

**Genesee County Land Bank Authority Blight Elimination Program**

**Invitation for Bids- LB 24-002 Environmental Abatement & Disposal of Asbestos and  
Hazardous Materials & Demolition and Disposal of Residential and Commercial Structures in  
Genesee County  
ADDENDUM #1  
March 1, 2024**

The following information is to be incorporated into the bidding and contract documents and acknowledged by all bidders for the above referenced project. Bids submitted that do not acknowledge this Addendum will be deemed incomplete and may be rejected on such basis.

1. **Important Dates:** Important dates throughout the Bid Documents should be replaced with the dates as outlined below:

<b>Questions Due</b>	<b>No later than Thursday, March 14, 2023 by 3:00 pm</b>
<b>Bids Due</b>	<b>Tuesday, March 19, 2023 by 3:00 pm</b>
<b>Notice of Award</b>	<b>On or around Friday, March 27, 2024</b>
<b>Contract Signed</b>	<b>On or around Friday, April 5, 2024</b>
<b>Start Work</b>	<b>On or around Monday, April 8, 2024</b>
<b>Winter-grade work completed and paper work submitted</b>	<b>Not applicable</b>
<b>Final-grade, seed and straw work completed and paperwork due</b>	<b>On or before Friday, July 5, 2024</b>

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

**QUESTIONS**

Questions regarding this IFB should be submitted by no later than indicated date above and in writing via email to **[ffinholm@thelandbank.org](mailto:ffinholm@thelandbank.org)**

Submittals are to be addressed as follows:

BID 24-002, Due 03/19/2024 3:00 PM.  
Faith Finholm, Grants Manager  
Genesee County Land Bank Authority  
452 S. Saginaw St. 2nd Floor  
Flint, MI 48502



**2. Updated Wage Rates. Attachment 1.** Bidders are to replace the wage rates in the bidding documents under General Decision Number MI20230083 01/19/2024 with the attached schedule, MI20240083 02/23/2024.

**3. Revised Attachment D, including Abatement Bid Tabs. Attachment 2.**

**A. CANCELLED PROJECT**

<b>20</b>	40-13-404-036	1108	W	COURT ST***	RESIDENTIAL	48503	CDBG/EPA
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**B. Addition of Item #76 to non-scope Add/Deduct: Procurement and installation of 6 ft galvanized steel chain link permanent fencing** as necessary for limiting site access. Fencing shall be in compliance with all governing laws, regulations, codes and ordinances and a minimum of one gate shall be provided per site at designated points of access. Gates shall have minimum width of 6 feet. Gates must be capable of manual operation by one person.

**C. Updated/Corrected surveys. The following surveys/abatement bid tabs have been updated with the indicated changes:**

- a. #14 1305 Avenue A- Updated report with pictures illustrating concerns preventing a thorough survey.
- b. #15 1223 Avenue A- Updated report with pictures illustrating concerns preventing a thorough survey. Removed Basement Window Glaze from abatement bid tabs. Material tested at or below 1% asbestos.
- c. #16 1112 Avenue B- Updated report with pictures illustrating concerns preventing a thorough survey.
- d. #17 915 Pershing St.-
- e. #27 2201 Corunna Ave.- Revised survey “2.28.2024” uploaded correcting quantities. Garage accessed. Email confirmation of no SACM in garage uploaded. Abatement bid tabs updated with 2.28.2024 quantities.
- f. #33 1018 S Grand Traverse Ave- Uploaded a survey that combines two previous surveys. Bid tabs updated with ACM.

**4. Procedure to Request a Groundwater Variance. Attachment 3.**

Please review for information on sampling and pumping/discharging water from flooded basements/foundations. Contractors are to follow these procedures for dewatering as necessary in the City of Flint.

