FILL MATERIAL <UPDATED 4/20/16>**

#### **2.1.1 General Requirements**

- A. Content of fill material up to 18 inches from the surface. All fill material except MDOT Class II Granular Material, shall be subject to the approval of the Authority.
- B. Content of fill material from the 18 inch mark up to 6 inches from the surface: Use loamy material or a sandy clay (mined from the earth and not manufactured) to allow for proper drainage on the site.
- C. For approved fill material, notify the Authority in advance of the intention to import material, its location and the source material sites name, address, and telephone number.
- D. Pulverized building materials or debris shall not be used as fill materials.
- E. Any fill material obtained from off-site sources shall be free from contamination and shall meet specific environmental and quality assurance requirements as outlined below. Contractor shall provide documentation from each source of fill verifying the fill to be free of contaminants prior to bringing on site (Refer to Section 300 2.1.3).

#### **2.1.2 Material Testing Requirements**

- A. Testing requirements and certification for backfill materials (i.e. sandy loam fill, clay, topsoil) will differ based on the source site Category. Source site categories are defined as follows:
  - 1. Category 1: Virgin (Native) Commercial Borrow and Sand/Gravel Pit Sites;
  - 2. Category 2: Commercial, Utility, and Road Construction Sites; Commercial Landscape Yards, Agricultural Sites, Amended Topsoil;
  - 3. Category 3: Industrial, Known Sites of Environmental Contamination (Gas Stations, Dry Cleaners, etc.) Dredge Sites, and Other.
- B. **Sampling Requirements by Category**: Contractor must receive approval from the Authority prior to import of backfill materials. Approval for import of backfill materials is conditioned upon submittal and review of the information described below and as outlined in the deliverables section:
  - 1. Category 1 and Category 2 Source Sites:  
For each of the backfill materials, the Contractor shall furnish a certification to the Authority, for each source location stating the following:
    - a. The origin of the backfill material and address location.
    - b. Affirm no evidence of known or suspected sources of environmental contamination that may have impacted proposed backfill materials.
    - c. The backfill materials are homogeneous in nature, description of general composition of the backfill materials, affirmation that materials are free from debris, large rocks, concrete, or other conditions, which would make the material unsuitable for use as backfill, and meet the backfill specification described in the Contract Documents.
    - d. Certifies that all information submitted complete and accurate,
    - e. Certify that the soil samples were collected by a qualified and knowledgeable individual and identify that individual,

- f. Certify that samples were collected and analyzed in accordance with methods approved by the USEPA SW-846 and/or MDEQ PA 201
- g. Certify that the soil samples are representative of the entire material proposed for use at the Authority's properties.
- h. Collection of the following discrete soil samples representative of the backfill material to be imported:
  - i. Category 1 Source Site
    - One (1) representative Environmental Sample for analyses identified below per site per year, and
    - One (1) representative Quality Assurance sample for analyses identified below, per site per year.
  - ii. Category 2 Source Site
    - One (1) representative Environmental Samples for analyses identified below per 5,000 cubic yards of material.
    - One (1) representative Quality Assurance sample for analyses identified below, 5,000 cubic yards of material.
- i. Complete laboratory analyses as described below for each soil sample collected.
- j. For Category II Source Sites provide the volume of the source material.
- k. Provide a scaled site map or aerial photograph depicting the source material origin and sample location(s).
- l. Prepare a complete deliverable package as described below.

2. Category 3 Source Sites:

Backfill materials from Category 3 source sites are **prohibited** for use at project sites without a site specific evaluation by a Qualified Environmental Professional and approval by the Authority, **in advance**.

For Category 3 Source Sites, Contractors can retain a Qualified Environmental Professional to conduct an independent evaluation of the proposed backfill material and propose a work plan to the Authority in advance of sampling and testing. Sampling frequency, methodology, and strategy must be detailed and designed to demonstrate that the proposed backfill materials meet Michigan Department of Environmental Quality (MDEQ) Part 201 Cleanup Criteria for Unrestricted Residential use. After work plan review and approval by the Authority, the Contractor's Environmental Professional will be required to implement the work plan and prepare a complete deliverable package as described below for review and approval.

C. **Environmental Sample Parameters**

For each discrete soil sample collected, laboratory analytical parameters and methods shall meet the following requirements:

- 1. Volatile organic compounds (EPA Method 8260) – Note: Backfill material with any detectable concentrations of volatile organic compounds may be rejected.
- 2. Semi-volatile organic compounds (EPA Method 8270)
- 3. Pesticides/PCBs (EPA Method 8081/8082)
- 4. Metals, including: arsenic, barium, cadmium, copper, lead, mercury, selenium, silver, zinc (EPA Method 6020, 7470/7471)

5. Chloride, add for road construction projects or soils located beneath parking lots only (EPA Method 9056).

The above identified target parameters for backfill materials must be below the latest published MDEQ Part 201 Generic Residential Cleanup Criteria (GRCC).

Acceptable target ranges for environmental testing will be as follows:

| Parameter                                 | Acceptable Range |
|-------------------------------------------|------------------|
| Environmental Testing (VOCs, SVOCs, PCBs) | <TDL             |
| Environmental Testing                     | <GRCC            |

TDL – Target Detection Limit (Please note any detection in laboratory report for further evaluation by Authority)

GRCC – Generic Residential Cleanup Criteria published by the Michigan Department of Environmental Quality

#### D. Sample Collection Methodologies

The Authority encourages Contractors to use Environmental Professionals to perform soil sampling; thereby ensuring that Contract Document requirements are strictly adhered. The Authority reserves the right to reject any sampling and testing data that does not strictly adhere to this Sampling Methodology and Laboratory Analysis guidance.

Soil sampling methodology is most often contingent upon physical characteristics of the medium to be sampled, in most cases, simple hand tools will suffice. Follow these procedures to collect soil samples with a scoop or trowel:

1. Using a pre-cleaned stainless steel scoop or trowel, remove vegetation and top layer of soil, then loosen the desired volume of soil from the sampling area.
2. Transfer the discrete grab sample into an appropriate sample container.
3. Secure the cap tightly. Methanol preservation of soils (EPA Method 5035) is required for volatile organic compound analysis.
4. Label and tag the sample containers, and record appropriate data on soil sample data sheets (depth, location, color, and other observations).
5. Place glass sample containers in sealable plastic bags, if required, and place containers into an iced shipping container. Samples should be cooled to 4°C as soon as possible.
6. Complete chain of custody forms and ship as soon as possible to minimize sample holding time. Scheduled arrival time at the analytical laboratory should give as much of a holding time as possible for scheduling and sample analysis.

#### E. Quality Assurance Testing Parameters <Updated 5/24/2017>

Applicable to Topsoil and Amended Topsoil. For the imported materials the borrow area shall be sampled for the following material quality assurance parameters:

1. Topsoil
  1. Six (6) inches of screened top soil must be applied to each lot. (Topsoil must be free of asphalt, pulverized building materials, and construction debris).
  2. Contractor must use a one (1") or less, single screen to screen top soil.
  3. Topsoil shall be sourced from a clean borrow source or supplier.
  4. Topsoil consisting of Friable Sandy Loam that can be pulverized under normal hand pressure may also be acceptable.

5. Topsoil consisting of Sandy Clay Loams with the lowest possible clay proportion may also be acceptable.
6. Conforming to ASTM D2487 Group Symbol SM.
7. Free of roots, rocks larger than ½-inch, subsoil, debris, large weeds and foreign matter (including any construction rubble, or other man-made items).
8. **If compost is used, it shall be derived from plant material and meet the general criteria set forth by the U.S. Composting Seal of Testing Assurance (STA) program. The compost shall be the result of the biological degradation and transformation of plant-derived materials under conditions that promote anaerobic decomposition. The material shall be well composted, free of viable weed seeds, and stable with regard to oxygen consumption and carbon dioxide generation. The compost shall have a moisture content that has no visible free water or dust produced when handling the material.**
9. Topsoil shall not be overly compacted.
10. Acceptable target ranges for Topsoil will be as follows:

| Parameter        | Acceptable Range |
|------------------|------------------|
| pH               | 5.5 – 8.5        |
| % Organic Matter | 2% - 25%         |
| Texture Class    | SM               |

#### 2.1.3 Deliverables

Contractor must provide the following deliverables that backfill materials are below MDEQ Part 201 GRCC and within target Quality Assurance parameters as outlined above. Deliverables should include at a minimum:

1. Statement of Certification from Contractor including, but not limited to: backfill material type; location of material, including address and name; homogeneous nature of material, no evidence of environmental contamination, and that material meets backfill specifications as described in the Contract Documents. Certification should include all lab results from soil samples collected for backfill materials.
2. Certification Form per material, for approval by Authority upon review of the above identified deliverable.
3. A site map and aerial photograph depicting the location of the source material origin and a sample location map.

Provide Authority with the above Quality Control Reports at least **ten (10) working days in advance** of delivery to project site. The Authority reserves the right to reject backfill materials if deliverables are not completed properly and in their entirety or if parameters reveal contamination in excess of the acceptable criteria. No material will be transported to the property prior to the GCLBA's written approval.

In the event the Environmental or Quality Assurance testing shows that imported material does not meet specifications, the Contractor will be required to determine the extent and remove the non-specified materials and supply acceptable material.

The following does not constitute acceptance of the Work in the event the Work or any material is not in accordance with the Contract Documents, and therefore does not release the

Contractor from its obligation to perform and furnish the Work/Material in accordance with the Contract Documents:

1. a certification by the Authority or Authority's Representative of any Request for Payment or final payment;
2. the issuance of a Substantial Completion certificate;
3. any payment by the Owner to the Contractor;
4. any Partial Use;
5. any act of acceptance by the Owner or any failure to do so;
6. any review and approval of a Shop Drawing, sample, test procedure or other Submittal;
7. any review of a Progress Schedule;
8. any On-Site Inspection;
9. any inspection, test or approval;
10. any issuance of a notice of acceptability by the Authority or Authority's Representative;  
or
11. any correction of defective Work or any completion of Work by the Authority or Authority's Representative.

Due to any independent inspection or testing performed by the Authority, if the imported material is found not to meet the specifications, the Contractor must (a) pay all related costs, including an appropriate portion of the delay and costs occasioned by discovery of defective work; (b) schedule related activities; (c) repair and associated damage including impacts to human health and the environment; and (d) promptly remove and replace defective work.

If the Contractor covers any Work without proper approval by the Authority as required by the Contract Documents, the Contractor must, at its own expense, uncover, expose or otherwise make available, when requested by the Authority, for testing, inspection or approval of the covered Work.

Examples and templates for certification forms and statements can be found in Appendix 7.

### **PART 3 – EXECUTION <Updated 5/24/2017>**

#### **3.1 PREPARATION**

- A. Protect structures, utilities, sidewalks, pavements, and other facilities to remain from damage caused by settlement, lateral movement, undermining, washout, and other hazards created by earthwork operations.
- B. Provide erosion control measures to prevent erosion or displacement of soils and discharge of soil-bearing water runoff or airborne dust adjacent properties, drives and walkways.
- C. Protect existing trees to remain.

#### **3.2 DEWATERING**

- A. Prevent surface water and subsurface or ground water from entering excavations, from ponding on prepared subgrades, or from flooding Project site and surrounding area.
- B. Protect subgrades from softening and damage by rain or water accumulation.

#### **3.3 EXCAVATION**

- A. Explosives: Do not use explosives.

- B. Unclassified Excavation: Excavation is unclassified and includes excavation to required subgrade elevations regardless of the character of materials and obstructions encountered.

### 3.4 STABILITY OF EXCAVATIONS

- A. Comply with local codes, ordinances, and requirements of authorities having jurisdiction to maintain stable excavations.

### 3.5 APPROVAL OF SUBGRADE

- A. Notify GCLBA's representative when excavations have reached required subgrade.
- B. When GCLBA's representative determines that unforeseen unsatisfactory soil is present, continue excavation and replace with compacted backfill or fill materials as directed.
- C. Reconstruct subgrades damaged by freezing temperatures, frost, rain, accumulated water, or construction activities, as directed by the GCLBA's representative.

### 3.6 STORAGE OF SOIL MATERIALS <Updated 5/25/2017>

- A. Stockpile materials acceptable for backfill and fill soil materials, including, acceptable borrow materials. Stockpile soil materials without intermixing. Place, grade, and shape stockpiles to drain surface water. Cover to prevent wind-blown dust.
  - (1) Stockpile soil materials away from edge of excavations. Do not store within drip line of remaining trees.
  - (a) Barriers must be installed at all excavations to protect public safety until receipt of open hole approval.

### 3.7 BACKFILL

- A. Backfill excavations promptly, but not before completing the following:
  - (1) Receipt of approval to proceed from local municipality building inspector.
  - (2) Acceptance of removals below finish grade.
  - (3) Removal of trash and debris from excavation.
  - (4) Removal of temporary shoring and bracing and sheeting

### 3.8 FILL <Updated 5/25/2017>

- A. Preparation: Remove vegetation, topsoil, debris, wet and unsatisfactory soil materials, obstructions, and deleterious materials from ground surface prior to placing fills.
  - (1) Plow strip, or break up sloped surfaces steeper than 1 vertical to 4 horizontal so fill material will bond with existing surface.
- B. When subgrade or existing ground surface to receive fill has a density less than that required for fill, break up ground surface to depth required, pulverized, moisture-condition or aerate soil and re-compact to require density.
- C. Place fill in layers to an elevation of between 8" to 18" above adjacent undisturbed ground.
- D. **Any open hole in excess of 3' in depth left unattended is to be extended or partially filled to create a slope no less than 10' in width on one of the four sides that would allow any person or animal falling into the hole to escape by climbing up a reasonably scalable slope.**

- E. All fill material is subject to random inspection and sampling and must meet all backfill & top soil sampling and certification requirements. (APPENDIX 1B: SCOPE OF WORK/SUMMARY OF WORK)

### 3.9 BARRIERS

- A. Contractor shall install and maintain barriers at all excavations to protect public safety.
- B. Provide barriers to prevent unauthorized entry to construction areas and to protect existing facilities and adjacent properties from damage from construction operations.
- C. Contractor shall install and maintain barriers at all open hole and/ or debris pile. A minimum of 3' tall perimeter safety barrier fence must be erected and maintained around the entire circumference of the hole and/or any debris pile. No existing fence or structure at the site may be used as part of the required safety barrier.
- D. **At any time during the demolition process when an open hole and/ or debris pile must be left unattended more than 48 hours, a 4' tall perimeter safety barrier fence must be erected and maintained around the entire circumference of the hole and/or any debris pile.** No existing fence or structure at the site may be used as part of the required safety barrier.
  - a) Safety Barrier must be 4' high and must be constructed of orange high-density polyethylene material with 1.75" X 1.75" mesh equal to Tenax Guardian Warning Barrier.
  - b) Safety Barrier Fence must be installed using commercially available wooden or metal stakes that will secure and hold up the safety barrier.
  - c) Safety Barrier Fence stakes must be installed in solid ground approximately three feet away from the corners of the open hole or debris pile and driven to a depth of 24" below grade with a minimum of 4' remaining above ground.
  - d) Safety Barrier Fence spans in excess of 20' must have an interstitial stake, spaced equally between corner stakes.
  - e) Securely attach the Safety Barrier Fence to each stake using heavy duty cable ties at no less than 4 locations, spaced evenly along the length of the stake.
  - f) Mend individual pieces of Safety Barrier Fence using cable ties at each row of mesh.
  - g) Finished installation must yield a taught, secure enclosure with no noticeable sagging and the contractor is responsible for regularly inspecting and maintaining the Safety Barrier and making any corrections needed immediately. If the contractor is notified of an issue with a safety barrier, then within 24 hours of notification the needed correction shall be made.

### 3.10 MOISTURE CONTROL

- A. Uniformly moisten or aerate subgrade and each subsequent fill or back fill layer before compaction to within 2 percent of optimum moisture content.
  - (1) Do not place backfill or fill material on surfaces that are muddy, frozen, or contain frost or ice.
  - (2) Remove and replace, or scarify and air-dry satisfactory soil material that is too wet to compact to specified density.

### 3.11 COMPACTION

- A. Place backfill and fill materials in layers not more than 18 inches in loose depth. Contractor shall achieve compaction by reasonable means as determined by the Contractor. All methods of compaction shall be approved by the GCLBA's representative. Heavy equipment such as loaders,

bulldozers, etc. may be used to achieve compaction if approved by the GCLBA's representative. If the compaction methods do not achieve the required compaction, then mechanical vibratory equipment shall be used.

- B. Topsoil shall not be heavily compacted. Use light-weight tractor for final grading to ensure topsoil does not become compacted.**

### 3.12 GRADING

- A. General: Uniformly grade areas to a smooth surface, free from irregular surface changes. Comply with compaction requirements and grade to cross sections, lines, and elevations indicated.
  - (1) Provide a smooth transition between existing adjacent grades and new grades.
  - (2) Cut out soft spots, fill low spots, and trim high spots to conform to required surface tolerances.
- B. Site Grading: Slope grades to direct water to the back of the lot, in order to prevent water and debris from more easily entering storm drains. Provide a uniform finished surface grade sloped at 2% minimum and 5% maximum. Match existing grade at adjacent property lines.

### 3.13 SEEDING AND WATERING

- A. **\*\*Note- Seeding and Watering Report as well as seed tags required for payment**
- B. **100% Dutch white clover seed applied at a rate of rate of 2 oz. of seed per 1,000 sq. ft., placed upon six (6) inches of screened topsoil. Contractor must use a one (1") inch or less screen to screen top soil. (See Part 2 – Products – H Top Soil for specification)** Prior to planting, seed must be inoculated with the correct strain of Rhizobium bacteria (Strain B). Use a cultipacker pulled by a light-weight tractor (do not use heavy equipment on the site that would compact the topsoil layer) to ensure seed has good contact with the soil. Plant seed ¼" deep. Mulch entire planting area to ensure proper moisture levels, removing bale string from the site.
- C. Contractor must demonstrate that the site has been watered within 7 days of the seeding date sufficient to allow for seed germination. Notify the Genesee County Land Bank of the date of seeding via email to: [adunn@thelandbank.org](mailto:adunn@thelandbank.org). Fill out Seeding and Watering Report. Contractors are encouraged to use weather forecasts to plan seeding that takes advantage of natural rainfall to germinate seed. Contractors are responsible for watering the site if there is no rainfall sufficient for germination in the 7 days after seeding.

### 3.14 PROTECTION

- A. All trees of a diameter of 4" or greater located outside of five (5) feet from the structure to be demolished shall be protected. If such trees are damaged, the contractor shall replace damaged tree as directed by GCLBA/GCLBA's Representative.
- B. Protecting Graded Areas: Protect newly graded areas from traffic, freezing, and erosion. Keep free of trash and debris.
- C. Repair and re-establish grades to specified tolerances where completed or partially completed surfaces become eroded, rutted, settled or lose compaction due to subsequent construction operations or weather conditions.
  - (1) Scarify or remove and replace material to depth directed by the GCLBA's representative; reshape and re-compact at optimum moisture content to the required density.



- D. Settling: Where settling occurs during the Project correction period, remove finishing surfacing, backfill with additional approved material, compact, and reconstructing surfacing.

- (1) Restore appearance, quality, and condition of finished surfacing to match adjacent work, and eliminate evidence of restoration to the greatest extent possible.

#### 3.15 DISPOSAL OF SURPLUS AND WASTE MATERIALS

- A. Disposal: Remove surplus satisfactory soil and waste material, including unsatisfactory soil, trash, and debris, and legally dispose of it off the GCLBAs property.

#### 3.16 PAYMENT

- A. The work of excavating, filling, and grading shall be included in the lump sum project costs. The work of grading shall include all labor, materials and equipment necessary for filling and compaction the subgrade prior to placing any improved surface. **Any areas disturbed by construction activities shall be re-graded and reseeded if necessary.**

**END OF SECTION 00300**

## SECTION 400 – BUILDING DEMOLITION

### PART 1 – GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Condition and Division 1 Specifications Sections, apply to this section.

#### 1.2 SUMMARY

- A. This Section includes the following:
  - (1) Demolition and removal of building, basements, and foundations.
  - (2) Demolition and removal of site improvements, including but not limited to retaining walls, paving and foundation landscaping. Existing trees 4" in diameter, located outside of five (5) feet from the structure shall remain and be protected during demolition.
- B. Related Sections: The following contain requirements that relate to this Section.
  - (1) Division 1 Section "Soil Erosion-Sedimentation Control".
  - (2) Division 2 Section "Excavating, Filling and Grading" for soil materials, excavating, backfilling, and site grading.

#### 1.3 DEFINITIONS

- A. Remove: Remove and legally dispose of items except those indicated to be reinstalled, salvaged or to remain the GCLBA's property.
- B. Existing to Remain: Protect items indicated to remain against damage during demolition.

#### 1.4 MATERIALS OWNERSHIP

- A. Except for items or materials indicated to be reused, salvaged, or otherwise indicated to remain the GCLBA's property, demolished materials shall become the Contractor's property and shall be removed from the site with further disposition at the Contractor's option.

#### 1.5 SUBMITTALS

- A. General: Submit each item in this Article according to the Conditions of the Contract & Division I Specifications sections, for information only, unless otherwise indicated.
- B. Proposed dust-control measures.
- C. Proposed noise control measures.
- D. Schedule of demolition activities indicating the following:
  - (1) Detailed sequence of demolition and removal work, with starting and ending dates for each activity.
- E. Inventory of items to be removed and salvaged.
- F. Landfill records for record purposes indicating receipt and acceptance of hazardous wastes by a landfill facility licensed to accept hazardous wastes.
- G. Seeding and Watering Report
- H. Seed tags from Dutch white clover seed

- I. Sidewalk and/or curb replacement permit and certification from City or Township.

#### 1.6 QUALITY ASSURANCE

- A. Demolition Firm Requirements: Contractor shall have successfully completed demolition work similar to that indicated for this project.
- B. Regulatory Requirements: Comply with governing EPA, state and local notification regulations before starting demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.

#### 1.7 PROJECT CONDITIONS

- A. Contractor is responsible to comply with any/all required demolition permits required by local authorities and ordinances.
- B. Buildings to be demolished will be vacated and their use discontinued before start of work.
- C. GCLBA assumes no responsibility for actual condition of the buildings to be demolished
  - (1) Conditions existing at time of inspection for bidding purpose will be maintained by GCLBA as far as practical.
- D. Storage or sale of removed items or materials on-site will not be permitted
- E. Landfill Disposal:
  - (1) Contractor shall supply GCLBA with a copy of landfill and disposal receipts.

#### **PART 2-PRODUCTS (Not Applicable)**

#### **PART 3-EXECUTION**

##### 3.1 EXAMINATION

- A. Survey existing conditions and correlate with requirements indicated to determine extent of demolition required.
- B. Survey the condition of the buildings to determine whether removing any element might result in a structural deficiency or unplanned collapse of any portion of the structure or adjacent structures during demolition.
- C. Perform surveys as the Work progress to detect hazards resulting from demolition activities.

##### 3.2 PREPARATION

- A. Drain, purge, otherwise remove, collect, and dispose of chemicals, gases, explosives, acids, flammables, or other dangerous materials before proceeding with demolition operations.
- B. If necessary, employ a certified, licensed exterminator to treat building and to control rodents and vermin before and during demolition operations.
- C. Conduct demolition operations and remove debris to ensure minimum interference with roads, streets, walks, and other adjacent occupied and used facilities.
  - i. Do not close or obstruct streets, walks, or other adjacent occupied or used facilities without permission from the GCLBA and authorities having jurisdiction. Provide alternate routes around closed or obstructed traffic ways if required by governing regulations.

- D. Conduct demolition operations to prevent injury to people and damage to adjacent buildings and facilities to remain. Ensure safe passage of people around demolition area.
  - i. Erect temporary protection such as walks, fences, railings, canopies, and covered passageways, where required by authorities having jurisdiction.
  - ii. Protection existing site improvements, appurtenances, and landscaping to remain.
  - iii. Erect a plainly visible fence around drip line of individual trees or around perimeter drip line of groups of trees to remain.

### 3.3 EXPLOSIVES

- A. Use of explosives will not be permitted.

### 3.4 POLLUTION CONTROLS

Under the authority of Section 112 of the Clean Air Act, as amended, 42 U.S.C. 1857(c-7), the Administrator of the United States Environmental Protection Agency (EPA) promulgated National Emission Standards for Hazardous Air Pollutants on April 6, 1973, (38 F.R. 8820) Asbestos was designated a hazardous air pollutant, and standards were set for its use, and to control asbestos emissions. It was determined that one significant source of asbestos emissions was the demolition of certain buildings and structures.

Additionally, contractors are required under authority of Section 114 (a) to follow EPA personnel to freely enter any of your facilities or demolition sites, to review any records, inspect any demolition method, and sample or observe any omissions.

All demolition operations conducted by the Demolition Contractor are to be in compliance with application provisions of Section 112 of the Act and 40 C.F.R. Section 61.22(d).

In addition, Section 113(c)(1) of the Act (42 U.S.C. 1857 C-8(c)(1), provides that any person who knowingly fails or refuses to comply with any such order shall be punished by a fine of not more than \$25,000 per day of violation, or by imprisonment for not more than one year, or by both.

Finally, Section 113(c)(2) of the Act (42 U.S.C. 1857 C-8(c)(2), provides that any person who knowingly makes any false statement in any report required under the Act shall be punished, upon conviction, by a fine of not more than \$10,000 or by imprisonment for not more than six months, or by both.

- A. Use water mist, temporary enclosures, and other suitable methods to limit the spread of dust and dirt. Comply with governing environmental protection regulations.
  - i. Do not create hazardous or objectionable conditions, such as ice, flooding, and pollution, when using water.
- B. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
- C. Clean adjacent buildings and improvements of dust, dirt and debris caused by demolition operations. Return adjacent areas to condition existing before start of demolition.
- D. Contractor shall limit hours of operation to Monday through Friday during the hours of 7:00 a.m. to 6:00 p.m. Special hours of operation outside the normal hours must be approved by the GCLBA. Contractor shall limit noise pollution at all times to prevent objectionable conditions.

### 3.5 DEMOLITION

- A. Building Demolition: Demolish buildings, structures, facilities, and other debris including brush and trees or logs, and completely remove from the site. Use methods required to complete Work within limitations of governing regulations and as follows:
- (1) Locate demolition equipment throughout the building and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
  - (2) Dispose of demolished items and materials promptly. On-site storage or sale of removed items is prohibited.
  - (3) Small buildings may be removed intact when permitted by the GCLBA'S representative and approved by authorities having jurisdiction.
  - (4) Break up and remove concrete slabs on grade, unless otherwise shown to remain.
  - (5) Remove air-conditioning equipment without releasing refrigerants.
  - (6) Remove structural framing members to ground to avoid free fall and to prevent ground impact and dust generation.
- B. Below-Grade Construction: Demolish foundation walls and other below-grade construction, as follows:
- Basement Excavation
- (1) Below grade structures foundation/basement floor shall be totally removed.
- C. Filling Below-Grade areas: Completely fill below-grade areas and voids resulting from demolition of buildings and pavements with soil materials according to requirements specified in Section 300 Earthwork.
- D. Damages: Promptly repair damages to adjacent facilities caused by demolition operations.
- E. Special Conditions
- The Contractor shall preserve all surrounding buildings and property. Contractor should note the proximity of surrounding buildings. **Any** damage to surrounding buildings or property will be repaired by the Contractor at Contractor expense.

### 3.6 DISPOSAL OF DEMOLISHED MATERIALS

- A. General: Promptly dispose of demolished materials. Do not allow demolished materials to accumulate on-site.
- B. Burning: Do not burn demolished materials.
- C. Disposal: Transport demolished materials of GCLBA's property and legally dispose of them.
- D. Contractor shall supply GCLBA with a copy of all landfill and disposal receipt. All disposal receipts and waste manifests must be supplied to the GCLBA in a timely manner to insure payment will be paid in a timely manner.

### 3.7 MEASUREMENT & PAYMENT

- A. The work of Building Demolition shall not be paid for separately but shall be included in the lump sum of project costs.

### END OF SECTION 400



### **NOTICE TO ALL CONTRACTORS**

Representatives of the City of Flint and the Genesee County Land Bank met Tuesday, November 5, 2013 with representatives from the local landfills, MIOSHA, and MDEQ. The following notice outlines several important compliance issues that were discussed in that meeting. Please be advised that upon signing a contract with the Genesee County Land Bank, you will be considered to be in receipt of this memorandum. It will further be assumed that your organization has read and understood the outlined issues, and agreed to comply with the outlined actions to be taken in response.

**1) NOTIFICATIONS: Contractor must submit 10-day NESHAP project notifications for ALL demolition projects including Ordered/Emergency Demolitions. NO EXCEPTIONS!**

2) **LICENSING:** Per MIOSHA, only contractors that are licensed under the company name can perform ordered demos, which are to be presumed to contain friable asbestos. A state issued accreditation card for asbestos work is not an asbestos abatement contractor's license as defined by PA 135 of 1986 Asbestos Abatement Contractors Licensing Act. Any contractor demolishing a structure that is presumed to be containing must follow MIOSHA regulations in the demolition process (i.e. have masks, suits, HEPA vacuums, showers, etc.) on site. For clarification and assistance with compliance, please contact Scott Thelen at MIOSHA (contact information to follow).

3) **ABATEMENT:** As far as MIOSHA is concerned, an ordered demolition qualifies as Class I abatement work as asbestos is still literally being removed from the site.

4) **SURVEYS:** Contractors must have a copy of a completed (asbestos) survey on site at all times for all demos, unless the structure is an ordered demolition and presumed to contain friable asbestos. In which case, the contractor must meet the requirements mentioned above. I would further note that all manifests associated with ordered demolitions need to clearly state "friable asbestos."

5) **TRANSITE** siding will be sampled and removed regardless if it is an ordered demolition or regular demolition in accordance to NESHAP and MIOSHA regulations. The only exception for transite is if the building is deemed structurally unsafe to remove it will be demolished as asbestos containing.

6) **WETTING:** NESHAP has guidelines and waivers regarding wetting of ordered demos in temperatures below 32 degrees (including daily temperature logs); MIOSHA however, never waives a requirement and informed us that demos will still need to be wetted for worker safety in the winter months. Mr. Thelen suggested there are some methods of compliance to avoid the hazard caused by freezing (i.e. mixing water with agents that stop it from freezing). He can be contacted for further information regarding compliance. Be aware that whatever method you use to mitigate the freezing hazard will have to remain compliant with other environmental regulations.

7) **BURNT TO THE FOUNDATION:** Structures that have been burned to the foundation, and thus are "totally destroyed by fire" ARE subject to NESHAP regulations when doing demolition. This means that waste generated in the demolition of structures burnt to the foundation **does** have to be disposed of as RACM. MIOSHA regulations also apply.

8) **NON-FRIABLES:** *While on site*, per MIOSHA, non-friable ACMs (which are not regulated by NESHAP) must be treated as containing. However, for transportation and disposal purposes, non-friables can be disposed of as regular C & D.

9) **WASTE DISPOSAL:** Waste manifests from the contractors and the dump tickets from the landfills must match, with all friable and non-friable asbestos clearly and correctly identified on the waste manifest **and** dump ticket. Finally, contractors are required to notify landfills in advance when planning to bring Regulated Asbestos Containing Materials (RACM) for disposal.

10) **FINAL INSPECTIONS/CERTIFICATIONS:** Please note that City inspectors will not issue any final certifications for a parcel that has dead/burned trees or debris (including tires, pipes, etc) remaining. Further, each contractor is expected to take every precaution necessary to protect sidewalks during demolition. Should the concrete sidewalk be significantly damaged, the contractor will be expected to repair the damage before a final certification is issued.

Finally, please review the specifications for backfill, seed, and straw. Backfill must not contain debris such as bricks or asphalt. Topsoil, seed, and sufficient straw needs to be laid in order to receive a final certification. If a parcel does not receive a final certification on the first inspection, the contractor will need to address all identified issues and call for an additional inspection. Each additional inspection will be subject to an additional inspection fee as determined by the City of Flint fee schedule.

Should you have any questions or need any assistance in complying with regulations, please contact asap:

- Representatives of the Michigan Department of Environmental Quality Air Quality Division regarding NESHAP:
  - o Craig Dechy 517-749-2891
  - o Jeremy Brown 517-599-7825
- Scott Thelen of Michigan Occupational Safety and Health Administration regarding MIOSHA at 517-284-7680

Be sure to contact the appropriate landfill regarding delivery of RACM for disposal prior to showing up on site.

**From:** Dechy, Craig (DEQ) [mailto:DechyC@michigan.gov]  
**Sent:** Thursday, July 06, 2017 8:44 AM  
**To:** Lucille James  
**Subject:** Meeting Follow-Up

Hi Lucille,

Per our conversation yesterday regarding time for third party post abatement clearances, we suggest that the contractors do the following:

On the notification form, under Project Schedule (2) use the Renovation (start / end date) to include an additional day or two at the end of the abatement for time to perform the third party clearances (during these additional two days we don't expect to see abatement occurring). Renovation can include set-up building enclosures, the asbestos removal, demobilizing and the clearances. Use the Asbestos Removal (start / end date) strictly for the dates that workers will be on-site working (abating) (during these dates we expect to see workers on site).

Also, you had requested some pointers for field staff.

- Use lots of water to eliminate fugitive dust to a point where you don't have any visible emissions. By doing so, you are being proactive.
- Follow all runs to each boot, don't assume that because you don't see wrap on five of the boots the sixth one isn't wrapped either.
- For transite removal; don't drop transite panels to the ground ever, place in bags and lower.
- For transite removal; if the home doesn't have windows, make sure you look inside the home for pieces of transite after abatement. I have found pieces of transite in the homes post abatement more than I can count on one hand.
- A binder kept on-site during jobs that may include worker accreditations, a copy of the latest notification, asbestos report, generator labels and a copy of the waste manifest that will be used along with the waste disposal site information
- Call if something doesn't look right or if there are any questions, we are here to help.

Thanks,

*Craig W. Dechy*  
Environmental Quality Analyst  
NESHAP Inspector  
State Of Michigan  
Department of Environmental Quality  
Air Quality Division  
Office: 517-749-2891  
Fax: 517-335-3122  
email: [dechyc@michigan.gov](mailto:dechyc@michigan.gov)

for information regarding the asbestos NESHAP go to: [www.michigan.gov/air](http://www.michigan.gov/air)





## **DEMOLISH AS CONTAINING- NON-ORDERED**

The following memo clarifies the distinction between and “ordered” demolition, an emergency demolition, and structures that are to be demolished as asbestos containing without either a declared ordered or emergency status. There are instances in which, for various reasons, a structure cannot be fully abated yet does not qualify as “ordered” demolition for the purposes of NESHAP (being “structurally unsound AND in imminent danger of collapse”). These structures require 10-day notifications to State regulators and should be demolished in practice as if the structures were ordered demolitions by NESHAP standards.

An ordered demolition is any demolition taking place by order of a governmental body. For example, most every demolition contracted by the City of Flint falls into this category. However, for NESHAP purposes, only structures that are "structurally unsound and in imminent danger of collapse" are to be notified as "Ordered." All other demolitions, regardless of whether they are to be demoed as containing or non-containing are subject to 10-day notifications and to be notified as "scheduled" demos.

Structures can be demolished as asbestos containing without being declared emergency or ordered demolitions by a governmental official (i.e. no emergency letter signed by the City or Township Building Safety Inspections office is required). When a structure that is not structurally unsound or in imminent danger of collapse is going to be demolished as asbestos containing it is subject to a 10-day notification as a scheduled demolition, as previously noted, however, special attention must be given to sections 10 and 11 of the NESHAP:

### **NESHAP Section 10:**

- Answer “Yes” asbestos is present.
- Answer “No” to being removed prior to demolition.
- Use the (required) asbestos survey to quantify asbestos where possible. If unable to quantify, and the whole structure is being demolished as containing, then put the approximate square footage of home that will be demolished as asbestos under square feet as RACM.

### NESHAP Section 11:

If you are able to fill out #11 check “other” and write in “entire structure” or the portion of the structure that will be removed as asbestos containing (i.e. it was possible to abate the main floor or a portion thereof but not possible to abate the basement or the back room. The main floor can be demoed and disposed of as non-containing but the basement or the back room will have to be demoed and disposed of as containing friable asbestos).

It is not an option to just assume an entire structure as asbestos containing. Structures that are being demolished as containing still must be surveyed and asbestos removed where possible. In order to demolish structures as asbestos containing, a demolition contractor must have an asbestos abatement contractors’ license and must also file a 10 day notice with the MIOSHA Asbestos Program. Additionally demolishing a structure must be performed with respect to the class of materials on the site (Class I or II). Surveys must be on site during the demolition process and all relevant rules and regulations governing the demolition of a structure as asbestos containing must be followed (i.e. contractor must be licensed under name of the company, all workers on site must be trained and wearing the appropriate safety gear, showers and water trucks must be on site, and there are to be NO VISIBLE EMISSIONS, etc.). The NESHAP states that any structure to be demolished must first be thoroughly inspected for the presence of asbestos. The key here is that you are dealing with houses that CANNOT BE THOROUGHLY INSPECTED FOR THE PRESENCE OF ASBESTOS for various reasons, and therefore the house (**or more likely- the portion of the house- as there are always some materials that can and should be tested for i.e siding**) that cannot be tested will be assumed friable asbestos and the demolition will be handled like an Ordered demo with all abatement requirements of the NESHAP (training, wetting, leak-tight, properly labeled containers, proper waste disposal and the MIOSHA regulations apply).



## **NOTICE TO ALL CONTRACTORS 3-30-16**

The following link is to a folder on Box.com that has many useful resources from the MDEQ, MIOASHA, Consumers Energy, and the Genesee County Land Bank:

<https://app.box.com/s/7g0688u520h85y4g2yvgl803anc1pv3y>

Additionally, we would like to make a few clarifications to contractors considering responding our RFPs:

- **Change Orders**- Change orders must be prepared very specifically for each project affected. Any change order that is submitted will need to explicitly and clearly state the reason the change order is needed and be submitted with sufficient back-up documentation that demonstrates the need. For demolition contracts, the change order will need to clearly state which scope is being affected (i.e. asbestos abatement, hazards abatement, demolition, backfill, or final-grade, seed & straw).
- **Disposal of materials generated under “As containing” demolitions**- Per our MDEQ representatives, concrete materials (i.e. foundations) from demolitions that are either proven or assumed RACM must be disposed of as friable asbestos. For example, all burnouts that are burned to foundation must be disposed of as friable asbestos. If a structure was thoroughly surveyed prior to burning to the foundation and only contained non-friable ACM, then the concrete material could be recycled. Recycling of *metals* from an “As Containing” demolition is allowed if the contractor has an independent third party verify that metal materials were first cleaned.
- **Section 10 of the NESHAP**- Per a discussion with Mr. Dechy of the MDEQ, the following are some examples of how to complete Section 10 of the NESHAP in various scenarios:
  - Contractors performing demolition only (after GCLB has abated) need to refer to the survey when filling out NESHAP’s, and, if asbestos was present in the survey, then they need to select “YES” to question 10. If the asbestos has been 100% removed, then they need to select “To be removed prior to demolition” and leave it at that. See below for scenarios where GCLB has abated all ACM except roofing materials, drywall joint compound composited less than 1%, or possible other non-friables in good condition and unlikely to be made friable during demolition (i.e. mastic).
  - Contractors managing demolition and abatement should follow the same rule. If **all** asbestos is removed prior to demolition, then make the selections noted above. If any materials are to remain, then contractors need to refer to scenarios below
  - When demolishing a burnout as asbestos containing, contractors need to select “YES” to question 10 and then fill out the table as best they can with information from the survey. They should enter the amount of anticipated debris as “RACM to be Removed” and include in that same area a note that the structure is a burnout.

- Contractors demolishing structures where roofing materials, drywall joint compound with a composite less than 1%, or mastic (depending on how we decide to move forward) remain in place during demolition will to select “YES”, fill out any RACM that was removed prior to demo (all RACM must be removed unless structure is a burnout or otherwise demonstrably unsafe to abate).
  - Roofing Materials: “YES” then fill in the appropriate data under “Non-friable ACM not removed prior to demo.” MIOSHA needs a notification.
  - Drywall and joint compound with a composite of less than 1%: “NO” for NESHA. MIOSHA needs a notification.
  - Mastic on non-cementous materials: “YES” then fill in the appropriate data under “Non-friable ACM not removed prior to demo.” MIOSHA needs a notification.
- **Tire transport and disposal-** When bidding on demolition and abatement bids, or bids that require disposal of tires, contractors need to be providing the Land Bank with a copy of their MDEQ Scrap Tire Hauler Registration. If you currently possess one, please forward it for inclusion in your prequalification file. If the Bidder does not have such a license, a subcontractor with said license will need to be identified and all necessary licensing and certifications (including insurance certs) will need to be included for your subcontractor with your RFP response. Additionally, when transporting and disposing of tires, contractors must utilize the Scrap Tire Transportation Record (MDEQ Form EQP5128 (12/15)).
- **Regarding hazardous and universal waste abatement-** Please read your specs and ensure that you and/or your subcontractor are abiding by all relevant local, state, and federal rules and regulations. The Land Bank may have additional requirements above and beyond your understanding of regulatory requirements.



## INSTRUCTIONS FOR THE ASBESTOS NOTIFICATION SYSTEM (ANS)

Register your business. You will need to register the business using the business owner information. **Once you register you will receive a confirmation email that you must click on to confirm registration.** After registration is confirmed you can log into the Asbestos Notification System.

Once you are able to log into the site, you will see several tabs - **Workspace, Notification Management, Notification, Profile and Manage Delegated Authority.**

The **Manage Delegated Authority** allows you to add additional users to the system. . You can add multiple delegated users to enter notifications for your business.

The **Profile Tab** allows you to update your business information or change your password

The **Workspace Tab** is where you begin your notification entry. Start your notification by clicking the button that looks like  on the right side of the screen. You can also click on the **Notification Tab** to start a new notification.

Once you are under the **Notification Tab**, you must fill in all of the required information. If there is an exclamation point (!) on any tab, information is missing or incorrect and you **will not** be able to submit your notification.

Notifications that are saved for further editing and are not submitted can be found under the **Workspace Tab**. You can revise your notification by clicking on the  tab.

Once you submit your notification, it will be saved under the **Notification Management Tab**. Under the Actions header, you can view attachments, copy, revise and cancel your notifications. You can sort by clicking the headers, and export information to Excel. You can click on the document number to print or save it.

The delete button  is for housekeeping purposes only. REMEMBER – if you delete a notification you are also deleting all notifications associated with it and will not be able to edit them once they are deleted.

**You must submit your Demolition and Renovation notifications separate and mark the appropriate project type!**

- The ANS currently supports the following browsers:
  - o Internet Explorer 10 & 11.  
Note: In IE the ANS is presently experiencing issues when generating the PDF and Excel spreadsheet. You must select the option to Always Allow pop-ups for “\*.state.mi.us” in order for these features to work.
  - o Firefox 25 and above
  - o Chrome
  - o Safari

If you have questions pertaining to the new system, please contact Kim Dohm at 517-284-6777 or [dohmk@michigan.gov](mailto:dohmk@michigan.gov).



**TABLE 2. SOIL: RESIDENTIAL**  
**PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS**

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per kilogram (ug/kg). Criteria with 6 or more digits are expressed in scientific notation. For example, 200,000 is presented as 2.0E+5. A footnote is designated by a letter in parentheses and is explained in the footnote pages that follow the criteria tables. When the risk-based criterion is less than the target detection limit (TDL), the TDL is listed as the criterion (§324.20120a(10)). In these cases, 2 numbers are present in the cell. The first number is the criterion (i.e., TDL), and the second number is the risk-based value.

| Hazardous Substance        | Chemical Abstract Service Number | Statewide Default Background Level | Groundwater Protection                         |                                                         | Indoor Air                                            | Ambient Air (Y) (C)                                      |                                          |                                          |                                      | Contact                 | Csat                                           |
|----------------------------|----------------------------------|------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------------|-------------------------|------------------------------------------------|
|                            |                                  |                                    | Residential Drinking Water Protection Criteria | Groundwater Surface Water Interface Protection Criteria | Soil Volatilization to Indoor Air Inhalation Criteria | Infinite Source Volatile Soil Inhalation Criteria (VSIC) | Finite VSIC for 5 Meter Source Thickness | Finite VSIC for 2 Meter Source Thickness | Particulate Soil Inhalation Criteria | Direct Contact Criteria | Soil Saturation Concentration Screening Levels |
| Acenaphthene               | 83329                            | NA                                 | 3.00E+05                                       | 8,700                                                   | 1.90E+08                                              | 8.10E+07                                                 | 8.10E+07                                 | 8.10E+07                                 | 1.40E+10                             | 4.10E+07                | NA                                             |
| Acenaphthylene             | 208968                           | NA                                 | 5,900                                          | ID                                                      | 1.60E+06                                              | 2.20E+06                                                 | 2.20E+06                                 | 2.20E+06                                 | 2.30E+09                             | 1.60E+06                | NA                                             |
| Acetaldehyde (I)           | 75070                            | NA                                 | 19,000                                         | 2,600                                                   | 2.20E+05                                              | 1.70E+05                                                 | 1.70E+05                                 | 2.80E+05                                 | 6.00E+08                             | 2.90E+07                | 1.10E+08                                       |
| Acetate                    | 71501                            | NA                                 | ID                                             | (G)                                                     | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | ID                      | ID                                             |
| Acetic acid                | 64197                            | NA                                 | 84,000                                         | (G)                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.70E+10                             | 1.30E+08                | 6.50E+08                                       |
| Acetone (I)                | 67641                            | NA                                 | 15,000                                         | 34,000                                                  | 2.9E+8 (C)                                            | 1.30E+08                                                 | 1.30E+08                                 | 1.90E+08                                 | 3.90E+11                             | 2.30E+07                | 1.10E+08                                       |
| Acetonitrile               | 75058                            | NA                                 | 2,800                                          | NA                                                      | 4.80E+06                                              | 1.60E+06                                                 | 1.60E+06                                 | 2.10E+06                                 | 4.00E+09                             | 4.30E+06                | 2.20E+07                                       |
| Acetophenone               | 98862                            | NA                                 | 30,000                                         | ID                                                      | 1.2E+8 (C)                                            | 4.40E+07                                                 | 4.40E+07                                 | 4.40E+07                                 | 3.30E+10                             | 4.7E+7 (C)              | 1.10E+06                                       |
| Acrolein (I)               | 107028                           | NA                                 | 2,400                                          | NA                                                      | 410                                                   | 310                                                      | 310                                      | 610                                      | 1.30E+06                             | 3.60E+06                | 2.30E+07                                       |
| Acrylamide                 | 79061                            | NA                                 | 10                                             | 200 (X)                                                 | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 2.40E+06                             | 1,900                   | NA                                             |
| Acrylic acid               | 79107                            | NA                                 | 78,000                                         | NA                                                      | 2.40E+06                                              | 1.90E+05                                                 | 2.30E+05                                 | 2.30E+05                                 | 6.70E+07                             | 3.5E+7 (DD)             | 1.10E+08                                       |
| Acrylonitrile (I)          | 107131                           | NA                                 | 100 (M); 52                                    | 100 (M); 40                                             | 6,600                                                 | 5,000                                                    | 5,100                                    | 10,000                                   | 4.60E+07                             | 16,000                  | 8.30E+06                                       |
| Alachlor                   | 15972608                         | NA                                 | 52                                             | 290 (X)                                                 | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 93,000                  | NA                                             |
| Aldicarb                   | 116063                           | NA                                 | 60                                             | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 2.30E+05                | NA                                             |
| Aldicarb sulfone           | 1646884                          | NA                                 | 200 (M); 40                                    | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 2.50E+05                | NA                                             |
| Aldicarb sulfoxide         | 1646873                          | NA                                 | 200(M); 80                                     | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 2.90E+05                | NA                                             |
| Aldrin                     | 309002                           | NA                                 | NLL                                            | NLL                                                     | 1.30E+06                                              | 58,000                                                   | 58,000                                   | 58,000                                   | 6.40E+05                             | 1,000                   | NA                                             |
| Aluminum (B)               | 7429905                          | 6.90E+06                           | 1,000                                          | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 5.0E+7 (DD)             | NA                                             |
| Ammonia                    | 7664417                          | NA                                 | ID                                             | (CC)                                                    | ID                                                    | ID                                                       | ID                                       | ID                                       | 6.70E+09                             | ID                      | 1.00E+07                                       |
| t-Amyl methyl ether (TAME) | 994058                           | NA                                 | 3,900                                          | NA                                                      | 58,000                                                | 3.40E+05                                                 | 7.60E+05                                 | 1.80E+06                                 | 4.10E+09                             | 2.9E+7 (C)              | 4.40E+05                                       |
| Aniline                    | 62533                            | NA                                 | 1,100                                          | 330 (M); 80                                             | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 6.70E+07                             | 3.30E+05                | 4.50E+06                                       |
| Anthracene                 | 120127                           | NA                                 | 41,000                                         | ID                                                      | 1.0E+9 (D)                                            | 1.40E+09                                                 | 1.40E+09                                 | 1.40E+09                                 | 6.70E+10                             | 2.30E+08                | NA                                             |
| Antimony                   | 7440360                          | NA                                 | 4,300                                          | 94,000 (X)                                              | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.30E+07                             | 1.80E+05                | NA                                             |
| Arsenic                    | 7440382                          | 5,800                              | 4,600                                          | 4,600                                                   | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 7.20E+05                             | 7,600                   | NA                                             |
| Asbestos (BB)              | 1332214                          | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.0E+7 (M); 68,000                   | ID                      | NA                                             |
| Atrazine                   | 1912249                          | NA                                 | 60                                             | 150                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 71,000 (DD)             | NA                                             |
| Azobenzene                 | 103333                           | NA                                 | 4,200                                          | ID                                                      | 6.10E+06                                              | 6.30E+05                                                 | 6.30E+05                                 | 6.30E+05                                 | 1.00E+08                             | 1.40E+05                | NA                                             |



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| Hazardous Substance         | Chemical Abstract Service Number | Statewide Default Background Level | Groundwater Protection                         |                                                         | Indoor Air                                            | Ambient Air (Y) (C)                                      |                                          |                                          |                                      | Contact                 | Csat                                           |
|-----------------------------|----------------------------------|------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------------|-------------------------|------------------------------------------------|
|                             |                                  |                                    | Residential Drinking Water Protection Criteria | Groundwater Surface Water Interface Protection Criteria | Soil Volatilization to Indoor Air Inhalation Criteria | Infinite Source Volatile Soil Inhalation Criteria (VSIC) | Finite VSIC for 5 Meter Source Thickness | Finite VSIC for 2 Meter Source Thickness | Particulate Soil Inhalation Criteria | Direct Contact Criteria | Soil Saturation Concentration Screening Levels |
| Barium (B)                  | 7440393                          | 75,000                             | 1.30E+06                                       | (G)                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 3.30E+08                             | 3.70E+07                | NA                                             |
| Benzene (I)                 | 71432                            | NA                                 | 100                                            | 4,000 (X)                                               | 1,600                                                 | 13,000                                                   | 34,000                                   | 79,000                                   | 3.80E+08                             | 1.80E+05                | 4.00E+05                                       |
| Benzidine                   | 92875                            | NA                                 | 1,000 (M); 6.0                                 | 1,000 (M); 6.0                                          | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 46,000                               | 1,000 (M); 23           | NA                                             |
| Benzo(a)anthracene (Q)      | 56553                            | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 20,000                  | NA                                             |
| Benzo(b)fluoranthene (Q)    | 205992                           | NA                                 | NLL                                            | NLL                                                     | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | 20,000                  | NA                                             |
| Benzo(k)fluoranthene (Q)    | 207089                           | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 2.00E+05                | NA                                             |
| Benzo(g,h,i)perylene        | 191242                           | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 8.00E+08                             | 2.50E+06                | NA                                             |
| Benzo(a)pyrene (Q)          | 50328                            | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.50E+06                             | 2,000                   | NA                                             |
| Benzoic acid                | 65850                            | NA                                 | 6.40E+05                                       | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 9.90E+08                | NA                                             |
| Benzyl alcohol              | 100516                           | NA                                 | 2.00E+05                                       | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 3.30E+11                             | 3.2E+8 (C)              | 5.80E+06                                       |
| Benzyl chloride             | 100447                           | NA                                 | 150                                            | NA                                                      | 6,300                                                 | 14,000                                                   | 14,000                                   | 17,000                                   | 6.20E+07                             | 48,000                  | 2.30E+05                                       |
| Beryllium                   | 7440417                          | NA                                 | 51,000                                         | (G)                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.30E+06                             | 4.10E+05                | NA                                             |
| bis(2-Chloroethoxy)ethane   | 112265                           | NA                                 | ID                                             | ID                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | ID                      | 2.70E+06                                       |
| bis(2-Chloroethyl)ether (I) | 111444                           | NA                                 | 100                                            | 100 (M); 20                                             | 8,300                                                 | 3,800                                                    | 3,800                                    | 3,800                                    | 9.40E+06                             | 13,000                  | 2.20E+06                                       |
| bis(2-Ethylhexyl)phthalate  | 117817                           | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 7.00E+08                             | 2.80E+06                | 1.00E+07                                       |
| Boron (B)                   | 7440428                          | NA                                 | 10,000                                         | 1.4E+5 (X)                                              | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 4.8E+7 (DD)             | NA                                             |
| Bromate                     | 15541454                         | NA                                 | 200                                            | 800 (X)                                                 | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 17,000                  | NA                                             |
| Bromobenzene (I)            | 108861                           | NA                                 | 550                                            | NA                                                      | 3.10E+05                                              | 4.50E+05                                                 | 4.50E+05                                 | 4.50E+05                                 | 5.30E+08                             | 5.40E+05                | 7.60E+05                                       |
| Bromodichloromethane        | 75274                            | NA                                 | 1,600 (W)                                      | ID                                                      | 1,200                                                 | 9,100                                                    | 9,700                                    | 19,000                                   | 8.40E+07                             | 1.10E+05                | 1.50E+06                                       |
| Bromoform                   | 75252                            | NA                                 | 1,600 (W)                                      | ID                                                      | 1.50E+05                                              | 9.00E+05                                                 | 9.00E+05                                 | 9.00E+05                                 | 2.80E+09                             | 8.20E+05                | 8.70E+05                                       |
| Bromomethane                | 74839                            | NA                                 | 200                                            | 700                                                     | 860                                                   | 11,000                                                   | 57,000                                   | 1.40E+05                                 | 3.30E+08                             | 3.20E+05                | 2.20E+06                                       |
| n-Butanol (I)               | 71363                            | NA                                 | 19,000                                         | 2.00E+05                                                | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 2.30E+10                             | 2.9E+7 (C)              | 8.70E+06                                       |
| 2-Butanone (MEK) (I)        | 78933                            | NA                                 | 2.60E+05                                       | 44,000                                                  | 5.4E+7 (C)                                            | 2.90E+07                                                 | 2.90E+07                                 | 3.50E+07                                 | 6.70E+10                             | 1.2E+8 (C, DD)          | 2.70E+07                                       |
| n-Butyl acetate             | 123864                           | NA                                 | 11,000                                         | NA                                                      | 5.6E+7 (C)                                            | 1.10E+08                                                 | 2.60E+08                                 | 3.20E+08                                 | 4.70E+11                             | 1.7E+7 (C)              | 1.10E+06                                       |
| t-Butyl alcohol             | 75650                            | NA                                 | 78,000                                         | NA                                                      | 3.1E+8 (C)                                            | 9.70E+07                                                 | 2.00E+08                                 | 2.00E+08                                 | 1.30E+11                             | 1.2E+8 (C)              | 1.10E+08                                       |
| Butyl benzyl phthalate      | 85687                            | NA                                 | 2.2E+6 (C)                                     | 1.2E+5 (X)                                              | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 4.70E+10                             | 3.6E+7 (C)              | 3.10E+05                                       |
| n-Butylbenzene              | 104518                           | NA                                 | 1,600                                          | ID                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | 2.00E+09                             | 2.50E+06                | 1.00E+07                                       |



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**PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS**

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per kilogram (ug/kg). Criteria with 6 or more digits are expressed in scientific notation. For example, 200,000 is presented as 2.0E+5. A footnote is designated by a letter in parentheses and is explained in the footnote pages that follow the criteria tables. When the risk-based criterion is less than the target detection limit (TDL), the TDL is listed as the criterion (§324.20120a(10)). In these cases, 2 numbers are present in the cell. The first number is the criterion (i.e., TDL), and the second number is the risk-based value.

| Hazardous Substance           | Chemical Abstract Service Number | Statewide Default Background Level | Groundwater Protection                         |                                                         | Indoor Air                                            | Ambient Air (Y) (C)                                      |                                          |                                          |                                      | Contact                 | Csat                                           |
|-------------------------------|----------------------------------|------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------------|-------------------------|------------------------------------------------|
|                               |                                  |                                    | Residential Drinking Water Protection Criteria | Groundwater Surface Water Interface Protection Criteria | Soil Volatilization to Indoor Air Inhalation Criteria | Infinite Source Volatile Soil Inhalation Criteria (VSIC) | Finite VSIC for 5 Meter Source Thickness | Finite VSIC for 2 Meter Source Thickness | Particulate Soil Inhalation Criteria | Direct Contact Criteria | Soil Saturation Concentration Screening Levels |
| sec-Butylbenzene              | 135988                           | NA                                 | 1,600                                          | ID                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | 4.00E+08                             | 2.50E+06                | 1.00E+07                                       |
| t-Butylbenzene (I)            | 98066                            | NA                                 | 1,600                                          | ID                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | 6.70E+08                             | 2.50E+06                | 1.00E+07                                       |
| Cadmium (B)                   | 7440439                          | 1,200                              | 6,000                                          | (G,X)                                                   | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.70E+06                             | 5.50E+05                | NA                                             |
| Camphene (I)                  | 79925                            | NA                                 | ID                                             | NA                                                      | 3,700                                                 | 1.50E+05                                                 | 9.10E+05                                 | 2.20E+06                                 | 5.30E+09                             | ID                      | NA                                             |
| Caprolactam                   | 105602                           | NA                                 | 1.20E+05                                       | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 6.70E+08                             | 5.3E+7 (DD)             | NA                                             |
| Carbaryl                      | 63252                            | NA                                 | 14,000                                         | NA                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | 2.20E+07                | NA                                             |
| Carbazole                     | 86748                            | NA                                 | 9,400                                          | 1,100                                                   | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 6.20E+07                             | 5.30E+05                | NA                                             |
| Carbofuran                    | 1563662                          | NA                                 | 800                                            | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 1.10E+06                | NA                                             |
| Carbon disulfide (I,R)        | 75150                            | NA                                 | 16,000                                         | ID                                                      | 76,000                                                | 1.30E+06                                                 | 7.90E+06                                 | 1.90E+07                                 | 4.70E+10                             | 7.2E+6 (C, DD)          | 2.80E+05                                       |
| Carbon tetrachloride          | 56235                            | NA                                 | 100                                            | 900 (X)                                                 | 190                                                   | 3,500                                                    | 12,000                                   | 28,000                                   | 1.30E+08                             | 96,000                  | 3.90E+05                                       |
| Chlordane (J)                 | 57749                            | NA                                 | NLL                                            | NLL                                                     | 1.10E+07                                              | 1.20E+06                                                 | 1.20E+06                                 | 1.20E+06                                 | 3.10E+07                             | 31,000                  | NA                                             |
| Chloride                      | 16887006                         | NA                                 | 5.00E+06                                       | (X)                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 5.0E+5 (F)              | NA                                             |
| Chlorobenzene (I)             | 108907                           | NA                                 | 2,000                                          | 500                                                     | 1.20E+05                                              | 7.70E+05                                                 | 9.90E+05                                 | 2.10E+06                                 | 4.70E+09                             | 4.3E+6 (C)              | 2.60E+05                                       |
| p-Chlorobenzene sulfonic acid | 98668                            | NA                                 | 1.50E+05                                       | ID                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | 2.30E+08                | ID                                             |
| 1-Chloro-1,1-difluoroethane   | 75683                            | NA                                 | 3.00E+05                                       | NA                                                      | 2.9E+6 (C)                                            | 7.90E+07                                                 | 5.60E+08                                 | 1.40E+09                                 | 3.30E+12                             | 4.7E+8 (C)              | 9.60E+05                                       |
| Chloroethane                  | 75003                            | NA                                 | 8,600                                          | 22,000 (X)                                              | 2.9E+6 (C)                                            | 3.00E+07                                                 | 1.20E+08                                 | 2.80E+08                                 | 6.70E+11                             | 2.6E+6 (C)              | 9.50E+05                                       |
| 2-Chloroethyl vinyl ether     | 110758                           | NA                                 | ID                                             | NA                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | ID                      | 1.90E+06                                       |
| Chloroform                    | 67663                            | NA                                 | 1,600 (W)                                      | 7,000                                                   | 7,200                                                 | 45,000                                                   | 1.20E+05                                 | 2.70E+05                                 | 1.30E+09                             | 1.20E+06                | 1.50E+06                                       |
| Chloromethane (I)             | 74873                            | NA                                 | 5,200                                          | ID                                                      | 2,300                                                 | 40,000                                                   | 4.10E+05                                 | 1.00E+06                                 | 4.90E+09                             | 1.6E+6 (C)              | 1.10E+06                                       |
| 4-Chloro-3-methylphenol       | 59507                            | NA                                 | 5,800                                          | 280                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 4.50E+06                | NA                                             |
| beta-Chloronaphthalene        | 91587                            | NA                                 | 6.20E+05                                       | NA                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | 5.60E+07                | NA                                             |
| 2-Chlorophenol                | 95578                            | NA                                 | 900                                            | 360                                                     | 4.30E+05                                              | 9.60E+05                                                 | 9.60E+05                                 | 9.60E+05                                 | 1.20E+09                             | 1.40E+06                | 1.90E+07                                       |
| o-Chlorotoluene (I)           | 95498                            | NA                                 | 3,300                                          | ID                                                      | 2.70E+05                                              | 1.20E+06                                                 | 2.90E+06                                 | 6.30E+06                                 | 4.70E+09                             | 4.5E+6 (C)              | 5.00E+05                                       |
| Chlorpyrifos                  | 2921882                          | NA                                 | 17,000                                         | 1,500                                                   | 130                                                   | 4,600                                                    | 23,000                                   | 55,000                                   | 1.30E+08                             | 1.10E+07                | NA                                             |
| Chromium (III) (B,H)          | 16065831                         | 18,000 (total)                     | 1.0E+9 (D)                                     | (G,X)                                                   | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 3.30E+08                             | 7.90E+08                | NA                                             |
| Chromium (VI)                 | 18540299                         | NA                                 | 30,000                                         | 3,300                                                   | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 2.60E+05                             | 2.50E+06                | NA                                             |
| Chrysene (Q)                  | 218019                           | NA                                 | NLL                                            | NLL                                                     | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | 2.00E+06                | NA                                             |





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| Hazardous Substance        | Chemical Abstract Service Number | Statewide Default Background Level | Groundwater Protection                         |                                                         | Indoor Air                                            | Ambient Air (Y) (C)                                      |                                          |                                          |                                      | Contact                 | Csat                                           |
|----------------------------|----------------------------------|------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------------|-------------------------|------------------------------------------------|
|                            |                                  |                                    | Residential Drinking Water Protection Criteria | Groundwater Surface Water Interface Protection Criteria | Soil Volatilization to Indoor Air Inhalation Criteria | Infinite Source Volatile Soil Inhalation Criteria (VSIC) | Finite VSIC for 5 Meter Source Thickness | Finite VSIC for 2 Meter Source Thickness | Particulate Soil Inhalation Criteria | Direct Contact Criteria | Soil Saturation Concentration Screening Levels |
| Cobalt                     | 7440484                          | 6,800                              | 800                                            | 2,000                                                   | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.30E+07                             | 2.60E+06                | NA                                             |
| Copper (B)                 | 7440508                          | 32,000                             | 5.80E+06                                       | (G)                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.30E+08                             | 2.00E+07                | NA                                             |
| Cyanazine                  | 21725462                         | NA                                 | 200                                            | 1,100 (X)                                               | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 14,000                  | NA                                             |
| Cyanide (P,R)              | 57125                            | 390 (total)                        | 4,000                                          | 100                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 2.50E+05                             | 12,000                  | NA                                             |
| Cyclohexanone              | 108941                           | NA                                 | 5.20E+06                                       | NA                                                      | 17,000                                                | 1.00E+06                                                 | 1.10E+07                                 | 2.70E+07                                 | 6.70E+10                             | 1.0E+9 (C, D)           | 2.20E+08                                       |
| Dacthal                    | 1861321                          | NA                                 | 50,000                                         | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 2.30E+06                | NA                                             |
| Dalapon                    | 75990                            | NA                                 | 4,000                                          | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 1.90E+07                | 5.90E+07                                       |
| 4-4'-DDD                   | 72548                            | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 4.40E+07                             | 95,000                  | NA                                             |
| 4-4'-DDE                   | 72559                            | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 3.20E+07                             | 45,000                  | NA                                             |
| 4-4'-DDT                   | 50293                            | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 3.20E+07                             | 57,000                  | NA                                             |
| Decabromodiphenyl ether    | 1163195                          | NA                                 | 1.40E+05                                       | NA                                                      | 1.0E+9 (D)                                            | 8.60E+07                                                 | 8.60E+07                                 | 8.60E+07                                 | 2.30E+09                             | 3.80E+06                | NA                                             |
| Di-n-butyl phthalate       | 84742                            | NA                                 | 9.6E+5 (C)                                     | 11,000                                                  | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 3.30E+09                             | 2.7E+7 (C)              | 7.60E+05                                       |
| Di(2-ethylhexyl) adipate   | 103231                           | NA                                 | 1.3E+7 (C)                                     | ID                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 9.20E+09                             | 1.5E+7 (C, DD)          | 9.60E+05                                       |
| Di-n-octyl phthalate       | 117840                           | NA                                 | 1.00E+08                                       | ID                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 3.10E+10                             | 6.90E+06                | 1.40E+08                                       |
| Diacetone alcohol (I)      | 123422                           | NA                                 | ID                                             | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.60E+11                             | ID                      | 1.10E+08                                       |
| Diazinon                   | 333415                           | NA                                 | 95                                             | 72                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 12,000 (DD)             | 3.10E+05                                       |
| Dibenzo(a,h)anthracene (Q) | 53703                            | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 2,000                   | NA                                             |
| Dibenzofuran               | 132649                           | NA                                 | ID                                             | 1,700                                                   | 2.00E+06                                              | 1.30E+05                                                 | 1.30E+05                                 | 1.30E+05                                 | 6.70E+06                             | ID                      | NA                                             |
| Dibromochloromethane       | 124481                           | NA                                 | 1,600 (W)                                      | ID                                                      | 3,900                                                 | 24,000                                                   | 24,000                                   | 33,000                                   | 1.30E+08                             | 1.10E+05                | 6.10E+05                                       |
| Dibromochloropropane       | 96128                            | NA                                 | 10 (M); 4.0                                    | ID                                                      | 220                                                   | 260                                                      | 260                                      | 260                                      | 5.60E+05                             | 4,400 (C)               | 1,200                                          |
| Dibromomethane             | 74953                            | NA                                 | 1,600                                          | NA                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | 2.5E+6 (C)              | 2.00E+06                                       |
| Dicamba                    | 1918009                          | NA                                 | 4,400                                          | NA                                                      | NA                                                    | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 3.40E+06                | NA                                             |
| 1,2-Dichlorobenzene        | 95501                            | NA                                 | 14,000                                         | 280                                                     | 1.1E+7 (C)                                            | 3.90E+07                                                 | 3.90E+07                                 | 5.20E+07                                 | 1.00E+11                             | 1.9E+7 (C)              | 2.10E+05                                       |
| 1,3-Dichlorobenzene        | 541731                           | NA                                 | 170                                            | 680                                                     | 26,000                                                | 79,000                                                   | 79,000                                   | 1.10E+05                                 | 2.00E+08                             | 2.0E+5 (C)              | 1.70E+05                                       |
| 1,4-Dichlorobenzene        | 106467                           | NA                                 | 1,700                                          | 360                                                     | 19,000                                                | 77,000                                                   | 77,000                                   | 1.10E+05                                 | 4.50E+08                             | 4.00E+05                | NA                                             |
| 3,3'-Dichlorobenzidine     | 91941                            | NA                                 | 2,000 (M); 28                                  | 2,000 (M); 7.4                                          | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 6.50E+06                             | 6,600                   | NA                                             |
| Dichlorodifluoromethane    | 75718                            | NA                                 | 95,000                                         | ID                                                      | 9.00E+05                                              | 5.30E+07                                                 | 5.50E+08                                 | 1.40E+09                                 | 3.30E+12                             | 5.2E+7 (C)              | 1.00E+06                                       |



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| Hazardous Substance               | Chemical Abstract Service Number | Statewide Default Background Level | Groundwater Protection                         |                                                         | Indoor Air                                            | Ambient Air (Y) (C)                                      |                                          |                                          |                                      | Contact                 | Csat                                           |
|-----------------------------------|----------------------------------|------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------------|-------------------------|------------------------------------------------|
|                                   |                                  |                                    | Residential Drinking Water Protection Criteria | Groundwater Surface Water Interface Protection Criteria | Soil Volatilization to Indoor Air Inhalation Criteria | Infinite Source Volatile Soil Inhalation Criteria (VSIC) | Finite VSIC for 5 Meter Source Thickness | Finite VSIC for 2 Meter Source Thickness | Particulate Soil Inhalation Criteria | Direct Contact Criteria | Soil Saturation Concentration Screening Levels |
| 1,1-Dichloroethane                | 75343                            | NA                                 | 18,000                                         | 15,000                                                  | 2.30E+05                                              | 2.10E+06                                                 | 5.90E+06                                 | 1.40E+07                                 | 3.30E+10                             | 2.7E+7 (C)              | 8.90E+05                                       |
| 1,2-Dichloroethane (I)            | 107062                           | NA                                 | 100                                            | 7,200 (X)                                               | 2,100                                                 | 6,200                                                    | 11,000                                   | 26,000                                   | 1.20E+08                             | 91,000                  | 1.20E+06                                       |
| 1,1-Dichloroethylene (I)          | 75354                            | NA                                 | 140                                            | 2,600                                                   | 62                                                    | 1,100                                                    | 5,300                                    | 13,000                                   | 6.20E+07                             | 2.00E+05                | 5.70E+05                                       |
| cis-1,2-Dichloroethylene          | 156592                           | NA                                 | 1,400                                          | 12,000                                                  | 22,000                                                | 1.80E+05                                                 | 4.20E+05                                 | 9.90E+05                                 | 2.30E+09                             | 2.5E+6 (C)              | 6.40E+05                                       |
| trans-1,2-Dichloroethylene        | 156605                           | NA                                 | 2,000                                          | 30,000 (X)                                              | 23,000                                                | 2.80E+05                                                 | 8.30E+05                                 | 2.00E+06                                 | 4.70E+09                             | 3.8E+6 (C)              | 1.40E+06                                       |
| 2,6-Dichloro-4-nitroaniline       | 99309                            | NA                                 | 44,000                                         | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 6.80E+07                | NA                                             |
| 2,4-Dichlorophenol                | 120832                           | NA                                 | 1,500                                          | 330 (M); 220                                            | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 5.10E+09                             | 6.6E+5 (DD)             | 1.80E+06                                       |
| 2,4-Dichlorophenoxy acetic acid   | 94757                            | NA                                 | 1,400                                          | 4,400                                                   | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 6.70E+09                             | 2.50E+06                | NA                                             |
| 1,2-Dichloropropane (I)           | 78875                            | NA                                 | 100                                            | 4,600 (X)                                               | 4,000                                                 | 25,000                                                   | 50,000                                   | 1.10E+05                                 | 2.70E+08                             | 1.40E+05                | 5.50E+05                                       |
| 1,3-Dichloropropene               | 542756                           | NA                                 | 170                                            | 180 (X)                                                 | 1,000                                                 | 18,000                                                   | 68,000                                   | 1.60E+05                                 | 7.80E+08                             | 10,000                  | 6.20E+05                                       |
| Dichlorovos                       | 62737                            | NA                                 | 50 (M); 32                                     | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 3.30E+07                             | 10,000                  | 2.20E+06                                       |
| Dicyclohexyl phthalate            | 84617                            | NA                                 | ID                                             | NA                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | ID                      | NA                                             |
| Dieldrin                          | 60571                            | NA                                 | NLL                                            | NLL                                                     | 1.40E+05                                              | 19,000                                                   | 19,000                                   | 19,000                                   | 6.80E+05                             | 1,100                   | NA                                             |
| Diethyl ether                     | 60297                            | NA                                 | 200                                            | ID                                                      | 2.8E+7 (C)                                            | 8.50E+07                                                 | 1.50E+08                                 | 3.40E+08                                 | 8.00E+11                             | 1.1E+8 (C)              | 7.40E+06                                       |
| Diethyl phthalate                 | 84662                            | NA                                 | 1.10E+05                                       | 2,200                                                   | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 3.30E+09                             | 1.7E+8 (C)              | 7.40E+05                                       |
| Diethylene glycol monobutyl ether | 112345                           | NA                                 | 1,800                                          | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.30E+09                             | 2.70E+06                | 1.10E+08                                       |
| Diisopropyl ether                 | 108203                           | NA                                 | 600                                            | ID                                                      | 6.7E+5 (C)                                            | 3.40E+05                                                 | 7.60E+05                                 | 1.80E+06                                 | 4.10E+09                             | 9.2E+5 (C)              | 1,300                                          |
| Diisopropylamine (I)              | 108189                           | NA                                 | 110                                            | NA                                                      | 5.50E+06                                              | 6.20E+06                                                 | 6.20E+06                                 | 7.30E+06                                 | 1.30E+10                             | 1.70E+05                | 6.70E+06                                       |
| Dimethyl phthalate                | 131113                           | NA                                 | 1.5E+6 (C)                                     | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 3.30E+09                             | 1.0E+9 (C,D)            | 7.90E+05                                       |
| N,N-Dimethylacetamide             | 127195                           | NA                                 | 3,600                                          | 82,000 (X)                                              | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 5.60E+06                | 1.10E+08                                       |
| N,N-Dimethylaniline               | 121697                           | NA                                 | 320                                            | NA                                                      | 1.70E+05                                              | 1.50E+05                                                 | 1.50E+05                                 | 1.50E+05                                 | 2.60E+08                             | 5.00E+05                | 8.00E+05                                       |
| Dimethylformamide (I)             | 68122                            | NA                                 | 14,000                                         | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 2.00E+09                             | 2.20E+07                | 1.10E+08                                       |
| 2,4-Dimethylphenol                | 105679                           | NA                                 | 7,400                                          | 7,600                                                   | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 4.70E+09                             | 1.10E+07                | NA                                             |
| 2,6-Dimethylphenol                | 576261                           | NA                                 | 330 (M); 88                                    | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.30E+08                             | 1.40E+05                | NA                                             |
| 3,4-Dimethylphenol                | 95658                            | NA                                 | 330 (M); 200                                   | 500                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 2.30E+08                             | 3.20E+05                | NA                                             |
| Dimethylsulfoxide                 | 67685                            | NA                                 | 4.40E+06                                       | 3.80E+06                                                | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.30E+09                             | 1.0E+9 (C,D)            | 1.80E+07                                       |
| 2,4-Dinitrotoluene                | 121142                           | NA                                 | 430                                            | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.60E+07                             | 48,000                  | NA                                             |



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**PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS**

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per kilogram (ug/kg). Criteria with 6 or more digits are expressed in scientific notation. For example, 200,000 is presented as 2.0E+5. A footnote is designated by a letter in parentheses and is explained in the footnote pages that follow the criteria tables. When the risk-based criterion is less than the target detection limit (TDL), the TDL is listed as the criterion (§324.20120a(10)). In these cases, 2 numbers are present in the cell. The first number is the criterion (i.e., TDL), and the second number is the risk-based value.

| Hazardous Substance             | Chemical Abstract Service Number | Statewide Default Background Level | Groundwater Protection                         |                                                         | Indoor Air                                            | Ambient Air (Y) (C)                                      |                                          |                                          |                                      | Contact                 | Csat                                           |
|---------------------------------|----------------------------------|------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------------|-------------------------|------------------------------------------------|
|                                 |                                  |                                    | Residential Drinking Water Protection Criteria | Groundwater Surface Water Interface Protection Criteria | Soil Volatilization to Indoor Air Inhalation Criteria | Infinite Source Volatile Soil Inhalation Criteria (VSIC) | Finite VSIC for 5 Meter Source Thickness | Finite VSIC for 2 Meter Source Thickness | Particulate Soil Inhalation Criteria | Direct Contact Criteria | Soil Saturation Concentration Screening Levels |
| Dinoseb                         | 88857                            | NA                                 | 300                                            | 200 (M); 43                                             | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 2.70E+08                             | 66,000 (DD)             | 1.40E+05                                       |
| 1,4-Dioxane (I)                 | 123911                           | NA                                 | 1,700                                          | 56,000 (X)                                              | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 5.70E+08                             | 5.30E+05                | 9.70E+07                                       |
| Diquat                          | 85007                            | NA                                 | 400                                            | 400                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 5.00E+05                | NA                                             |
| Diuron                          | 330541                           | NA                                 | 620                                            | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 4.70E+08                             | 9.70E+05                | NA                                             |
| Endosulfan (J)                  | 115297                           | NA                                 | NLL                                            | NLL                                                     | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | 1.40E+06                | NA                                             |
| Endothall                       | 145733                           | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 2.30E+09                             | 3.80E+06                | NA                                             |
| Endrin                          | 72208                            | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 65,000                  | NA                                             |
| Epichlorohydrin (I)             | 106898                           | NA                                 | 100                                            | NA                                                      | 64,000                                                | 31,000                                                   | 31,000                                   | 35,000                                   | 6.70E+07                             | 8,900                   | 7.30E+06                                       |
| Ethanol (I)                     | 64175                            | NA                                 | 3.80E+07                                       | ID                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.30E+12                             | 1.0E+9 (C, D, DD)       | 1.10E+08                                       |
| Ethyl acetate (I)               | 141786                           | NA                                 | 1.30E+05                                       | NA                                                      | 3.8E+7 (C)                                            | 4.90E+07                                                 | 4.90E+07                                 | 9.80E+07                                 | 2.10E+11                             | 2.0E+8 (C)              | 7.50E+06                                       |
| Ethyl-tert-butyl ether (ETBE)   | 637923                           | NA                                 | 980                                            | ID                                                      | 5.40E+05                                              | 1.90E+06                                                 | 4.50E+06                                 | 1.10E+07                                 | 2.50E+10                             | ID                      | 6.50E+05                                       |
| Ethylbenzene (I)                | 100414                           | NA                                 | 1,500                                          | 360                                                     | 87,000                                                | 7.20E+05                                                 | 1.00E+06                                 | 2.20E+06                                 | 1.00E+10                             | 2.2E+7 (C)              | 1.40E+05                                       |
| Ethylene dibromide              | 106934                           | NA                                 | 20 (M); 1.0                                    | 110 (X)                                                 | 670                                                   | 1,700                                                    | 1,700                                    | 3,300                                    | 1.40E+07                             | 92                      | 8.90E+05                                       |
| Ethylene glycol                 | 107211                           | NA                                 | 3.00E+05                                       | 3.8E+6 (X)                                              | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 6.70E+10                             | 4.5E+8 (C)              | 1.10E+08                                       |
| Ethylene glycol monobutyl ether | 111762                           | NA                                 | 74,000                                         | NA                                                      | 7.40E+05                                              | 1.80E+07                                                 | 1.50E+08                                 | 3.60E+08                                 | 8.70E+11                             | 1.1E+8 (C)              | 4.10E+07                                       |
| Fluoranthene                    | 206440                           | NA                                 | 7.30E+05                                       | 5,500                                                   | 1.0E+9 (D)                                            | 7.40E+08                                                 | 7.40E+08                                 | 7.40E+08                                 | 9.30E+09                             | 4.60E+07                | NA                                             |
| Fluorene                        | 86737                            | NA                                 | 3.90E+05                                       | 5,300                                                   | 5.80E+08                                              | 1.30E+08                                                 | 1.30E+08                                 | 1.30E+08                                 | 9.30E+09                             | 2.70E+07                | NA                                             |
| Fluorine (soluble fluoride) (B) | 7782414                          | NA                                 | 40,000                                         | ID                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 9.0E+6 (DD)             | NA                                             |
| Formaldehyde                    | 50000                            | NA                                 | 26,000                                         | 2,400                                                   | 12,000                                                | 13,000                                                   | 23,000                                   | 52,000                                   | 2.40E+08                             | 4.10E+07                | 6.00E+07                                       |
| Formic acid (I,U)               | 64186                            | NA                                 | 2.00E+05                                       | ID                                                      | 1.50E+06                                              | 2.10E+05                                                 | 1.40E+05                                 | 1.40E+05                                 | 1.30E+08                             | 3.2E+8 (C)              | 1.10E+08                                       |
| 1-Formylpiperidine              | 2591868                          | NA                                 | 1,600                                          | NA                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | 2.50E+06                | 1.00E+07                                       |
| Gentian violet                  | 548629                           | NA                                 | 300                                            | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 96,000                  | NA                                             |
| Glyphosate                      | 1071836                          | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 1.1E+7 (DD)             | NA                                             |
| Heptachlor                      | 76448                            | NA                                 | NLL                                            | NLL                                                     | 3.50E+05                                              | 62,000                                                   | 62,000                                   | 62,000                                   | 2.40E+06                             | 5,600                   | NA                                             |
| Heptachlor epoxide              | 1024573                          | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.20E+06                             | 3,100                   | NA                                             |
| n-Heptane                       | 142825                           | NA                                 | 4.6E+7 (C)                                     | NA                                                      | 1.5E+6 (C)                                            | 2.10E+07                                                 | 4.40E+07                                 | 1.00E+08                                 | 2.30E+11                             | 9.9E+8 (C)              | 2.40E+05                                       |
| Hexabromobenzene                | 87821                            | NA                                 | 5,400                                          | ID                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | 1.10E+06                | NA                                             |