**Each bidder must acknowledge receipt of this addendum on IFB SUBMITTAL REQUIREMENTS CHECKLIST.**

**\*\*END OF ADDENDUM\*\***



Attachment 1-  
Update Wage Rates/Decision MI20240083 02/23/2024

"General Decision Number: MI20240083 02/23/2024

Superseded General Decision Number: MI20230083

State: Michigan

Construction Type: Building

County: Genesee County in Michigan.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	Executive Order 14026 generally applies to the contract. The contractor must pay all covered workers at least \$17.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	Executive Order 13658 generally applies to the contract. The contractor must pay all covered workers at least \$12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2024.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/05/2024
1	01/19/2024
2	02/23/2024

ASBE0047-002 07/01/2023

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR.....	\$ 36.62	19.78

BOIL0169-001 06/01/2023

	Rates	Fringes
BOILERMAKER.....	\$ 39.95	35.38

BRMI0009-014 08/01/2022

	Rates	Fringes
BRICKLAYER.....	\$ 35.43	23.83
TILE FINISHER.....	\$ 29.93	18.02
TILE SETTER.....	\$ 29.93	18.02

FOOTNOTE:

Paid Holiday: Fourth of July, if the worker was employed by the contractor in any period of seven working days before said holiday within the current calendar year.

CARP0706-001 06/01/2023

	Rates	Fringes
CARPENTER, Includes Acoustical Ceiling Installation, Drywall Hanging, Form Work, and Metal Stud Installation.....	\$ 32.09	22.68

\* ELEC0948-001 11/05/2023

	Rates	Fringes
ELECTRICIAN		
Excludes Low Voltage Wiring.....	\$ 41.66	10.23+41.26%
Low Voltage Wiring.....	\$ 32.49	31.95%+9.25

ENGI0324-011 06/01/2023

	Rates	Fringes
OPERATOR: Power Equipment		
GROUP 1.....	\$ 45.48	25.25
GROUP 2.....	\$ 42.18	25.25
GROUP 3.....	\$ 39.53	25.25
GROUP 4.....	\$ 37.82	25.25
GROUP 5.....	\$ 37.82	25.25
GROUP 6.....	\$ 31.96	25.25
GROUP 7.....	\$ 29.48	25.25

FOOTNOTES:

Crane operator with main boom and jib 300' or longer: \$1.50 per hour above the group 1 rate. Crane operator with main boom and jib 400' or longer: \$3.00 per hour above the group

1 rate.

PAID HOLIDAYS: New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas Day.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Crane operator with main boom and jib 400', 300', or 220' or longer.

GROUP 2: Crane operator with main boom and jib 140' or longer, tower crane, gantry crane, whirley derrick

GROUP 3: Backhoe/Excavator/Trackhoe; Bulldozer; Concrete Pump; Crane; Grader/Blade; Highlift; Hoist; Loader; Roller; Scraper; Stiff Leg Derrick; Tractor; Trencher

GROUP 4: Bobcat/Skid Loader; Broom/Sweeper; Fork Truck (over 20' lift)

GROUP 5: Boom Truck (non-swinging)

GROUP 6: Fork Truck (20' lift and under for masonry work)

GROUP 7: Oiler

IRON0025-019 06/01/2022

	Rates	Fringes
IRONWORKER		
REINFORCING.....	\$ 31.43	34.77
STRUCTURAL.....	\$ 34.85	40.42

LAB00334-005 06/01/2023

	Rates	Fringes
LABORER: Landscape & Irrigation		
GROUP 1.....	\$ 25.97	8.60
GROUP 2.....	\$ 23.75	8.60

CLASSIFICATIONS

GROUP 1: Landscape specialist, including air, gas and diesel equipment operator, lawn sprinkler installer, skidsteer (or equivalent)

GROUP 2: Landscape laborer: small power tool operator, material mover, truck driver and lawn sprinkler installer tender

LAB01075-002 06/01/2023

	Rates	Fringes
LABORER		
Common or General; Grade Checker; Mason Tender - Brick/Cement/Concrete, Pipelayer; Sandblaster.....	\$ 28.21	14.95

PAIN1052-001 05/01/2023

	Rates	Fringes
PAINTER		
Brush & Roller.....	\$ 29.44	14.15
Spray.....	\$ 29.22	14.15

PAIN1052-004 06/01/2023

	Rates	Fringes
DRYWALL FINISHER/TAPER		
Drywall sanding.....	\$ 30.34	16.73
Hand work.....	\$ 27.15	15.00
Machine work.....	\$ 27.15	15.00

PLAS0016-005 04/01/2014

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER..	\$ 25.58	12.88

PLUM0370-002 06/01/2023

	Rates	Fringes
PIPEFITTER (Includes HVAC Pipe Installation; Excludes HVAC System Installation).....	\$ 43.46	22.60
PLUMBER, Excludes HVAC Pipe Installation.....	\$ 42.21	22.35