**TABLE 2. SOIL: RESIDENTIAL**  
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| Hazardous Substance                 | Chemical Abstract Service Number | Statewide Default Background Level | Groundwater Protection                         |                                                         | Indoor Air                                            | Ambient Air (Y) (C)                                      |                                          |                                          |                                      | Contact                 | Csat                                           |
|-------------------------------------|----------------------------------|------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------------|-------------------------|------------------------------------------------|
|                                     |                                  |                                    | Residential Drinking Water Protection Criteria | Groundwater Surface Water Interface Protection Criteria | Soil Volatilization to Indoor Air Inhalation Criteria | Infinite Source Volatile Soil Inhalation Criteria (VSIC) | Finite VSIC for 5 Meter Source Thickness | Finite VSIC for 2 Meter Source Thickness | Particulate Soil Inhalation Criteria | Direct Contact Criteria | Soil Saturation Concentration Screening Levels |
| Hexachlorobenzene (C-66)            | 118741                           | NA                                 | 1,800                                          | 350                                                     | 41,000                                                | 17,000                                                   | 17,000                                   | 17,000                                   | 6.80E+06                             | 8,900                   | NA                                             |
| Hexachlorobutadiene (C-46)          | 87683                            | NA                                 | 26,000                                         | 91                                                      | 1.30E+05                                              | 1.30E+05                                                 | 1.30E+05                                 | 1.30E+05                                 | 1.40E+08                             | 1.00E+05                | 3.50E+05                                       |
| alpha-Hexachlorocyclohexane         | 319846                           | NA                                 | 18                                             | ID                                                      | 30,000                                                | 12,000                                                   | 22,000                                   | 25,000                                   | 1.70E+06                             | 2,600                   | NA                                             |
| beta-Hexachlorocyclohexane          | 319857                           | NA                                 | 37                                             | ID                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 5.90E+06                             | 5,400                   | NA                                             |
| Hexachlorocyclopentadiene (C-56)    | 77474                            | NA                                 | 3.20E+05                                       | ID                                                      | 30,000                                                | 50,000                                                   | 50,000                                   | 50,000                                   | 1.30E+07                             | 2.3E+6 (C)              | 7.20E+05                                       |
| Hexachloroethane                    | 67721                            | NA                                 | 430                                            | 1,800 (X)                                               | 40,000                                                | 5.50E+05                                                 | 9.30E+05                                 | 9.30E+05                                 | 2.30E+08                             | 2.30E+05                | NA                                             |
| n-Hexane                            | 110543                           | NA                                 | 1.8E+5 (C)                                     | NA                                                      | 5.1E+5 (C)                                            | 3.00E+06                                                 | 3.20E+06                                 | 6.20E+06                                 | 1.30E+10                             | 9.2E+7 (C)              | 44,000                                         |
| 2-Hexanone                          | 591786                           | NA                                 | 20,000                                         | ID                                                      | 9.90E+05                                              | 1.10E+06                                                 | 1.10E+06                                 | 1.40E+06                                 | 2.70E+09                             | 3.2E+7 (C)              | 2.50E+06                                       |
| Indeno(1,2,3-cd) pyrene (Q)         | 193395                           | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 20,000                  | NA                                             |
| Iron (B)                            | 7439896                          | 1.20E+07                           | 6,000                                          | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 1.60E+08                | NA                                             |
| Isobutyl alcohol (I)                | 78831                            | NA                                 | 46,000                                         | NA                                                      | 2.3E+8 (C)                                            | 7.90E+07                                                 | 7.90E+07                                 | 7.90E+07                                 | 1.00E+11                             | 7.2E+7 (C)              | 8.90E+06                                       |
| Isophorone                          | 78591                            | NA                                 | 15,000                                         | 26,000 (X)                                              | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.20E+10                             | 4.8E+6 (C)              | 2.40E+06                                       |
| Isopropyl alcohol (I)               | 67630                            | NA                                 | 9,400                                          | 1.1E+6 (X)                                              | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.50E+10                             | 1.40E+07                | 1.10E+08                                       |
| Isopropyl benzene                   | 98828                            | NA                                 | 91,000                                         | 3,200                                                   | 4.0E+5 (C)                                            | 1.70E+06                                                 | 1.70E+06                                 | 2.80E+06                                 | 5.80E+09                             | 2.5E+7 (C)              | 3.90E+05                                       |
| Lead (B)                            | 7439921                          | 21,000                             | 7.00E+05                                       | (G,X)                                                   | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.00E+08                             | 4.00E+05                | NA                                             |
| Lindane                             | 58899                            | NA                                 | 20 (M); 7.0                                    | 20 (M); 1.1                                             | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | 8,300                   | NA                                             |
| Lithium (B)                         | 7439932                          | 9,800                              | 3,400                                          | 8,800                                                   | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 2.30E+09                             | 4.2E+6 (DD)             | NA                                             |
| Magnesium (B)                       | 7439954                          | NA                                 | 8.00E+06                                       | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 6.70E+09                             | 1.0E+9 (D)              | NA                                             |
| Manganese (B)                       | 7439965                          | 4.40E+05                           | 1,000                                          | (G,X)                                                   | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 3.30E+06                             | 2.50E+07                | NA                                             |
| Mercury (Total) (B,Z)               | Varies                           | 130                                | 1,700                                          | 50 (M); 1.2                                             | 48,000                                                | 52,000                                                   | 52,000                                   | 52,000                                   | 2.00E+07                             | 1.60E+05                | NA                                             |
| Methane                             | 74828                            | NA                                 | ID                                             | NA                                                      | 8.4E+6 ug/m3 (GG)                                     | ID                                                       | ID                                       | ID                                       | ID                                   | ID                      | ID                                             |
| Methanol                            | 67561                            | NA                                 | 74,000                                         | 1.2E+7 (C)                                              | 3.7E+7 (C)                                            | 3.10E+07                                                 | 4.40E+07                                 | 9.60E+07                                 | 2.20E+11                             | 1.1E+8 (C)              | 3.10E+06                                       |
| Methoxychlor                        | 72435                            | NA                                 | 16,000                                         | NA                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | 1.90E+06                | NA                                             |
| 2-Methoxyethanol (I)                | 109864                           | NA                                 | 150                                            | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.30E+09                             | 2.30E+05                | 1.10E+08                                       |
| 2-Methyl-4-chlorophenoxyacetic acid | 94746                            | NA                                 | 390                                            | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 2.30E+05                | NA                                             |
| 2-Methyl-4,6-dinitrophenol          | 534521                           | NA                                 | 830 (M); 400                                   | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.30E+08                             | 79,000                  | NA                                             |
| N-Methyl-morpholine (I)             | 109024                           | NA                                 | 400                                            | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 6.10E+05                | 1.10E+08                                       |



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| Hazardous Substance                        | Chemical Abstract Service Number | Statewide Default Background Level | Groundwater Protection                         |                                                         | Indoor Air                                            | Ambient Air (Y) (C)                                      |                                          |                                          |                                      | Contact                 | Csat                                           |
|--------------------------------------------|----------------------------------|------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------------|-------------------------|------------------------------------------------|
|                                            |                                  |                                    | Residential Drinking Water Protection Criteria | Groundwater Surface Water Interface Protection Criteria | Soil Volatilization to Indoor Air Inhalation Criteria | Infinite Source Volatile Soil Inhalation Criteria (VSIC) | Finite VSIC for 5 Meter Source Thickness | Finite VSIC for 2 Meter Source Thickness | Particulate Soil Inhalation Criteria | Direct Contact Criteria | Soil Saturation Concentration Screening Levels |
| Methyl parathion                           | 298000                           | NA                                 | 46                                             | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 56,000                  | NA                                             |
| 4-Methyl-2-pentanone (MIBK) (I)            | 108101                           | NA                                 | 36,000                                         | ID                                                      | 3.7E+7 (C)                                            | 4.50E+07                                                 | 4.50E+07                                 | 6.70E+07                                 | 1.40E+11                             | 5.6E+7 (C)              | 2.70E+06                                       |
| Methyl-tert-butyl ether (MTBE)             | 1634044                          | NA                                 | 800                                            | 1.4E+5 (X)                                              | 9.9E+6 (C)                                            | 2.50E+07                                                 | 3.90E+07                                 | 8.70E+07                                 | 2.00E+11                             | 1.50E+06                | 5.90E+06                                       |
| Methylcyclopentane (I)                     | 96377                            | NA                                 | ID                                             | NA                                                      | 92,000                                                | 2.30E+06                                                 | 8.20E+06                                 | 2.00E+07                                 | 4.70E+10                             | ID                      | 3.50E+05                                       |
| 4,4'-Methylene-bis-2-chloroaniline (MBOCA) | 101144                           | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 8.40E+07                             | 6,800                   | NA                                             |
| Methylene chloride                         | 75092                            | NA                                 | 100                                            | 30,000 (X)                                              | 45,000                                                | 2.10E+05                                                 | 5.90E+05                                 | 1.40E+06                                 | 6.60E+09                             | 1.30E+06                | 2.30E+06                                       |
| 2-Methylnaphthalene                        | 91576                            | NA                                 | 57,000                                         | 4,200                                                   | 2.70E+06                                              | 1.50E+06                                                 | 1.50E+06                                 | 1.50E+06                                 | 6.70E+08                             | 8.10E+06                | NA                                             |
| Methylphenols (J)                          | 1319773                          | NA                                 | 7,400                                          | 1,000 (M); 600                                          | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 6.70E+09                             | 1.10E+07                | NA                                             |
| Metolachlor                                | 51218452                         | NA                                 | 4,800                                          | 300                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 1.5E+6 (C, DD)          | 4.40E+05                                       |
| Metribuzin                                 | 21087649                         | NA                                 | 3,600                                          | NA                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | 9.60E+06                | NA                                             |
| Mirex                                      | 2385855                          | NA                                 | NLL                                            | NLL                                                     | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | 9,600                   | NA                                             |
| Molybdenum (B)                             | 7439987                          | NA                                 | 1,500                                          | 64,000 (X)                                              | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 2.60E+06                | NA                                             |
| Naphthalene                                | 91203                            | NA                                 | 35,000                                         | 730                                                     | 2.50E+05                                              | 3.00E+05                                                 | 3.00E+05                                 | 3.00E+05                                 | 2.00E+08                             | 1.60E+07                | NA                                             |
| Nickel (B)                                 | 7440020                          | 20,000                             | 1.00E+05                                       | (G)                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.30E+07                             | 4.00E+07                | NA                                             |
| Nitrate (B,N)                              | 14797558                         | NA                                 | 2.0E+5 (N)                                     | ID                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | ID                      | NA                                             |
| Nitrite (B,N)                              | 14797650                         | NA                                 | 20,000 (N)                                     | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | ID                      | NA                                             |
| Nitrobenzene (I)                           | 98953                            | NA                                 | 330 (M); 68                                    | 3,600 (X)                                               | 91,000                                                | 54,000                                                   | 54,000                                   | 54,000                                   | 4.70E+07                             | 1.00E+05                | 4.90E+05                                       |
| 2-Nitrophenol                              | 88755                            | NA                                 | 400                                            | ID                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 6.30E+05                | NA                                             |
| n-Nitroso-di-n-propylamine                 | 621647                           | NA                                 | 330 (M); 100                                   | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.60E+06                             | 1,200                   | 1.50E+06                                       |
| N-Nitrosodiphenylamine                     | 86306                            | NA                                 | 5,400                                          | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 2.20E+09                             | 1.70E+06                | NA                                             |
| Oxamyl                                     | 23135220                         | NA                                 | 4,000                                          | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 8.60E+06                | NA                                             |
| Oxo-hexyl acetate                          | 88230357                         | NA                                 | 1,500                                          | NA                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | 5.40E+09                             | 2.30E+06                | 1.00E+07                                       |
| Pendimethalin                              | 40487421                         | NA                                 | 1.10E+06                                       | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 4.60E+07                | NA                                             |
| Pentachlorobenzene                         | 608935                           | NA                                 | 29,000                                         | 9,500                                                   | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | 3.2E+5 (C)              | 1.90E+05                                       |
| Pentachloronitrobenzene                    | 82688                            | NA                                 | 37,000                                         | NA                                                      | 1.20E+05                                              | 2.30E+05                                                 | 2.30E+05                                 | 2.30E+05                                 | 3.30E+08                             | 1.70E+06                | NA                                             |
| Pentachlorophenol                          | 87865                            | NA                                 | 22                                             | (G,X)                                                   | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.00E+08                             | 90,000                  | NA                                             |
| Pentane                                    | 109660                           | NA                                 | ID                                             | NA                                                      | 9.7E+5 (C)                                            | 3.70E+07                                                 | 3.10E+08                                 | 5.80E+08                                 | 1.20E+12                             | ID                      | 2.40E+05                                       |



**TABLE 2. SOIL: RESIDENTIAL**  
**PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS**

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per kilogram (ug/kg). Criteria with 6 or more digits are expressed in scientific notation. For example, 200,000 is presented as 2.0E+5. A footnote is designated by a letter in parentheses and is explained in the footnote pages that follow the criteria tables. When the risk-based criterion is less than the target detection limit (TDL), the TDL is listed as the criterion (§324.20120a(10)). In these cases, 2 numbers are present in the cell. The first number is the criterion (i.e., TDL), and the second number is the risk-based value.

| Hazardous Substance                    | Chemical Abstract Service Number | Statewide Default Background Level | Groundwater Protection                         |                                                         | Indoor Air                                            | Ambient Air (Y) (C)                                      |                                          |                                          |                                      | Contact                 | Csat                                           |
|----------------------------------------|----------------------------------|------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------------|-------------------------|------------------------------------------------|
|                                        |                                  |                                    | Residential Drinking Water Protection Criteria | Groundwater Surface Water Interface Protection Criteria | Soil Volatilization to Indoor Air Inhalation Criteria | Infinite Source Volatile Soil Inhalation Criteria (VSIC) | Finite VSIC for 5 Meter Source Thickness | Finite VSIC for 2 Meter Source Thickness | Particulate Soil Inhalation Criteria | Direct Contact Criteria | Soil Saturation Concentration Screening Levels |
| 2-Pentene (I)                          | 109682                           | NA                                 | ID                                             | NA                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | ID                      | 2.20E+05                                       |
| Phenanthrene                           | 85018                            | NA                                 | 56,000                                         | 2,100                                                   | 2.80E+06                                              | 1.60E+05                                                 | 1.60E+05                                 | 1.60E+05                                 | 6.70E+06                             | 1.60E+06                | NA                                             |
| Phenol                                 | 108952                           | NA                                 | 88,000                                         | 9,000                                                   | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 4.00E+10                             | 4.0E+7 (C, DD)          | 1.20E+07                                       |
| Phenytion                              | 57410                            | NA                                 | 830                                            | 4300 (X)                                                | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 2.20E+08                             | 1.00E+05                | NA                                             |
| Phosphorus (Total)                     | 7723140                          | NA                                 | 1.30E+06                                       | (EE)                                                    | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 6.70E+07                             | 1.0E+9 (D)              | NA                                             |
| Phthalic acid                          | 88993                            | NA                                 | 2.80E+05                                       | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 4.3E+8 (C)              | 1.70E+06                                       |
| Phthalic anhydride                     | 85449                            | NA                                 | 3.00E+05                                       | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 4.7E+8 (C)              | 1.10E+06                                       |
| Picloram                               | 1918021                          | NA                                 | 10,000                                         | 920                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 1.60E+07                | NA                                             |
| Piperidine                             | 110894                           | NA                                 | 64                                             | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 9.30E+09                             | 99,000                  | 1.20E+08                                       |
| Polybrominated biphenyls (J)           | 67774327                         | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 1,200                   | NA                                             |
| Polychlorinated biphenyls (PCBs) (J,T) | 1336363                          | NA                                 | NLL                                            | NLL                                                     | 3.00E+06                                              | 2.40E+05                                                 | 7.90E+06                                 | 7.90E+06                                 | 5.20E+06                             | (T)                     | NA                                             |
| Prometon                               | 1610180                          | NA                                 | 4,900                                          | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 5.00E+06                | NA                                             |
| Propachlor                             | 1918167                          | NA                                 | 1,900                                          | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 2.90E+06                | NA                                             |
| Propazine                              | 139402                           | NA                                 | 4,000                                          | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 6.10E+06                | NA                                             |
| Propionic acid                         | 79094                            | NA                                 | 2.40E+05                                       | ID                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 2.00E+10                             | 3.8E+8 (C)              | 1.10E+08                                       |
| Propyl alcohol (I)                     | 71238                            | NA                                 | 28,000                                         | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 4.90E+10                             | 1.3E+7 (DD)             | 1.10E+08                                       |
| n-Propylbenzene (I)                    | 103651                           | NA                                 | 1,600                                          | ID                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | 1.30E+09                             | 2.50E+06                | 1.00E+07                                       |
| Propylene glycol                       | 57556                            | NA                                 | 3.00E+06                                       | 5.80E+06                                                | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 4.00E+11                             | 1.0E+9 (C,D)            | 1.10E+08                                       |
| Pyrene                                 | 129000                           | NA                                 | 4.80E+05                                       | ID                                                      | 1.0E+9 (D)                                            | 6.50E+08                                                 | 6.50E+08                                 | 6.50E+08                                 | 6.70E+09                             | 2.90E+07                | NA                                             |
| Pyridine (I)                           | 110861                           | NA                                 | 400                                            | NA                                                      | 1,100                                                 | 8,200                                                    | 40,000                                   | 97,000                                   | 2.30E+08                             | 2.3E+5 (C)              | 37,000                                         |
| Selenium (B)                           | 7782492                          | 410                                | 4,000                                          | 400                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.30E+08                             | 2.60E+06                | NA                                             |
| Silver (B)                             | 7440224                          | 1,000                              | 4,500                                          | 100 (M); 27                                             | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 6.70E+06                             | 2.50E+06                | NA                                             |
| Silvex (2,4,5-TP)                      | 93721                            | NA                                 | 3,600                                          | 2,200                                                   | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 1.70E+06                | NA                                             |
| Simazine                               | 122349                           | NA                                 | 80                                             | 340                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 1.20E+06                | NA                                             |
| Sodium                                 | 17341252                         | NA                                 | 4.60E+06                                       | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 1.0E+9 (D)              | NA                                             |
| Sodium azide                           | 26628228                         | NA                                 | 1,800                                          | 1,000                                                   | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | 2.70E+06                | NA                                             |
| Strontium (B)                          | 7440246                          | NA                                 | 92,000                                         | 4.20E+05                                                | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 3.30E+08                | NA                                             |



**TABLE 2. SOIL: RESIDENTIAL**  
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| Hazardous Substance                     | Chemical Abstract Service Number | Statewide Default Background Level | Groundwater Protection                         |                                                         | Indoor Air                                            | Ambient Air (Y) (C)                                      |                                          |                                          |                                      | Contact                 | Csat                                           |
|-----------------------------------------|----------------------------------|------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------------|-------------------------|------------------------------------------------|
|                                         |                                  |                                    | Residential Drinking Water Protection Criteria | Groundwater Surface Water Interface Protection Criteria | Soil Volatilization to Indoor Air Inhalation Criteria | Infinite Source Volatile Soil Inhalation Criteria (VSIC) | Finite VSIC for 5 Meter Source Thickness | Finite VSIC for 2 Meter Source Thickness | Particulate Soil Inhalation Criteria | Direct Contact Criteria | Soil Saturation Concentration Screening Levels |
| Styrene                                 | 100425                           | NA                                 | 2,700                                          | 2,100 (X)                                               | 2.50E+05                                              | 9.70E+05                                                 | 9.70E+05                                 | 1.40E+06                                 | 5.50E+09                             | 4.00E+05                | 5.20E+05                                       |
| Sulfate                                 | 14808798                         | NA                                 | 5.00E+06                                       | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | ID                      | NA                                             |
| Tebuthiuron                             | 34014181                         | NA                                 | 10,000                                         | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 4.6E+6 (DD)             | NA                                             |
| 2,3,7,8-Tetrabromodibenzo-p-dioxin (O)  | 50585416                         | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | (O)                                  | (O)                     | NA                                             |
| 1,2,4,5-Tetrachlorobenzene              | 95943                            | NA                                 | 1.50E+06                                       | 3,400 (X)                                               | 5.80E+05                                              | 2.30E+05                                                 | 2.30E+05                                 | 2.30E+05                                 | 6.70E+07                             | 7.70E+07                | NA                                             |
| 2,3,7,8-Tetrachlorodibenzo-p-dioxin (O) | 1746016                          | NA                                 | NLL                                            | NLL                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 71 (O)                               | 0.09 (O)                | NA                                             |
| 1,1,1,2-Tetrachloroethane               | 630206                           | NA                                 | 1,500                                          | ID                                                      | 6,200                                                 | 36,000                                                   | 54,000                                   | 1.00E+05                                 | 4.20E+08                             | 4.8E+5 (C)              | 4.40E+05                                       |
| 1,1,1,2,2-Tetrachloroethane             | 79345                            | NA                                 | 170                                            | 1,600 (X)                                               | 4,300                                                 | 10,000                                                   | 10,000                                   | 14,000                                   | 5.40E+07                             | 53,000                  | 8.70E+05                                       |
| Tetrachloroethylene                     | 127184                           | NA                                 | 100                                            | 1,200 (X)                                               | 11,000                                                | 1.70E+05                                                 | 4.80E+05                                 | 1.10E+06                                 | 2.70E+09                             | 2.0E+5 (C)              | 88,000                                         |
| Tetrahydrofuran                         | 109999                           | NA                                 | 1,900                                          | 2.2E+5 (X)                                              | 1.30E+06                                              | 1.30E+07                                                 | 6.70E+07                                 | 1.60E+08                                 | 3.90E+11                             | 2.90E+06                | 1.20E+08                                       |
| Tetranitromethane                       | 509148                           | NA                                 | ID                                             | NA                                                      | 500(M); 110                                           | 500 (M); 51                                              | ID                                       | ID                                       | 2.10E+05                             | ID                      | ID                                             |
| Thallium (B)                            | 7440280                          | NA                                 | 2,300                                          | 4,200 (X)                                               | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.30E+07                             | 35,000                  | NA                                             |
| Toluene (I)                             | 108883                           | NA                                 | 16,000                                         | 5,400                                                   | 3.3E+5 (C)                                            | 2.80E+06                                                 | 5.10E+06                                 | 1.20E+07                                 | 2.70E+10                             | 5.0E+7 (C)              | 2.50E+05                                       |
| p-Toluidine                             | 106490                           | NA                                 | 660 (M); 300                                   | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.00E+08                             | 94,000                  | 1.20E+06                                       |
| Toxaphene                               | 8001352                          | NA                                 | 24,000                                         | 8,200                                                   | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 9.70E+06                             | 20,000                  | NA                                             |
| Triallate                               | 2303175                          | NA                                 | 95,000                                         | NA                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | 2.9E+6 (C)              | 2.50E+05                                       |
| Tributylamine                           | 102829                           | NA                                 | 7,800                                          | ID                                                      | 5.80E+05                                              | 6.00E+05                                                 | 6.00E+05                                 | 6.00E+05                                 | 4.70E+08                             | 7.90E+05                | 3.70E+06                                       |
| 1,2,4-Trichlorobenzene                  | 120821                           | NA                                 | 4,200                                          | 5,900 (X)                                               | 9.6E+6 (C)                                            | 2.80E+07                                                 | 2.80E+07                                 | 2.80E+07                                 | 2.50E+10                             | 9.9E+5 (DD)             | 1.10E+06                                       |
| 1,1,1-Trichloroethane                   | 71556                            | NA                                 | 4,000                                          | 1,800                                                   | 2.50E+05                                              | 3.80E+06                                                 | 1.20E+07                                 | 2.80E+07                                 | 6.70E+10                             | 5.0E+8 (C)              | 4.60E+05                                       |
| 1,1,2-Trichloroethane                   | 79005                            | NA                                 | 100                                            | 6,600 (X)                                               | 4,600                                                 | 17,000                                                   | 21,000                                   | 44,000                                   | 1.90E+08                             | 1.80E+05                | 9.20E+05                                       |
| Trichloroethylene                       | 79016                            | NA                                 | 100                                            | 4,000 (X)                                               | 1,000                                                 | 11,000                                                   | 25,000                                   | 57,000                                   | 1.30E+08                             | 1.1E+5 (DD)             | 5.00E+05                                       |
| Trichlorofluoromethane                  | 75694                            | NA                                 | 52,000                                         | NA                                                      | 2.8E+6 (C)                                            | 9.20E+07                                                 | 6.30E+08                                 | 1.50E+09                                 | 3.80E+12                             | 7.9E+7 (C)              | 5.60E+05                                       |
| 2,4,5-Trichlorophenol                   | 95954                            | NA                                 | 39,000                                         | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 2.30E+10                             | 2.30E+07                | NA                                             |
| 2,4,6-Trichlorophenol                   | 88062                            | NA                                 | 2,400                                          | 330 (M); 100                                            | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 1.00E+09                             | 7.10E+05                | NA                                             |
| 1,2,3-Trichloropropane                  | 96184                            | NA                                 | 840                                            | NA                                                      | 4,000                                                 | 9,200                                                    | 9,200                                    | 11,000                                   | 2.00E+07                             | 1.3E+6 (C)              | 8.30E+05                                       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane   | 76131                            | NA                                 | 9.0E+6 (C)                                     | 1,700                                                   | 5.1E+6 (C)                                            | 1.80E+08                                                 | 8.80E+08                                 | 2.10E+09                                 | 5.10E+12                             | 1.0E+9 (C,D)            | 5.50E+05                                       |
| Triethanolamine                         | 102716                           | NA                                 | 74,000                                         | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | 3.30E+09                             | 1.10E+08                | 1.10E+08                                       |



**TABLE 2. SOIL: RESIDENTIAL**  
**PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS**

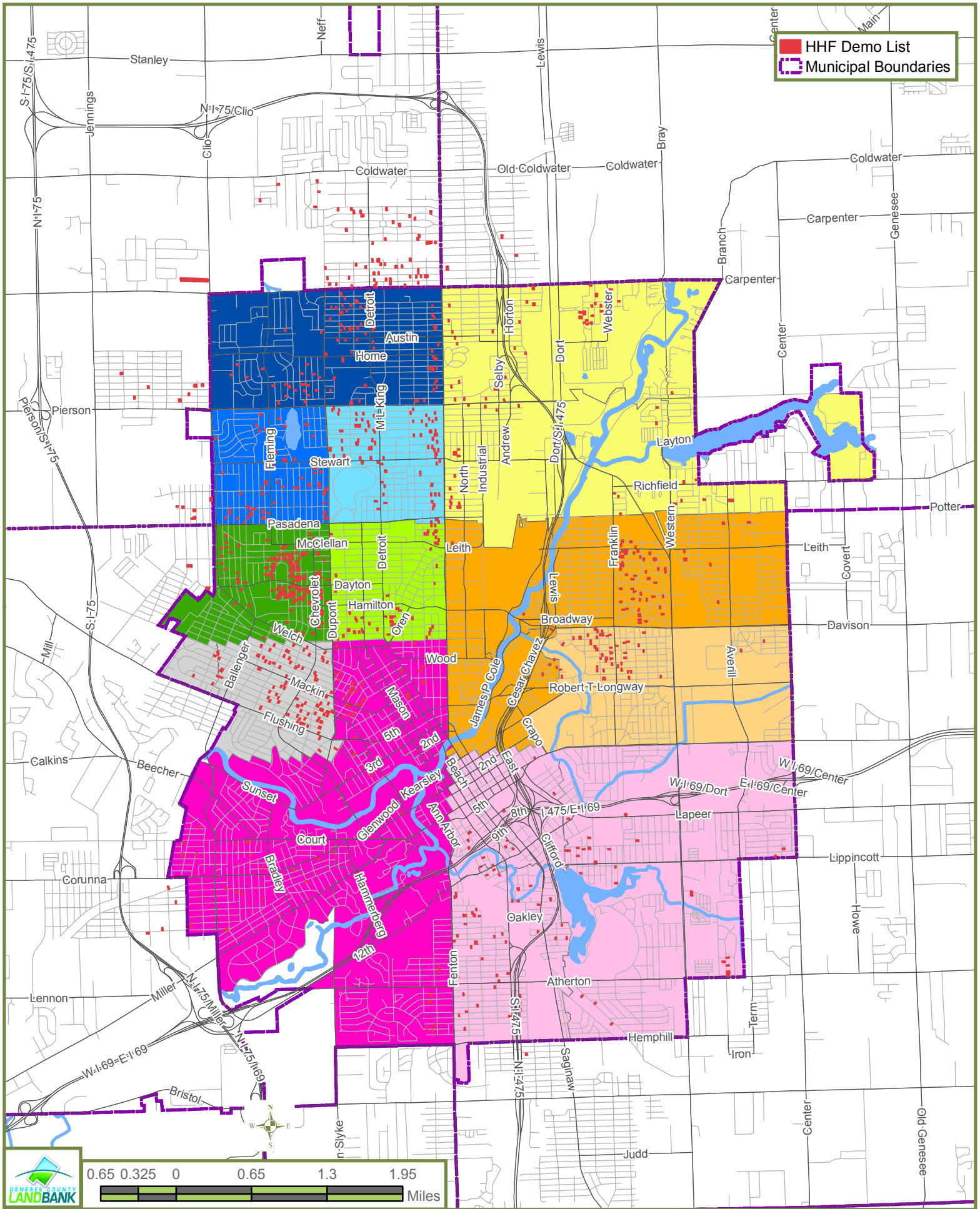
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| Hazardous Substance              | Chemical Abstract Service Number | Statewide Default Background Level | Groundwater Protection                         |                                                         | Indoor Air                                            | Ambient Air (Y) (C)                                      |                                          |                                          |                                      | Contact                 | Csat                                           |
|----------------------------------|----------------------------------|------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------------|-------------------------|------------------------------------------------|
|                                  |                                  |                                    | Residential Drinking Water Protection Criteria | Groundwater Surface Water Interface Protection Criteria | Soil Volatilization to Indoor Air Inhalation Criteria | Infinite Source Volatile Soil Inhalation Criteria (VSIC) | Finite VSIC for 5 Meter Source Thickness | Finite VSIC for 2 Meter Source Thickness | Particulate Soil Inhalation Criteria | Direct Contact Criteria | Soil Saturation Concentration Screening Levels |
| Triethylene glycol               | 112276                           | NA                                 | 86,000                                         | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 3.9E+7 (C,DD)           | 1.10E+05                                       |
| 3-Trifluoromethyl-4-nitrophenol  | 88302                            | NA                                 | 1.10E+05                                       | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 4.1E+7 (DD)             | NA                                             |
| Trifluralin                      | 1582098                          | NA                                 | 1.90E+05                                       | NA                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | 2.00E+06                | NA                                             |
| 2,2,4-Trimethyl pentane          | 540841                           | NA                                 | ID                                             | NA                                                      | 1.1E+5 (C)                                            | 5.20E+06                                                 | 3.90E+07                                 | 9.60E+07                                 | 2.30E+11                             | ID                      | 19,000                                         |
| 2,4,4-Trimethyl-2-pentene (I)    | 107404                           | NA                                 | ID                                             | NA                                                      | ID                                                    | ID                                                       | ID                                       | ID                                       | ID                                   | ID                      | 56,000                                         |
| 1,2,4-Trimethylbenzene (I)       | 95636                            | NA                                 | 2,100                                          | 570                                                     | 4.3E+6 (C)                                            | 2.10E+07                                                 | 5.00E+08                                 | 5.00E+08                                 | 8.20E+10                             | 3.2E+7 (C)              | 1.10E+05                                       |
| 1,3,5-Trimethylbenzene (I)       | 108678                           | NA                                 | 1,800                                          | 1,100                                                   | 2.6E+6 (C)                                            | 1.60E+07                                                 | 3.80E+08                                 | 3.80E+08                                 | 8.20E+10                             | 3.2E+7 (C)              | 94,000                                         |
| Triphenyl phosphate              | 115866                           | NA                                 | 1.5E+6 (C)                                     | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 3.6E+7 (C)              | 1.10E+05                                       |
| tris(2,3-Dibromopropyl)phosphate | 126727                           | NA                                 | 930                                            | ID                                                      | 82,000 (C)                                            | 18,000                                                   | 18,000                                   | 18,000                                   | 5.90E+06                             | 4,400                   | 27,000                                         |
| Urea                             | 57136                            | NA                                 | ID                                             | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | ID                      | NA                                             |
| Vanadium                         | 7440622                          | NA                                 | 72,000                                         | 4.30E+05                                                | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 7.5E+5 (DD)             | NA                                             |
| Vinyl acetate (I)                | 108054                           | NA                                 | 13,000                                         | NA                                                      | 7.90E+05                                              | 1.70E+06                                                 | 2.60E+06                                 | 5.80E+06                                 | 1.30E+10                             | 5.8E+6 (C,DD)           | 2.40E+06                                       |
| Vinyl chloride                   | 75014                            | NA                                 | 40                                             | 260 (X)                                                 | 270                                                   | 4,200                                                    | 30,000                                   | 73,000                                   | 3.50E+08                             | 3,800                   | 4.90E+05                                       |
| White phosphorus (R)             | 12185103                         | NA                                 | 2.2                                            | NA                                                      | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 2,300 (DD)              | NA                                             |
| Xylenes (I)                      | 1330207                          | NA                                 | 5,600                                          | 820                                                     | 6.3E+6 (C)                                            | 4.60E+07                                                 | 6.10E+07                                 | 1.30E+08                                 | 2.90E+11                             | 4.1E+8 (C)              | 1.50E+05                                       |
| Zinc (B)                         | 7440666                          | 47,000                             | 2.40E+06                                       | (G)                                                     | NLV                                                   | NLV                                                      | NLV                                      | NLV                                      | ID                                   | 1.70E+08                | NA                                             |



## **APPENDIX 3 - MAP AND BOUNDARIES OF TARGET AREA**

## Hardest Hit Fund 4 (HHF4) Demolition



This map displays the locations of HHF Demo List projects (indicated by red squares) within the municipal boundaries of Ann Arbor, Michigan (indicated by a purple outline). The map includes major roads, water bodies, and a legend in the top right corner. A scale bar and north arrow are located in the bottom left corner.

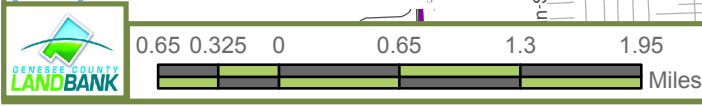
**Legend:**

- HHF Demo List (Red squares)
- Municipal Boundaries (Purple outline)

**Scale:** 0 to 1.95 Miles

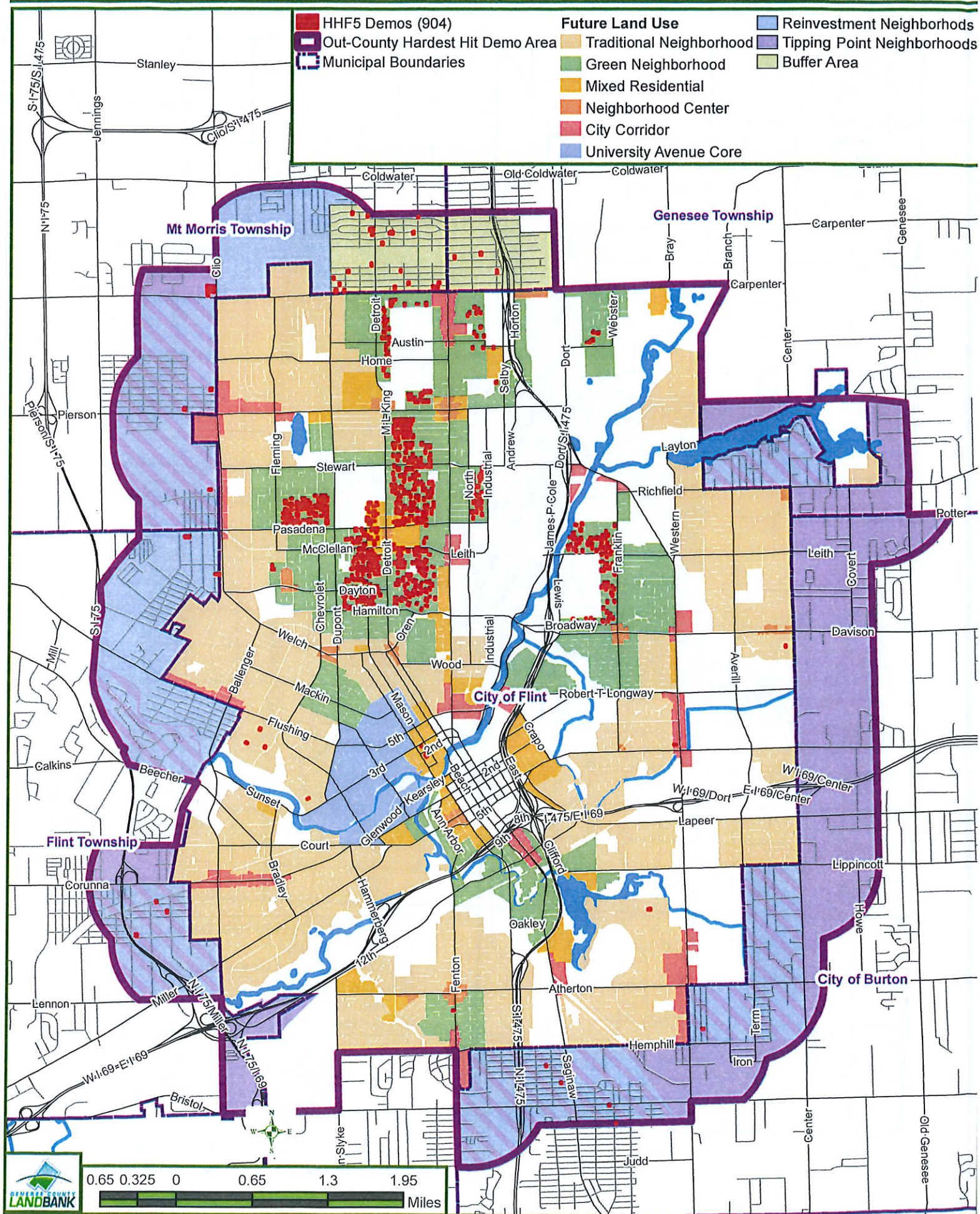
**North Arrow:** N, S, E, W

**Map Labels:** Stanley, Jennings, Clio, N-175/S-1475, Neff, Goldwater, Old Coldwater, Coldwater, Bray, Center, Main, Genesee, Carpenter, Branch, Center, Layton, Richfield, Franklin, Western, Potter, Leith, Covert, Davison, Averill, Lippincott, Howe, Center, Old Genesee, Judd, Hemphill, Iron, Term, Saginaw, Fenton, Oakley, Atherton, Clifford, 8th, 9th, 12th, 14th, 16th, 18th, 20th, 22nd, 24th, 26th, 28th, 30th, 32nd, 34th, 36th, 38th, 40th, 42nd, 44th, 46th, 48th, 50th, 52nd, 54th, 56th, 58th, 60th, 62nd, 64th, 66th, 68th, 70th, 72nd, 74th, 76th, 78th, 80th, 82nd, 84th, 86th, 88th, 90th, 92nd, 94th, 96th, 98th, 100th, 102nd, 104th, 106th, 108th, 110th, 112th, 114th, 116th, 118th, 120th, 122nd, 124th, 126th, 128th, 130th, 132nd, 134th, 136th, 138th, 140th, 142nd, 144th, 146th, 148th, 150th, 152nd, 154th, 156th, 158th, 160th, 162nd, 164th, 166th, 168th, 170th, 172nd, 174th, 176th, 178th, 180th, 182nd, 184th, 186th, 188th, 190th, 192nd, 194th, 196th, 198th, 200th, 202nd, 204th, 206th, 208th, 210th, 212th, 214th, 216th, 218th, 220th, 222nd, 224th, 226th, 228th, 230th, 232nd, 234th, 236th, 238th, 240th, 242nd, 244th, 246th, 248th, 250th, 252nd, 254th, 256th, 258th, 260th, 262nd, 264th, 266th, 268th, 270th, 272nd, 274th, 276th, 278th, 280th, 282nd, 284th, 286th, 288th, 290th, 292nd, 294th, 296th, 298th, 300th, 302nd, 304th, 306th, 308th, 310th, 312th, 314th, 316th, 318th, 320th, 322nd, 324th, 326th, 328th, 330th, 332nd, 334th, 336th, 338th, 340th, 342nd, 344th, 346th, 348th, 350th, 352nd, 354th, 356th, 358th, 360th, 362nd, 364th, 366th, 368th, 370th, 372nd, 374th, 376th, 378th, 380th, 382nd, 384th, 386th, 388th, 390th, 392nd, 394th, 396th, 398th, 400th, 402nd, 404th, 406th, 408th, 410th, 412th, 414th, 416th, 418th, 420th, 422nd, 424th, 426th, 428th, 430th, 432nd, 434th, 436th, 438th, 440th, 442nd, 444th, 446th, 448th, 450th, 452nd, 454th, 456th, 458th, 460th, 462nd, 464th, 466th, 468th, 470th, 472nd, 474th, 476th, 478th, 480th, 482nd, 484th, 486th, 488th, 490th, 492nd, 494th, 496th, 498th, 500th, 502nd, 504th, 506th, 508th, 510th, 512th, 514th, 516th, 518th, 520th, 522nd, 524th, 526th, 528th, 530th, 532nd, 534th, 536th, 538th, 540th, 542nd, 544th, 546th, 548th, 550th, 552nd, 554th, 556th, 558th, 560th, 562nd, 564th, 566th, 568th, 570th, 572nd, 574th, 576th, 578th, 580th, 582nd, 584th, 586th, 588th, 590th, 592nd, 594th, 596th, 598th, 600th, 602nd, 604th, 606th, 608th, 610th, 612th, 614th, 616th, 618th, 620th, 622nd, 624th, 626th, 628th, 630th, 632nd, 634th, 636th, 638th, 640th, 642nd, 644th, 646th, 648th, 650th, 652nd, 654th, 656th, 658th, 660th, 662nd, 664th, 666th, 668th, 670th, 672nd, 674th, 676th, 678th, 680th, 682nd, 684th, 686th, 688th, 690th, 692nd, 694th, 696th, 698th, 700th, 702nd, 704th, 706th, 708th, 710th, 712th, 714th, 716th, 718th, 720th, 722nd, 724th, 726th, 728th, 730th, 732nd, 734th, 736th, 738th, 740th, 742nd, 744th, 746th, 748th, 750th, 752nd, 754th, 756th, 758th, 760th, 762nd, 764th, 766th, 768th, 770th, 772nd, 774th, 776th, 778th, 780th, 782nd, 784th, 786th, 788th, 790th, 792nd, 794th, 796th, 798th, 800th, 802nd, 804th, 806th, 808th, 810th, 812th, 814th, 816th, 818th, 820th, 822nd, 824th, 826th, 828th, 830th, 832nd, 834th, 836th, 838th, 840th, 842nd, 844th, 846th, 848th, 850th, 852nd, 854th, 856th, 858th, 860th, 862nd, 864th, 866th, 868th, 870th, 872nd, 874th, 876th, 878th, 880th, 882nd, 884th, 886th, 888th, 890th, 892nd, 894th, 896th, 898th, 900th, 902nd, 904th, 906th, 908th, 910th, 912th, 914th, 916th, 918th, 920th, 922nd, 924th, 926th, 928th, 930th, 932nd, 934th, 936th, 938th, 940th, 942nd, 944th, 946th, 948th, 950th, 952nd, 954th, 956th, 958th, 960th, 962nd, 964th, 966th, 968th, 970th, 972nd, 974th, 976th, 978th, 980th, 982nd, 984th, 986th, 988th, 990th, 992nd, 994th, 996th, 998th, 1000th, 1002nd, 1004th, 1006th, 1008th, 1010th, 1012th, 1014th, 1016th, 1018th, 1020th, 1022nd, 1024th, 1026th, 1028th, 1030th, 1032nd, 1034th, 1036th, 1038th, 1040th, 1042nd, 1044th, 1046th, 1048th, 1050th, 1052nd, 1054th, 1056th, 1058th, 1060th, 1062nd, 1064th, 1066th, 1068th, 1070th, 1072nd, 1074th, 1076th, 1078th, 1080th, 1082nd, 1084th, 1086th, 1088th, 1090th, 1092nd, 1094th, 1096th, 1098th, 1100th, 1102nd, 1104th, 1106th, 1108th, 1110th, 1112th, 1114th, 1116th, 1118th, 1120th, 1122nd, 1124th, 1126th, 1128th, 1130th, 1132nd, 1134th, 1136th, 1138th, 1140th, 1142nd, 1144th, 1146th, 1148th, 1150th, 1152nd, 1154th, 1156th, 1158th, 1160th, 1162nd, 1164th, 1166th, 1168th, 1170th, 1172nd, 1174th, 1176th, 1178th, 1180th, 1182nd, 1184th, 1186th, 1188th, 1190th, 1192nd, 1194th, 1196th, 1198th, 1200th, 1202nd, 1204th, 1206th, 1208th, 1210th, 1212th, 1214th, 1216th, 1218th, 1220th, 1222nd, 1224th, 1226th, 1228th, 1230th, 1232nd, 1234th, 1

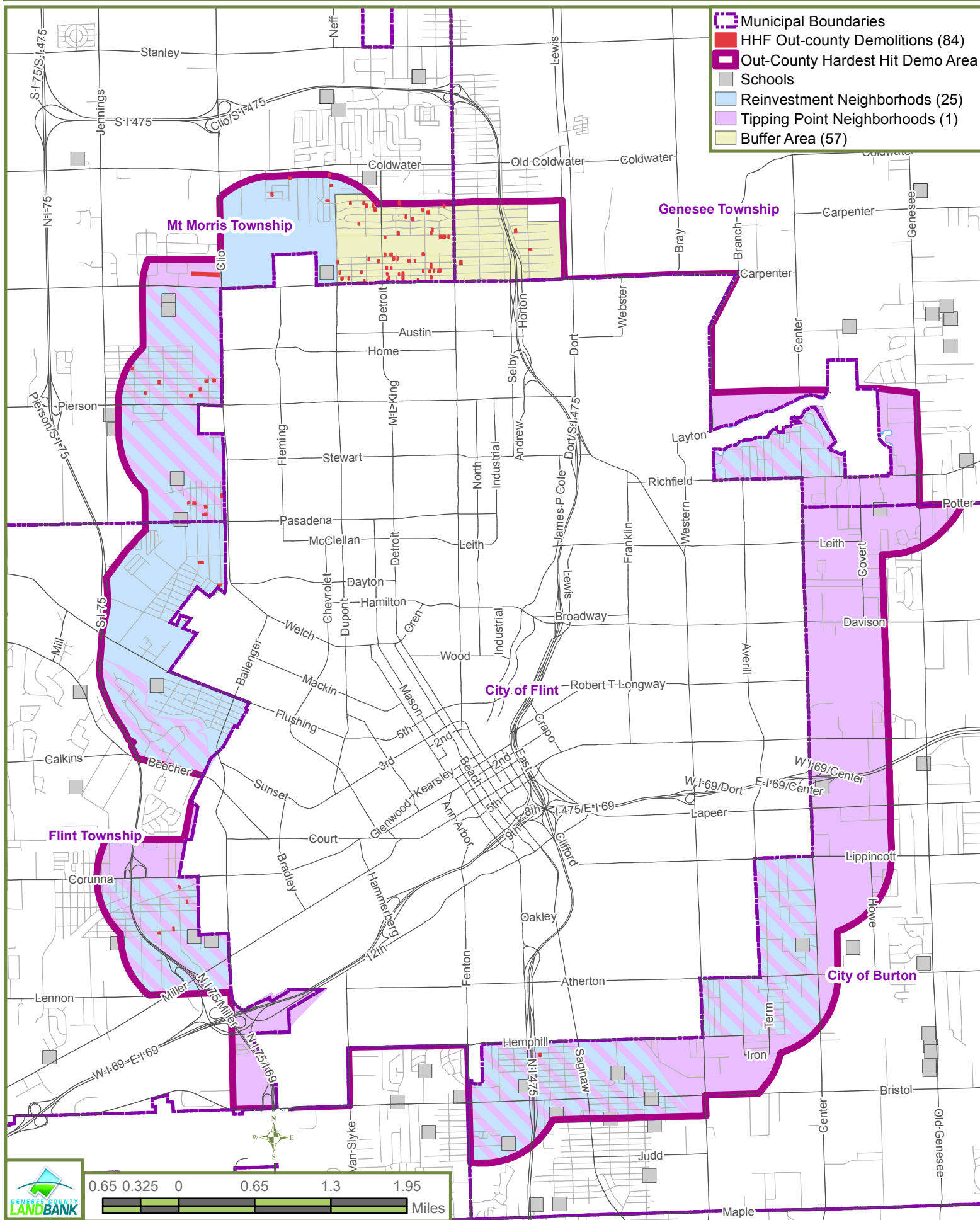




## Hardest Hit Fund 5 (HHF5) Demolitions









#### **APPENDIX 4 – FEDERAL AND COUNTY REGULATIONS**

1. Federal Labor Standard Provisions
2. Equal Opportunity Clause - Executive Order 11246 (as amended)
3. Nondiscrimination Clause
4. Genesee County Prevailing Wage Policy

## 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 I(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 I(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 I(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 1010, 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 EMPLOYMENT OPPORTUNITY CLAUSE**

(EXECUTIVE ORDER 11246 *as amended*)

During the performance of this contract, the contractor (Contractor) agrees as follows:

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, color, religion, sex, sexual orientation, gender identity, 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, color, religion, sex, sexual orientation, gender identity, 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 advancements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.
- 3) The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.
- 4) 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.
- 5) 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.
- 6) 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.
- 7) 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.

- 8) The contractor will include the provisions of paragraphs (1) through (8) 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 September 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 may be directed by the Secretary of Labor 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, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

#### **NONDISCRIMINATION CLAUSE**

The Contractor agrees that it will comply with the Elliot Larsen Civil Rights Act, 1976 PA 453, as amended, MCL 37.2101 *et seq.*, the Persons with Disabilities Civil Rights Act, 1976 PA 220, as amended, MCL 37.1101 *et seq.*, and all other federal, State and local fair employment practices and equal opportunity laws. The Contractor agrees that it shall not discriminate against an employee or applicant of employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, marital status or a disability that is unrelated to the individual's ability to perform the duties of a particular job or position, and that it will require the same non-discrimination assurances from any subcontractor who may be used to carry out duties described in this contract. Contractor covenants that it will not discriminate against businesses that are owned by women, minorities or persons with disabilities in providing Work covered by this Contract, and that it shall require the same assurances from subcontractors. Breach of this agreement shall be regarded as a material breach of this contract.

## **GENESEEE COUNTY POLICIES PREVAILING WAGE POLICY**

1. Every contract executed with the County of Genesee or with a contracting agent must contain express terms as follows:

a. That the rates of wages and fringe benefits to be paid to each class of construction mechanics by the contractor and all of his subcontractors, on the project which is the subject of the contract, shall not be less than the wage and fringe benefits currently prevailing in the County of Genesee.

b. That the contractor and all of his subcontractors shall not discriminate against any employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment because of race, color, religion, national origin, ancestry, sex, or age.

2. Each contracting agent, before awarding any contract, shall determine the schedule of prevailing wages and fringe benefits for all classes of construction mechanics called for in the contract. Such wages and fringe benefits shall be those prevailing in the County of Genesee, on projects of a character similar to that being contracted, under collective agreements or understandings between bona fide organizations or construction mechanics and their employers. Such agreements and understandings, to meet the requirements of this section, shall not be controlled in any way by either an employee or employer organization. Such schedule of prevailing rates or wages and fringe benefits shall be made a part of the specifications for the work to be performed. Such schedule may be the minimum wage and fringe benefit scale for Genesee County compiled and published by the Building and Construction Trades Department of the AFL-CIO.

3. Every contractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in the contract and shall keep an accurate record showing the names and occupation of, and actual wages and benefits paid to, each construction mechanic employed by him in connection with said contract.

4. If the contractor or subcontractor is in default in the performance of the covenants set forth in paragraph 1 above, the contracting agent shall proceed to enforce said covenants, and upon the failure of the contractor or subcontractor to abide by said covenants, the contracting agent shall proceed with its remedies as provided by state and federal law.

5. Any interested party may challenge the performance of the contractor or subcontractor of the covenants of paragraph 2 above by filing a written complaint with the contracting agent. The contracting agent shall then conduct an investigation, which may include a public hearing, to determine whether it will proceed as provided in paragraph 4 above.

6. As used herein,

a. "Contracting agent" means any officer, board, commission, or organization which receives directly or indirectly monies or properties from or on behalf of the County of Genesee, including without limitation a lessee or sub-lessee of land owned by Genesee County.

b. "Contract" means any agreement, as a result of competitive Proposals or otherwise, for new construction, alteration, repair, installation, painting, decorating, completion, demolition, conditioning, reconditioning, or improvement of public buildings, works, bridges, highways or roads, which is to be performed in Genesee County and either on County of Genesee property or financed by or through the County of Genesee.

c. "Construction mechanic" means any skilled or unskilled mechanic, laborer, worker, helper, assistant, apprentice or driver, but shall not include executive, administrative, professional, office, or custodial employees, and shall not include Genesee County employees who are working pursuant to a collective bargaining agreement between said County and a bona fide labor organization.

7. Contracts which contain provisions requiring the payment of prevailing wages as determined by the United States Secretary of Labor pursuant to the Federal Davis-Bacon Act (United States Code, title 40, section 276a et seq.) or which contain provisions requiring the payment of prevailing wages as determined by the Department of Labor pursuant to P.A. 166 of 1965, as amended, MCL 408.551 et seq., or which contain minimum wage schedules which are the same as prevailing wages in the locality as determined by collective bargaining agreements or understandings between bona fide organizations or construction mechanics and their employers, are exempt from the provisions of this resolution.

8. Any lease of property owned by Genesee County shall include a provision that new construction, alteration, repair, installation, painting, decorating, completion, demolition, conditioning, reconditioning, or improvement of buildings, works, bridges, highways, or roads on such property shall be considered work on public buildings, works, bridges, highways, or roads, within the meaning or provision 6(b) of this resolution and that the lessee or any sub-lessee will be bound by the provisions of this resolution.

9. It is the intent of this Board of Commissioners that every contracting agent shall adopt the preceding paragraphs of this resolution.

10. The Genesee County Purchasing Agent, the Genesee County Controller, and the Genesee County Chief Engineer, are hereby directed to effectuate this resolution, on behalf of this Board, within their respective spheres of responsibility.

11. The Genesee County Clerk is hereby directed to forward to each Genesee County board, commission, elected official, agency, and department, a copy of this resolution and a notation of the adoption of same.

12. The previous resolution of this Board concerning payment of prevailing wages, as adopted on June 23, 1969, and as set forth as pages 337 through 339 of the compiled 1969 Proceedings of this Board, is hereby rescinded."

Resol. #79-558

Approved 10/23/79

forms2\prevwage

5/94





RICK. SNYDER  
GOVERNOR



## STATE OF MICHIGAN

Prevailing Wages

PO Box 30476

Lansing, MI 48909

517-322-1825

### *Informational Sheet: Prevailing Wages on State Projects*

#### REQUIREMENTS OF THE PREVAILING WAGES ON STATE PROJECTS ACT, PUBLIC ACT 166 OF 1965

The State of Michigan determines prevailing rates pursuant to the Prevailing Wages on State Projects Act, Public Act 166 of 1965, as amended. The purpose of establishing prevailing rates is to provide minimum rates of pay that must be paid to workers on construction projects for which the state or a school district is the contracting agent and which is financed or financially supported by the state. By law, prevailing rates are compiled from the rates contained in collectively bargained agreements which cover the locations of the state projects. The official prevailing rate schedule provides an hourly rate which includes *wage and fringe benefit totals* for designated construction mechanic classifications. The overtime rates also include *wage and fringe benefit totals*. Please pay special attention to the overtime and premium pay requirements. Prevailing wage is satisfied when wages plus fringe benefits paid to a worker are equal to or greater than the required rate.

#### **State of Michigan responsibilities under the law:**

- The department establishes the prevailing rate for each classification of construction mechanic ***requested by a contracting agent*** prior to contracts being let out for bid on a state project.

#### **Contracting agent responsibilities under the law:**

- If a contract is not awarded or construction does not start within 90 days of the date of the issuance of rates, a re-determination of rates must be requested by the contracting agent.
- Rates for classifications needed but not provided on the Prevailing Rate Schedule, ***must*** be obtained ***prior*** to contracts being let out for bid on a state project.
- The contracting agent, by written notice to the contractor and the sureties of the contractor known to the contracting agent, may terminate the contractor's right to proceed with that part of the contract, for which less than the prevailing rates have been or will be paid, and may proceed to complete the contract by separate agreement with another contractor or otherwise, and the original contractor and his sureties shall be liable to the contracting agent for any excess costs occasioned thereby.

#### **Contractor responsibilities under the law:**

- Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing rates prescribed in a contract.
- Every contractor and subcontractor shall keep an accurate record showing the name and occupation of and the actual wages and benefits paid to each construction mechanic employed by him in connection including certified payroll, as used in the industry, with said contract. This record shall be available for reasonable inspection by the contracting agent or the department.
- Each contractor or subcontractor is separately liable for the payment of the prevailing rate to its employees.
- The prime contractor is responsible for advising all subcontractors of the requirement to pay the prevailing rate prior to commencement of work.
- The prime contractor is secondarily liable for payment of prevailing rates that are not paid by a subcontractor.
- A construction mechanic ***shall only*** be paid the apprentice rate if registered with the United States Department of Labor, Bureau of Apprenticeship and Training and the rate is included in the contract.

#### **Enforcement:**

A person who has information of an alleged prevailing wage violation on a state project may file a complaint with the State of Michigan. The department will investigate and attempt to resolve the complaint informally. During the course of an investigation, if the requested records and posting certification are not made available in compliance with Section 5 of Act 166, the investigation will be concluded and a referral to the Office of Attorney General for civil action will be made. The Office of Attorney General will pursue costs and fees associated with a lawsuit if filing is necessary to obtain records.



RICK. SNYDER  
GOVERNOR



## STATE OF MICHIGAN

Prevailing Wages

PO Box 30476

Lansing, MI 48909

517-322-1825

### *Informational Sheet: Prevailing Wages on State Projects*

#### General Information Regarding Fringe Benefits

**Certain** fringe benefits **may** be credited toward the payment of the Prevailing Wage Rate:

- o If a fringe benefit is paid directly to a construction mechanic
- o If a fringe benefit contribution or payment is made on behalf of a construction mechanic
- o If a fringe benefit, which may be provided to a construction mechanic, is pursuant to a written contract or policy
- o If a fringe benefit is paid into a fund, for a construction mechanic

When a fringe benefit is not paid by an hourly rate, the hourly credit will be calculated based on the annual value of the fringe benefit divided by 2080 hours per year (52 weeks @ 40 hours per week).

The following is an example of the types of fringe benefits allowed and how an hourly credit is calculated:

|                            |                                                        |               |
|----------------------------|--------------------------------------------------------|---------------|
| Vacation                   | 40 hours X \$14.00 per hour = \$560/2080 =             | \$0.27        |
| Dental insurance           | \$31.07 monthly premium X 12 mos. = \$372.84 /2080 =   | \$0.18        |
| Vision insurance           | \$5.38 monthly premium X 12 mos. = \$64.56/2080 =      | \$0.03        |
| Health insurance           | \$230.00 monthly premium X 12 mos. = \$2,760.00/2080 = | \$1.33        |
| Life insurance             | \$27.04 monthly premium X 12 mos. = \$324.48/2080 =    | \$0.16        |
| Tuition                    | \$500.00 annual cost/2080 =                            | \$0.24        |
| Bonus                      | 4 quarterly bonus/year x \$250 = \$1000.00/2080 =      | \$0.48        |
| 401k Employer Contribution | \$2000.00 total annual contribution/2080 =             | \$0.96        |
| Total Hourly Credit        |                                                        | <u>\$3.65</u> |

Other examples of the types of fringe benefits allowed:

- Sick pay
- Holiday pay
- Accidental Death & Dismemberment insurance premiums

The following are examples of items that **will not** be credited toward the payment of the Prevailing Wage Rate

- o Legally required payments, such as:
  - Unemployment Insurance payments
  - Workers' Compensation Insurance payments
  - FICA (Social Security contributions, Medicare contributions)
- o Reimbursable expenses, such as:
  - Clothing allowance or reimbursement
  - Uniform allowance or reimbursement
  - Gas allowance or reimbursement
  - Travel time or payment
  - Meals or lodging allowance or reimbursement
  - Per diem allowance or payment
- o Other payments to or on behalf of a construction mechanic that are not wages or fringe benefits, such as:
  - Industry advancement funds
  - Financial or material loans



**State of Michigan**  
**DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS**  
**MICHIGAN OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION**  
**MARTHA B. YODER**  
**DIRECTOR**

**OVERTIME PROVISIONS for MICHIGAN PREVAILING WAGE RATE COMMERCIAL SCHEDULE**

1. Overtime is represented as a nine character code. Each character represents a certain period of time after the first 8 hours Monday thru Friday.

|               | Monday thru Friday | Saturday | Sunday & Holidays | Four 10s |
|---------------|--------------------|----------|-------------------|----------|
| First 8 Hours |                    | <b>4</b> | <b>8</b>          | <b>9</b> |
| 9th Hour      | <b>1</b>           | <b>5</b> |                   |          |
| 10th Hour     | <b>2</b>           | <b>6</b> |                   |          |
| Over 10 hours | <b>3</b>           | <b>7</b> |                   |          |

Overtime for Monday thru Friday after 8 hours:

the 1st character is for time worked in the 9th hour (8.1 - 9 hours)

the 2nd character is for time worked in the 10th hour (9.1 - 10 hours)

the 3rd character is for time worked beyond the 10th hour (10.1 and beyond)

Overtime on Saturday:

the 4th character is for time worked in the first 8 hours on Saturday (0 - 8 hours)

the 5th character is for time worked in the 9th hour on Saturday (8.1 - 9 hours)

the 6th character is for time worked in the 10th hour (9.1 - 10 hours)

the 7th character is for time worked beyond the 10th hour (10.01 and beyond)

Overtime on Sundays & Holidays

The 8th character is for time worked on Sunday or on a holiday

Four Ten Hour Days

The 9th character indicates if an optional 4-day 10-hour per day workweek can be worked ***between Monday and Friday without paying overtime after 8 hours worked, unless otherwise noted in the rate schedule. To utilize a 4 ten workweek, notice is required from the employer to employee prior to the start of work on the project.***

2. Overtime Indicators Used in the Overtime Provision:

H - means TIME AND ONE-HALF due

X - means TIME AND ONE-HALF due after 40 HOURS worked

D - means DOUBLE PAY due

Y - means YES an optional 4-day 10-hour per day workweek can be worked without paying overtime after 8 hours worked

N - means NO an optional 4-day 10-hour per day workweek *can not* be worked without paying overtime after 8 hours worked

3. EXAMPLES:

HHHHHHHDN - This example shows that the 1½ rate must be used for time worked after 8 hours Monday thru Friday (*characters 1 - 3*); for all hours worked on Saturday, 1½ rate is due (*characters 4 - 7*). Work done on Sundays or holidays must be paid double time (*character 8*). The N (*character 9*) indicates that 4 ten-hour days is not an acceptable workweek at regular pay.

XXXHHHHDY - This example shows that the 1½ rate must be used for time worked after 40 hours are worked Monday thru Friday (*characters 1-3*); for hours worked on Saturday, 1½ rate is due (*characters 4 – 7*). Work done on Sundays or holidays must be paid double time (*character 8*). The Y (*character 9*) indicates that 4 ten-hour days is an acceptable alternative workweek.

LARA is an equal opportunity employer.

Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.

Wage & Hour Division

7150 HARRIS DRIVE • P.O. BOX 30476 • LANSING, MICHIGAN 48909

[www.michigan.gov/wagehour](http://www.michigan.gov/wagehour) • Phone : (517) 322-1825

## ENGINEERS - CLASSES OF EQUIPMENT LIST

### UNDERGROUND ENGINEERS

#### **CLASS I**

Backfiller Tamper, Backhoe, Batch Plant Operator, Clam-Shell, Concrete Paver (2 drums or larger), Conveyor Loader (Euclid type), Crane (crawler, truck type or pile driving), Dozer, Dragline, Elevating Grader, End Loader, Gradall (and similar type machine), Grader, Power Shovel, Roller (asphalt), Scraper (self propelled or tractor drawn), Side Broom Tractor (type D-4 or larger), Slope Paver, Trencher (over 8' digging capacity), Well Drilling Rig, Mechanic, Slip Form Paver, Hydro Excavator.

#### **CLASS II**

Boom Truck (power swing type boom), Crusher, Hoist, Pump (1 or more 6" discharge or larger gas or diesel powered by generator of 300 amps or more, inclusive of generator), Side Boom Tractor (smaller than type D-4 or equivalent), Tractor (pneu-tired, other than backhoe or front end loader), Trencher (8' digging capacity and smaller), Vac Truck.

#### **CLASS III**

Air Compressors (600 cfm or larger), Air Compressors (2 or more less than 600 cfm), Boom Truck (non-swinging, non-powered type boom), Concrete Breaker (self-propelled or truck mounted, includes compressor), Concrete Paver (1 drum, ½ yard or larger), Elevator (other than passenger), Maintenance Man, Mechanic Helper, Pump (2 or more 4" up to 6" discharge, gas or diesel powered, excluding submersible pump), Pumpcrete Machine (and similar equipment), Wagon Drill Machine, Welding Machine or Generator (2 or more 300 amp or larger, gas or diesel powered).

#### **CLASS IV**

Boiler, Concrete Saw (40HP or over), Curing Machine (self-propelled), Farm Tractor (w/attachment), Finishing Machine (concrete), Firemen, Hydraulic Pipe Pushing Machine, Mulching Equipment, Oiler (2 or more up to 4", exclude submersible), Pumps (2 or more up to 4" discharge if used 3 hrs or more a day-gas or diesel powered, excluding submersible pumps), Roller (other than asphalt), Stump Remover, Vibrating Compaction Equipment (6' wide or over), Trencher (service) Sweeper (Wayne type and similar equipment), Water Wagon, Extend-a-Boom Forklift.

### HAZARDOUS WASTE ABATEMENT ENGINEERS

#### **CLASS I**

Backhoe, Batch Plant Operator, Clamshell, Concrete Breaker when attached to hoe, Concrete Cleaning Decontamination Machine Operator, Concrete Pump, Concrete Paver, Crusher, Dozer, Elevating Grader, Endloader, Farm Tractor (90 h.p. and higher), Gradall, Grader, Heavy Equipment Robotics Operator, Hydro Excavator, Loader, Pug Mill, Pumpcrete Machines, Pump Trucks, Roller, Scraper (self-propelled or tractor drawn), Side Boom Tractor, Slip Form Paver, Slope Paver, Trencher, Ultra High Pressure Waterjet Cutting Tool System Operator, Vactors, Vacuum Blasting Machine Operator, Vertical Lifting Hoist, Vibrating Compaction Equipment (self-propelled), and Well Drilling Rig.

#### **CLASS II**

Air Compressor, Concrete Breaker when not attached to hoe, Elevator, End Dumps, Equipment Decontamination Operator, Farm Tractor (less than 90 h.p.), Forklift, Generator, Heater, Mulcher, Pigs (Portable Reagent Storage Tanks), Power Screens, Pumps (water), Stationary Compressed Air Plant, Sweeper, Water Wagon and Welding Machine.

**2018 Prevailing Wage Rates for State Funded Projects****Unofficial Rates For Informational Purposes Only****Genesee County**

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| <u>Classification</u>                                                                         |                                     | Straight | Time and | Double   | Overtime Provision |
|-----------------------------------------------------------------------------------------------|-------------------------------------|----------|----------|----------|--------------------|
| Name                                                                                          | Description                         | Hourly   | a Half   | Time     |                    |
| Asbestos & Lead Abatement Laborer                                                             |                                     |          |          |          |                    |
| Asbestos & Lead Abatement Laborer                                                             | MLDC                                | \$41.30  | \$55.23  | \$69.16  | H H H X X X X D Y  |
| Comment                                                                                       |                                     |          |          |          |                    |
| 4 ten hour days @ straight time allowed Monday-Saturday, must be consecutive calendar days    |                                     |          |          |          |                    |
| Apprentice Rates:                                                                             |                                     |          |          |          |                    |
|                                                                                               | Trainee 600 hours + 1 calendar year | \$30.22  | \$33.28  | \$41.73  |                    |
| Asbestos, Lead and Mold Abatement, Hazardous Material Handler                                 |                                     |          |          |          |                    |
| Asbestos, Lead and Mold Abatement, Hazardous Material Handler                                 | AS207                               | \$40.75  | \$54.25  | \$67.75  | H H H X X X X D Y  |
| Comment                                                                                       |                                     |          |          |          |                    |
| Four ten hour days @ straight time allowed Monday-Saturday, must be consecutive calendar days |                                     |          |          |          |                    |
| Boilermaker                                                                                   |                                     |          |          |          |                    |
| Boilermaker                                                                                   | BO169                               | \$54.70  | \$81.08  | \$107.45 | H H H H H H H D Y  |
| Apprentice Rates:                                                                             |                                     |          |          |          |                    |
|                                                                                               | 1st 6 months                        | \$40.31  | \$59.49  | \$78.67  |                    |
|                                                                                               | 2nd 6 months                        | \$41.45  | \$61.21  | \$80.95  |                    |
|                                                                                               | 3rd 6 months                        | \$42.57  | \$62.88  | \$83.19  |                    |
|                                                                                               | 4th 6 months                        | \$43.69  | \$64.57  | \$85.43  |                    |
|                                                                                               | 5th 6 months                        | \$44.81  | \$66.24  | \$87.67  |                    |
|                                                                                               | 6th 6 months                        | \$48.63  | \$72.50  | \$96.36  |                    |
|                                                                                               | 7th 6 months                        | \$49.32  | \$73.01  | \$96.69  |                    |
|                                                                                               | 8th 6 months                        | \$51.58  | \$76.40  | \$101.21 |                    |

**Unofficial Rates For Informational Purposes Only**

# Genesee County

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| <u>Classification</u>                                                                                                                            |                                                                | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------|--------------------|----------------|--------------------|
| Name                                                                                                                                             | Description                                                    |                    |                    |                |                    |
| Bricklayer                                                                                                                                       |                                                                |                    |                    |                |                    |
| Bricklayer and Block                                                                                                                             | BR9-12-BL                                                      | \$49.69            | \$63.74            | \$77.80        | H H H H H H D Y    |
| Comment                                                                                                                                          | Make up day allowed<br>4 10s allowed M-F; Saturday make up day |                    |                    |                |                    |
|                                                                                                                                                  | Apprentice Rates:                                              |                    |                    |                |                    |
|                                                                                                                                                  | 0 - 749 hours                                                  | \$37.45            | \$45.68            | \$53.92        |                    |
|                                                                                                                                                  | 750 - 1,499 hours                                              | \$38.98            | \$47.98            | \$56.98        |                    |
|                                                                                                                                                  | 1,500 - 2,249 hours                                            | \$40.51            | \$50.27            | \$60.04        |                    |
|                                                                                                                                                  | 2,250 - 2,999 hours                                            | \$42.04            | \$52.56            | \$63.10        |                    |
|                                                                                                                                                  | 3,000 - 3,749 hours                                            | \$43.57            | \$54.86            | \$66.16        |                    |
|                                                                                                                                                  | 3,750 - 4,499 hours                                            | \$45.10            | \$57.16            | \$69.22        |                    |
|                                                                                                                                                  | 4,500 - 5,249 hours                                            | \$46.63            | \$59.45            | \$72.28        |                    |
|                                                                                                                                                  | 5,250 - 6,000 hours                                            | \$48.16            | \$61.74            | \$75.34        |                    |
| Stone Mason, Artificial Masonry, Marble Masonry, and Pointing, Cleaning and Caulking                                                             | BR9-12-S                                                       | \$49.69            | \$63.74            | \$77.80        | H H H H H H D Y    |
| Comment                                                                                                                                          | 4 10s allowed M-F                                              |                    |                    |                |                    |
|                                                                                                                                                  | Apprentice Rates:                                              |                    |                    |                |                    |
|                                                                                                                                                  | 0-749 hours                                                    | \$38.98            | \$47.98            | \$56.98        |                    |
|                                                                                                                                                  | 750-1499 hours                                                 | \$40.51            | \$50.27            | \$60.04        |                    |
|                                                                                                                                                  | 1500-2249 hours                                                | \$42.04            | \$52.56            | \$63.10        |                    |
|                                                                                                                                                  | 2250-2999 hours                                                | \$43.57            | \$54.86            | \$66.16        |                    |
|                                                                                                                                                  | 3000-3749 hours                                                | \$45.10            | \$57.16            | \$69.22        |                    |
|                                                                                                                                                  | 3750-4499 hours                                                | \$46.63            | \$59.45            | \$72.28        |                    |
| Carpenter                                                                                                                                        |                                                                |                    |                    |                |                    |
| Carpet and Resilient Floor Layer, (does not include installation of prefabricated formica & parquet flooring which is to be paid carpenter rate) | CA1045                                                         | \$52.79            | \$74.31            | \$95.82        | X X H X X X D Y    |
|                                                                                                                                                  | Apprentice Rates:                                              |                    |                    |                |                    |
|                                                                                                                                                  | 1st 6 months                                                   | \$26.42            | \$35.63            | \$44.83        |                    |
|                                                                                                                                                  | 2nd 6 months                                                   | \$30.41            | \$41.61            | \$52.81        |                    |
|                                                                                                                                                  | 3rd 6 months                                                   | \$32.64            | \$44.96            | \$57.27        |                    |
|                                                                                                                                                  | 4th 6 months                                                   | \$34.88            | \$48.32            | \$61.75        |                    |
|                                                                                                                                                  | 5th 6 months                                                   | \$37.12            | \$51.67            | \$66.23        |                    |
|                                                                                                                                                  | 6th 6 months                                                   | \$39.36            | \$55.04            | \$70.71        |                    |
|                                                                                                                                                  | 7th 6 months                                                   | \$41.59            | \$58.39            | \$75.17        |                    |
|                                                                                                                                                  | 8th 6 months                                                   | \$43.83            | \$61.74            | \$79.65        |                    |

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| <u>Classification</u>                                                                                                                                                                          |                        | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------|--------------------|----------------|--------------------|
| Name                                                                                                                                                                                           | Description            |                    |                    |                |                    |
| Carpenter, Acoustical Ceiling Tile Erector, Piledriver                                                                                                                                         | CA706F                 | \$47.35            | \$60.61            | \$73.86        | X X H H H H H D N  |
| <b>Apprentice Rates:</b>                                                                                                                                                                       |                        |                    |                    |                |                    |
|                                                                                                                                                                                                | 1st year               | \$39.40            | \$48.68            | \$57.96        |                    |
|                                                                                                                                                                                                | 2nd year               | \$40.72            | \$50.66            | \$60.60        |                    |
|                                                                                                                                                                                                | 3rd year               | \$43.37            | \$54.64            | \$65.90        |                    |
|                                                                                                                                                                                                | 4th year               | \$46.02            | \$58.61            | \$71.20        |                    |
| <b>Cement Finisher</b>                                                                                                                                                                         |                        |                    |                    |                |                    |
| Cement Finisher                                                                                                                                                                                | BR9-12-CF              | \$44.02            | \$56.73            | \$69.43        | X X H X X X H D Y  |
| Comment 4 10s allowed M-F                                                                                                                                                                      |                        |                    |                    |                |                    |
| <b>Apprentice Rates:</b>                                                                                                                                                                       |                        |                    |                    |                |                    |
|                                                                                                                                                                                                | 0-749 hours            | \$34.36            | \$42.49            | \$50.64        |                    |
|                                                                                                                                                                                                | 750-1499 hours         | \$35.74            | \$44.57            | \$53.40        |                    |
|                                                                                                                                                                                                | 1500-2249 hours        | \$37.12            | \$46.63            | \$56.16        |                    |
|                                                                                                                                                                                                | 2250-2999 hours        | \$38.50            | \$48.71            | \$58.92        |                    |
|                                                                                                                                                                                                | 3000-3749 hours        | \$39.88            | \$50.77            | \$61.68        |                    |
|                                                                                                                                                                                                | 3750-4499 hours        | \$41.26            | \$52.85            | \$64.44        |                    |
| <b>Cement Mason</b>                                                                                                                                                                            |                        |                    |                    |                |                    |
| Cement Mason                                                                                                                                                                                   | PL16-6                 | \$41.92            | \$55.93            | \$69.94        | H H H H H H H D Y  |
| Comment Make up day allowed                                                                                                                                                                    |                        |                    |                    |                |                    |
| Four 10s allowed Monday-Thursday with Friday or Saturday inclement weather make up days. Saturday hours for inclement weather make up shall be paid straight rate unless over 40 hours worked. |                        |                    |                    |                |                    |
| <b>Apprentice Rates:</b>                                                                                                                                                                       |                        |                    |                    |                |                    |
|                                                                                                                                                                                                | 1st year               | \$32.11            | \$41.22            | \$50.32        |                    |
|                                                                                                                                                                                                | 2nd year               | \$34.92            | \$45.43            | \$55.94        |                    |
|                                                                                                                                                                                                | 3rd year               | \$37.72            | \$49.63            | \$61.54        |                    |
| <b>Drywall</b>                                                                                                                                                                                 |                        |                    |                    |                |                    |
| Finisher-hand finishing                                                                                                                                                                        | PT-1052-DF             | \$37.97            | \$50.98            | \$63.99        | X X H X X X H D Y  |
| Comment Make up day allowed                                                                                                                                                                    |                        |                    |                    |                |                    |
| The regular weekly work schedule may consist of 4 10s on consecutive days, Monday thru Saturday. A make-up day may be scheduled for work missed due to holiday or inclement weather.           |                        |                    |                    |                |                    |
| <b>Apprentice Rates:</b>                                                                                                                                                                       |                        |                    |                    |                |                    |
|                                                                                                                                                                                                | 1st year               | \$24.96            | \$31.47            | \$37.97        |                    |
|                                                                                                                                                                                                | 2nd year, 1st 6 months | \$27.56            | \$35.37            | \$43.17        |                    |
|                                                                                                                                                                                                | 2nd year, 2nd 6 months | \$30.16            | \$39.27            | \$48.37        |                    |
|                                                                                                                                                                                                | 3rd year, 1st 6 months | \$32.77            | \$43.18            | \$53.59        |                    |
|                                                                                                                                                                                                | Until completion       | \$35.37            | \$47.08            | \$58.79        |                    |

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| <u>Classification</u>                                                                        |                                            | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|----------------------------------------------------------------------------------------------|--------------------------------------------|--------------------|--------------------|----------------|--------------------|
| Name                                                                                         | Description                                |                    |                    |                |                    |
| Electrician                                                                                  |                                            |                    |                    |                |                    |
| Journeyman Electrician -Inside Wireman                                                       | EC-948-IW                                  | \$59.97            | \$86.02            | \$112.08       | H H H H H H D Y    |
| Apprentice Rates:                                                                            |                                            |                    |                    |                |                    |
|                                                                                              | 1st period                                 | \$24.68            | \$33.72            | \$42.75        |                    |
|                                                                                              | 2nd period                                 | \$26.94            | \$37.11            | \$47.27        |                    |
|                                                                                              | 3rd period                                 | \$29.20            | \$40.50            | \$51.79        |                    |
|                                                                                              | 4th period                                 | \$33.71            | \$47.27            | \$60.81        |                    |
|                                                                                              | 5th period                                 | \$35.98            | \$50.67            | \$65.35        |                    |
|                                                                                              | 6th period                                 | \$40.50            | \$57.45            | \$74.39        |                    |
| Sound and Communication Installer/Technician                                                 | EC-948-SC                                  | \$42.76            | \$60.44            | \$78.11        | H H H H H H D Y    |
| Comment                                                                                      |                                            |                    |                    |                |                    |
| Four 10s may be worked Monday-Thursday or Tuesday-Friday.                                    |                                            |                    |                    |                |                    |
| Apprentice Rates:                                                                            |                                            |                    |                    |                |                    |
|                                                                                              | 1st year                                   | \$15.44            | \$21.90            | \$28.37        |                    |
|                                                                                              | 2nd year                                   | \$16.87            | \$24.05            | \$31.23        |                    |
|                                                                                              | 3rd year                                   | \$21.02            | \$30.45            | \$39.88        |                    |
|                                                                                              | 4th year                                   | \$24.15            | \$35.70            | \$46.88        |                    |
| Elevator Constructor                                                                         |                                            |                    |                    |                |                    |
| Elevator, escalator, moving stairway, chair lift and link belt carriers Constructor Mechanic | EL-85                                      | \$83.37            |                    | \$134.06       | D D D D D D D Y    |
| Comment                                                                                      |                                            |                    |                    |                |                    |
| 4 tens allowed M-TH                                                                          |                                            |                    |                    |                |                    |
| Apprentice Rates:                                                                            |                                            |                    |                    |                |                    |
|                                                                                              | Probationary Apprentice less than 6 months | \$25.35            |                    | \$50.70        |                    |
|                                                                                              | 1st Year, 7-12 Months                      | \$60.56            |                    | \$88.44        |                    |
|                                                                                              | 2nd Year                                   | \$65.63            |                    | \$98.58        |                    |
|                                                                                              | 3rd Year                                   | \$68.16            |                    | \$103.64       |                    |
|                                                                                              | 4th Year                                   | \$73.23            |                    | \$113.78       |                    |
| Elevator Constructor Assistant Mechanic                                                      | EL-85AM                                    | \$73.23            |                    | \$113.78       | D D D D D D D Y    |
| Comment                                                                                      |                                            |                    |                    |                |                    |
| 4 tens allowed M-TH                                                                          |                                            |                    |                    |                |                    |
| Elevator Constructor Mechanic Helper                                                         | EL-85-H                                    | \$68.16            |                    | \$103.64       | D D D D D D D Y    |
| Comment                                                                                      |                                            |                    |                    |                |                    |
| 4 tens allowed M-TH                                                                          |                                            |                    |                    |                |                    |

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| <u>Classification</u>                                                               |                                                   |                                                                             |                    |                    |                |                    |
|-------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------|--------------------|--------------------|----------------|--------------------|
| Name                                                                                | Description                                       |                                                                             | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
| Glazier                                                                             |                                                   |                                                                             |                    |                    |                |                    |
| Glazier                                                                             | GL-826                                            |                                                                             | \$44.78            | \$60.87            | \$76.95        | H H H H H H D Y    |
| Comment                                                                             |                                                   | 4 tens allowed on consecutive days                                          |                    |                    |                |                    |
| Apprentice Rates:                                                                   |                                                   |                                                                             |                    |                    |                |                    |
| 1st 6 months                                                                        |                                                   |                                                                             | \$31.91            | \$41.57            | \$51.21        |                    |
| 2nd 6 months                                                                        |                                                   |                                                                             | \$33.52            | \$43.98            | \$54.43        |                    |
| 3rd 6 months                                                                        |                                                   |                                                                             | \$35.12            | \$46.38            | \$57.63        |                    |
| 4th 6 months                                                                        |                                                   |                                                                             | \$36.74            | \$48.81            | \$60.87        |                    |
| 5th 6 months                                                                        |                                                   |                                                                             | \$38.35            | \$51.22            | \$64.09        |                    |
| 6th 6 months                                                                        |                                                   |                                                                             | \$39.96            | \$53.64            | \$67.31        |                    |
| 7th 6 months                                                                        |                                                   |                                                                             | \$41.57            | \$56.05            | \$70.53        |                    |
| 8th 6 months                                                                        |                                                   |                                                                             | \$43.17            | \$58.45            | \$73.73        |                    |
| Heat and Frost Insulator                                                            |                                                   |                                                                             |                    |                    |                |                    |
| Spray Insulation -<br>all products                                                  | Qualified Senior Sprayer, application of<br>AS25S |                                                                             | \$29.04            | \$42.35            |                | X X X H H H H H N  |
| Heat and Frost Insulator and Asbestos Worker                                        |                                                   |                                                                             |                    |                    |                |                    |
| Heat and Frost Insulator and Asbestos Worker                                        | AS47                                              |                                                                             | \$47.75            | \$63.01            | \$78.27        | H H H H H H D Y    |
| Comment                                                                             |                                                   | Make up day allowed<br>Friday for cancelled work in a four 10 hour schedule |                    |                    |                |                    |
| Apprentice Rates:                                                                   |                                                   |                                                                             |                    |                    |                |                    |
| 1st year                                                                            |                                                   |                                                                             | \$27.88            | \$35.51            | \$43.14        |                    |
| 2nd year                                                                            |                                                   |                                                                             | \$31.85            | \$41.00            | \$50.16        |                    |
| 3rd year                                                                            |                                                   |                                                                             | \$35.82            | \$46.50            | \$57.18        |                    |
| 4th year                                                                            |                                                   |                                                                             | \$39.80            | \$52.01            | \$64.22        |                    |
| 5th year                                                                            |                                                   |                                                                             | \$43.78            | \$57.51            | \$71.25        |                    |
| Ironworker                                                                          |                                                   |                                                                             |                    |                    |                |                    |
| Fence, Sound Barrier & Guardrail erection/installation and<br>Exterior Signage work | IR-25-F1                                          |                                                                             | \$35.95            | \$48.05            | \$60.15        | X X H X X X H D Y  |
| Comment                                                                             |                                                   | Four ten hour work days may be worked during Monday-Saturday.               |                    |                    |                |                    |
| Apprentice Rates:                                                                   |                                                   |                                                                             |                    |                    |                |                    |
| 60% Level                                                                           |                                                   |                                                                             | \$25.39            | \$32.65            | \$39.91        |                    |
| 65% Level                                                                           |                                                   |                                                                             | \$26.71            | \$34.58            | \$42.44        |                    |
| 70% Level                                                                           |                                                   |                                                                             | \$28.03            | \$36.51            | \$44.98        |                    |
| 75% Level                                                                           |                                                   |                                                                             | \$29.35            | \$38.42            | \$47.50        |                    |
| 80% Level                                                                           |                                                   |                                                                             | \$30.67            | \$40.35            | \$50.03        |                    |
| 85% Level                                                                           |                                                   |                                                                             | \$31.99            | \$42.28            | \$52.56        |                    |