ROOF0149-005 06/01/2020

	Rates	Fringes
ROOFER.....	\$ 29.58	23.25

SFMI0669-001 01/01/2024

	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers).....	\$ 40.48	25.80

SHEE0007-008 05/01/2023

	Rates	Fringes
SHEET METAL WORKER, Includes HVAC Duct and Unit Installation.....	\$ 35.19	23.57

\* SUMI2011-008 02/01/2011

	Rates	Fringes
IRONWORKER, ORNAMENTAL.....	\$ 18.48	7.93
TRUCK DRIVER: Tractor Haul Truck.....	\$ 13.57 **	1.18

WELDERS - Receive rate prescribed for craft performing

operation to which welding is incidental.

\*\* Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$17.20) or 13658 (\$12.90). Please see the Note at the top of the wage determination for more information. Please also note that the minimum wage requirements of Executive Order 14026 are not currently being enforced as to any contract or subcontract to which the states of Texas, Louisiana, or Mississippi, including their agencies, are a party.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at https://www.dol.gov/agencies/whd/government-contracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
\* a survey underlying a wage determination
\* a Wage and Hour Division letter setting forth a position on a wage determination matter
\* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal

process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

## Attachment 2- Revised Attachment D, including Abatement Bid Tabs



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

Please note that an incomplete Attachment D may result in rejection of submittals. Please flag this page in your submittal for ease of reading at bid opening.

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

DBA: \_\_\_\_\_

### BID TENDER SUMMARY

BID LIST#	LB 24-002
BID AMOUNT	\$

### Statement of Experience

Primary Contact (Name, title, telephone and email): \_\_\_\_\_

Indicate whether any of the following has changed since submittal of Pre-qualification Application/Annual Update:

Principal place of Business: \_\_\_\_\_

Principals of the Bidder. For purposes of this IFB "Principals" shall mean persons possessing an ownership interest in the bidding entity: \_\_\_\_\_

Bidders' board/officers: \_\_\_\_\_

Does bidder qualify as any of the following business enterprises? Attach supporting certifications as necessary. Circle: Section 3 / MBE / WBE / DBE

Is this a Section 3 covered contract? \_\_\_\_\_

**List staff that will be committed to this project, staff qualifications, and staff experience.**

Include years of experience, relevant professional and educational experience. Identify who will be responsible for oversight in the field, your asbestos competent individual, and the individual/firm that will be responsible for completing Alternate Work Practices as necessary (Attach documentation to include licenses and certifications as necessary)

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Asbestos competent individual: \_\_\_\_\_

Who is completing Alternate Work Practices? Attach their qualifications. \_\_\_\_\_

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Licenses, Certificates, Accreditations held by firm and/or employees not listed above (Attach documentation to include licenses and certifications as necessary):

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Timeline of projects scheduled concurrent (within the same timeframe as) with the schedule for this bid:

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**Demonstration of Capacity**

Can Bidder complete abatement, demolition and disposal within the time frame identified in this Invitation For Bids? \_\_\_\_\_



Please describe a project bidder successfully completed with capacity required for this work:

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Please describe experience conducting UST removal projects for the EPA, EGLE, government or private entity in the past 3 years:

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Number of Bidder's employees: \_\_\_\_\_

Has equipment list changed since submittal of Pre-qualification Application/Annual Update?

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Describe of the steps will you take to oversee environmental abatement work (staff or subcontractors) to ensure that the work is completed in compliance with all applicable state and federal regulations.

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

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Identify the water source to be utilized for fugitive dust suppression during demolition. What will Contractor use to apply the water to the demolition? Where will Contractor acquire the water?

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Identify the business that will be conducting ambient air monitoring:

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Identify the business that will be conducting water removal and how/where water will be disposed:

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Confirm whether you will be disposing of structural concrete from ACM demolitions as ACM at the landfill **or** whether you have a plan approved by an appropriate regulator for testing and recycling concrete (attach **EGLE/EPA confirmation that plan is in compliance with law**):

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**Utilizing the abatement bid tabs provided, confirm the ACM that will be abated and material that may remain. Bidders are expected to verify quantities for themselves and bid appropriately. Indicate which properties will be demolished with ACM remaining. Bids that do not supply this information may be rejected. If you do not intend to abate ACM roofing, these structures need to be indicated.**

Please note, any demolition involving Class I material remaining in place (or PACM) requires the preparation and implementation of a project specific work plan by a Certified Industrial Hygienist (CIH) that is also a licensed asbestos project designer per MIOSHA/OSHA and industry standard 1926.1101(g)(6). GCLBA may request the successful contractor to produce these project specific plans prior to issuing a Notice to Proceed for demolition.