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| <u>Classification</u>         |                                                                                           | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|-------------------------------|-------------------------------------------------------------------------------------------|--------------------|--------------------|----------------|--------------------|
| Name                          | Description                                                                               |                    |                    |                |                    |
| Siding, Glazing, Curtain Wall | IR-25-GZ2                                                                                 | \$48.13            | \$59.92            | \$71.70        | X X H H H H D D Y  |
| Comment                       | Make up day allowed<br>Friday, 4 tens may be worked Monday thru Thursday @ straight time. |                    |                    |                |                    |
|                               | <b>Apprentice Rates:</b>                                                                  |                    |                    |                |                    |
|                               | Level 1                                                                                   | \$31.20            | \$37.93            | \$44.65        |                    |
|                               | Level 2                                                                                   | \$33.31            | \$40.67            | \$48.02        |                    |
|                               | Level 3                                                                                   | \$35.42            | \$43.41            | \$51.39        |                    |
|                               | Level 4                                                                                   | \$37.54            | \$46.16            | \$54.77        |                    |
|                               | Level 5                                                                                   | \$39.66            | \$48.92            | \$58.17        |                    |
|                               | Level 6                                                                                   | \$41.78            | \$51.67            | \$61.55        |                    |
| Pre-engineered Metal Work     | IR-25-PE-Z1                                                                               | \$48.69            | \$59.70            | \$70.70        | X X H X X X D Y    |
| Comment                       | Make up day allowed<br>4 tens allowed M-Th with Saturday make up day                      |                    |                    |                |                    |
|                               | <b>Apprentice Rates:</b>                                                                  |                    |                    |                |                    |
|                               | Probation 1 Year                                                                          | \$27.43            | \$32.86            | \$38.30        |                    |
|                               | 1st Level                                                                                 | \$29.56            | \$35.75            | \$41.95        |                    |
|                               | 2nd Level                                                                                 | \$28.56            | \$34.25            | \$39.95        |                    |
|                               | 3rd Level                                                                                 | \$31.68            | \$38.63            | \$45.57        |                    |
|                               | 4th Level                                                                                 | \$33.81            | \$41.52            | \$49.22        |                    |
|                               | 5th Level                                                                                 | \$35.93            | \$44.38            | \$52.84        |                    |
| Reinforced Iron Work          | IR-25-RF                                                                                  | \$57.30            | \$85.66            | \$114.02       | H H D H D D D D N  |
|                               | Make up day allowed                                                                       |                    |                    |                |                    |
|                               | <b>Apprentice Rates:</b>                                                                  |                    |                    |                |                    |
|                               | Level 1                                                                                   | \$40.32            | \$59.89            | \$79.46        |                    |
|                               | Level 2                                                                                   | \$42.68            | \$63.43            | \$84.18        |                    |
|                               | Level 3                                                                                   | \$45.22            | \$67.24            | \$89.26        |                    |
|                               | Level 4                                                                                   | \$47.75            | \$71.04            | \$94.32        |                    |
|                               | Level 5                                                                                   | \$50.29            | \$74.84            | \$99.40        |                    |
|                               | Level 6                                                                                   | \$50.29            | \$74.84            | \$99.40        |                    |
| Rigging Work                  | IR-25-RIG                                                                                 | \$63.51            | \$95.00            | \$126.49       | H H H H H H D N    |
|                               | <b>Apprentice Rates:</b>                                                                  |                    |                    |                |                    |
|                               | Level 1& 2                                                                                | \$38.22            | \$56.16            | \$74.85        |                    |
|                               | Level 3                                                                                   | \$41.05            | \$61.54            | \$82.01        |                    |
|                               | Level 4                                                                                   | \$43.87            | \$65.76            | \$87.65        |                    |
|                               | Level 5                                                                                   | \$46.70            | \$70.01            | \$93.31        |                    |
|                               | Level 6                                                                                   | \$49.53            | \$74.25            | \$98.97        |                    |

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| <u>Classification</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                           | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|----------------|--------------------|
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Description                                                                                                                                                                                                                                                               |                    |                    |                |                    |
| Decking                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IR-25-SD                                                                                                                                                                                                                                                                  | \$55.47            | \$82.87            | \$110.26       | X X H H H H D D Y  |
| Comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Make up day allowed<br>4 tens may be worked Monday thru Thursday @ straight time. If bad weather, Friday may be a make up day. If holiday celebrated on a Monday, 4 10s may be worked Tuesday thru Friday. Work in excess of 12 hours per day must be paid @ double time. |                    |                    |                |                    |
| Structural, ornamental, welder and pre-cast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IR-25-STR                                                                                                                                                                                                                                                                 | \$63.64            | \$95.12            | \$126.60       | H H H H H H D D Y  |
| Comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Make up day allowed<br>4 tens may be worked Monday thru Thursday @ straight time. If bad weather, Friday may be a make up day. If holiday celebrated on a Monday, 4 10s may be worked Tuesday thru Friday. Work in excess of 12 hours per day must be paid @ double time. |                    |                    |                |                    |
| Apprentice Rates:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                           |                    |                    |                |                    |
| Levels 1 & 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                           | \$38.22            | \$56.99            | \$75.75        |                    |
| Level 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                           | \$41.05            | \$61.24            | \$81.41        |                    |
| Level 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                           | \$43.87            | \$65.46            | \$87.05        |                    |
| Level 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                           | \$46.70            | \$69.71            | \$92.71        |                    |
| Level 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                           | \$49.53            | \$73.95            | \$98.37        |                    |
| Level 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                           | \$52.35            | \$78.18            | \$104.01       |                    |
| Level 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                           | \$55.18            | \$82.43            | \$109.67       |                    |
| Industrial Door erection & construction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IR-25-STR-D                                                                                                                                                                                                                                                               | \$43.74            | \$65.27            | \$86.80        | H H H H H H D D Y  |
| Comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Make up day allowed<br>Friday for bad weather when 4 tens scheduled for M-Th. If holiday celebrated on M, 4 tens may be worked T-F. Work in excess of 12 hours per day must be paid @ double time.                                                                        |                    |                    |                |                    |
| Laborer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                           |                    |                    |                |                    |
| Carpenter tender, mason tender, cement finisher tender, plasterer tender, signal man & top man (sewer work), watchman, tunnel mucker, jackhammer & air spade operator, tunnel man (concrete shoveler, car pusher) bottom man (sewer work), windlass operator (caisson work), demolition laborer, mortar mixer, air, electric, gas tool operator, pump operator (all 3" pumps and below), air & electric bush hammers, concrete gas buggy, concrete saw operator, crock and pipe layers (conduit & vitrified tile, except 4" drain tile around buildings), & Caisson work inside building. | L1075                                                                                                                                                                                                                                                                     | \$36.26            | \$47.57            | \$58.87        | X X H H H H H D Y  |
| Comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Make up day allowed<br>Saturday                                                                                                                                                                                                                                           |                    |                    |                |                    |
| Apprentice Rates:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                           |                    |                    |                |                    |
| 0-1,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                           | \$30.61            | \$39.09            | \$47.57        |                    |
| 1,001-2,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                           | \$31.74            | \$40.79            | \$49.83        |                    |
| 2,001-3,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                           | \$32.87            | \$42.48            | \$52.09        |                    |
| 3,001-4,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                           | \$35.13            | \$45.87            | \$56.61        |                    |
| Cleaner/Sweeper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | L1075-CLN                                                                                                                                                                                                                                                                 | \$27.22            | \$34.29            | \$41.35        | X X H H H H H D Y  |
| Comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Make up day allowed<br>Saturday                                                                                                                                                                                                                                           |                    |                    |                |                    |

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| <u>Classification</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                       | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------|--------------------|----------------|--------------------|
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Description                                                                           |                    |                    |                |                    |
| Laborer - Hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                       |                    |                    |                |                    |
| Class A Laborer - performing work in conjunction with site preparation and other preliminary work prior to actual removal, handling, or containment of hazardous waste substances not requiring use of personal protective equipment required by state or federal regulations; or a laborer performing work in conjunction with the removal, handling, or containment of hazardous waste substances when use of personal protective equipment level "D" is required. | LHAZ-Z7-A                                                                             | \$36.26            | \$51.35            | \$66.43        | H H H H H H D Y    |
| Comment                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Make up day allowed<br>4 10s allowed M-Th or T-F; inclement weather makeup day Friday |                    |                    |                |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Apprentice Rates:                                                                     |                    |                    |                |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0-1,000 work hours                                                                    | \$30.61            | \$42.87            | \$55.13        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1,001-2,000 work hours                                                                | \$31.74            | \$44.57            | \$57.39        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2,001-3,000 work hours                                                                | \$32.87            | \$46.26            | \$59.65        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3,001-4,000 work hours                                                                | \$35.13            | \$49.65            | \$64.17        |                    |
| Class B Laborer - performing work in conjunction with the removal, handling, or containment of hazardous waste substances when the use of personal protective equipment levels "A", "B" or "C" is required.                                                                                                                                                                                                                                                          | LHAZ-Z7-B                                                                             | \$37.26            | \$52.85            | \$68.43        | H H H H H H D Y    |
| Comment                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Make up day allowed<br>4 10s allowed M-Th or T-F; inclement weather makeup day Friday |                    |                    |                |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Apprentice Rates:                                                                     |                    |                    |                |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0-1,000 work hours                                                                    | \$31.36            | \$43.99            | \$56.63        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1,001-2,000 work hours                                                                | \$32.54            | \$45.77            | \$58.99        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2,001-3,000 work hours                                                                | \$33.72            | \$47.53            | \$61.35        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3,001-4,000 work hours                                                                | \$36.08            | \$51.07            | \$66.07        |                    |
| Laborer Underground - Open Cut, Class VI                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |                    |                    |                |                    |
| Grouting man, top man assistant, audio visual television operations and all other operations in connection with closed circuit television inspection, pipe cleaning and pipe relining work and the installation & repair of water service pipe & appurtenances                                                                                                                                                                                                       | LAUC-Z3-6                                                                             | \$32.51            | \$42.19            | \$51.85        | X X X X X X D Y    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Apprentice Rates:                                                                     |                    |                    |                |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0-1,000 work hours                                                                    | \$28.39            | \$36.01            | \$43.61        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1,001-2,000 work hours                                                                | \$29.21            | \$37.23            | \$45.25        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2,001-3,000 work hours                                                                | \$30.04            | \$38.48            | \$46.91        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3,001-4,000 work hours                                                                | \$31.69            | \$40.95            | \$50.21        |                    |

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| Classification                                                                                                                                                                                                                                                                                                                                                                               |                        | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------|--------------------|----------------|--------------------|
| Name                                                                                                                                                                                                                                                                                                                                                                                         | Description            |                    |                    |                |                    |
| Laborer Underground - Open Cut, Class I                                                                                                                                                                                                                                                                                                                                                      |                        |                    |                    |                |                    |
| Construction Laborer                                                                                                                                                                                                                                                                                                                                                                         | LAUC-Z3-1              | \$34.76            | \$45.56            | \$56.35        | X X X X X X D Y    |
| Apprentice Rates:                                                                                                                                                                                                                                                                                                                                                                            |                        |                    |                    |                |                    |
|                                                                                                                                                                                                                                                                                                                                                                                              | 0-1,000 work hours     | \$30.08            | \$38.54            | \$46.99        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                              | 1,001-2,000 work hours | \$31.01            | \$39.93            | \$48.85        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                              | 2,001-3,000 work hours | \$31.95            | \$41.35            | \$50.73        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                              | 3,001-4,000 work hours | \$33.82            | \$44.15            | \$54.47        |                    |
| Laborer Underground - Open Cut, Class II                                                                                                                                                                                                                                                                                                                                                     |                        |                    |                    |                |                    |
| Mortar and material mixer, concrete form man, signal man, well point man, manhole, headwall and catch basin builder, guard rail builders, headwall, seawall, breakwall, dock builder and fence erector.                                                                                                                                                                                      | LAUC-Z3-2              | \$34.90            | \$45.93            | \$56.95        | X X X X X X D Y    |
| Apprentice Rates:                                                                                                                                                                                                                                                                                                                                                                            |                        |                    |                    |                |                    |
|                                                                                                                                                                                                                                                                                                                                                                                              | 0-1,000 work hours     | \$30.18            | \$38.85            | \$47.51        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                              | 1,001-2,000 work hours | \$31.12            | \$40.26            | \$49.39        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                              | 2,001-3,000 work hours | \$32.07            | \$41.69            | \$51.29        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                              | 3,001-4,000 work hours | \$33.96            | \$44.52            | \$55.07        |                    |
| Laborer Underground - Open Cut, Class III                                                                                                                                                                                                                                                                                                                                                    |                        |                    |                    |                |                    |
| Air, gasoline and electric tool operator, vibrator operator, drillers, pump man, tar kettle operator, bracers, rodder, reinforced steel or mesh man (e.g. wire mesh, steel mats, dowel bars, etc.), cement finisher, welder, pipe jacking and boring man, wagon drill and air track operator and concrete saw operator (under 40 h.p.), windlass and tugger man, and directional boring man. | LAUC-Z3-3              | \$35.02            | \$45.95            | \$56.87        | X X X X X X D Y    |
| Apprentice Rates:                                                                                                                                                                                                                                                                                                                                                                            |                        |                    |                    |                |                    |
|                                                                                                                                                                                                                                                                                                                                                                                              | 0-1,000 work hours     | \$30.27            | \$38.83            | \$47.37        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                              | 1,001-2,000 work hours | \$31.22            | \$40.25            | \$49.27        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                              | 2,001-3,000 work hours | \$32.17            | \$41.67            | \$51.17        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                              | 3,001-4,000 work hours | \$34.07            | \$44.53            | \$54.97        |                    |
| Laborer Underground - Open Cut, Class IV                                                                                                                                                                                                                                                                                                                                                     |                        |                    |                    |                |                    |
| Trench or excavating grade man.                                                                                                                                                                                                                                                                                                                                                              | LAUC-Z3-4              | \$35.07            | \$46.03            | \$56.97        | X X X X X X D Y    |
| Apprentice Rates:                                                                                                                                                                                                                                                                                                                                                                            |                        |                    |                    |                |                    |
|                                                                                                                                                                                                                                                                                                                                                                                              | 0-1,000 work hours     | \$30.31            | \$38.89            | \$47.45        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                              | 1,001-2,000 work hours | \$31.26            | \$40.31            | \$49.35        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                              | 2,001-3,000 work hours | \$32.21            | \$41.73            | \$51.25        |                    |
|                                                                                                                                                                                                                                                                                                                                                                                              | 3,001-4,000 work hours | \$34.12            | \$44.60            | \$55.07        |                    |

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| <u>Classification</u>                                                                                                                                                                           |                        | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------|--------------------|----------------|--------------------|
| Name                                                                                                                                                                                            | Description            |                    |                    |                |                    |
| Laborer Underground - Open Cut, Class V                                                                                                                                                         |                        |                    |                    |                |                    |
| Pipe Layer                                                                                                                                                                                      | LAUC-Z3-5              | \$35.21            | \$46.24            | \$57.25        | X X X X X X D Y    |
| Apprentice Rates:                                                                                                                                                                               |                        |                    |                    |                |                    |
|                                                                                                                                                                                                 | 0-1,000 work hours     | \$30.41            | \$39.03            | \$47.65        |                    |
|                                                                                                                                                                                                 | 1,001-2,000 work hours | \$31.37            | \$40.47            | \$49.57        |                    |
|                                                                                                                                                                                                 | 2,001-3,000 work hours | \$32.33            | \$41.91            | \$51.49        |                    |
|                                                                                                                                                                                                 | 3,001-4,000 work hours | \$34.25            | \$44.79            | \$55.33        |                    |
| Laborer Underground - Open Cut, Class VII                                                                                                                                                       |                        |                    |                    |                |                    |
| Restoration laborer, seeding, sodding, planting, cutting, mulching and topsoil grading and the restoration of property such as replacing mail boxes, wood chips, planter boxes, flagstones etc. | LAUC-Z3-7              | \$29.66            | \$37.91            | \$46.15        | X X X X X X D Y    |
| Apprentice Rates:                                                                                                                                                                               |                        |                    |                    |                |                    |
|                                                                                                                                                                                                 | 0-1,000 work hours     | \$26.25            | \$32.79            | \$39.33        |                    |
|                                                                                                                                                                                                 | 1,001-2,000 work hours | \$26.93            | \$33.81            | \$40.69        |                    |
|                                                                                                                                                                                                 | 2,001-3,000 work hours | \$27.61            | \$34.83            | \$42.05        |                    |
|                                                                                                                                                                                                 | 3,001-4,000 work hours | \$28.98            | \$36.89            | \$44.79        |                    |
| Laborer Underground - Tunnel, Shaft & Caisson                                                                                                                                                   |                        |                    |                    |                |                    |
| Class I - Tunnel, shaft and caisson laborer, dump man, shanty man, hog house tender, testing man (on gas), and watchman.                                                                        | LAUCT-Z2-1             | \$36.82            | \$48.70            | \$60.57        | X X X X X X D Y    |
| Apprentice Rates:                                                                                                                                                                               |                        |                    |                    |                |                    |
|                                                                                                                                                                                                 | 0-1,000 work hours     | \$31.52            | \$40.75            | \$49.97        |                    |
|                                                                                                                                                                                                 | 1,001-2,000 work hours | \$32.58            | \$42.34            | \$52.09        |                    |
|                                                                                                                                                                                                 | 2,001-3,000 work hours | \$33.64            | \$43.93            | \$54.21        |                    |
|                                                                                                                                                                                                 | 3,001-4,000 work hours | \$35.76            | \$47.11            | \$58.45        |                    |
| Class II - Manhole, headwall, catch basin builder, bricklayer tender, mortar man, material mixer, fence erector, and guard rail builder                                                         | LAUCT-Z2-2             | \$36.91            | \$48.83            | \$60.75        | X X X X X X D Y    |
| Apprentice Rates:                                                                                                                                                                               |                        |                    |                    |                |                    |
|                                                                                                                                                                                                 | 0-1,000 work hours     | \$31.58            | \$40.84            | \$50.09        |                    |
|                                                                                                                                                                                                 | 1,001-2,000 work hours | \$32.65            | \$42.45            | \$52.23        |                    |
|                                                                                                                                                                                                 | 2,001-3,000 work hours | \$33.71            | \$44.03            | \$54.35        |                    |
|                                                                                                                                                                                                 | 3,001-4,000 work hours | \$35.84            | \$47.23            | \$58.61        |                    |

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| <u>Classification</u> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |                   |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|----------------|--------------------|-------------------|
| Name                  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                    |                |                    |                   |
|                       | Class III - Air tool operator (jack hammer man, bush hammer man and grinding man), first bottom man, second bottom man, cage tender, car pusher, carrier man, concrete man, concrete form man, concrete repair man, cement invert laborer, cement finisher, concrete shoveler, conveyor man, floor man, gasoline and electric tool operator, gunnite man, grout operator, welder, heading dinky man, inside lock tender, pea gravel operator, pump man, outside lock tender, scaffold man, top signal man, switch man, track man, tugger man, utility man, vibrator man, winch operator, pipe jacking man, wagon drill and air track operator and concrete saw operator (under 40 h.p.). | LAUCT-Z2-3         | \$37.01            | \$48.98        | \$60.95            | X X X X X X X D Y |
|                       | <b>Apprentice Rates:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |                    |                |                    |                   |
|                       | 0-1,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    | \$31.66            | \$40.96        | \$50.25            |                   |
|                       | 1,001-2,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    | \$32.73            | \$42.57        | \$52.39            |                   |
|                       | 2,001-3,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    | \$33.80            | \$44.17        | \$54.53            |                   |
|                       | 3,001-4,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    | \$35.94            | \$47.38        | \$58.81            |                   |
|                       | Class IV - Tunnel, shaft and caisson mucker, bracer man, liner plate man, long haul dinky driver and well point man.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LAUCT-Z2-4         | \$37.17            | \$49.22        | \$61.27            | X X X X X X X D Y |
|                       | <b>Apprentice Rates:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |                    |                |                    |                   |
|                       | 0-1,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    | \$31.78            | \$41.14        | \$50.49            |                   |
|                       | 1,001-2,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    | \$32.86            | \$42.76        | \$52.65            |                   |
|                       | 2,001-3,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    | \$33.93            | \$44.37        | \$54.79            |                   |
|                       | 3,001-4,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    | \$36.09            | \$47.61        | \$59.11            |                   |
|                       | Class V - Tunnel, shaft and caisson miner, drill runner, keyboard operator, power knife operator, reinforced steel or mesh man (e.g. wire mesh, steel mats, dowel bars)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LAUCT-Z2-5         | \$37.43            | \$49.62        | \$61.79            | X X X X X X X D Y |
|                       | <b>Apprentice Rates:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |                    |                |                    |                   |
|                       | 0-1,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    | \$31.97            | \$41.43        | \$50.87            |                   |
|                       | 1,001-2,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    | \$33.06            | \$43.06        | \$53.05            |                   |
|                       | 2,001-3,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    | \$34.16            | \$44.71        | \$55.25            |                   |
|                       | 3,001-4,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    | \$36.34            | \$47.98        | \$59.61            |                   |
|                       | Class VI - Dynamite man and powder man.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LAUCT-Z2-6         | \$37.74            | \$50.08        | \$62.41            | X X X X X X X D Y |
|                       | <b>Apprentice Rates:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |                    |                |                    |                   |
|                       | 0-1,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    | \$32.20            | \$41.77        | \$51.33            |                   |
|                       | 1,001-2,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    | \$33.31            | \$43.43        | \$53.55            |                   |
|                       | 2,001-3,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    | \$34.42            | \$45.10        | \$55.77            |                   |
|                       | 3,001-4,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    | \$36.63            | \$48.41        | \$60.19            |                   |

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| <u>Classification</u>                                                                                                                                                                                                                                                        |                        | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------|--------------------|----------------|--------------------|
| Name                                                                                                                                                                                                                                                                         | Description            |                    |                    |                |                    |
| Class VII - Restoration laborer, seeding, sodding, planting, cutting, mulching and topsoil grading and the restoration of property such as replacing mail boxes, wood chips, planter boxes and flagstones.                                                                   | LAUCT-Z2-7             | \$30.01            | \$38.48            | \$46.95        | X X X X X X X D Y  |
| <b>Apprentice Rates:</b>                                                                                                                                                                                                                                                     |                        |                    |                    |                |                    |
|                                                                                                                                                                                                                                                                              | 0-1,000 work hours     | \$26.41            | \$33.09            | \$39.75        |                    |
|                                                                                                                                                                                                                                                                              | 1,001-2,000 work hours | \$27.13            | \$34.17            | \$41.19        |                    |
|                                                                                                                                                                                                                                                                              | 2,001-3,000 work hours | \$27.85            | \$35.25            | \$42.63        |                    |
|                                                                                                                                                                                                                                                                              | 3,001-4,000 work hours | \$29.29            | \$37.41            | \$45.51        |                    |
| <b>Landscape Laborer</b>                                                                                                                                                                                                                                                     |                        |                    |                    |                |                    |
| Landscape Specialist: includes air, gas, and diesel equipment operator, skidsteer (or equivalent), lawn sprinkler installer on landscaping work where seeding, sodding, planting, cutting, trimming, backfilling, rough grading or maintenance of landscape projects occurs. | LLAN-Z1-A              | \$28.98            | \$40.04            | \$51.09        | X X H X X X H D Y  |
| Comment                                                                                                                                                                                                                                                                      |                        |                    |                    |                |                    |
| Sundays paid at time & one half. Holidays paid at double time.                                                                                                                                                                                                               |                        |                    |                    |                |                    |
| Skilled Landscape Laborer: small power tool operator, lawn sprinkler installers' tender, material mover, truck driver when seeding, sodding, planting, cutting, trimming, backfilling, rough grading or maintaining of landscape projects occurs                             | LLAN-Z1-B              | \$24.76            | \$33.71            | \$42.65        | X X H X X X H D Y  |
| Comment                                                                                                                                                                                                                                                                      |                        |                    |                    |                |                    |
| Sundays paid at time & one half. Holidays paid at double time.                                                                                                                                                                                                               |                        |                    |                    |                |                    |
| <b>Marble, Mosaic, Tile and Terrazzo Setter</b>                                                                                                                                                                                                                              |                        |                    |                    |                |                    |
| Marble, Mosaic, Tile and Terrazzo Setter                                                                                                                                                                                                                                     | BR9-12-TL              | \$43.37            | \$55.83            | \$68.29        | H H H H H H H D Y  |
| Comment                                                                                                                                                                                                                                                                      |                        |                    |                    |                |                    |
| 4 10s allowed M-F                                                                                                                                                                                                                                                            |                        |                    |                    |                |                    |
| <b>Apprentice Rates:</b>                                                                                                                                                                                                                                                     |                        |                    |                    |                |                    |
|                                                                                                                                                                                                                                                                              | 0-749 hours            | \$33.89            | \$41.87            | \$49.85        |                    |
|                                                                                                                                                                                                                                                                              | 750-1499 hours         | \$35.25            | \$43.91            | \$52.57        |                    |
|                                                                                                                                                                                                                                                                              | 1500-2249 hours        | \$36.60            | \$45.93            | \$55.27        |                    |
|                                                                                                                                                                                                                                                                              | 2250-2999 hours        | \$37.95            | \$47.96            | \$57.97        |                    |
|                                                                                                                                                                                                                                                                              | 3000-3749 hours        | \$39.31            | \$50.00            | \$60.69        |                    |
|                                                                                                                                                                                                                                                                              | 3750-4499 hours        | \$40.66            | \$52.03            | \$63.39        |                    |
| <b>Operating Engineer</b>                                                                                                                                                                                                                                                    |                        |                    |                    |                |                    |
| Compressor or Welding Machine                                                                                                                                                                                                                                                | EN-AC                  | \$46.07            | \$57.38            | \$68.68        | X X H H D D D D Y  |
| Comment                                                                                                                                                                                                                                                                      |                        |                    |                    |                |                    |
| Make up day allowed                                                                                                                                                                                                                                                          |                        |                    |                    |                |                    |
| Friday, Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not performed due to weather, Monday-Thursday may be scheduled on Friday.                                                                                                                 |                        |                    |                    |                |                    |

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| <u>Classification</u>                       |                                                                                                                                                                                      | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|----------------|--------------------|
| Name                                        | Description                                                                                                                                                                          |                    |                    |                |                    |
| Forklift or Straight Mast                   | EN-F                                                                                                                                                                                 | \$47.52            | \$59.55            | \$71.58        | X X H H D D D D Y  |
| Comment                                     | Make up day allowed<br>Four 10 hour days may be scheduled M-Th or T-F. Work not performed due to weather on M-Th may be scheduled on Friday                                          |                    |                    |                |                    |
| Fireman or Oiler                            | EN-FO                                                                                                                                                                                | \$45.04            | \$55.83            | \$66.62        | X X H H D D D D Y  |
| Comment                                     | Make up day allowed<br>Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not performed due to weather, Monday-Thursday may be scheduled on Friday.          |                    |                    |                |                    |
| Lull or Extend-a-Boom Forklift              | EN-L                                                                                                                                                                                 | \$53.38            | \$68.34            | \$83.30        | X X H H D D D D Y  |
| Comment                                     | Make up day allowed<br>Four 10 hour days may be scheduled M-Th or T-F. Work not performed due to weather on M-Th may be scheduled on Friday                                          |                    |                    |                |                    |
| Crane with main boom & jib 120' or longer   | EN-OS120                                                                                                                                                                             | \$56.92            | \$80.60            | \$104.28       | X X H H D D D D Y  |
| Comment                                     | Make up day allowed<br>Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not performed due to weather, Monday-Thursday may be scheduled Friday              |                    |                    |                |                    |
| Crane w/ main Boom & Jib 220' or longer     | EN-OSA                                                                                                                                                                               | \$58.03            | \$75.32            | \$92.60        | X X H H D D D D Y  |
| Comment                                     | Make up day allowed<br>Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not performed due to weather, Monday-Thursday may be scheduled on Friday.          |                    |                    |                |                    |
| Crane w/ main Boom & Jib 300' or longer     | EN-OSA3                                                                                                                                                                              | \$59.54            | \$74.73            | \$90.41        | X X H H D D D D Y  |
| Comment                                     | Make up day allowed<br>Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work unable to be performed due to weather, Monday-Thursday may be scheduled on Friday. |                    |                    |                |                    |
| Crane w/ main Boom & Jib 400' or longer     | EN-OSA4                                                                                                                                                                              | \$61.04            | \$79.83            | \$98.62        | X X H H D D D D Y  |
| Comment                                     | Make up day allowed<br>Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not performed due to weather, Monday-Thursday may be scheduled on Friday.          |                    |                    |                |                    |
| Crane with main boom and jib 140' or longer | EN-OSB                                                                                                                                                                               | \$57.74            | \$74.88            | \$92.02        | X X H H D D D D Y  |
| Comment                                     | Make up day allowed<br>Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work unable to be performed due to weather, Monday-Thursday may be scheduled on Friday. |                    |                    |                |                    |

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| <u>Classification</u>                                         |             | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|---------------------------------------------------------------|-------------|--------------------|--------------------|----------------|--------------------|
| Name                                                          | Description |                    |                    |                |                    |
| Regular Crane Operator, Job Mechanic, Concrete Pump with Boom | EN-RC       | \$56.06            | \$72.36            | \$88.66        | X X H H D D D D Y  |
| Comment                                                       |             |                    |                    |                |                    |

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| <u>Classification</u>                                                                                                                                                                                                        |                                                                   | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------|--------------------|----------------|--------------------|
| Name                                                                                                                                                                                                                         | Description                                                       |                    |                    |                |                    |
| Deck Equipment Operator, (Machineryman/Fireman), (4 equipment units or more), Off Road Trucks, Deck Hand, Tug Engineer, & Crane Maintenance 50 ton capacity and under or Backhoe 115,000 lbs or less, Assistant Tug Operator | GLF-4                                                             | \$60.07            | \$75.45            | \$90.82        | X X H H H H H D Y  |
| Comment                                                                                                                                                                                                                      | Make up day allowed                                               |                    |                    |                |                    |
|                                                                                                                                                                                                                              | Holiday pay = 2.5 times the straight hourly rate                  |                    |                    |                |                    |
| <u>Subdivision of county</u>                                                                                                                                                                                                 | All Great Lakes, islands therein, & connecting & tributary waters |                    |                    |                |                    |
| <b>Operating Engineer Steel Work</b>                                                                                                                                                                                         |                                                                   |                    |                    |                |                    |
| Forklift, 1 Drum Hoist                                                                                                                                                                                                       | EN-324-EF                                                         | \$60.41            | \$79.00            | \$97.58        | H H D H H H D D Y  |
| Comment                                                                                                                                                                                                                      | Make up day allowed                                               |                    |                    |                |                    |
|                                                                                                                                                                                                                              | 4 10s allowed M-Th with Friday makeup day because of bad weather  |                    |                    |                |                    |
| Crane w/ 120' boom or longer                                                                                                                                                                                                 | EN-324-SW120                                                      | \$63.11            | \$83.05            | \$102.98       | H H D H H H D D Y  |
| Comment                                                                                                                                                                                                                      | Make up day allowed                                               |                    |                    |                |                    |
|                                                                                                                                                                                                                              | 4 10s allowed M-Th with Friday makeup day because of bad weather  |                    |                    |                |                    |
| Crane w/ 120' boom or longer w/ Oiler                                                                                                                                                                                        | EN-324-SW120-O                                                    | \$64.11            | \$84.55            | \$104.98       | H H D H H H D D Y  |
| Comment                                                                                                                                                                                                                      | Make up day allowed                                               |                    |                    |                |                    |
|                                                                                                                                                                                                                              | 4 10s allowed M-Th with Friday makeup day because of bad weather  |                    |                    |                |                    |
| Crane w/ 140' boom or longer                                                                                                                                                                                                 | EN-324-SW140                                                      | \$64.29            | \$84.82            | \$105.34       | H H D H H H D D Y  |
| Comment                                                                                                                                                                                                                      | Make up day allowed                                               |                    |                    |                |                    |
|                                                                                                                                                                                                                              | 4 10s allowed M-Th with Friday makeup day because of bad weather  |                    |                    |                |                    |
| Crane w/ 140' boom or longer W/ Oiler                                                                                                                                                                                        | EN-324-SW140-O                                                    | \$65.29            | \$86.32            | \$107.34       | H H D H H H D D Y  |
| Comment                                                                                                                                                                                                                      | Make up day allowed                                               |                    |                    |                |                    |
|                                                                                                                                                                                                                              | 4 10s allowed M-Th with Friday makeup day because of bad weather  |                    |                    |                |                    |
| Boom & Jib 220' or longer                                                                                                                                                                                                    | EN-324-SW220                                                      | \$64.56            | \$85.22            | \$105.88       | H H D H H H D D Y  |
| Comment                                                                                                                                                                                                                      | Make up day allowed                                               |                    |                    |                |                    |
|                                                                                                                                                                                                                              | 4 10s allowed M-Th with Friday makeup day because of bad weather  |                    |                    |                |                    |
| Crane w/ 220' boom or longer w/ Oiler                                                                                                                                                                                        | EN-324-SW220-O                                                    | \$65.56            | \$86.72            | \$107.88       | H H D H H H D D Y  |
| Comment                                                                                                                                                                                                                      | Make up day allowed                                               |                    |                    |                |                    |
|                                                                                                                                                                                                                              | 4 10s allowed M-Th with Friday makeup day because of bad weather  |                    |                    |                |                    |
| Boom & Jib 300' or longer                                                                                                                                                                                                    | EN-324-SW300                                                      | \$66.06            | \$87.47            | \$108.88       | H H D H H H D D Y  |
| Comment                                                                                                                                                                                                                      | Make up day allowed                                               |                    |                    |                |                    |
|                                                                                                                                                                                                                              | 4 10s allowed M-Th with Friday makeup day because of bad weather  |                    |                    |                |                    |

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|--------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------|--------------------|----------------|--------------------|
| Name                                                   | Description                                                                             |                    |                    |                |                    |
| Crane w/ 300' boom or longer w/ Oiler                  | EN-324-SW300-O                                                                          | \$67.06            | \$88.97            | \$110.88       | H H D H H H D D Y  |
| Comment                                                | Make up day allowed<br>4 10s allowed M-Th with Friday makeup day because of bad weather |                    |                    |                |                    |
| Boom & Jib 400' or longer                              | EN-324-SW400                                                                            | \$67.56            | \$89.72            | \$111.88       | H H D H H H D D Y  |
| Comment                                                | Make up day allowed<br>4 10s allowed M-Th with Friday makeup day because of bad weather |                    |                    |                |                    |
| Crane w/ 400' boom or longer w/ Oiler                  | EN-324-SW400-O                                                                          | \$68.56            | \$91.22            | \$113.88       | H H D H H H D D Y  |
| Comment                                                | Make up day allowed<br>4 10s allowed M-Th with Friday makeup day because of bad weather |                    |                    |                |                    |
| Crane Operator, Job Mechanic, 3 Drum Hoist & Excavator | EN-324-SWCO                                                                             | \$62.75            | \$82.51            | \$102.26       | H H D H H H D D Y  |
| Comment                                                | Make up day allowed<br>4 10s allowed M-Th with Friday makeup day because of bad weather |                    |                    |                |                    |
| <b>Apprentice Rates:</b>                               |                                                                                         |                    |                    |                |                    |
| 0-999 hours                                            |                                                                                         | \$49.40            | \$63.26            | \$77.11        |                    |
| 1,000-1,999 hours                                      |                                                                                         | \$51.38            | \$66.23            | \$81.07        |                    |
| 2,000-2,999 hours                                      |                                                                                         | \$53.35            | \$69.19            | \$85.01        |                    |
| 3,000-3,999 hours                                      |                                                                                         | \$55.33            | \$72.16            | \$88.97        |                    |
| 4,000-4,999 hours                                      |                                                                                         | \$57.30            | \$75.11            | \$92.91        |                    |
| 5,000 hours                                            |                                                                                         | \$59.28            | \$78.08            | \$96.87        |                    |
| Crane Operator w/ Oiler                                | EN-324-SWCO-O                                                                           | \$63.75            | \$84.01            | \$104.26       | H H D H H H D D Y  |
| Comment                                                | Make up day allowed<br>4 10s allowed M-Th with Friday makeup day because of bad weather |                    |                    |                |                    |
| Compressor or Welder Operator                          | EN-324-SWCW                                                                             | \$55.30            | \$71.33            | \$87.36        | H H D H H H D D Y  |
| Comment                                                | Make up day allowed<br>4 10s allowed M-Th with Friday makeup day because of bad weather |                    |                    |                |                    |
| Hoisting Operator, 2 Drum Hoist, & Rubber Tire Backhoe | EN-324-SWHO                                                                             | \$62.11            | \$81.55            | \$100.98       | H H D H H H D D Y  |
| Comment                                                | Make up day allowed<br>4 10s allowed M-Th with Friday makeup day because of bad weather |                    |                    |                |                    |
| Oiler                                                  | EN-324-SWO                                                                              | \$53.89            | \$69.22            | \$84.54        | H H D H H H D D Y  |
| Comment                                                | Make up day allowed<br>4 10s allowed M-Th with Friday makeup day because of bad weather |                    |                    |                |                    |
| Tower Crane & Derrick where work is 50' or more        | EN-324-SWTD50                                                                           | \$63.84            | \$84.14            | \$104.44       | H H D H H H D D Y  |
| Comment                                                | Make up day allowed<br>4 10s allowed M-Th with Friday makeup day because of bad weather |                    |                    |                |                    |

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|--------------------|----------------|--------------------|
| Name                                                                                                                                                                                                                   | Description     |                    |                    |                |                    |
| Tower Crane & Derrick 50' or more w/ Oiler                                                                                                                                                                             | EN-324-SWTD50-O | \$64.84            | \$85.64            | \$106.44       | H H D H H H D D Y  |
| Comment    Make up day allowed<br>4 10s allowed M-Th with Friday makeup day because of bad weather                                                                                                                     |                 |                    |                    |                |                    |
| <b>Operating Engineer Underground</b>                                                                                                                                                                                  |                 |                    |                    |                |                    |
| Class I Equipment                                                                                                                                                                                                      | EN-324A1-UC1    | \$55.54            | \$71.56            | \$87.57        | H H H H H H H D Y  |
| <b>Apprentice Rates:</b>                                                                                                                                                                                               |                 |                    |                    |                |                    |
| 0-999 hours                                                                                                                                                                                                            |                 | \$44.09            | \$55.30            | \$66.52        |                    |
| 1,000-1,999 hours                                                                                                                                                                                                      |                 | \$45.68            | \$57.70            | \$69.70        |                    |
| 2,000-2,999 hours                                                                                                                                                                                                      |                 | \$47.28            | \$60.09            | \$72.90        |                    |
| 3,000-3,999 hours                                                                                                                                                                                                      |                 | \$48.88            | \$62.49            | \$76.10        |                    |
| 4,000-4,999 hours                                                                                                                                                                                                      |                 | \$50.49            | \$64.91            | \$79.32        |                    |
| 5,000-5,999 hours                                                                                                                                                                                                      |                 | \$52.09            | \$67.30            | \$82.52        |                    |
| Class II Equipment                                                                                                                                                                                                     | EN-324A1-UC2    | \$50.81            | \$64.46            | \$78.11        | H H H H H H H D Y  |
| Class III Equipment                                                                                                                                                                                                    | EN-324A1-UC3    | \$50.08            | \$63.37            | \$76.65        | H H H H H H H D Y  |
| Class IV Equipment                                                                                                                                                                                                     | EN-324A1-UC4    | \$49.51            | \$62.52            | \$75.51        | H H H H H H H D Y  |
| Master Mechanic                                                                                                                                                                                                        | EN-324A1-UMM    | \$55.79            | \$71.93            | \$88.07        | H H H H H H H D Y  |
| <b>Painter</b>                                                                                                                                                                                                         |                 |                    |                    |                |                    |
| Painter                                                                                                                                                                                                                | PT-1052-BR      | \$35.80            | \$47.68            | \$59.55        | X X H X X X H D Y  |
| Comment    Make up day allowed<br>The regular weekly work schedule may consist of 4 10s on consecutive days, Monday thru Saturday. A make-up day may be scheduled for work missed due to holiday or inclement weather. |                 |                    |                    |                |                    |
| <b>Apprentice Rates:</b>                                                                                                                                                                                               |                 |                    |                    |                |                    |
| 1st year                                                                                                                                                                                                               |                 | \$23.93            | \$29.87            | \$35.81        |                    |
| 2nd year, 1st 6 months                                                                                                                                                                                                 |                 | \$26.30            | \$33.43            | \$40.55        |                    |
| 2nd year, 2nd 6 months                                                                                                                                                                                                 |                 | \$28.67            | \$36.98            | \$45.29        |                    |
| 3rd year, 1st 6 months                                                                                                                                                                                                 |                 | \$31.05            | \$40.55            | \$50.05        |                    |
| Until completion                                                                                                                                                                                                       |                 | \$33.43            | \$44.12            | \$54.81        |                    |

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|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|----------------|--------------------|
| Name                                                                   | Description                                                                                                                                                                                                 |                    |                    |                |                    |
| Painter - Work of a high risk nature of a falling height up to 30 feet | PT-1052-HR                                                                                                                                                                                                  | \$36.10            | \$48.48            | \$60.85        | X X H X X X H D Y  |
| Comment                                                                | Make up day allowed<br>The regular weekly work schedule may consist of 4 10s on consecutive days, Monday thru Saturday. A make-up day may be scheduled for work missed due to holiday or inclement weather. |                    |                    |                |                    |
| <b>Apprentice Rates:</b>                                               |                                                                                                                                                                                                             |                    |                    |                |                    |
| 1st year                                                               |                                                                                                                                                                                                             | \$23.73            | \$29.92            | \$36.11        |                    |
| 2nd year, 1st 6 months                                                 |                                                                                                                                                                                                             | \$26.20            | \$33.63            | \$41.05        |                    |
| 2nd year, 2nd 6 months                                                 |                                                                                                                                                                                                             | \$28.67            | \$37.33            | \$45.99        |                    |
| 3rd year, 1st 6 months                                                 |                                                                                                                                                                                                             | \$31.15            | \$41.05            | \$50.95        |                    |
| Until completion                                                       |                                                                                                                                                                                                             | \$33.63            | \$44.77            | \$55.91        |                    |
| Painter - All work of a falling height of 31 - 44 feet                 | PT-1052-HR01                                                                                                                                                                                                | \$36.40            | \$48.93            | \$61.45        | X X H X X X H D Y  |
| Comment                                                                | Make up day allowed<br>The regular weekly work schedule may consist of 4 10s on consecutive days, Monday thru Saturday. A make-up day may be scheduled for work missed due to holiday or inclement weather. |                    |                    |                |                    |
| <b>Apprentice Rates:</b>                                               |                                                                                                                                                                                                             |                    |                    |                |                    |
| 1st year                                                               |                                                                                                                                                                                                             | \$23.87            | \$30.13            | \$36.39        |                    |
| 2nd year, 1st 6 months                                                 |                                                                                                                                                                                                             | \$26.38            | \$33.89            | \$41.41        |                    |
| 2nd year, 2nd 6 months                                                 |                                                                                                                                                                                                             | \$28.89            | \$37.66            | \$46.43        |                    |
| 3rd year, 1st 6 months                                                 |                                                                                                                                                                                                             | \$31.39            | \$41.41            | \$51.43        |                    |
| Until completion                                                       |                                                                                                                                                                                                             | \$33.89            | \$45.16            | \$56.43        |                    |
| Painter - All work of a falling height of 45 - 59 feet                 | PT-1052-HR02                                                                                                                                                                                                | \$36.50            | \$49.08            | \$61.65        | X X H X X X H D Y  |
| Comment                                                                | Make up day allowed<br>The regular weekly work schedule may consist of 4 10s on consecutive days, Monday thru Saturday. A make-up day may be scheduled for work missed due to holiday or inclement weather. |                    |                    |                |                    |
| <b>Apprentice Rates:</b>                                               |                                                                                                                                                                                                             |                    |                    |                |                    |
| 1st year                                                               |                                                                                                                                                                                                             | \$23.93            | \$30.22            | \$36.51        |                    |
| 2nd year, 1st 6 months                                                 |                                                                                                                                                                                                             | \$26.44            | \$33.99            | \$41.53        |                    |
| 2nd year, 2nd 6 months                                                 |                                                                                                                                                                                                             | \$28.95            | \$37.75            | \$46.55        |                    |
| 3rd year, 1st 6 months                                                 |                                                                                                                                                                                                             | \$31.47            | \$41.53            | \$51.59        |                    |
| Until completion                                                       |                                                                                                                                                                                                             | \$33.99            | \$45.31            | \$56.63        |                    |

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|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|----------------|--------------------|
| Name                                                     | Description                                                                                                                                                                                                 |                    |                    |                |                    |
| Painter - All work of a falling height of 60 - 74 feet   | PT-1052-HR03                                                                                                                                                                                                | \$36.60            | \$49.23            | \$61.85        | X X H X X X H D Y  |
| Comment                                                  | Make up day allowed<br>The regular weekly work schedule may consist of 4 10s on consecutive days, Monday thru Saturday. A make-up day may be scheduled for work missed due to holiday or inclement weather. |                    |                    |                |                    |
|                                                          | <b>Apprentice Rates:</b>                                                                                                                                                                                    |                    |                    |                |                    |
|                                                          | 1st year                                                                                                                                                                                                    | \$23.97            | \$30.28            | \$36.59        |                    |
|                                                          | 2nd year, 1st 6 months                                                                                                                                                                                      | \$26.50            | \$34.07            | \$41.65        |                    |
|                                                          | 2nd year, 2nd 6 months                                                                                                                                                                                      | \$29.02            | \$37.85            | \$46.69        |                    |
|                                                          | 3rd year, 1st 6 months                                                                                                                                                                                      | \$31.55            | \$41.65            | \$51.75        |                    |
|                                                          | Until completion                                                                                                                                                                                            | \$34.07            | \$45.43            | \$56.79        |                    |
| Painter - All work of a falling height of 75 - 89 feet   | PT-1052-HR04                                                                                                                                                                                                | \$36.70            | \$49.38            | \$62.05        | X X H X X X H D Y  |
| Comment                                                  | Make up day allowed<br>The regular weekly work schedule may consist of 4 10s on consecutive days, Monday thru Saturday. A make-up day may be scheduled for work missed due to holiday or inclement weather. |                    |                    |                |                    |
|                                                          | <b>Apprentice Rates:</b>                                                                                                                                                                                    |                    |                    |                |                    |
|                                                          | 1st year                                                                                                                                                                                                    | \$24.03            | \$30.37            | \$36.71        |                    |
|                                                          | 2nd year, 1st 6 months                                                                                                                                                                                      | \$26.56            | \$34.17            | \$41.77        |                    |
|                                                          | 2nd year, 2nd 6 months                                                                                                                                                                                      | \$29.09            | \$37.96            | \$46.83        |                    |
|                                                          | 3rd year, 1st 6 months                                                                                                                                                                                      | \$31.63            | \$41.77            | \$51.91        |                    |
|                                                          | Until completion                                                                                                                                                                                            | \$34.17            | \$45.58            | \$56.99        |                    |
| Painter - All work of a falling height of 90 - 104 feet  | PT-1052-HR05                                                                                                                                                                                                | \$36.80            | \$49.53            | \$62.25        | X X H X X X H D Y  |
| Comment                                                  | Make up day allowed<br>The regular weekly work schedule may consist of 4 10s on consecutive days, Monday thru Saturday. A make-up day may be scheduled for work missed due to holiday or inclement weather. |                    |                    |                |                    |
|                                                          | <b>Apprentice Rates:</b>                                                                                                                                                                                    |                    |                    |                |                    |
|                                                          | 1st year                                                                                                                                                                                                    | \$24.07            | \$30.43            | \$36.79        |                    |
|                                                          | 2nd year, 1st 6 months                                                                                                                                                                                      | \$26.62            | \$34.25            | \$41.89        |                    |
|                                                          | 2nd year, 2nd 6 months                                                                                                                                                                                      | \$29.16            | \$38.07            | \$46.97        |                    |
|                                                          | 3rd year, 1st 6 months                                                                                                                                                                                      | \$31.71            | \$41.89            | \$52.07        |                    |
|                                                          | Until completion                                                                                                                                                                                            | \$34.25            | \$45.70            | \$57.15        |                    |
| Painter - All work of a falling height of 105 - 119 feet | PT-1052-HR06                                                                                                                                                                                                | \$36.90            | \$49.68            | \$62.45        | X X H X X X H D Y  |
| Comment                                                  | Make up day allowed<br>The regular weekly work schedule may consist of 4 10s on consecutive days, Monday thru Saturday. A make-up day may be scheduled for work missed due to holiday or inclement weather. |                    |                    |                |                    |
|                                                          | <b>Apprentice Rates:</b>                                                                                                                                                                                    |                    |                    |                |                    |
|                                                          | 1st year                                                                                                                                                                                                    | \$24.13            | \$30.52            | \$36.91        |                    |
|                                                          | 2nd year, 1st 6 months                                                                                                                                                                                      | \$26.68            | \$34.35            | \$42.01        |                    |
|                                                          | 2nd year, 2nd 6 months                                                                                                                                                                                      | \$29.23            | \$38.17            | \$47.11        |                    |
|                                                          | 3rd year, 1st 6 months                                                                                                                                                                                      | \$31.79            | \$42.01            | \$52.23        |                    |
|                                                          | Until completion                                                                                                                                                                                            | \$34.35            | \$45.85            | \$57.35        |                    |

Unofficial Rates For Informational Purposes Only

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| <u>Classification</u>                                                                                                                                                                                               |              | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------|--------------------|----------------|--------------------|
| Name                                                                                                                                                                                                                | Description  |                    |                    |                |                    |
| Painter - All work of a falling height of 120 - 134 feet                                                                                                                                                            | PT-1052-HR07 | \$37.00            | \$49.83            | \$62.65        | X X H X X X H D Y  |
| Comment Make up day allowed<br>The regular weekly work schedule may consist of 4 10s on consecutive days, Monday thru Saturday. A make-up day may be scheduled for work missed due to holiday or inclement weather. |              |                    |                    |                |                    |
| <b>Apprentice Rates:</b>                                                                                                                                                                                            |              |                    |                    |                |                    |
| 1st year                                                                                                                                                                                                            |              | \$24.17            | \$30.58            | \$36.99        |                    |
| 2nd year, 1st 6 months                                                                                                                                                                                              |              | \$26.74            | \$34.43            | \$42.13        |                    |
| 2nd year, 2nd 6 months                                                                                                                                                                                              |              | \$29.30            | \$38.27            | \$47.25        |                    |
| 3rd year, 1st 6 months                                                                                                                                                                                              |              | \$31.87            | \$42.13            | \$52.39        |                    |
| Until completion                                                                                                                                                                                                    |              | \$34.43            | \$45.97            | \$57.51        |                    |
| Painter - All work of a falling height of 135 - 149 feet                                                                                                                                                            | PT-1052-HR08 | \$37.10            | \$49.98            | \$62.85        | X X H X X X H D Y  |
| Comment Make up day allowed<br>The regular weekly work schedule may consist of 4 10s on consecutive days, Monday thru Saturday. A make-up day may be scheduled for work missed due to holiday or inclement weather. |              |                    |                    |                |                    |
| <b>Apprentice Rates:</b>                                                                                                                                                                                            |              |                    |                    |                |                    |
| 1st year                                                                                                                                                                                                            |              | \$24.23            | \$30.67            | \$37.11        |                    |
| 2nd year, 1st 6 months                                                                                                                                                                                              |              | \$26.80            | \$34.53            | \$42.25        |                    |
| 2nd year, 2nd 6 months                                                                                                                                                                                              |              | \$29.37            | \$38.38            | \$47.39        |                    |
| 3rd year, 1st 6 months                                                                                                                                                                                              |              | \$31.95            | \$42.25            | \$52.55        |                    |
| Until completion                                                                                                                                                                                                    |              | \$34.53            | \$46.12            | \$57.71        |                    |
| Painter - All work of a falling height of 150 - 164 feet                                                                                                                                                            | PT-1052-HR09 | \$37.20            | \$50.13            | \$63.05        | X X H X X X H D Y  |
| Comment Make up day allowed<br>The regular weekly work schedule may consist of 4 10s on consecutive days, Monday thru Saturday. A make-up day may be scheduled for work missed due to holiday or inclement weather. |              |                    |                    |                |                    |
| <b>Apprentice Rates:</b>                                                                                                                                                                                            |              |                    |                    |                |                    |
| 1st year                                                                                                                                                                                                            |              | \$24.27            | \$30.73            | \$37.19        |                    |
| 2nd year, 1st 6 months                                                                                                                                                                                              |              | \$26.86            | \$34.61            | \$42.37        |                    |
| 2nd year, 2nd 6 months                                                                                                                                                                                              |              | \$29.45            | \$38.50            | \$47.55        |                    |
| 3rd year, 1st 6 months                                                                                                                                                                                              |              | \$32.03            | \$42.37            | \$52.71        |                    |
| Until completion                                                                                                                                                                                                    |              | \$34.61            | \$46.24            | \$57.87        |                    |

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| <u>Classification</u>                                    |                                                                                                                                                                                                             | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|----------------|--------------------|
| Name                                                     | Description                                                                                                                                                                                                 |                    |                    |                |                    |
| Painter - All work of a falling height of 165 - 179 feet | PT-1052-HR10                                                                                                                                                                                                | \$37.30            | \$50.28            | \$63.25        | X X H X X X H D Y  |
| Comment                                                  | Make up day allowed<br>The regular weekly work schedule may consist of 4 10s on consecutive days, Monday thru Saturday. A make-up day may be scheduled for work missed due to holiday or inclement weather. |                    |                    |                |                    |
|                                                          | <b>Apprentice Rates:</b>                                                                                                                                                                                    |                    |                    |                |                    |
|                                                          | 1st year                                                                                                                                                                                                    | \$24.33            | \$30.82            | \$37.31        |                    |
|                                                          | 2nd year, 1st 6 months                                                                                                                                                                                      | \$26.92            | \$34.71            | \$42.49        |                    |
|                                                          | 2nd year, 2nd 6 months                                                                                                                                                                                      | \$29.51            | \$38.59            | \$47.67        |                    |
|                                                          | 3rd year, 1st 6 months                                                                                                                                                                                      | \$32.11            | \$42.49            | \$52.87        |                    |
|                                                          | Until completion                                                                                                                                                                                            | \$34.71            | \$46.39            | \$58.07        |                    |
| Painter - All work of a falling height of 180 - 194 feet | PT-1052-HR11                                                                                                                                                                                                | \$37.40            | \$50.43            | \$63.45        | X X H X X X H D Y  |
| Comment                                                  | Make up day allowed<br>The regular weekly work schedule may consist of 4 10s on consecutive days, Monday thru Saturday. A make-up day may be scheduled for work missed due to holiday or inclement weather. |                    |                    |                |                    |
|                                                          | <b>Apprentice Rates:</b>                                                                                                                                                                                    |                    |                    |                |                    |
|                                                          | 1st year                                                                                                                                                                                                    | \$24.37            | \$30.88            | \$37.39        |                    |
|                                                          | 2nd year, 1st 6 months                                                                                                                                                                                      | \$26.98            | \$34.79            | \$42.61        |                    |
|                                                          | 2nd year, 2nd 6 months                                                                                                                                                                                      | \$29.59            | \$38.71            | \$47.83        |                    |
|                                                          | 3rd year, 1st 6 months                                                                                                                                                                                      | \$32.19            | \$42.61            | \$53.03        |                    |
|                                                          | Until completion                                                                                                                                                                                            | \$34.79            | \$46.51            | \$58.23        |                    |
| Painter - All work of a falling height of 195 - 209 feet | PT-1052-HR12                                                                                                                                                                                                | \$37.50            | \$50.58            | \$63.65        | X X H X X X H D Y  |
| Comment                                                  | Make up day allowed<br>The regular weekly work schedule may consist of 4 10s on consecutive days, Monday thru Saturday. A make-up day may be scheduled for work missed due to holiday or inclement weather. |                    |                    |                |                    |
|                                                          | <b>Apprentice Rates:</b>                                                                                                                                                                                    |                    |                    |                |                    |
|                                                          | 1st year                                                                                                                                                                                                    | \$24.43            | \$30.97            | \$37.51        |                    |
|                                                          | 2nd year, 1st 6 months</                                                                                                                                                                                    |                    |                    |                |                    |

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| <u>Classification</u>  |                                                                                                                                                                                                 | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|----------------|--------------------|
| Name                   | Description                                                                                                                                                                                     |                    |                    |                |                    |
| Painter - Sign Display |                                                                                                                                                                                                 |                    |                    |                |                    |
|                        | The trade jurisdiction consists of painting and other related surface finishing operations; lettering, and all operations so related; pictorial and graphic art work; screen process procedures |                    |                    |                |                    |

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| <u>Classification</u>                                |             | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|------------------------------------------------------|-------------|--------------------|--------------------|----------------|--------------------|
| Name                                                 | Description |                    |                    |                |                    |
| <b>Plasterer</b>                                     |             |                    |                    |                |                    |
| Plasterer                                            | BR9-12-PL   | \$44.02            | \$56.73            | \$69.43        | H H H H H H D Y    |
| Comment<br>4 10s allowed M-F                         |             |                    |                    |                |                    |
| <b>Apprentice Rates:</b>                             |             |                    |                    |                |                    |
| 0-749 hours                                          |             | \$34.36            | \$42.49            | \$50.64        |                    |
| 750-1499 hours                                       |             | \$35.74            | \$44.57            | \$53.40        |                    |
| 1500-2249 hours                                      |             | \$37.12            | \$46.63            | \$56.16        |                    |
| 2250-2999 hours                                      |             | \$38.50            | \$48.71            | \$58.92        |                    |
| 3000-3749 hours                                      |             | \$39.88            | \$50.77            | \$61.68        |                    |
| 3750-4499 hours                                      |             | \$41.26            | \$52.85            | \$64.44        |                    |
| Plasterer                                            | PL16-3      | \$36.61            | \$48.48            | \$60.34        | H H H H H H D N    |
| <b>Apprentice Rates:</b>                             |             |                    |                    |                |                    |
| 1st year                                             |             | \$28.30            | \$36.01            | \$43.72        |                    |
| 2nd year                                             |             | \$30.68            | \$39.58            | \$48.48        |                    |
| 3rd year                                             |             | \$33.05            | \$43.14            | \$53.22        |                    |
| <b>Plumber, Pipefitter, HVAC &amp; Refrigeration</b> |             |                    |                    |                |                    |
| Pipe Trades Helper (Mechanical Helper)               | PL-370-PFH  | \$22.69            | \$34.04            | \$45.38        | H H H H H H D Y    |
| Comment<br>4 10s allowed M-F                         |             |                    |                    |                |                    |
| Plumber trainee helper                               | PL-370-PLH  | \$22.69            | \$34.04            | \$45.38        | H H H H H H D Y    |

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| <u>Classification</u>                                                                                                 |             | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|-----------------------------------------------------------------------------------------------------------------------|-------------|--------------------|--------------------|----------------|--------------------|
| Name                                                                                                                  | Description |                    |                    |                |                    |
| <b>Plumber, Pipefitter, Welder, HVAC &amp; Refrigeration</b>                                                          |             |                    |                    |                |                    |
| Plumber, Pipefitter, Welder, HVAC & Refrigeration                                                                     | PL-370      | \$55.01            | \$82.07            | \$109.12       | H H H H H H D Y    |
| Comment<br>4 10s allowed M-F                                                                                          |             |                    |                    |                |                    |
| <b>Apprentice Rates:</b>                                                                                              |             |                    |                    |                |                    |
| 1st 6 months                                                                                                          |             | \$26.19            | \$39.01            | \$51.83        |                    |
| 2nd 6 months                                                                                                          |             | \$27.99            | \$41.71            | \$55.43        |                    |
| 3rd 6 months                                                                                                          |             | \$34.80            | \$51.93            | \$69.05        |                    |
| 4th 6 months                                                                                                          |             | \$36.61            | \$54.64            | \$72.67        |                    |
| 5th 6 months                                                                                                          |             | \$38.41            | \$57.34            | \$76.27        |                    |
| 6th 6 months                                                                                                          |             | \$40.22            | \$60.05            | \$79.89        |                    |
| 7th 6 months                                                                                                          |             | \$42.02            | \$62.75            | \$83.49        |                    |
| 8th 6 months                                                                                                          |             | \$43.83            | \$65.47            | \$87.11        |                    |
| 9th 6 months                                                                                                          |             | \$45.63            | \$68.17            | \$90.71        |                    |
| final 6 months                                                                                                        |             | \$47.44            | \$70.89            | \$94.33        |                    |
| <b>Roofer</b>                                                                                                         |             |                    |                    |                |                    |
| Commercial Roofer                                                                                                     | RO-149-MMA  | \$38.61            | \$50.72            | \$62.82        | H H H H H H D Y    |
| Comment    Make up day allowed<br>Straight time is not to exceed ten (10) hours per day or forty (40) hours per week. |             |                    |                    |                |                    |
| <b>Apprentice Rates:</b>                                                                                              |             |                    |                    |                |                    |
|                                                                                                                       |             |                    |                    |                |                    |

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| <u>Classification</u>     |                                                                                 | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|---------------------------|---------------------------------------------------------------------------------|--------------------|--------------------|----------------|--------------------|
| Name                      | Description                                                                     |                    |                    |                |                    |
| <b>Sheet Metal Worker</b> |                                                                                 |                    |                    |                |                    |
| Sheet Metal Worker        | SHM-7-4                                                                         | \$52.05            | \$66.87            | \$81.69        | H H H X H H H D Y  |
| Comment                   | Make up day allowed<br>Saturday, 4 10s allowed as consecutive days, M-Th or T-F |                    |                    |                |                    |
|                           | <b>Apprentice Rates:</b>                                                        |                    |                    |                |                    |
|                           | 1st 6 months                                                                    | \$26.93            | \$33.60            | \$40.27        |                    |
|                           | 2nd 6 months                                                                    | \$28.41            | \$35.82            | \$43.23        |                    |
|                           | 3rd 6 months                                                                    | \$29.89            | \$38.04            | \$46.19        |                    |
|                           | 4th 6 months                                                                    | \$31.37            | \$40.26            | \$49.15        |                    |
|                           | 5th 6 months                                                                    | \$41.23            | \$50.87            | \$60.50        |                    |
|                           | 6th 6 months                                                                    | \$42.71            | \$53.09            | \$63.46        |                    |
|                           | 7th 6 months                                                                    | \$44.19            | \$55.31            | \$66.42        |                    |
|                           | 8th 6 months                                                                    | \$45.67            | \$57.53            | \$69.38        |                    |
| <b>Sprinkler Fitter</b>   |                                                                                 |                    |                    |                |                    |
| Sprinkler Fitter          | SP 669                                                                          | \$51.64            | \$68.45            | \$85.26        | H H H H H H H D Y  |
|                           | Make up day allowed                                                             |                    |                    |                |                    |
|                           | <b>Apprentice Rates:</b>                                                        |                    |                    |                |                    |
|                           | Class 1                                                                         | \$23.03            | \$30.60            | \$38.16        |                    |
|                           | Class 2                                                                         | \$24.71            | \$33.12            | \$41.52        |                    |
|                           | Class 3                                                                         | \$34.01            | \$43.26            | \$52.50        |                    |
|                           | Class 4                                                                         | \$35.69            | \$45.78            | \$55.86        |                    |
|                           | Class 5                                                                         | \$37.62            | \$48.55            | \$59.47        |                    |
|                           | Class 6                                                                         | \$39.30            | \$51.07            | \$62.83        |                    |
|                           | Class 7                                                                         | \$40.99            | \$53.60            | \$66.21        |                    |
| </                        |                                                                                 |                    |                    |                |                    |

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| <u>Classification</u> |                                                                                                                                                                                                     | Straight<br>Hourly | Time and<br>a Half | Double<br>Time | Overtime Provision |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|----------------|--------------------|
| Name                  | Description                                                                                                                                                                                         |                    |                    |                |                    |
| Truck Driver          |                                                                                                                                                                                                     |                    |                    |                |                    |
|                       | on all trucks of 8 cubic yard capacity or less (except dump trucks of 8 cubic yard capacity or over, tandem axle trucks, transit mix and semis, euclid type equipment, double bottoms and low boys) | TM-RB1             | \$44.10            | \$48.81        | H H H H H H H Y    |
|                       | of all trucks of 8 cubic yard capacity or over                                                                                                                                                      | TM-RB1A            | \$44.20            | \$48.96        | H H H H H H H Y    |
|                       | on euclid type equipment                                                                                                                                                                            | TM-RB1B            | \$44.35            | \$49.19        | H H H H H H H Y    |
|                       | Make up day allowed                                                                                                                                                                                 |                    |                    |                |                    |

Unofficial Rates For Informational Purposes Only

County: Genesee

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Date Rendered:

6/1/2018

## **APPENDIX 5 – SAMPLE CONTRACT, PAYMENT REQUEST PACKET, ATTESTATION FORM**

**(FUNDING SOURCE) Contract for (SCOPE OF WORK) of (TYPE) Structures in (LOCATION)**  
**Genesee County**

– BID#: LB- (RFP NUMBER)

**THIS CONTRACT** made and entered into **(DATE)**, between **(CONTRACTOR)**, hereinafter referred to as the "Contractor" conducting business at **(CONTRACTOR ADDRESS)**, and the Owner, GENESEE COUNTY LAND BANK (GCLBA) conducting business at 452 S. Saginaw Street, 2nd Floor, Flint, Michigan 48502, hereinafter referred to as "GCLBA".

The GCLBA recently received **(DESCRIPTION OF FUNDING)**. GCLBA, in partnership with the Genesee County Metropolitan Planning Commission (GCMPC) desires to engage the Contractor to perform the services and obligations as defined in Request for Proposals **#LB: YY-### SCOPE** including all attachments thereto, hereinafter referred to as the "Work" as an independent contractor and not as an employee(s) of and for the GCLBA. All work performed under this contract is to comply with all relevant rules, regulations, or orders applicable with respect to the funding source identified in this paragraph. This Contract is intended to define the business relationship between the two entities with regards to general **(SCOPE OF WORK)** undertaken for the **(DESCRIPTION OF FUNDING)**.

**REPRESENTATIVES OF GCLBA AND CONTRACTOR.** **(DIRECTOR NAME)**, Executive Director of the GCLBA has the authority to act on behalf of the GCLBA, **(CONTRACTOR REPRESENTATIVE)**, has the authority to act on behalf of the Contractor.

**TERM OF CONTRACT.** The respective duties and obligations of the contracting parties is for a period beginning **(DATE)**. The end date of term of service will be no later than **(DATE)**, with all **(SCOPE OF WORK)** work, including final grade completed, unless otherwise agreed to in writing by both parties.

All demolition and WINTER-GRADE work must be completed and GCLBA inspections requested by **(DATE)** and demolition and winter-grade payment requests must be submitted to the Demolition Program Manager by no later than **(DATE)**. **Contractor will be responsible for any winter-grade inspection fees to local municipality if weather prevents contractors from completing final-grade and/or the local municipality is not issuing final-grade inspections. An amount of \$640.00 USD will be withheld from the contract for the final grade.** Timelines and adjustments will be discussed as necessary.

All demolition and final-grade work must be completed and GCLBA inspections requested by **(DATE)** and paperwork and payment requests must be submitted to the Demolition Program Manager by **(DATE)**.

**ORDER TO PROCEED.** An Order To Proceed will be issued within 10 days of this contract execution upon receipt of an original copy of Payment and Performance Bond and project work schedule, depending on the readiness of the Work.

**SECTION 3.** Section 3 is a provision of the Housing and Urban Development (HUD) Act of 1968 that helps foster local economic development, neighborhood economic improvement, and individual self-sufficiency. Section 3 applies to HUD-funded Housing and Community Development projects.

For Section 3 covered contracts: The Contractor will comply with the Section 3 Clause as described in Attachment A. By signing this contract the Contractor is providing a Statement of Assurances that they will comply with these Federal Contract Provisions and other requirements set forth in this contract.



All other contracts: GCLBA strives to support the objectives of the Section 3 Program as implemented by HUD. Contractor agrees, to the greatest extent feasible, to document and provide job training, employment, and contracting opportunities for low- or very-low income residents in connection with projects and activities in their neighborhoods.

**SCOPE OF WORK.** The Contractor will provide labor and/or materials for the Work.

**Contractors must provide updated work schedules to the GCLBA. Contractor must submit all required submittal documents as listed in Request for Proposals and Payment Request Packet (Contact Attachment C).**

**FEES AND PAYMENT.** The GCLBA will pay the Contractor a fixed price not to exceed **(\$\$\$\$\$)** **(ATTACHMENT B: #LB: YY-###)**. The GCLBA will not pay for services beyond the funds available in the **(DESCRIPTION OF FUNDING)** funding or the contract amount, unless agreed to, in advance and in writing, by both parties to this Contract. Payment to Contractor is made by the GCLBA on a net 30 to 60 day cycle upon receiving completed payment request packet for each project/address and all required submittals (invoice, sworn statement, lien waivers, manifests, etc.).

**CHANGE ORDER PROCESS.**

**Cost Increase Change Orders:**

- Change Orders will not be approved for this project. When submitting pricing proposals Bidders must ensure prices quoted allow for the removal of additional materials without a change order as no changes will be accepted barring discovery of material whose removal requires substantial work in the sole opinion of the GCLBA.
- Any additional work undertaken without an approved change order will not be reimbursed.

**Cost Reduction Change Orders:**

- Changes orders, with supporting documentation, must be provided by Contractors for any project cost decrease of \$300.00 or more
- If contracted amount will result in a reduction of less than \$300, Contractors must provide a detailed explanation of the reduction with supporting documentation.

**EQUAL EMPLOYMENT OPPORTUNITY.** During the performance of this contract, the contractor agrees as follows:

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, color, religion, sex, sexual orientation, gender identity, 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, color, religion, sex, sexual orientation, gender identity, 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 advancements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.
- 3) The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.
- 4) 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.
- 5) 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.
- 6) 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.
- 7) 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.
- 8) The contractor will include the provisions of paragraphs (1) through (8) 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 September 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 may be directed by the Secretary of Labor 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, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

**NONDISCRIMINATION.** The Contractor agrees that it will comply with the Elliot Larsen Civil Rights Act, 1976 PA 453, as amended, MCL 37.2101 *et seq.*, the Persons with Disabilities Civil Rights Act, 1976 PA 220, as amended, MCL 37.1101 *et seq.*, and all other federal, State and local fair employment practices and equal opportunity laws. The Contractor agrees that it shall not discriminate against an employee or

applicant of employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, marital status or a disability that is unrelated to the individual's ability to perform the duties of a particular job or position, and that it will require the same non-discrimination assurances from any subcontractor who may be used to carry out duties described in this contract. Contractor covenants that it will not discriminate against businesses that are owned by women, minorities or persons with disabilities in providing Work covered by this Contract, and that it shall require the same assurances from subcontractors. Breach of this agreement shall be regarded as a material breach of this contract.

**UNFAIR LABOR PRACTICES.** The Contractor shall comply with the Employers Engaging in Unfair Labor Practices Act, 1980 PA 278, as amended, MCL 423.321 et seq.

**FREEDOM OF INFORMATION ACT.** This Agreement and all attachments, as well as all other information submitted by the Contractor to the County, are subject to disclosure under the provisions of MCL 15.231, et seq., known as the "Freedom of Information Act".

**RIGHTS TO INVENTIONS Made Under a Contract or Contract.** Contracts or subcontracts for the performance of experimental, developmental, or research work shall provide for the rights of the Federal Government and the recipient in any resulting invention in accordance with 37 CFR part 401, "Rights to Invention Made by Nonprofit Organizations and Small Business Firms. Under Government Grants, Contracts and Cooperative Contracts," and any implementing regulations issued by the awarding agency.

**CLEAN AIR ACT** (42 U.S.C. 7401 et seq.) and the **FEDERAL WATER POLLUTION CONTROL ACT** (33 U.S.C. 1251 et seq.), as amended. For contracts and subcontracts of amounts in excess of \$100,000 the Contractor or subcontractor shall comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401 et seq.). Violations are reported to the Federal awarding agency and the Regional Agency (EPA).

**BYRD ANTI-LOBBYING AMENDMENT** (31 U.S.C. 1352). Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.

**DEBARMENT AND SUSPENSION** (Executive Orders 12549 and 12689). No contract shall be made to parties listed on the General Services Administration's List of Parties Excluded from Federal Procurement or Non-procurement Programs in accordance with E.O.s 12549 and 12689, "Debarment and Suspension," as set forth at 24 CFR part 24. This list contains the names of parties debarred, suspended, or otherwise excluded by agencies, and contractors declared ineligible under statutory or regulatory authority other than E.O. 12549. Contractors with awards that exceed the small purchase threshold shall provide the required certification regarding its exclusion status and that of its principal employees.

**FAIR HOUSING.** Contractors must comply with the Fair Housing Act Title VIII of the Civil Rights Act of 1968 as amended and the Genesee County Land Bank Authority Fair Housing Policy as stated: "Equal

housing opportunity for all persons, regardless of race, color, national origin, religion, age, sex, familial status, marital status, sexual orientation or disability, is a fundamental policy of the Genesee County Land Bank Authority (GCLBA). GCLBA is committed to diligence in assuring equal housing opportunity and non-discrimination to all aspects of its housing activities. As a county governmental authority undertaking housing activities, GCLBA has an ethical as well as legal imperative to work aggressively to ensure that GCLBA housing programs comply fully with all local, state and federal fair housing laws.”

**INTEREST OF THE GCLBA AND LOCAL PUBLIC OFFICIALS.** The undersigned certifies, to the best of his or her knowledge and belief that: no member of the governing body of the GCLBA who exercises any functions or responsibilities in connection with the administration of the **(FUNDING SOURCE** Funding, no other officer or employee or public official of the GCLBA, who exercises such functions or responsibilities, and no member of the City Government of the partner agencies or municipalities listed on the cover of the Request for Proposal (RFP), shall have any interest, direct or indirect, in this Contract. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of the GCLBA.

**RETENTION AND ACCESS TO RECORDS.** The Contractor shall maintain for a period of five (5) years all supporting documents, financial records, statistical records and all other records pertinent to this contract. GCLBA, the State of Michigan, U.S. Department of Treasury, the Comptroller General of the United States, or any of their duly authorized representatives as well as any and all relevant governmental agencies shall have access to any books, documents, papers and records of the Contractor which are pertinent to a specific program for the purpose of making audits, examinations, excerpts, and transcriptions.

**ARBITRATION CLAUSE.** Any dispute arising out of or relating to this agreement that has not been resolved by good-faith negotiations will be finally settled by arbitration in accordance with Michigan statute 2012 PA 371, MCL 691.1681 et. seq. by a sole arbitrator. The place of arbitration will be Flint, Michigan. The arbitrator is not empowered to award damages in excess of any lawful limitations on damages provided in this agreement.

The statute of limitations of State of Michigan applicable to the commencement of the lawsuit will apply to the commencement of an arbitration under this section.

**LIQUIDATED DAMAGES.** Contractor and the GCLBA recognize that time is of the essence for this Contract and that GCLBA will suffer financial loss if the Work is not completed within the times specified in the Term of Contract, plus any extensions thereof allowed in accordance of the Contract. The parties also recognize the delays, expense, and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by GCLBA if the Work is not completed on time. Accordingly, instead of requiring any such proof, GCLBA and Contractor agree that as liquidated damages for delay (but not as a penalty), Contractor shall pay GCLBA \$250.00 for each day that expires after the time specified in Notices to Proceed, as well as, Term of Contract for Substantial Completion until the Work is substantially complete. After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Time or any proper extension thereof granted by GCLBA, Contractor shall pay GCLBA \$250.00 for each day that expires after the time specified in the Term of Contract for completion and readiness for final payment until the Work is completed and ready for final payment. If the work is not completed to the GCLBA’s specifications, at the discretion of the GCLBA, the GCLBA will make the necessary repairs and decrease that amount from the Contractors contracted amount.

**INDEMNIFICATION AND INSURANCE.** During the term of the contract the Contractor must carry and maintain current insurance coverage of the types and amounts required as set forth in the Insurance Checklist as defined in Attachment A of the Request for Proposals documents. The GCLBA must be named as additional insured on all certificates of insurance. If insurance information changes the Contractor must notify the GCLBA immediately of the change.

Contractor shall defend, indemnify and hold harmless GCLBA, and their respective directors, officers, employees, agents, sureties and servants, from and against all damages, liabilities, claims, suits demands, judgments and awards (including attorney's fees and other expenses) on account of any damage to property or injury (including death) to persons (including any damage or injury to the property or person of any employee of contractor, other subcontractor, or which may occur or be alleged to have occurred in connection with the performance of the Work, whether or not GCLBA is alleged to be concurrently negligent; provided, however, Contractor does not assume responsibility for liability to the proportional extent it arises from the active negligence of GCLBA.

**TERMINATION.** Either party may terminate this contract at its convenience at any time by giving written notice at least 30 days before the effective date of such termination to the other party of such termination and specifying the effective date. Partial terminations of the Work may only be undertaken with the prior approval of the GCLBA. In the event of any termination for convenience, all finished or unfinished documents, data, studies, surveys, maps, models, photographs, reports or other materials prepared by Contractor under this agreement shall, at the option of the GCLBA, become the property of the GCLBA, and Contractor shall be entitled to receive just and equitable compensation for any satisfactory work completed on such documents or materials prior to the termination. The Contractor agrees to adhere to all requirements as outlined in 2 CFR 200 Subpart D, §200.339 - §200.342. These requirements include all contracts in excess of \$10,000 must address termination for cause and for convenience by the non-federal entity including the manner by which it will be effected and the basis for settlement.

The GCLBA may also immediately suspend or terminate this Contract for cause if Contractor materially fails to comply with any term of this Contract, or with any of the rules, regulations or provisions referred to herein; and the GCLBA may declare the Contractor ineligible for any further participation in GCLBA contracts in accordance with 2 CFR 200.

This contract may also be immediately terminated by the GCLBA for reasons of substandard or non-performance, diminution of funds, or any reasons related to changing objectives of the GCLBA. The GCLBA reserves the right to cancel contracts for non-compliance with the terms of this Contract, reporting requirements as defined in the Work, and any of such rules, regulations, or orders as may be applicable to the Work and the funding source under which the Work is undertaken. Three months of non-compliance may result in automatic termination.

**USE OF CITY OF FLINT WATER:** Any contractor that is illegally using the City of Flint water/fire hydrants will face consequences including the possibility of debarment by the Genesee County Land Bank.

**WARRANTY.** In addition to any other warranties set forth elsewhere in this Contract, Contractor warrants that Work performed and materials furnished under this Contract conform to the Contract requirements and as required in the Request For Proposals, and are free of any defect of equipment, material or design furnished, or workmanship performed by Contractor or any of its subcontractors or suppliers of any tier. Such warranty shall continue for a period of one (1) year from the date of final acceptance of the Work by GCLBA. Under this warranty, Contractor shall remedy at its own expense any

such failure to conform or any such defect. In addition, Contractor shall remedy at its own expense any damage to real or personal property owned or controlled by Owner/Relevant Parties when that damage is the result of Contractor's failure to conform to Contractor requirements or of any defect in equipment, material, workmanship or design furnished by Contractor. Contractor shall also restore any work damaged in fulfilling the terms of this Article.

**RE-INSPECTION FEE.** If the Contractor's work fails the GCLBA's inspection, the GCLBA will charge Contractor a \$75 fee per re-inspection.

**HARDEST HIT FUND CONTRACTS FRAUD, WASTE, AND ABUSE POLICY.** In an effort to deter misconduct, fraud, waste and abuse, and to ensure that HHF funds are spent in the most responsible manner, MHA will closely monitor all transactions. This includes, but is not limited to, analyzing demolition costs based on size of structure and reasonableness compared to other work being done in each city and other areas of the state. Any and all questionable transactions will be brought to the attention of the GCLBA and additional justification may be requested. Any problems identified will immediately be brought to the attention of MHA management, who will be provided with detailed information and any materials used to make the claim of misconduct, fraud, waste and abuse. Further disclosure will be made as appropriate to U.S. Treasury, MSHDA's legal team, Michigan's Attorney General's office, and other relevant law enforcement organizations. Action taken may include but is not limited to criminal prosecution, debarment of individuals or organizations, and suspension of any future funding.

**MODIFICATION OF CONTRACT.** No modification of this Contract will be made except by the written addendum, signed by the Contractor and the GCLBA.

**NOTICES.** Any notices or modifications given under this contract will be in writing and served personally or sent by certified or registered mail. Such notice is effective upon receipt by the other party.

Notices for the OWNER/GCLBA should be sent to: **(DIRECTOR NAME)**, Executive Director  
GENESEE COUNTY LAND BANK AUTHORITY  
452 S. Saginaw Street, 2<sup>nd</sup> Floor  
Flint, Michigan 48502

Notices for the Contractor should be sent to: **(NAME OF AUTHORIZED BUSINESS REPRESENTATIVE)**  
**(NAME OF BUSINESS ENTITY)**  
**(ADDRESS OF BUSINESS ENTITY)**

**CONTRACT ENTERED INTO BY:**  
GENESEE COUNTY LAND BANK AUTHORITY **(NAME OF BUSINESS ENTITY)**

\_\_\_\_\_  
**(DIRECTOR NAME)**, Executive Director

\_\_\_\_\_  
**(NAME OF AUTHORIZED BUSINESS REPRESENTATIVE)**

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witnessed by:

\_\_\_\_\_  
Witnessed by:

Witnessed by:

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

Federal Identification Number: \_\_\_\_\_

License Number: \_\_\_\_\_

## ATTACHMENT A

**SECTION 3 CLAUSE.** All Section 3 covered 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.
- D. 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.
- E. 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.
- F. The contractor will certify that any vacant employment positions, including training positions, that are filled (1) after the contractor is selected by 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.
- G. 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.



## COVERSHEET FOR ALL PAYMENT REQUEST PACKETS\*

|                                                                           |            |                              |  |
|---------------------------------------------------------------------------|------------|------------------------------|--|
| <b>CONTRACTOR:</b>                                                        |            | <b>BID NUMBER:</b>           |  |
| <b>NUMBER OF HOUSES (PAYMENT PACKETS) YOUR ARE SUBMITTING SUBMITTING:</b> |            |                              |  |
| <b>Type of Project:</b>                                                   |            |                              |  |
| <input type="checkbox"/>                                                  | Inspection | <b>Contact Person:</b>       |  |
| <input type="checkbox"/>                                                  | Abatement  | <b>Contact Phone Number:</b> |  |
| <input type="checkbox"/>                                                  | Demolition | <b>Email:</b>                |  |

The Genesee County Land Bank (GCLBA) **WILL NOT**, process any payment requests without all of the required documentation, including **legible and complete** waste manifest and documentation of the disposal of waste.

The GCLBA will pay the contractors the fixed price as agreed upon in contract of awarded bid. No increase in costs will be paid unless previously approved in a signed change order. **Payment to Contractor is made by the GCLBA on a net 30 to 60 day cycle upon receiving completed payment request packet for each project/address and all required submittals (invoice, sworn statement, lien waivers, manifests, etc.).**

**Demolition Contractors:** *When demolition project is completed, contractor must contact GCLBA's Demolition Inspector, in addition to the City or Township's Inspector to have the site inspected. If site fails inspections, request for payment will be rejected until any issue(s) has been resolved. Once the GCLBA Inspector has approval inspection payment request will be submitted for processing on a net 30 to 60 day cycle.*

Upon receipt of payment request, the GCLBA will notify Contractor by email. If payment request is rejected, the GCLBA will notify Contractor by email. All payment requests will be returned to Contractor for correction. Once all required documentation has been received and approved, the GCLBA will notify Contractor that payment has been submitted for processing and payment will be made to the contractor on a net 30 day cycle.