**Subcontractor(s): 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.**

List scopes for which you plan to utilize subcontractors:

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If using subs you must attach the required Genesee County MBE/WBE Outreach Report for each scope you are subcontracting (ex: trucking, abatement, air monitoring, etc.). Have you attached these for each subcontracted scope? \_\_\_\_\_

Subcontractor DBA: \_\_\_\_\_

Does subcontractor qualify as any of the business enterprises for which a bidder may receive preference under this bid? Circle: Section 3 / MBE / WBE / DBE

If so, please provide documentation of status and indicate percentage of bid this subcontractor will be contracted to complete: \_\_\_\_\_

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

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

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

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

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

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

Timeline of SUBCONTRACTOR projects scheduled concurrent (within the same timeframe as) with the schedule for this bid:

Describe how you will identify additional subcontractors as necessary. Be sure to explain how you will verify that they are qualified to meet the scope they will complete. Subcontractors could include qualified consultants to complete Alternate Work Practices per MIOSHA/OSHA and industry standard 1926.1101(g)(6), qualified entities to complete well abandonments as necessary, air monitoring firms, dewatering services, trucking services, etc. Attach additional sheets as necessary.



Do you understand that the successful bidder will be held accountable for the performance of subcontractors? \_\_\_\_\_

**Does Contractor or subcontractor have any EPA, MDEQ/EGLE, or OSHA/MIOSHA active or open inspections or investigations?** If yes, please give dates, describe visit or incident and any changes to your policies and procedures taken to prevent a reoccurrence. Use additional sheets as necessary.

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**Has the Contractor or subcontractor been the recipient any EPA, MDEQ/EGLE, or OSHA/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 taken to prevent a reoccurrence. Use additional sheets as necessary.

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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 24-002

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

FOR: Invitation to Bid #LB 24-002 Environmental Abatement & Disposal of Asbestos and Hazardous Materials & Demolition and Disposal Residential and Commercial Structures in Genesee County:

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

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

To Whom It May Concern:

The Bidder, in compliance with your invitation for bids for the environmental abatement and demolition and disposal of Residential and Commercial Structures having examined Bid #LB: 24-002 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: 24-002, 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 may be rejected. Bids must be based upon actual costs. Should Bidder submit flat rates for the for any portion of the scope, 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.**

- Where surveys are incomplete due to mitigatable conditions (blocked stairwells, debris, flooded basements, etc.), GCLBA is requesting bidders to provide pricing to address conditions so that a thorough survey can be made prior to abatement and demolition. Bidders are to coordinate completing survey with Genesee County Land Bank Authority (GCLBA) and surveyor BEFORE completing any abatement activities. Change Orders will not be accepted on these properties for access mitigation activities.
- Some of the properties contain vermiculite and bidders are to use caution during demolition and remain vigilant for fugitive vermiculite. Quantities listed in surveys are only estimates. Contractors are to satisfy themselves as to actual quantities prior to submitting a bid.
- **GCLBA does not test for the presence of lead in structures to be demolished. Contractors are to assume lead is present and are to take all necessary measures to protect human health and safety in performance of the work.**
- **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 not in poor 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 indicated in the work plan and accepted by GCLBA, or unless otherwise directed by GCLBA.**
- **All structural concrete- including walls, floors, and foundations- are to be appropriately manifested and disposed of as asbestos when a structure is demolished with ACM or PACM present, unless bidder submits with their proposal a regulator approved plan for alternative methods of concrete testing and disposal.**
- Please note that unless otherwise noted, Genesee County Land Bank Authority coordinates gas and electric cuts with Consumers Energy and provides successful bidders with cut confirmations to utilize in obtaining permits. In general, GCLBA does our best to put properties out to bid either after retirements are complete or as close as possible to when we anticipate them to be complete. The same applies to water and sewer cuts within City of Flint limits. Sometimes there may be some delays in retirements that require some coordination regarding scheduling once contracted, but we aim to minimize those instances.
- Where applicable, GCLBA is requesting quotes to address conditions inhibiting completion of a thorough survey so that a thorough survey may be completed. Water removal should be completed with a vac truck and disposed of at an appropriate disposal location to be confirmed with QEP. Debris removal should be undertaken with the oversight of an asbestos competent person. Non-contaminated debris is to be removed to a dumpster and disposed of in a landfill. GCLBA is to be notified if suspect material is encountered during debris removal. It is anticipated that bidders are including costs to address existing conditions for abatement/demolition as necessary where through surveys have been completed.