The undersigned Contractor states that the items listed on the attached Payment Request Checklist are completed and included in the site specific packet of documentation and hereby requests a final payment.

\_\_\_\_\_  
Contractor

\_\_\_\_\_  
Date Submitted

***\*Please submit this form as a coversheet when submitting payment request packets.***

The attached site specific Packet Request Packet has been reviewed by GCLBA staff and the following recommended the following action:

- ☐ **Rejected for the reason(s) listed on the Payment Request Checklist**
- ☐ **Approved and has been submitted for payment**

\_\_\_\_\_  
GCLBA Demolition Team Reviewer

\_\_\_\_\_  
Date

## REQUEST FOR FINAL PAYMENT CHECKLIST

|                    |                        |
|--------------------|------------------------|
| <b>ADDRESS:</b>    | <b>PARCEL NUMBER:</b>  |
| <b>CONTRACTOR:</b> | <b>CONTACT PERSON:</b> |
| <b>BID NUMBER:</b> |                        |

**Contractors must provide the following information with each payment request (only supply one copy with your Coversheet for All Payment Request Packets):**

- ☐ If sub-contracting, you must provide proof that the sub-contractor is in compliance with the Michigan Workers' Disability Compensation Act requirements and appropriately licensed. Submitted with Coversheet for all payment request packets or is on file with the GCLBA.
- ☐ Insurance Accord for sub-contractors listing the GCLBA and Contractor.
- ☐ Certified Payroll – for all workers and time worked on project.

**Demolition Contractors:**

- ☐ Backfill & Top Soil Sampling Forms - Statement of confirmation that backfill and top soil is below MDEQ Direct Contact level and backup documentation (Lab results from soil sample for backfill and top soil) also provided prior to bring backfill and top soil on site.
- ☐ Seed label from seed mix used on projects. *(GCLBA may request random samples of seed mix from contractors)*

**Does this site specific packet contain all of the required documents? Has Contractor reviewed documents?**

| Y/N                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                               | <input type="checkbox"/> Payment Request Form                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                               | <input type="checkbox"/> Sworn Statement (All subcontractor must be listed)                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                               | <input type="checkbox"/> Waivers of Lien from yourself                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                               | <input type="checkbox"/> Waivers of Lien from all subcontractors listed on Sworn Statement                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                               | <input type="checkbox"/> Invoice on Contractor's Letterhead (Can use a master invoice that lists all addresses included in payment request and parcel number. Highlight property for this packet.)                                                                                                                                                                                                                                                                                                                 |
|                               | <input type="checkbox"/> Attestation Form(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ABATEMENT CONTRACTORS</b>  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                               | <input type="checkbox"/> Completed State NESHAP Notification                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                               | <input type="checkbox"/> Pre-Abatement Walkthrough form                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                               | <input type="checkbox"/> Field Report/Daily Log                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                               | <input type="checkbox"/> Address Specific Abatement Summary Tracking Sheet - Manifests (legible copies of manifests and tickets)                                                                                                                                                                                                                                                                                                                                                                                   |
|                               | <input type="checkbox"/> Before and after Pictures of items removed/abated uploaded to Box.com                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                               | <input type="checkbox"/> Line Item Invoice                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>DEMOLITION CONTRACTORS</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                               | <input type="checkbox"/> Completed State NESHAP Notification                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                               | <input type="checkbox"/> Pre-Demolition Walkthrough form                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                               | <input type="checkbox"/> <u>Field Report/Daily Log/ Inventory Sheet</u> with supporting paperwork: (a) Legible copies of disposal manifests and/or shipping papers used to dispose of materials/wastes from each disposal/recycling facility. (b) A copy of the CFC recovery certificate signed and certified by the licensed CFC recovery professional. (c). A copy of the scrap metal receipt for AST/USTs and other metals. <i>(All asbestos containing waste must be identified; friable and non-friable )</i> |
|                               | <input type="checkbox"/> Trucking Log – tracking the transportation and disposal of C & D waste. <i>(Contractor must provide Friable Asbestos Manifests and receipts for structures demolished as asbestos containing.)</i>                                                                                                                                                                                                                                                                                        |
|                               | <input type="checkbox"/> Watering Report                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                               | <input type="checkbox"/> Demolition Permit                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                               | <input type="checkbox"/> Soil Erosion Permit or Waiver                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                               | <input type="checkbox"/> Before and After Photographs of the site (labeled – front, back, left side, right side),sidewalks and approaches                                                                                                                                                                                                                                                                                                                                                                          |
|                               | <input type="checkbox"/> City or Township Inspection receipt - <input type="checkbox"/> Winter-Grade <input type="checkbox"/> Final Grade <input type="checkbox"/> Open Hole                                                                                                                                                                                                                                                                                                                                       |
|                               | <input type="checkbox"/> GCLBA Demolition Inspector Report- Does GCLBA Demolition Inspector approved payment for request? <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                 |



## REQUEST FOR FINAL PAYMENT

|                          |                                   |
|--------------------------|-----------------------------------|
| <b>Project Location:</b> | <b>Parcel Identification No.:</b> |
| <b>Type of Project:</b>  | <b>Bid #:</b>                     |
| <b>Contractor:</b>       | <b>Contact Person:</b>            |

A final payment is requested for work completed as listed below (including change orders):

| Description of work completed: | Amount: |
|--------------------------------|---------|
|                                |         |
|                                |         |
|                                |         |
|                                |         |
|                                |         |
|                                |         |
|                                |         |
| <b>Total:</b>                  |         |

The undersigned Contractor states that the items listed on the attached Request for Payment Checklist are completed and included in the site specific packet of documentation and hereby requests a final payment. Contractor must submit all the documentation listed on the Request for Payment Checklist or payment request will be rejected.

\_\_\_\_\_  
Contractor

\_\_\_\_\_  
Date

The attached site specific Packet Request Packet has been reviewed by GCLBA staff and the following recommended the following action:

- ☐ Rejected for the reason(s) listed on the Payment Request Checklist
- ☐ Approved and has been submitted for payment

\_\_\_\_\_  
GCLBA Demolition Team Reviewer

\_\_\_\_\_  
Date

**DEMOLITION ONLY:**

- ☐ Inspection failed for the reason(s) listed on Inspection Report. Payment request **NOT** approved for processing.
- ☐ Inspection passed and payment request approved for processing. (See Inspection Report)



## SWORN STATEMENT

**Bid Number:**

**Contact Person:**

**Type of Project:**

**Contact Phone Number:**

\_\_\_\_\_ being duly sworn deposes and says:

1. That \_\_\_\_\_ is the Contractor/Subcontractor for an improvement to the following described real properties situated in Genesee County, Michigan:

| NO. | PARCEL NUMBER | ADDRESS | NO. | PARCEL NUMBER | ADDRESS | NO. | PARCEL NUMBER | ADDRESS |
|-----|---------------|---------|-----|---------------|---------|-----|---------------|---------|
| 1.  |               |         | 11. |               |         | 21. |               |         |
| 2.  |               |         | 12. |               |         | 22. |               |         |
| 3.  |               |         | 13. |               |         | 23. |               |         |
| 4.  |               |         | 14. |               |         | 24. |               |         |
| 5.  |               |         | 15. |               |         | 25. |               |         |
| 6.  |               |         | 16. |               |         | 26. |               |         |
| 7.  |               |         | 17. |               |         | 27. |               |         |
| 8.  |               |         | 18. |               |         | 28. |               |         |
| 9.  |               |         | 19. |               |         | 29. |               |         |
| 10. |               |         | 20. |               |         | 30. |               |         |

2. That the contracts of subcontracts cited herein are for the demolition of the property referenced above.
3. That the following is a statement, as of \_\_\_\_\_ (Insert cut off date for payment request) of each subcontractor, supplier and laborer, for which laborer the payment of wages or fringe benefits and withholdings is due but unpaid with whom the Contractor/Subcontractor has contracted/subcontracted for performance under the contract with the owner or lessee thereof, and that the amounts due to the persons as of the date hereof are correctly and fully set forth opposite their names, as follows: (Attach additional tables if needed)

| Name of Subcontractor, Supplier of Laborer | Type of Improvement | Contract Price | Total Prior Payment | Balance to Complete Contract Price |
|--------------------------------------------|---------------------|----------------|---------------------|------------------------------------|
|                                            |                     |                |                     |                                    |
|                                            |                     |                |                     |                                    |

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

4. That the Contractor has not procured material from, or subcontracted with, any person other than those set forth above and owes no money for the improvement other than the sums set forth above.
5. Set forth above and owes no money for the improvement other than the sums set forth above.
6. Deponent further says that he or she makes the foregoing statement as the Contractor/Subcontractor or as the of the Contractor/Subcontractor for the purpose of representing to the owner, lessee or mortgagee of the above descried property and his or her agents that the above described property is free from claims of construction liens, or the possibility of construction liens, expect as specifically set forth above, and except for claims of construction liens by laborers which may be provided pursuant to Section 109 of the Construction Lien Act, Act No. 497 of the Public Acts of 1980, as amended, being Section 570.1100 of the Michigan Compiled Laws.
7. Deponent further says that Laborer wages, fringe benefits and income tax withholdings are paid, except:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**WARNING TO OWNER: AN OWNER OF THE ABOVE REFERENCED PROPERTY MAY NOT RELY ON THIS SWORN STATEMENT TO AVOID THE CLAIM OF A SUBCONTRACTOR, SUPPLIER, OR LABORER WHO HAS PROVIDED A NOTICE OF FURNISHING (OR LABORER WHO MAY PROVIDE A NOTICE OF FURNISHING PURSUANT TO SECTION 109 OF THE CONSTRUCTION LIEN ACT) TO THE DESIGNEE OR TO THE OWNER OR LESSEE IF THE DESIGNEE IS NOT NAMED, OR HAS DIED.**

Contractor's Name: \_\_\_\_\_ Deponent)

By: \_\_\_\_\_

Its: \_\_\_\_\_

**WARNING TO DEPONENT: A PERSON WHO, WITH INTENT TO DEFRAUD, GIVES A FALSE SWORN STATEMENT IS SUBJECT TO CRIMINAL PENALTIES AS PROVIDED IN SECTION 110 OF THE CONSTRUCTION LIEN ACT, ACT. NO. 497 OF THE PUBLIC ACTS OF 1980, AS AMENDED, BEING SECTION 570.110 OF THE MICHIGAN COMPILED LAWS.**

Subscribed to and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_ Notary Public

\_\_\_\_\_ County, Michigan

My commission expires: \_\_\_\_\_



452 S. Saginaw, Second Floor  
Flint, MI 48502  
810.257.3088

## SWORN STATEMENT

**Project Location:**

**Parcel ID No.:**

**Type of Project:**

**Contact Person:**

\_\_\_\_\_ being duly sworn deposes and says:

1. That \_\_\_\_\_ is the Contractor/Subcontractor for an improvement to the following described real property situated in Genesee County, Michigan:

Address:

Parcel #:

\_\_\_\_\_

\_\_\_\_\_

2. That the contracts of subcontracts cited herein are for the demolition of the property referenced above.
3. That the following is a statement, as of \_\_\_\_\_ (Insert cut off date for payment request) of each subcontractor, supplier and laborer, for which laborer the payment of wages or fringe benefits and withholdings is due but unpaid with whom the Contractor/Subcontractor has contracted/subcontracted for performance under the contract with the owner or lessee thereof, and that the amounts due to the persons as of the date hereof are correctly and fully set forth opposite their names, as follows:

| Name of Subcontractor,<br>Supplier of Laborer | Type of<br>Improvement | Contract Price | Total Prior<br>Payment | Balance to<br>Complete<br>Contract<br>Price |
|-----------------------------------------------|------------------------|----------------|------------------------|---------------------------------------------|
|                                               |                        |                |                        |                                             |
|                                               |                        |                |                        |                                             |
|                                               |                        |                |                        |                                             |
|                                               |                        |                |                        |                                             |
|                                               |                        |                |                        |                                             |

ATTACHMENT C- EXAMPLE PAYMENT REQUEST PACKET(CONT'D)

4. That the Contractor has not procured material from, or subcontracted with, any person other than those set forth above and owes no money for the improvement other than the sums set forth above.
5. Set forth above and owes no money for the improvement other than the sums set forth above.
6. Deponent further says that he or she makes the foregoing statement as the Contractor/Subcontractor or as the \_\_\_\_\_ of the Contractor/Subcontractor for the purpose of representing to the owner, lessee or mortgagee of the above described property and his or her agents that the above described property is free from claims of construction liens, or the possibility of construction liens, except as specifically set forth above, and except for claims of construction liens by laborers which may be provided pursuant to Section 109 of the Construction Lien Act, Act No. 497 of the Public Acts of 1980, as amended, being Section 570.1100 of the Michigan Compiled Laws.
7. Deponent further says that Laborer wages, fringe benefits and income tax withholdings are paid, except:

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**WARNING TO OWNER: AN OWNER OF THE ABOVE REFERENCED PROPERTY MAY NOT RELY ON THIS SWORN STATEMENT TO AVOID THE CLAIM OF A SUBCONTRACTOR, SUPPLIER, OR LABORER WHO HAS PROVIDED A NOTICE OF FURNISHING (OR LABORER WHO MAY PROVIDE A NOTICE OF FURNISHING PURSUANT TO SECTION 109 OF THE CONSTRUCTION LIEN ACT) TO THE DESIGNEE OR TO THE OWNER OR LESSEE IF THE DESIGNEE IS NOT NAMED, OR HAS DIED.**

Contractor's Name:..... (Deponent)

By: \_\_\_\_\_

Its: \_\_\_\_\_

**WARNING TO DEPONENT: A PERSON WHO, WITH INTENT TO DEFRAUD, GIVES A FALSE SWORN STATEMENT IS SUBJECT TO CRIMINAL PENALTIES AS PROVIDED IN SECTION 110 OF THE CONSTRUCTION LIEN ACT, ACT. NO. 497 OF THE PUBLIC ACTS OF 1980, AS AMENDED, BEING SECTION 570.110 OF THE MICHIGAN COMPILED LAWS.**

Subscribed to and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_ Notary

Public \_\_\_\_\_ County, Michigan

My commission expires: \_\_\_\_\_

## FULL CONDITIONAL WAIVER OF LIEN

**Bid Number:**

**Contact Person:**

**Type of Project:**

**Contact Phone Number:**

I/We \_\_\_\_\_ have supplied labor/materials to:  
(Name of Contractor/Supplier)

\_\_\_\_\_  
(Other contracting party)

to provide:

\_\_\_\_\_  
(Type of Improvement)

for the improvement of the properties located at the addresses referenced below. And by signing this waiver I/we waive my/our construction lien to the amount of \$ \_\_\_\_\_ for labor/materials provided through \_\_\_\_\_.

(date of draw cutoff or actual payment)

| NO. | PARCEL | ADDRESS | NO. | PARCEL | ADDRESS | NO. | PARCEL | ADDRESS |
|-----|--------|---------|-----|--------|---------|-----|--------|---------|
| 1.  |        |         | 11. |        |         | 21. |        |         |
| 2.  |        |         | 12. |        |         | 22. |        |         |
| 3.  |        |         | 13. |        |         | 23. |        |         |
| 4.  |        |         | 14. |        |         | 24. |        |         |
| 5.  |        |         | 15. |        |         | 25. |        |         |
| 6.  |        |         | 16. |        |         | 26. |        |         |
| 7.  |        |         | 17. |        |         | 27. |        |         |
| 8.  |        |         | 18. |        |         | 28. |        |         |
| 9.  |        |         | 19. |        |         | 29. |        |         |
| 10. |        |         | 20. |        |         | 30. |        |         |

This waiver, together with all previous waivers, if any, (check one) ☐ **does** or ☐ **does not** cover all amounts due to me/us for contract improvement provided through the date shown above. This waiver is conditioned on actual payment of the amount shown above.

DO NOT SIGN BLANK OR INCOMPLETE FORMS  
RETAIN A COPY FOR YOUR RECORDS



If improvement is provided to property that is a residential structure and if the owner or lessee of the property or the owner's or lessee's designee has received a notice of furnishing from me/one of us, or if I/we are not required to provide one, and the owner, lessee, or designee has not received this waiver directly from me/one of us, the owner, lessee, or designee may not rely upon it without contracting me/one of us, either in writing, by telephone, or personally, to verify that it is authentic.

Date Signed: \_\_\_\_\_

Company Name/Lien Claimant: \_\_\_\_\_

Signature of Lien Claimant: \_\_\_\_\_

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

\_\_\_\_\_

Telephone: \_\_\_\_\_

DO NOT SIGN BLANK OR INCOMPLETE FORMS  
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## FULL CONDITIONAL WAIVER OF LIEN

**Project Location:**

**Parcel ID Number:**

**Type of Project:**

**Contact Person:**

I/We \_\_\_\_\_ have supplied labor/materials to:  
(Name of Contractor/Supplier)

\_\_\_\_\_  
(Other contracting party)

to provide:

\_\_\_\_\_  
(Type of Improvement)

for the improvement of the property located at the address referenced above. And by signing this waiver waive my/our construction lien to the amount of \$ \_\_\_\_\_ for labor/materials provided

through \_\_\_\_\_.  
(date of draw cutoff or actual payment)

This waiver, together with all previous waivers, if any, (check one) ☐ **does or** ☐ **does not** cover all amounts due to me/us for contract improvement provided through the date shown above. This waiver is conditioned on actual payment of the amount shown above.

If improvement is provided to property that is a residential structure and if the owner or lessee of the property or the owner's or lessee's designee has received a notice of furnishing from me/one of us, or if I/we are not required to provide one, and the owner, lessee, or designee has not received this waiver directly from me/one of us, the owner, lessee, or designee may not rely upon it without contracting me/one of us, either in writing, by telephone, or personally, to verify that it is authentic.

Date Signed: \_\_\_\_\_

Company Name/Lien Claimant: \_\_\_\_\_

Signature of Lien Claimant: \_\_\_\_\_

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

Telephone: \_\_\_\_\_

DO NOT SIGN BLANK OR INCOMPLETE FORMS  
RETAIN A COPY FOR YOUR RECORDS



## FULL UNCONDITIONAL WAIVER OF LIEN

**Bid Number:**

**Contact Person:**

**Type of Project:**

**Contact Phone Number:**

I/We \_\_\_\_\_ have supplied labor/materials to:  
(Name of Contractor/Supplier)

\_\_\_\_\_  
(Other contracting party)

to provide:

\_\_\_\_\_  
(Type of Improvement)

for the improvement of the properties located at the address referenced below:

| NO. | PARCEL<br>NUMBER | ADDRESS | NO. | PARCEL<br>NUMBER | ADDRESS | NO. | PARCEL<br>NUMBER | ADDRESS |
|-----|------------------|---------|-----|------------------|---------|-----|------------------|---------|
| 1.  |                  |         | 11. |                  |         | 21. |                  |         |
| 2.  |                  |         | 12. |                  |         | 22. |                  |         |
| 3.  |                  |         | 13. |                  |         | 23. |                  |         |
| 4.  |                  |         | 14. |                  |         | 24. |                  |         |
| 5.  |                  |         | 15. |                  |         | 25. |                  |         |
| 6.  |                  |         | 16. |                  |         | 26. |                  |         |
| 7.  |                  |         | 17. |                  |         | 27. |                  |         |
| 8.  |                  |         | 18. |                  |         | 28. |                  |         |
| 9.  |                  |         | 19. |                  |         | 29. |                  |         |
| 10. |                  |         | 20. |                  |         | 30. |                  |         |

Having been fully paid and satisfied, all my/our construction lien rights against such properties are hereby waived and released.

Date Signed: \_\_\_\_\_

Company Name/Lien Claimant: \_\_\_\_\_

Signature of Lien Claimant: \_\_\_\_\_

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

Telephone: \_\_\_\_\_

DO NOT SIGN BLANK OR INCOMPLETE FORMS  
RETAIN A COPY FOR YOUR RECORDS



## PARTIAL UNCONDITIONAL WAIVER OF LIEN

**Project Location:**

**Parcel ID Number:**

**Type of Project:**

**Contact Person:**

I/We \_\_\_\_\_ have supplied labor/materials to:  
(Name of Contractor/Supplier)

\_\_\_\_\_  
(Other contracting party)

to provide:

\_\_\_\_\_  
(Type of Improvement)

for the improvement of the property located at the address referenced above.

Having been fully paid and satisfied, all my/our construction lien rights against such property are hereby waived and released.

### STATEMENT OF ACCOUNT

|                       |          |
|-----------------------|----------|
| Contract Price        | \$ _____ |
| Extras                | \$ _____ |
| Deduct Credit         | \$ _____ |
| Previously Paid       | \$ _____ |
| Retention             | \$ _____ |
| Balance               | \$ _____ |
| This Payment          | \$ _____ |
| Balance To Become Due | \$ _____ |

Date Signed: \_\_\_\_\_

Company Name/Lien Claimant: \_\_\_\_\_

Signature of Lien Claimant: \_\_\_\_\_

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

\_\_\_\_\_  
Telephone: \_\_\_\_\_

DO NOT SIGN BLANK OR INCOMPLETE FORMS  
RETAIN A COPY FOR YOUR RECORDS



## PARTIAL UNCONDITIONAL WAIVER OF LIEN

**Bid Number:**

**Contact Person:**

**Type of Project:**

**Contact Phone Number:**

I/We \_\_\_\_\_ have supplied labor/materials to:  
(Name of Contractor/Supplier)

\_\_\_\_\_  
(Other contracting party)

to provide:

\_\_\_\_\_  
(Type of Improvement)

for the improvement of the property located at the addresses referenced below.

| NO. | PARCEL<br>NUMBER | ADDRESS | NO. | PARCEL<br>NUMBER | ADDRESS | NO. | PARCEL<br>NUMBER | ADDRESS |
|-----|------------------|---------|-----|------------------|---------|-----|------------------|---------|
| 1.  |                  |         | 11. |                  |         | 21. |                  |         |
| 2.  |                  |         | 12. |                  |         | 22. |                  |         |
| 3.  |                  |         | 13. |                  |         | 23. |                  |         |
| 4.  |                  |         | 14. |                  |         | 24. |                  |         |
| 5.  |                  |         | 15. |                  |         | 25. |                  |         |
| 6.  |                  |         | 16. |                  |         | 26. |                  |         |
| 7.  |                  |         | 17. |                  |         | 27. |                  |         |
| 8.  |                  |         | 18. |                  |         | 28. |                  |         |
| 9.  |                  |         | 19. |                  |         | 29. |                  |         |
| 10. |                  |         | 20. |                  |         | 30. |                  |         |

Having been fully paid and satisfied, all my/our construction lien rights against such property are hereby waived and released.

### STATEMENT OF ACCOUNT

Contract Price \$ \_\_\_\_\_  
 Extras \$ \_\_\_\_\_  
 Deduct Credit \$ \_\_\_\_\_  
 Previously Paid \$ \_\_\_\_\_  
 Retention \$ \_\_\_\_\_  
 Balance \$ \_\_\_\_\_  
  
 This Payment \$ \_\_\_\_\_  
 Balance To Become Due \$ \_\_\_\_\_

Date Signed: \_\_\_\_\_

Company Name/Lien Claimant: \_\_\_\_\_

Signature of Lien Claimant: \_\_\_\_\_

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

Telephone: \_\_\_\_\_

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## PARTIAL CONDITIONAL WAIVER OF LIEN

**Bid Number:**

**Contact Person:**

**Type of Project:**

**Contact Phone Number:**

I/We \_\_\_\_\_ have supplied labor/materials to:  
(Name of Contractor/Supplier)

\_\_\_\_\_  
(Other contracting party)

to provide:

\_\_\_\_\_  
(Type of Improvement)

for the improvement of the properties located at the addresses referenced below. And by signing this waiver waive my/our construction lien to the amount of \$ \_\_\_\_\_ for labor/materials provided through \_\_\_\_\_.

(date of draw cutoff or actual payment)

| NO. | PARCEL NUMBER | ADDRESS | NO. | PARCEL NUMBER | PARCEL NUMBER | NO. | PARCEL NUMBER | ADDRESS |
|-----|---------------|---------|-----|---------------|---------------|-----|---------------|---------|
| 1.  |               |         | 11. |               |               | 21. |               |         |
| 2.  |               |         | 12. |               |               | 22. |               |         |
| 3.  |               |         | 13. |               |               | 23. |               |         |
| 4.  |               |         | 14. |               |               | 24. |               |         |
| 5.  |               |         | 15. |               |               | 25. |               |         |
| 6.  |               |         | 16. |               |               | 26. |               |         |
| 7.  |               |         | 17. |               |               | 27. |               |         |
| 8.  |               |         | 18. |               |               | 28. |               |         |
| 9.  |               |         | 19. |               |               | 29. |               |         |
| 10. |               |         | 20. |               |               | 30. |               |         |

This waiver, together with all previous waivers, if any, (check one) ☐ **does or** ☐ **does not** cover all amounts due to me/us for contract improvement provided through the date shown above. This waiver is conditioned on actual payment of the amount shown above.

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Date Signed: \_\_\_\_\_

Company Name/Lien Claimant: \_\_\_\_\_

Signature of Lien Claimant: \_\_\_\_\_

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

\_\_\_\_\_

Telephone: \_\_\_\_\_

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## PARTIAL CONDITIONAL WAIVER OF LIEN

**Project Location:**

**Parcel ID Number:**

**Type of Project:**

**Contact Person:**

I/We \_\_\_\_\_ have supplied labor/materials to:  
(Name of Contractor/Supplier)

\_\_\_\_\_  
(Other contracting party)

to provide:

\_\_\_\_\_  
(Type of Improvement)

for the improvement of the property located at the address referenced above. And by signing this waiver waive my/our construction lien to the amount of \$ \_\_\_\_\_ for labor/materials provided through \_\_\_\_\_.  
(date of draw cutoff or actual payment)

This waiver, together with all previous waivers, if any, (check one) ☐ **does** or ☐ **does not** cover all amounts due to me/us for contract improvement provided through the date shown above. This waiver is conditioned on actual payment of the amount shown above.

If improvement is provided to property that is a residential structure and if the owner or lessee of the property or the owner's or lessee's designee has received a notice of furnishing from me/one of us, or if I/we are not required to provide one, and the owner, lessee, or designee has not received this waiver directly from me/one of us, the owner, lessee, or designee may not rely upon it without contracting me/one of us, either in writing, by telephone, or personally, to verify that it is authentic.

Date Signed: \_\_\_\_\_

Company Name/Lien Claimant: \_\_\_\_\_

Signature of Lien Claimant: \_\_\_\_\_

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

Telephone: \_\_\_\_\_

DO NOT SIGN BLANK OR INCOMPLETE FORMS  
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# TRUCKING LOG



BID NUMBER: \_\_\_\_\_  
\_\_\_\_\_

CONTRACTOR: \_\_\_\_\_  
\_\_\_\_\_

PARCEL NUMBER: \_\_\_\_\_

SUPERVISOR: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

| Date Shipped | Contractor # /<br>Manifest # | Weight Ticket # | Transporter | Destination | Truck /<br>Container ID # | Material<br>Description | Net Weight<br>Pounds | Gross Tons /<br>Yards |
|--------------|------------------------------|-----------------|-------------|-------------|---------------------------|-------------------------|----------------------|-----------------------|
|              |                              |                 |             |             |                           |                         |                      |                       |
|              |                              |                 |             |             |                           |                         |                      |                       |
|              |                              |                 |             |             |                           |                         |                      |                       |
|              |                              |                 |             |             |                           |                         |                      |                       |
|              |                              |                 |             |             |                           |                         |                      |                       |
|              |                              |                 |             |             |                           |                         |                      |                       |
|              |                              |                 |             |             |                           |                         |                      |                       |
|              |                              |                 |             |             |                           |                         |                      |                       |

## Demolition- Final Grading Seeding and Watering Report



Contractor: \_\_\_\_\_

Contact name: \_\_\_\_\_

Contact Phone: \_\_\_\_\_

### Demolition Site location:

Demolition site street address: \_\_\_\_\_ City: \_\_\_\_\_

Parcel ID: \_\_\_\_\_

### Seeding and Watering Checklist:

Please see bid specifications and contract for further details on seeding and watering requirements.+

- ☐ Emailed GCLBA staff on (date) \_\_\_\_\_ to notify GCLBA of scheduled seeding date
- ☐ Seeding date: \_\_\_\_\_
- ☐ Type of seed: \_\_\_\_\_
- ☐ Mulched applied and straw bale strings removed from site
- ☐ Seed tags attached to invoice
- ☐ Watering date: \_\_\_\_\_ or dates of rain events (within 7 days of seeding date)

I hereby certify the above information to be accurate.

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Printed name)

\_\_\_\_\_  
(signature)

Date: \_\_\_\_\_

---

## LETTER OF ATTESTATION FOR DEMOLITION CONTRACTORS

I hereby make the following attestations on behalf of \_\_\_\_\_ (Contractor)

with respect to the property located at the following address \_\_\_\_\_ (Property):

- Contractor acknowledges receipt of all policies and procedures provided by HHF Blight Partner applicable to the Help for Hardest Hit Demolition program (Blight Program), administered by the Michigan Homeowners Assistance Nonprofit Housing Corporation (MHA), .
- All documents submitted with respect to the Property, such as bid packages and invoices were true, correct and complete as of the date submitted.
- Contractor has not engaged in collusion or any anti-competitive practices in connection with the preparation or submission of any bid relating to the Property.
- The following have been supplied to the blight partner:
  - Evidence of financial stability-2 years corporate tax returns.
  - Evidence of License and Certification as required (State/Local as needed) and Contractor will continue to keep them current.
  - Evidence of Insurance: Commercial general liability coverage of no less than \$2,000,000; workers compensation and employer's liability coverage of no less than \$500,000; automobile liability with limits not less than \$1,000 per occurrence; professional liability with coverage no less than \$1,000,000;
  - Evidence of legal standing- by verifying a Certificate of Good Standing (corporate or Certificate of Existence (LLC0 issued by LARA or Articles of Organization);
  - Evidence of experience proven to the blight partner with a minimum of Five (5) years providing professional licensed demolition services or similar scope/scale;
  - Surety/Performance Bond-Must be in an amount equal to one hundred percent (100%) of the total contract amounts. Bonds must be issues by a bona fide company authorized to do business with the State of Michigan and to comply with state regulations
- Contractor has no State or Federal debarments/suspensions, conflict of interest or gross program violations.
- If a sub-contractor was utilized, the name of the sub-contractor and the invoice has been supplied to the blight partner.
- Contractor attests that all subcontractors are in compliance with all state and local laws, regulations and ordinances.
- Any and all subcontractor invoices have not been up-charged by more than 10%.
- Contractor has adhered to all applicable City, State and Federal laws, regulations and ordinances.
- Contractor was awarded contract on the Property through a competitive bid process.

## False Statements and Criminal Penalties

I (we) acknowledge that if any person, with an intent to defraud or cheat, designedly by false pretense, including any false statement or misrepresentation, obtains money, real or personal property, or the use of any instrument, facility, article or other valuable thing or service pursuant to my (our) participation in any Michigan State Housing Development Authority program, shall be guilty of a crime. Such person may be guilty of either a misdemeanor or a felony, punishable by imprisonment for not more than 10 years or a fine or both, all as set forth in Section 47 of Act No. 346 of the Public Acts of 1966, as amended (MCL 125.1447). Contractor acknowledges that providing false or misleading information in connection with the Blight program may violate Federal, state and/or local laws (including but not limited to 18.U.S.C. § 1001) and result in criminal or civil liability. Any such matters will be referred to the appropriate law enforcement authority for investigation and prosecution.

If you are aware of fraud, waste, abuse, mismanagement or misrepresentations affiliated with the Blight program, or any other program funded through the Troubled Asset Relief Program, please contact the SIG TARP Hotline by calling 1-877-SIG-2009 (toll free) or 202-622-4559 (fax), or at [www.sig tarp.gov](http://www.sig tarp.gov) <<http://www.sig tarp.gov>>, and provide them with your name and the reason for escalation. Mail can be sent to Hotline Office for the Special Inspector General for Troubled Asset Relief Program, 1801 L St NW, Washington, D.C. 20220

I hereby certify under penalty that all statements set forth in this document are true, correct and complete as of the date hereof.

\_\_\_\_\_  
Signature

Date signed \_\_\_\_\_

\_\_\_\_\_  
Print Name:

\_\_\_\_\_  
Partner Entity

**APPENDIX 6 –EXAMPLE ABATEMENT SUMMARY SHEET**

EXAMPLE ABATEMENT SUMMARY SHEET

| No. | Parcel ID     | Address              | Material                                    | Quantity & Units            | Quantity Removed by Contractor | Material Destination | Associated Manifest/BOL | Associated Receipt |
|-----|---------------|----------------------|---------------------------------------------|-----------------------------|--------------------------------|----------------------|-------------------------|--------------------|
| 1   | 40-02-402-019 | 2409 DELMAR AVE      | Smoke Detector                              | 1                           |                                |                      |                         |                    |
| 1   | 40-02-402-019 | 2409 DELMAR AVE      | Smoke Detector                              | 3                           |                                |                      |                         |                    |
| 1   | 40-02-402-019 | 2409 DELMAR AVE      | Security Battery                            | 1                           |                                |                      |                         |                    |
| 1   | 40-02-402-019 | 2409 DELMAR AVE      | Duct Wrap (4 boots/4 runs)                  | 140                         | Square feet                    |                      |                         |                    |
| 1   | 40-02-402-019 | 2409 DELMAR AVE      | Window Caulk (23 Windows)                   | 12                          | Square feet                    |                      |                         |                    |
| 1   | 40-02-402-019 | 2409 DELMAR AVE      | 9" Multi-Colored Floor Tile                 | 60                          | Square feet                    |                      |                         |                    |
| 1   | 40-02-402-019 | 2409 DELMAR AVE      | Vermiculite Insulation                      | 516                         | Square feet                    |                      |                         |                    |
| 1   | 40-02-402-019 | 2409 DELMAR AVE      |                                             |                             |                                |                      |                         |                    |
| 1   | 40-02-402-019 | 2409 DELMAR AVE      |                                             |                             |                                |                      |                         |                    |
| 1   | 40-02-402-019 | 2409 DELMAR AVE      |                                             |                             |                                |                      |                         |                    |
| 1   | 40-02-402-019 | 2409 DELMAR AVE      |                                             |                             |                                |                      |                         |                    |
| 2   | 40-02-403-029 | 2321 FOREST HILL AVE | CFL                                         | 1                           |                                |                      |                         |                    |
| 2   | 40-02-403-029 | 2321 FOREST HILL AVE | Mercury Light Bulb                          | 1                           |                                |                      |                         |                    |
| 2   | 40-02-403-029 | 2321 FOREST HILL AVE | White Linoleum                              | 90                          | Square feet                    |                      |                         |                    |
| 2   | 40-02-403-029 | 2321 FOREST HILL AVE | 9" Brown Multi-Colored Floor Tile           | 150                         | Square feet                    |                      |                         |                    |
| 2   | 40-02-403-029 | 2321 FOREST HILL AVE | Window Caulk (22 Windows)                   | 11                          | Square feet                    |                      |                         |                    |
| 2   | 40-02-403-029 | 2321 FOREST HILL AVE | Duct Wrap (1 boot)                          | 5                           | Square feet                    |                      |                         |                    |
| 2   | 40-02-403-029 | 2321 FOREST HILL AVE | Brown Linoleum                              | 42                          | Square feet                    |                      |                         |                    |
| 2   | 40-02-403-029 | 2321 FOREST HILL AVE |                                             |                             |                                |                      |                         |                    |
| 2   | 40-02-403-029 | 2321 FOREST HILL AVE |                                             |                             |                                |                      |                         |                    |
| 2   | 40-02-403-029 | 2321 FOREST HILL AVE |                                             |                             |                                |                      |                         |                    |
| 2   | 40-02-403-029 | 2321 FOREST HILL AVE |                                             |                             |                                |                      |                         |                    |
| 2   | 40-02-403-029 | 2321 FOREST HILL AVE |                                             |                             |                                |                      |                         |                    |
| 3   | 40-02-403-026 | 2401 FOREST HILL AVE | Tire                                        | 1                           |                                |                      |                         |                    |
| 3   | 40-02-403-026 | 2401 FOREST HILL AVE | 12" Tan Floor Tile/Gray Linoleum (2 Layers) | 76 (Room Size is 38 Sq. Ft) | Square feet                    |                      |                         |                    |
| 3   | 40-02-403-026 | 2401 FOREST HILL AVE | Stucco- Rough Textured                      | 452                         | Square feet                    |                      |                         |                    |
| 3   | 40-02-403-026 | 2401 FOREST HILL AVE | Duct Wrap (4 boots/4 runs)                  | 140                         | Square feet                    |                      |                         |                    |
| 3   | 40-02-403-026 | 2401 FOREST HILL AVE | Tan Linoleum/Red Linoleum (2 Layers)        | 18 ( Room Size is 9 Sq. Ft) | Square feet                    |                      |                         |                    |
| 3   | 40-02-403-026 | 2401 FOREST HILL AVE |                                             |                             |                                |                      |                         |                    |
| 3   | 40-02-403-026 | 2401 FOREST HILL AVE |                                             |                             |                                |                      |                         |                    |
| 3   | 40-02-403-026 | 2401 FOREST HILL AVE |                                             |                             |                                |                      |                         |                    |
| 3   | 40-02-403-026 | 2401 FOREST HILL AVE |                                             |                             |                                |                      |                         |                    |
| 4   | 40-02-258-008 | 2514 FOREST HILL AVE | Mercury Thermostat                          | 1                           |                                |                      |                         |                    |
| 4   | 40-02-258-008 | 2514 FOREST HILL AVE | Duct Wrap (3 boots/ 3 runs)                 | 95                          | Square feet                    |                      |                         |                    |
| 4   | 40-02-258-008 | 2514 FOREST HILL AVE |                                             |                             |                                |                      |                         |                    |
| 4   | 40-02-258-008 | 2514 FOREST HILL AVE |                                             |                             |                                |                      |                         |                    |

EXAMPLE ABATEMENT SUMMARY SHEET

| No.             | Parcel ID         | Address                          | Material | Quantity & Units | Quantity Removed by Contractor | Material Destination | Associated Manifest/BOL | Associated Receipt |
|-----------------|-------------------|----------------------------------|----------|------------------|--------------------------------|----------------------|-------------------------|--------------------|
| 5 40-02-401-024 | 2413 HUMBOLDT AVE | Mercury Thermostat               |          | 1                |                                |                      |                         |                    |
| 5 40-02-401-024 | 2413 HUMBOLDT AVE | Tires                            |          | 3                |                                |                      |                         |                    |
| 5 40-02-401-024 | 2413 HUMBOLDT AVE | Tires                            |          | 9                |                                |                      |                         |                    |
| 5 40-02-401-024 | 2413 HUMBOLDT AVE | Duct Wrap (3 boots/4 runs)       |          | 135              | Square feet                    |                      |                         |                    |
| 5 40-02-401-024 | 2413 HUMBOLDT AVE | Duct Wrap                        |          | 2                | Square feet                    |                      |                         |                    |
| 5 40-02-401-024 | 2413 HUMBOLDT AVE |                                  |          |                  |                                |                      |                         |                    |
| 5 40-02-401-024 | 2413 HUMBOLDT AVE |                                  |          |                  |                                |                      |                         |                    |
| 5 40-02-401-024 | 2413 HUMBOLDT AVE |                                  |          |                  |                                |                      |                         |                    |
| 5 40-02-401-024 | 2413 HUMBOLDT AVE |                                  |          |                  |                                |                      |                         |                    |
| 5 40-02-401-024 | 2413 HUMBOLDT AVE |                                  |          |                  |                                |                      |                         |                    |
| 5 40-02-401-024 | 2413 HUMBOLDT AVE |                                  |          |                  |                                |                      |                         |                    |
| 6 40-02-401-018 | 2437 HUMBOLDT AVE | Fluorescent Light                |          | 2- 4' Bulbs      |                                |                      |                         |                    |
| 6 40-02-401-018 | 2437 HUMBOLDT AVE | Fluorescent Light                |          | 1 Ballast        |                                |                      |                         |                    |
| 6 40-02-401-018 | 2437 HUMBOLDT AVE | Fluorescent Light                |          | 2- 4' Bulbs      |                                |                      |                         |                    |
| 6 40-02-401-018 | 2437 HUMBOLDT AVE | Fluorescent Light                |          | 3 Ballasts       |                                |                      |                         |                    |
| 6 40-02-401-018 | 2437 HUMBOLDT AVE | Security Battery                 |          | 1                |                                |                      |                         |                    |
| 6 40-02-401-018 | 2437 HUMBOLDT AVE | Fluorescent Light                |          | 1 Ballast        |                                |                      |                         |                    |
| 6 40-02-401-018 | 2437 HUMBOLDT AVE | Tire                             |          | 1                |                                |                      |                         |                    |
| 6 40-02-401-018 | 2437 HUMBOLDT AVE | Transite Siding                  |          | 1,985            | Square feet                    |                      |                         |                    |
| 6 40-02-401-018 | 2437 HUMBOLDT AVE | Window Caulk (20 Windows)        |          | 10               | Square feet                    |                      |                         |                    |
| 6 40-02-401-018 | 2437 HUMBOLDT AVE | Duct Wrap (3 boots/4 runs)       |          | 135              | Square feet                    |                      |                         |                    |
| 6 40-02-401-018 | 2437 HUMBOLDT AVE | Stucco- Rough Textured           |          | 574              | Square feet                    |                      |                         |                    |
| 6 40-02-401-018 | 2437 HUMBOLDT AVE |                                  |          |                  |                                |                      |                         |                    |
| 6 40-02-401-018 | 2437 HUMBOLDT AVE |                                  |          |                  |                                |                      |                         |                    |
| 6 40-02-401-018 | 2437 HUMBOLDT AVE |                                  |          |                  |                                |                      |                         |                    |
| 6 40-02-401-018 | 2437 HUMBOLDT AVE |                                  |          |                  |                                |                      |                         |                    |
| 6 40-02-401-018 | 2437 HUMBOLDT AVE |                                  |          |                  |                                |                      |                         |                    |
| 7 40-02-182-023 | 2501 HUMBOLDT AVE | Smoke Detector                   |          | 2                |                                |                      |                         |                    |
| 7 40-02-182-023 | 2501 HUMBOLDT AVE | Smoke Detector                   |          | 1                |                                |                      |                         |                    |
| 7 40-02-182-023 | 2501 HUMBOLDT AVE | Smoke Detector                   |          | 1                |                                |                      |                         |                    |
| 7 40-02-182-023 | 2501 HUMBOLDT AVE | Duct Wrap (10 boots/4 runs)      |          | 170              | Square feet                    |                      |                         |                    |
| 7 40-02-182-023 | 2501 HUMBOLDT AVE | 9" Gray Multi-Colored Floor Tile |          | 452              | Square feet                    |                      |                         |                    |
| 7 40-02-182-023 | 2501 HUMBOLDT AVE |                                  |          |                  |                                |                      |                         |                    |
| 7 40-02-182-023 | 2501 HUMBOLDT AVE |                                  |          |                  |                                |                      |                         |                    |
| 7 40-02-182-023 | 2501 HUMBOLDT AVE |                                  |          |                  |                                |                      |                         |                    |
| 7 40-02-182-023 | 2501 HUMBOLDT AVE |                                  |          |                  |                                |                      |                         |                    |

Ensure each indicated Manifest/BOL and Receipt are attached to individual payment requests.