- For the commercial properties represented in this bid, asbestos and demolition bids are to include:
  - Fence installation prior to any work taking place according to APPENDIX 1B SECTION 3.9.E.
  - Demolition of commercial sites to include on-site sidewalks, roadways, parking lots, pads, signs, poles, fences, and curbs. Storm drains/catch basins are to be protected/reset as per specifications with the oversight of GCLBA consultant. Monitoring wells are to be identified and protected.
- At all sites during all work bidder is to post job boards, place door hangers and signs.



# UNIT PRICE FOR ABATEMENT AND DEMOLITION WORK

Refer to the appropriate Scope of Work in the Appendices attached to this Invitation for Bids/Request for Proposals. Please note that removal of asbestos during demolition is also considered abatement and is governed by the abatement scope though costs should be included in the demolition bid. Tires removal should be included with Hazardous Materials Bid.

BID LIST # - LB 24-002								Abatement Scope of Work			Demolition Scope of Work			Project Total
No.	PARCEL-NO	Address	Dir	Street	Class	Zip	Fund	Debris Disposal/ Pumping for survey access	Hazardous Materials	Asbestos	Demo	Backfill	Final- grade, seed & mulch	
1	40-12-202-035	1602		OREN AVE*/***	COMMERCIAL	48505	CHOICE/ EPA							
2	40-14-370-014	3210		CORUNNA RD*/***	COMMERCIAL	48503	CDBG/ EPA							
3	40-23-105-003	3113		CORUNNA RD***	COMMERCIAL	48503	CDBG/ EPA							
4	41-06-102-042	3200	N	SAGINAW ST*/***	COMMERCIAL	48505	CDBG/ EPA							
5	41-16-101-025	1101	S	DORT HWY***	COMMERCIAL	48503	CDBG/ EPA							
6	40-12-202-003/ 40-12-202-034	206		PAGE ST **	RESIDENTIAL	48505	CHOICE							
7	40-12-203-021	321		MARY ST	RESIDENTIAL	48503	CHOICE							
8	40-12-210-032	1321		AVENUE B*	RESIDENTIAL	48503	CHOICE							
9	40-12-227-009	1613		ROOT ST*	RESIDENTIAL	48503	CHOICE							
10	40-12-252-001	121		ELEVENTH AVE*	RESIDENTIAL	48503	CHOICE							
11	40-12-255-004	1220		GARLAND ST*	RESIDENTIAL	48503	CHOICE							
12	40-12-259-012	1024		GARLAND ST*	RESIDENTIAL	48503	CHOICE							
13	40-12-259-016	1008		GARLAND ST*	RESIDENTIAL	48503	CHOICE							
14	40-12-276-035	1305		AVENUE A*	RESIDENTIAL	48503	CHOICE							
15	40-12-276-037	1223		AVENUE A*	RESIDENTIAL	48503	CHOICE							
16	40-12-280-013	1112		AVENUE B*	RESIDENTIAL	48503	CHOICE							
17	40-13-353-003	915		PERSHING ST	RESIDENTIAL	48503	CDBG/ EPA							
18	40-13-355-011	1919		ZIMMERMAN ST	RESIDENTIAL	48503	CDBG/ EPA							
19	40-13-402-027	710		HAZELTON ST*/***	RESIDENTIAL	48503	CDBG/ EPA							
20	40-13-404-036	1108	W	COURT ST***	RESIDENTIAL	48503	CDBG/ EPA							CANCELLED