## **APPENDIX 7 – EXAMPLE BACKFILL & TOP SOIL SAMPLING AND CERTIFICATION FORMS**



DATE

**CONTRACT ADMINISTRATOR**

**Genesee County Land Bank Authority**

452 S. Saginaw Street, 2<sup>nd</sup> Floor

Flint, Michigan 48502

**Subject:** TYPE OF MATERIAL Certification

LOCATION OF MATERIAL

ADDRESS

CITY, Michigan ZIP CODE

Dear **CONTRACT ADMINISTRATOR,**

As outlined in Appendix 1B, Section 300.2 of the Contract Documents for the **NAME OF BID** specs, **COMPANY NAME** is providing this certification to the Genesee County Land Bank Authority (GCLBA) for **TYPE OF MATERIAL** material being transported from the **MATERIAL LOCATION**. In accordance with the Contract Documents, I certify that the backfill **TYPE OF MATERIAL** material is from the following source site Category:

- ☐ Category 1: Virgin (Native) Commercial Borrow and Sand/Gravel Pit Sites
- ☐ Category 2: Commercial, Utility, and Road Construction Sites; Commercial Landscape Yards, and Agricultural Sites
- ☐ Category 3: Industrial, Dredge Sites, Known Sites of Environmental Contamination (Gas Stations, Dry Cleaners, etc.), and Other.

**COMPANY NAME** certifies the following: (1) that no evidence of known or suspected sources of environmental contamination which may have impacted the proposed backfill materials has been identified; (2) that the backfill materials at this location are from a native soil source or other eligible source; (3) that the backfill materials are homogeneous in nature, consisting of the proper percentages of sand, silt, and clay; (4) that the material is free from debris, including large rocks, concrete, or other conditions; and (5) that the soil meets the backfill specifications as described in the Contract Documents.

**COMPANY NAME** certifies that all information submitted in the attached documents is complete and accurate, and that the soil samples were collected by a qualified and knowledgeable individual, samples were collected and analyzed in accordance with methods approved by the USEPA SW-846 and/or MDEQ PA 201, and that the soil samples are representative of the entire material proposed for use at the Authority's properties.

By signing this document, I authorize representatives of the Authority to conduct random visits of the source sites/material locations for inspection, and collection of soil samples for independent testing.

Sincerely,

**COMPANY NAME**

**COMPANY REPRESENTATIVE**

**TITLE**

# Topsoil Material Certification Form

Company: \_\_\_\_\_

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

Soil Type and Category per Section 300 Part 2: \_\_\_\_\_

- ☐ Category 1 Material (Virgin Borrow Source)    ☐ Category 2 Material (Agric. / Const. Sites, Amended Topsoil)    ☐ Category 3 Material (Other Sites) (not accepted without approval)

For Cat. 2 Sites identify the total yardage of the source material \_\_\_\_\_

Is topsoil material amended? Describe: \_\_\_\_\_

Soil Location (Name, address): \_\_\_\_\_

Sampler(s) Name/Contact Information: \_\_\_\_\_

Sample Collection Date(s): \_\_\_\_\_

Analytical Testing Firm(s): \_\_\_\_\_

Indicate in following table whether topsoil material meets acceptable range per material type:

| Parameter                                 | Acceptable Range | Topsoil Results |
|-------------------------------------------|------------------|-----------------|
| pH                                        | 5.5-8.5          |                 |
| % Organic Matter                          | ≥2% to ≤ 25%     |                 |
| Texture Class                             | SM               |                 |
| Environmental Testing (VOCs, SVOCs, PCBs) | <TDL             |                 |
| Environmental Testing                     | <GRCC            |                 |

Notes:

Environmental Testing Parameters – Volatile Organic Compounds; Semi-Volatile Organic Compounds; Polychlorinated Biphenyls; Metals: arsenic, barium, cadmium, copper, lead, mercury, selenium, silver, zinc  
TDL – Target Detection Limit (Please note any detection in laboratory report for further evaluation by Authority)  
GRCC – Generic Residential Cleanup Criteria published by the Michigan Department of Environmental Quality

## Attachments:

- ☐ Sample Location Map/Aerial Photograph  
☐ Laboratory Analytical Results  
☐ Certification Letter

| For GCLBA/GCLBA's Representative Use Only      |                                                                    |
|------------------------------------------------|--------------------------------------------------------------------|
| <input type="checkbox"/>                       | Not Approved                                                       |
| <input type="checkbox"/>                       | Approved                                                           |
| <input type="checkbox"/>                       | Approved with the following considerations: _____<br>_____         |
| <input type="checkbox"/>                       | Category 1 Material, Certification Expires:                        |
| <input type="checkbox"/>                       | Category 2 Material, Certification Approved for: _____ cubic yards |
| Reviewed By: _____ Date: _____<br>Title: _____ |                                                                    |

# General Backfill Material Certification Form

Company: \_\_\_\_\_

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

Soil Type and Category per Section 300 Part 2: \_\_\_\_\_

- ☐ Category 1 Material (Virgin Borrow Source)    ☐ Category 2 Material (Agric. / Const. Sites)    ☐ Category 3 Material (Other Sites)  
(not accepted without approval)

For Cat. 2 Sites identify the total yardage of the source material \_\_\_\_\_

Soil Location, Name, Address: \_\_\_\_\_

Sampler(s) Name/Contact Information: \_\_\_\_\_

Sample Collection Date: \_\_\_\_\_

Analytical Testing Firm(S): \_\_\_\_\_

Indicate in following table whether topsoil material meets acceptable range per material type:

| Parameter                                 | Acceptable Range | General Backfill Results |
|-------------------------------------------|------------------|--------------------------|
| Environmental Testing (VOCs, SVOCs, PCBs) | <TDL             |                          |
| Environmental Testing                     | <GRCC            |                          |

Notes:

Environmental Testing Parameters – Volatile Organic Compounds; Semi-Volatile Organic Compounds; Polychlorinated Biphenyls; Metals: arsenic, barium, cadmium, copper, lead, mercury, selenium, silver, zinc  
TDL – Target Detection Limit (Please note any detection in laboratory report for further evaluation by Authority)  
GRCC – Generic Residential Cleanup Criteria published by the Michigan Department of Environmental Quality

## Attachments:

- ☐ Sample Location Map/Aerial Photograph  
☐ Laboratory Analytical Results  
☐ Certification Letter

| For GCLBA/GCLBA's Representative Use Only      |                                                                    |
|------------------------------------------------|--------------------------------------------------------------------|
| <input type="checkbox"/>                       | Not Approved                                                       |
| <input type="checkbox"/>                       | Approved                                                           |
| <input type="checkbox"/>                       | Approved with the following considerations: _____<br>_____         |
| <input type="checkbox"/>                       | Category 1 Material, Certification Expires:                        |
| <input type="checkbox"/>                       | Category 2 Material, Certification Approved for: _____ cubic yards |
| Reviewed By: _____ Date: _____<br>Title: _____ |                                                                    |

## **APPENDIX 8 – EVALUATION CRITERIA & SCORING**

**EVALUATION CRITERIA AND SCORING – Regular Bid Packets – Demolition & Abatement**

The GCLBA will evaluate the four lowest cost proposals received and identify the submittals that are the most responsive, responsible and offer the best service to the GCLBA. Additional proposals will only be evaluated in the event that the award is not made to one of the four lowest cost proposals. The GCLBA will consider Bidder qualifications, financial viability, project references, experience with comparable projects, and projects with concurrent timelines. Specifically, each RFP response package will be reviewed based on the following selection criteria:

**A. PROPOSAL/EVALUATION CRITERIA:**

| <b>Evaluation Factors</b>                                                                                                                                                                                         | <b>Maximum Points</b> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| <b>Ability to Meet Production Goals within Timelines</b><br>The bidder's demonstration of understanding of scope of work, readiness to proceed and capacity to complete work assigned within timeframes required. | 42*                   |
| <b>HUD Section 3</b><br>Contractor provides letter from the City of Flint certifying them as a Section 3 Business Concern                                                                                         | 8                     |
| <b>Price</b><br>The ability to demonstrate reasonable costs in performing scope of work identified in the RFP.                                                                                                    | 50                    |

\* Up to twenty (20) points may be deducted when evaluating Contractor capacity. GCLBA staff will consider past experience with Contractor's response to issues and complaints, including the timeframe in which the Contractor responded to identified issues and where Contractor performed substandard work (work performed by Contractor or Contractor's subcontractors that did not meet bid specifications) on any previous GCLBA projects.

| <b>LIST #</b> | <b>Evaluation Score</b> | <b>+ Pricing Score</b> | <b>= Total Score</b> |
|---------------|-------------------------|------------------------|----------------------|
|               |                         |                        |                      |
|               |                         |                        |                      |

**APPENDIX – 8 – EVALUATION  
CRITERIA & SCORING**

**Contractor:** \_\_\_\_\_

**Bid #:** \_\_\_\_\_

**Ability to Meet Production Goals within Timelines – Demo & Abate**

1. **Experience** in the appropriate scope of work as outlined in the RFP. (6 points)

|                                                                                                                      |          |
|----------------------------------------------------------------------------------------------------------------------|----------|
| <b>Five (5) to nine (9)</b> years of experience in the demolition and disposal of residential/commercial structures. | 4 Points |
| <b>Ten (10) or more</b> years of experience in the demolition and disposal of residential/commercial structures.     | 6 Points |

2. **Capacity – Part 1:** Number of completed projects under the appropriate scope as outlined in the RFP that the firm could provide to the GCLBA **on a weekly basis** *(If they do not have the required equipment are they subcontracting with a company/individual that has the required qualifications).* (20 points)

|                                                                                                                                                                                                                                                                                         |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Capacity and experience to complete <b>ten (10)</b> projects under the scope as stated in the RFP response and demonstrated through GCLBA past experience with Contractor and/or as confirmed through a reference check with provided references.                                       | 4 Points  |
| Capacity and experience to complete <b>eleven (11) to fifteen (15)</b> projects under the scope as stated in the RFP response and demonstrated through GCLBA past experience with Contractor and/or as confirmed through a reference check with provided references.                    | 8 Points  |
| Capacity and experience to complete <b>sixteen (16) to twenty (20)</b> projects under the scope as stated in the RFP response and demonstrated through GCLBA past experience with Contractor and/or as confirmed through a reference check with provided references.                    | 12 Points |
| Capacity and experience to complete <b>twenty-one (21) to twenty-five (25)</b> demolition projects under the scope as stated in the RFP response and demonstrated through GCLBA past experience with Contractor and/or as confirmed through a reference check with provided references. | 16 Points |
| Capacity and experience to complete <b>twenty-six (26) or more</b> demolition projects under the scope as stated in the RFP response and demonstrated through GCLBA past experience with Contractor and/or as confirmed through a reference check with provided references.             | 20 Points |

**APPENDIX – 8 – EVALUATION  
CRITERIA & SCORING**

**Contractor:** \_\_\_\_\_

**Bid #:** \_\_\_\_\_

**3. Capacity – Part 2: Up to twenty (20) points may be deducted when evaluating Contractor capacity.**

GCLBA staff will consider past experience with Contractor's response to issues and complaints, including the timeframe in which the Contractor responded to identified issues and where Contractor performed substandard work (work performed by Contractor or Contractor's subcontractors that did not meet bid specifications) on any GCLBA projects within the past 1 year.

|                                                                                                                                                                                                                                            |                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Contractor has no documented outstanding or unresolved issues as outlined below:                                                                                                                                                           | Deduct 0 Points   |
| Contractor currently has outstanding/unresolved issues and/or complaints on any GCLBA projects. (Deduct exists until issue is resolved)                                                                                                    | Deduct 5 Points*  |
| Contractor took more than ten business days to respond and/or demonstrated a lack of response to and GCLBA and/or neighbor complaints and/or issues. (Deduct expires 1 year from the date GCLBA approves issue resolution)                 | Deduct 5 Points*  |
| Contractor performed substandard work (work performed by Contractor or Contractor's subcontractors that did not meet bid specifications) on previous GCLBA projects. (Deduct expires 1 year from the date GCLBA approves issue resolution) | Deduct 10 Points* |

**\*Attach the record of above described instances.**

**4. Demonstrated understanding of the scope of work (16 points) – Threshold Requirements**

|                                                                                                                                                        |                                                                                                                                   |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------|
| RFP submitted was complete and included all of the required submittal documentation & signatures (points removed for missing or incorrect information. |                                                                                                                                   | Up to 5 Points |
| Required (Y/N)                                                                                                                                         | Additional State Licenses and/MBWE/or certification included<br><b>(No additional points awarded if required for the project)</b> | Up to 5 points |
| N                                                                                                                                                      | MBWE (2 points)                                                                                                                   |                |
| Y                                                                                                                                                      | Asbestos Abatement Licenses (1 Point)                                                                                             |                |
| Y                                                                                                                                                      | HAZWOPER Certification (1 Point)                                                                                                  |                |
|                                                                                                                                                        | Lead Awareness/EPA Lead (1 Point)                                                                                                 |                |
|                                                                                                                                                        | City of Flint Sidewalk Licensed Contractor (1 Point)                                                                              |                |
|                                                                                                                                                        | Storm Water Management Certifications (1 Point)                                                                                   |                |
| Y                                                                                                                                                      | Tire Hauler Registration (1 Point)                                                                                                |                |
|                                                                                                                                                        | Other additional license or certification deemed relevant to the bid (1 Point). List:                                             |                |

**APPENDIX – 8 – EVALUATION  
CRITERIA & SCORING**

**Contractor:** \_\_\_\_\_

**Bid #:** \_\_\_\_\_

**Demonstrated understanding of the scope of work (Continued)**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| <p><b>References:</b> Has contractor held contracts with GCLBA in the past 3 years?<br/><b>No= See A below; Yes = See C below</b></p> <p>A. If contractor has not held a contact with GCLBA in the past 3 years, are references and projects provided for a similar time frame similar/appropriate?<br/><b>(No = 0 points; Yes = See B below)</b></p> <p>B. Does a sample of project contacts provide a reference noting the contract was completed on time, on budget and without complaints?<br/><b>(No = 0 points; Yes = 2 points)</b></p> <p>C. If contractor has held contracts with GCLBA in past 3 years, was the work completed on time, on budget, and without complaints? <b>( No = 0 points; Yes = 2 points)</b></p> | <p>Up to 2<br/>Points</p> |
| <p><b>Capacity: Does the contractor and subcontractor (as applicable) have commitments to other projects that will compete with this project? (No = 4 points, Yes = see below)</b></p> <p>A. Does contractor have commitments that will compete with this project and delay implementation?<br/>             a. <b>Yes = 0 Points</b><br/>             b. <b>No = 2 points (No competing projects)</b></p> <p>B. Does subcontractor have commitments that will compete with this project and delay implementation?<br/>             a. <b>Yes = 0 Points</b><br/>             b. <b>No = 2 points (No competing projects)</b></p>                                                                                               | <p>Up to 4<br/>points</p> |

**5. Threshold Requirements**

Does contractor have the minimum required licenses and certifications to complete the project in compliance with necessary rules and regulations?

- |                                                                                          |            |            |           |
|------------------------------------------------------------------------------------------|------------|------------|-----------|
| • Asbestos Abatement License for Company:                                                | <b>N/A</b> | <b>YES</b> | <b>NO</b> |
| • Asbestos Supervisor Licenses for employees:                                            | <b>N/A</b> | <b>YES</b> | <b>NO</b> |
| • Michigan Builders License or Maintenance and Alterations license with House Wrecking * | <b>N/A</b> | <b>YES</b> | <b>NO</b> |
| • OSHA 40-hour Hazardous Waste Operations Certification (HAZWOPER)                       | <b>N/A</b> | <b>YES</b> | <b>NO</b> |
| • Tire Hauler's License                                                                  | <b>N/A</b> | <b>YES</b> | <b>NO</b> |

Does contractor have the financial capacity to complete the project in compliance with necessary rules and regulations?

**N/A    YES    NO**

Does the firm have **adequate staffing** to complete the required number of projects stated in their proposal **on a weekly basis** (If not, are they subcontracting with a company/individual that has the required qualifications?)

**N/A    YES    NO**

Does the firm have **adequate equipment and licensing** to complete the required number of projects stated in their proposal **on a weekly basis** (If not, are they subcontracting with a company/individual that has the required qualifications?)

**N/A    YES    NO**

**If the answer to the above questions is “No” then submission is to be considered NON-RESPONSIVE.**



**Evaluating Pricing Proposal – Regular Bid Packets**

Pricing will be evaluated and scored as follows:

The maximum points allowable (50) will be divided by the number of eligible responding bidders. The lowest responsive bidder will receive the maximum points (50). The next lowest responsive bidder will receive the maximum points (50) less the quotient of 50 divided by the number of eligible responding bidders. Each eligible bidder will be awarded pricing points based on the points awarded to the bidder with the closest bid price without exceeding the bid in question, less the quotient. For example, if there are four (4) eligible responsive bids, pricing points will be awarded as follows:

| Bidder   | Bid Price   | Bid Ranking | Pricing Score |
|----------|-------------|-------------|---------------|
| Bidder A | \$10,000.00 | 3           | 25            |
| Bidder B | \$9,500.00  | 1           | 50            |
| Bidder C | \$12,500.00 | 4           | 12.5          |
| Bidder D | \$9,850.00  | 2           | 37.5          |

To achieve the Pricing Score, divide the maximum points possible by the number of eligible bidders:  $50/4=12.5$ . Then subtract the quotient from the score of the previous bidder subsequently.

- Bidder B, as lowest responsive bid will receive fifty (50) points for pricing.
- Bidder D, as next lowest responsive bid will receive 37.5 points for pricing ( $50-12.5=37.5$ )
- Bidder A, as next lowest responsive bid after D, will receive 25 points for pricing ( $37.5-12.5=25$ )
- Bidder C, as the as next lowest responsive bid after A, will receive 12.5 points for pricing ( $25-12.5=12.5$ )

A quotient will be rounded to the nearest tenth of a decimal for subtraction purposes. Should two or more eligible bidders have the same pricing, they shall receive the same scoring depending on where they fall in the formula (i.e. should Bidder D and Bidder A in the example above both bid \$9,850.00, they both would have been awarded 37.5 points [ $50-12.5=37.5$ ]. Bidder C would then have received 25 points.)

In the event that the highest scoring Bidders' total scores are within a 5 point spread of one another, GCLBA reserves the right to award the contract to the Bidder with the most advantageous pricing proposal at its discretion.

**SELECTION PROCESS**

The Selection Committee comprised of GCLBA staff will review qualifications in accordance with the evaluation criteria set forth herein and Hardest Hit Fund Program objectives and policies. Proposals that are submitted on time and comply with the mandatory requirements of the RFP will be evaluated in accordance with the terms of the RFP. Any contract resulting from this RFP will not necessarily be awarded to the vendor with the lowest price. Instead, contract(s) shall be awarded to vendor(s) whose proposal(s) is the most responsive, responsible and offers the best service to the GCLBA in accordance with criteria set forth in RFP.

## APPENDIX 9

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- 9-A – EXAMPLE OF DEMOLITION CONTRACTOR INVOICE
- 9-B - EXAMPLE OF ABATEMENT SUBCONTRACTOR INVOICE

## FOR SINGLE FUND

| EXAMPLE DEMO AND ABATE INVOICE                                                              |               |                 |      |             | Company  Demolition |                                                                  |             |                                               |                     |                    |                             |                                                     |                          |             |
|---------------------------------------------------------------------------------------------|---------------|-----------------|------|-------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------------|-----------------------------------------------|---------------------|--------------------|-----------------------------|-----------------------------------------------------|--------------------------|-------------|
| Bill to: Genesee County Land Bank Authority<br>S. Saginaw St., 2nd Floor<br>Flint, MI 48502 |               |                 |      |             | 452                                                                                                    | 123 Example St.<br>Flint, MI 48502<br>Phone Number (123)456-7890 |             |                                               |                     |                    |                             | Project: 16-1222 Bid List 2 HHFX<br>Invoice # 11443 |                          |             |
| No.                                                                                         | PID           | Property Number | Dir. | Street      | Group No.                                                                                              | HHF Funding                                                      | Demolition  | Greening (Backfill, Final Grade/Seed & Mulch) | Hazardous Abatement | Asbestos Abatement | Cost Increase Change Orders | Reduction Change Order                              | Change Order Description | Total       |
| 1                                                                                           | 46-XX-XXX-XXX | 123             | E.   | Main Street | X                                                                                                      | HHF 4                                                            | \$5,000.00  | \$1,500.00                                    | \$200.00            | \$2,598.00         | \$0.00                      | \$0.00                                              |                          | \$9,298.00  |
| 2                                                                                           | 46-XX-XXX-XXX | 124             | E.   | Main Street | X                                                                                                      | HHF 4                                                            | \$6,000.00  | \$1,500.00                                    | \$150.00            | \$1,984.00         | \$0.00                      | \$0.00                                              |                          | \$9,634.00  |
| 3                                                                                           | 46-XX-XXX-XXX | 125             | E.   | Main Street | X                                                                                                      | HHF 4                                                            | \$7,000.00  | \$1,500.00                                    | \$100.00            | \$2,498.00         | \$0.00                      | \$0.00                                              |                          | \$11,098.00 |
| 4                                                                                           | 46-XX-XXX-XXX | 126             | E.   | Main Street | X                                                                                                      | HHF 4                                                            | \$5,000.00  | \$1,500.00                                    | \$300.00            | \$1,439.00         | \$0.00                      | \$0.00                                              |                          | \$8,239.00  |
| 5                                                                                           | 46-XX-XXX-XXX | 127             | E.   | Main Street | X                                                                                                      | HHF 4                                                            | \$7,000.00  | \$1,500.00                                    | \$125.00            | \$874.00           | \$0.00                      | \$0.00                                              |                          | \$9,499.00  |
|                                                                                             |               |                 |      |             |                                                                                                        | HHF4 Sub Total                                                   | \$30,000.00 | \$7,500.00                                    | \$875.00            | \$9,393.00         | \$0.00                      | \$0.00                                              | Total HHF4 Amount        | \$47,768.00 |

## APPENDIX 9A

Company  Demolition  
 123 Example St.  
 Flint, MI 48502  
 Phone Number: (123)456-7890

Project: 016-1222 Bid List 2 HHF#  
 Invoice # 11443

Bill To: Genesee County Land Bank Authority  
 452 S. Saginaw St., 2<sup>nd</sup> Floor  
 Flint, MI 48502

### EXAMPLE - DEMOLITION CONTRACTOR INVOICE

| No.    | PID           | Property Number | Dir. | Street      | Bid Group | HHF Funding | Demolition  | Greening (Backfill, Final Grade/Seed & Mulch) | Cost Increase Change Orders | Cost Reduction Change Orders | Change Order Description | Total       |
|--------|---------------|-----------------|------|-------------|-----------|-------------|-------------|-----------------------------------------------|-----------------------------|------------------------------|--------------------------|-------------|
| 1      | 46-XX-XXX-XXX | 123             | E.   | Main Street | X         | HHF #       | \$5,000.00  | \$1,500.00                                    | \$0.00                      | \$0.00                       |                          | \$6,500.00  |
| 2      | 46-XX-XXX-XXX | 124             | E.   | Main Street | X         | HHF #       | \$6,000.00  | \$1,500.00                                    | \$0.00                      | \$0.00                       |                          | \$7,500.00  |
| 3      | 46-XX-XXX-XXX | 125             | E.   | Main Street | X         | HHF #       | \$7,000.00  | \$1,500.00                                    | \$0.00                      | \$0.00                       |                          | \$8,500.00  |
| 4      | 46-XX-XXX-XXX | 126             | E.   | Main Street | X         | HHF #       | \$5,000.00  | \$1,500.00                                    | \$0.00                      | -\$300.00                    | Demolition               | \$6,200.00  |
| 5      | 46-XX-XXX-XXX | 127             | E.   | Main Street | X         | HHF #       | \$7,000.00  | \$1,500.00                                    | \$0.00                      | \$0.00                       |                          | \$8,500.00  |
| 6      | 46-XX-XXX-XXX | 128             | E.   | Main Street | X         | HHF #       | \$6,000.00  | \$1,500.00                                    | \$1,330.00                  | \$0.00                       | Demolition               | \$8,830.00  |
| 7      | 46-XX-XXX-XXX | 129             | E.   | Main Street | X         | HHF #       | \$7,000.00  | \$1,500.00                                    | \$0.00                      | \$0.00                       |                          | \$8,500.00  |
| 8      | 46-XX-XXX-XXX | 130             | E.   | Main Street | X         | HHF #       | \$5,000.00  | \$1,500.00                                    | \$0.00                      | \$0.00                       |                          | \$6,500.00  |
| 9      | 46-XX-XXX-XXX | 131             | E.   | Main Street | X         | HHF #       | \$5,000.00  | \$1,500.00                                    | \$0.00                      | \$0.00                       |                          | \$6,500.00  |
| 10     | 46-XX-XXX-XXX | 132             | E.   | Main Street | X         | HHF #       | \$6,000.00  | \$1,500.00                                    | \$0.00                      | \$0.00                       |                          | \$7,500.00  |
| Totals |               |                 |      |             |           |             | \$59,000.00 | \$15,000.00                                   | \$1,330.00                  | -\$300.00                    | Total Invoice Amount     | \$75,030.00 |

## APPENDIX 9A

Company  Demolition  
 123 Example St.  
 Flint, MI 48502  
 Phone Number: (123)456-7890

Project: 016-1222 Bid List 2 HHF#  
 Invoice # 11443

Bill To: Genesee County Land Bank Authority  
 452 S. Saginaw St., 2<sup>nd</sup> Floor  
 Flint, MI 48502

### EXAMPLE - DEMOLITION CONTRACTOR INVOICE

| EXAMPLE FOR WINTER-GRADE |               |                 |      |             |           |             |             |                                               |                             |                              |                          |              |             |
|--------------------------|---------------|-----------------|------|-------------|-----------|-------------|-------------|-----------------------------------------------|-----------------------------|------------------------------|--------------------------|--------------|-------------|
| No.                      | PID           | Property Number | Dir. | Street      | Bid Group | HHF Funding | Demolition  | Greening (Backfill, Final Grade/Seed & Mulch) | Cost Increase Change Orders | Cost Reduction Change Orders | Change Order Description | Winter-grade | Total       |
| 1                        | 46-XX-XXX-XXX | 123             | E.   | Main Street | X         | HHF #       | \$5,000.00  | \$1,500.00                                    | \$0.00                      | \$0.00                       |                          | -\$640.00    | \$6,500.00  |
| 2                        | 46-XX-XXX-XXX | 124             | E.   | Main Street | X         | HHF #       | \$6,000.00  | \$1,500.00                                    | \$0.00                      | \$0.00                       |                          | -\$640.00    | \$7,500.00  |
| 3                        | 46-XX-XXX-XXX | 125             | E.   | Main Street | X         | HHF #       | \$7,000.00  | \$1,500.00                                    | \$0.00                      | \$0.00                       |                          | -\$640.00    | \$8,500.00  |
| 4                        | 46-XX-XXX-XXX | 126             | E.   | Main Street | X         | HHF #       | \$5,000.00  | \$1,500.00                                    | \$0.00                      | -\$300.00                    | Demolition               | -\$640.00    | \$6,200.00  |
| 5                        | 46-XX-XXX-XXX | 127             | E.   | Main Street | X         | HHF #       | \$7,000.00  | \$1,500.00                                    | \$0.00                      | \$0.00                       |                          | -\$640.00    | \$8,500.00  |
| 6                        | 46-XX-XXX-XXX | 128             | E.   | Main Street | X         | HHF #       | \$6,000.00  | \$1,500.00                                    | \$1,330.00                  | \$0.00                       | Demolition               | -\$640.00    | \$8,830.00  |
| 7                        | 46-XX-XXX-XXX | 129             | E.   | Main Street | X         | HHF #       | \$7,000.00  | \$1,500.00                                    | \$0.00                      | \$0.00                       |                          | -\$640.00    | \$8,500.00  |
| 8                        | 46-XX-XXX-XXX | 130             | E.   | Main Street | X         | HHF #       | \$5,000.00  | \$1,500.00                                    | \$0.00                      | \$0.00                       |                          | -\$640.00    | \$6,500.00  |
| 9                        | 46-XX-XXX-XXX | 131             | E.   | Main Street | X         | HHF #       | \$5,000.00  | \$1,500.00                                    | \$0.00                      | \$0.00                       |                          | -\$640.00    | \$6,500.00  |
| 10                       | 46-XX-XXX-XXX | 132             | E.   | Main Street | X         | HHF #       | \$6,000.00  | \$1,500.00                                    | \$0.00                      | \$0.00                       |                          | -\$640.00    | \$7,500.00  |
| Totals                   |               |                 |      |             |           |             | \$59,000.00 | \$15,000.00                                   | \$1,330.00                  | -\$300.00                    |                          | -\$6,400.00  | \$68,630.00 |

# APPENDIX 9B

Company  Abatement  
 123 Example St.  
 Flint, MI 48502  
 Phone Number: (123)456-7890

Project: 016-1222 Bid List 2 HHF#  
 Invoice # 11443

Bill To: Genesee County Land Bank Authority  
 452 S. Saginaw St., 2<sup>nd</sup> Floor  
 Flint, MI 48502

## EXAMPLE – ABATEMENT SUBCONTRACTOR INVOICE

| No.    | PID           | Property Number | Dir. | Street      | Bid Group | HHF Fund | Asbestos    | Hazardous  | Tires   | Mobilization | Cost Increase Change Orders | Cost Reduction Change Orders | Change Order Description | Total       |
|--------|---------------|-----------------|------|-------------|-----------|----------|-------------|------------|---------|--------------|-----------------------------|------------------------------|--------------------------|-------------|
| 1      | 46-XX-XXX-XXX | 123             | E.   | Main Street | X         | HHF #    | \$2,344.00  | \$254.00   | \$0.00  | \$275.00     | \$0.00                      | \$0.00                       |                          | \$2,873.00  |
| 2      | 46-XX-XXX-XXX | 124             | E.   | Main Street | X         | HHF #    | \$1,524.00  | \$452.00   | \$8.00  | \$275.00     | \$0.00                      | \$0.00                       |                          | \$2,259.00  |
| 3      | 46-XX-XXX-XXX | 125             | E.   | Main Street | X         | HHF #    | \$2,365.00  | \$125.00   | \$8.00  | \$275.00     | \$0.00                      | \$0.00                       |                          | \$2,773.00  |
| 4      | 46-XX-XXX-XXX | 126             | E.   | Main Street | X         | HHF #    | \$1,123.00  | \$300.00   | \$16.00 | \$275.00     | \$0.00                      | -\$300.00                    | Hazardous                | \$1,414.00  |
| 5      | 46-XX-XXX-XXX | 127             | E.   | Main Street | X         | HHF #    | \$850.00    | \$0.00     | \$24.00 | \$275.00     | \$0.00                      | \$0.00                       |                          | \$1,149.00  |
| 6      | 46-XX-XXX-XXX | 128             | E.   | Main Street | X         | HHF #    | \$7,880.00  | \$250.00   | \$8.00  | \$275.00     | \$1,330.00                  | \$0.00                       | Asbestos                 | \$9,743.00  |
| 7      | 46-XX-XXX-XXX | 129             | E.   | Main Street | X         | HHF #    | \$1,254.00  | \$125.00   | \$8.00  | \$275.00     | \$24.00                     | \$0.00                       | Tires                    | \$1,686.00  |
| 8      | 46-XX-XXX-XXX | 130             | E.   | Main Street | X         | HHF #    | \$1,442.00  | \$365.00   | \$0.00  | \$275.00     | \$0.00                      | \$0.00                       |                          | \$2,082.00  |
| 9      | 46-XX-XXX-XXX | 131             | E.   | Main Street | X         | HHF #    | \$3,650.00  | \$125.00   | \$0.00  | \$275.00     | \$0.00                      | \$0.00                       |                          | \$4,050.00  |
| 10     | 46-XX-XXX-XXX | 132             | E.   | Main Street | X         | HHF #    | \$1,254.00  | \$0.00     | \$8.00  | \$0.00       | \$275.00                    | \$0.00                       | Mobilization             | \$1,537.00  |
| Totals |               |                 |      |             |           |          | \$23,686.00 | \$1,996.00 | \$80.00 | \$2,475.00   | \$1,629.00                  | -\$300.00                    | Total Invoice Cost       | \$29,566.00 |

# APPENDIX 10

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- APPENDIX 10 - GCLBA DOOR HANGER

## APPENDIX 10 - GCLBA Door Hanger



### DEMOLITION IN AREA

Within the next few weeks, demolition will begin at:

#### FOR YOUR SAFETY

- Keep children & pets inside & close doors & windows to minimize dust exposure during demo
- After demo, use soapy water to wipe down floors, windows & dusty areas inside & out
- Do not touch debris from demolition
- Wash hands regularly, especially before eating

#### PLEASE CALL IF YOU SEE...

- Demolition without the use of water spray
- Anyone illegally dumping on the property
- Open holes or debris left for 48 hrs. or more
- Any other demolition concerns

To learn more about the Land Bank's demolition program go to: [www.thelandbank.org](http://www.thelandbank.org) or call:

**810-257-3088**



**FOR YOUR SAFETY, LIMIT CONTACT WITH DUST & DEBRIS FROM DEMOLITION.**

The Land Bank takes the following steps to ensure that demolitions are conducted safely and with minimal risk or inconvenience to nearby residents

#### Asbestos & Hazardous Material:

Contractors take precautions to remove and mitigate health hazards.

**Dust Control:** Houses are sprayed with water during demolition to keep dust down and prevent it from spreading.

**Accountability:** Contractors caught violating demolition requirements will be held accountable. Call 810-257-3088 to report any problems.

#### PLEASE HELP US MAINTAIN LOTS AFTER DEMOLITION

If you are interested in adopting, leasing, or purchasing a lot after demolition, call us at:

**810-257-3088**

**PARKING & DRIVING ON LOTS IS NOT PERMITTED. VIOLATORS MAY BE TICKETED & TOWED.**



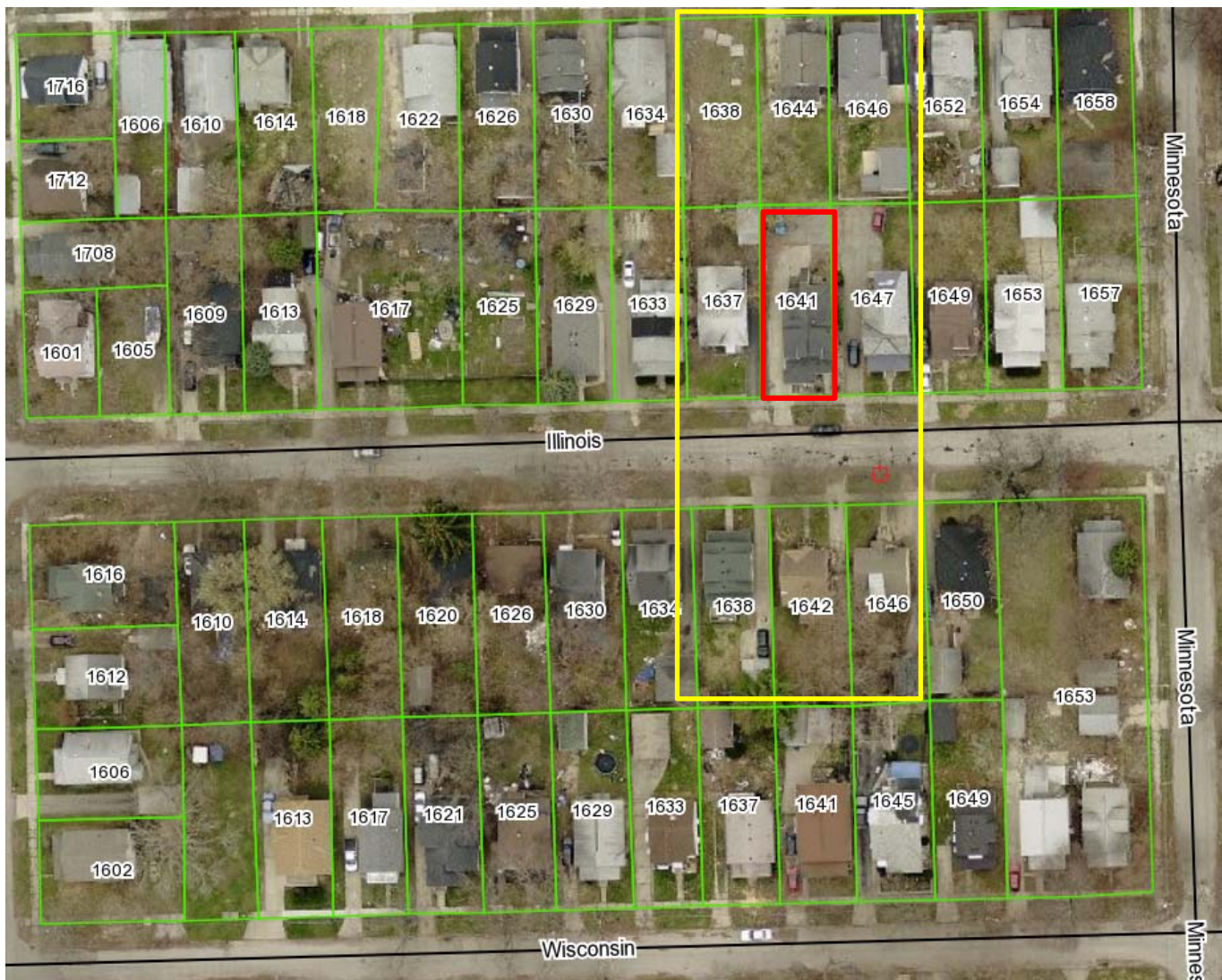
## APPENDIX 10

### Demolition Map – Example of where to place door hangers

Below is an example of where the GCLBA Demolition Door Hangers need to be placed

House being demolished

Area where door hangers should be placed



# APPENDIX 11

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- 11 - GENESEE COUNTY LAND BANK PRE-ABATEMENT WALKTHROUGH
- 11 - GENESEE COUNTY LAND BANK PRE-DEMO WALKTHROUGH



452 S. Saginaw, Second Floor, Flint, MI 48502, 810-257-3088

## GENESEE COUNTY LAND BANK PRE-ABATEMENT WALKTHROUGH

|                        |                              |
|------------------------|------------------------------|
| Date:                  |                              |
| Project Name/Contract: |                              |
| Site Address:          |                              |
| Contractor:            |                              |
| Site Supervisor:       | Number of Employees on Site: |

| Description                                                                          | YES | NO |
|--------------------------------------------------------------------------------------|-----|----|
| Environmental Survey ACM identified/verified                                         |     |    |
| Environmental Survey HAZ identified/verified                                         |     |    |
| <u>Additional ACM Identified(document)</u>                                           |     |    |
| <u>Additional HAZ Identified(document)</u>                                           |     |    |
| <u>Any additional Issue affecting demolition (explain how issue will be handled)</u> |     |    |

Note: Additional ACM or HAZ materials found on site constitute a GCLBA Stop Work Order  
Please contact the Genesee County Land Bank immediately.

I hereby certify that I have conducted a pre-abatement survey of the property listed above and confirm that no additional asbestos or hazardous materials were found during this process.

Signature

Date



452 S. Saginaw, Second Floor, Flint, MI 48502, 810-257-3088

## GENESEE COUNTY LAND BANK PRE-DEMOLITION WALK THROUGH

|                        |                              |
|------------------------|------------------------------|
| Date:                  |                              |
| Project Name/Contract: |                              |
| Site Address:          |                              |
| Contractor:            |                              |
| Site Supervisor:       | Number of Employees on Site: |

| Description                                                                          | YES | NO |
|--------------------------------------------------------------------------------------|-----|----|
| Environmental Survey ACM abated verified                                             |     |    |
| Environmental Survey HAZ abated verified                                             |     |    |
| <u>Additional ACM Identified(document)</u>                                           |     |    |
| <u>Additional HAZ Identified(document)</u>                                           |     |    |
| <u>Any additional Issue affecting demolition (explain how issue will be handled)</u> |     |    |

Note: Additional ACM or HAZ materials found on site constitute a GCLBA Stop Work Order  
Please contact the Genesee County Land Bank immediately.

I hereby certify that I have conducted a pre-demolition survey of the property listed above and confirm that no additional asbestos or hazardous materials were found during this process.

---

Signature

Date