21	40-13-427-015	914		WATSON AVE*/***	RESIDENTIAL	48503	CDBG/ EPA							
22	40-13-427-017	702		HALL ST*/***	RESIDENTIAL	48503	CDBG/ EPA							
23	40-13-427-019	710		HALL ST***	RESIDENTIAL	48503	CDBG/ EPA							
24	40-13-433-009	707		ATWOOD***	RESIDENTIAL	48503	CDBG/ EPA							
25	40-14-476-014	2209	W	COURT ST	RESIDENTIAL	48503	CDBG/ EPA							
26	40-14-478-011	2213		REID ST	RESIDENTIAL	48503	CDBG/ EPA							
27	40-14-484-018	2201		CORUNNA RD	RESIDENTIAL	48503	CDBG/ EPA							
28	40-14-484-044	2101		CORUNNA RD	RESIDENTIAL	48503	CDBG/ EPA							
29	40-14-485-003	1105		DURAND ST	RESIDENTIAL	48503	CDBG/ EPA							
30	40-14-485-012	2012		SWAYZE ST	RESIDENTIAL	48503	CDBG/ EPA							
31	41-18-305-002	617		CARRILL CT***	RESIDENTIAL	48503	CDBG/ EPA							
32	41-18-306-008	1113		STOCKTON ST*/***	RESIDENTIAL	48503	CDBG/ EPA							
33	41-18-307-016	1018	S	GRAND TRAVERSE*/***	RESIDENTIAL	48503	CDBG/ EPA							
34	41-18-308-026	1120	S	GRAND TRAVERSE*/***	RESIDENTIAL	48503	CDBG/ EPA							
35	41-18-351-005	611	W	SIXTH ST***	RESIDENTIAL	48503	CDBG/ EPA							
36	41-18-354-002	1150		ANN ARBOR ST*/***	RESIDENTIAL	48503	CDBG/ EPA							
37	41-18-355-008	1210		STOCKTON ST*/***	RESIDENTIAL	48503	CDBG/ EPA							
38	41-18-358-026	1226		WALKER ST*/***	RESIDENTIAL	48503	CDBG/ EPA							

\*ABATE WHAT CAN BE ABATED AND DEMO AS ASBESTOS CONTAINING

\*\* THIS STRUCTURE IS A SHARED GARAGE SPANNING TWO PARCELS.

\*\*\* REVIEW APPENDIX 12/13



# 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 has been prepared by others and is available via Box.com upon request.



PARCEL-NO	Address	Dir	Street	City	Zip	Fund	Category	Location	Material	Quantity	Measurement
1	40-12-202-035	1602	OREN AVE	FLINT	48505	CHOICE / EPA	ACM	EA 5	Roof Flashing (Black)	575	LF
1	40-12-202-035	1602	OREN AVE	FLINT	48505	CHOICE / EPA	ACM	EA 5	Roofing Material	1750	SF
1	40-12-202-035	1602	OREN AVE	FLINT	48505	CHOICE / EPA	HAZ	FS 1-5	Fire Extinguishers / Compressed Gas Cylinder	4	EACH
1	40-12-202-035	1602	OREN AVE	FLINT	48505	CHOICE / EPA	HAZ	FS 1-5	Light Ballasts	12	EACH
1	40-12-202-035	1602	OREN AVE	FLINT	48505	CHOICE / EPA	HAZ	FS 1-5	Miscellaneous Items (Glue, Solvents, Cleaners, etc.)	20	EACH
1	40-12-202-035	1602	OREN AVE	FLINT	48505	CHOICE / EPA	HAZ	FS 4	Paint Cans	15	EACH
1	40-12-202-035	1602	OREN AVE	FLINT	48505	CHOICE / EPA	HAZ	FS 1-5	Fluorescent Light Bulbs	24	EACH
1	40-12-202-035	1602	OREN AVE	FLINT	48505	CHOICE / EPA	TIRES	EA 3	Tires	4	EACH
1	40-12-202-035	1602	OREN AVE	FLINT	48505	CHOICE / EPA	NOTE	The roof was inaccessible to sample due to PSI safety protocols.			
2	40-14-370-014	3210	CORUNNA RD	FLINT	48503	CDBG/EPA	NOTE	STRUCTURE HAS BEEN SIGNIFICANTLY DAMAGED BY FIRE. WHILE NO HAZ MAT OR ACM WERE IDENTIFIED BY CONSULTANT, DEMOLITION IS TO BE CONDUCTED AS THOUGH THE STRUCTURE WERE ASBESTOS CONTAINING. THE SITE FORMERLY HAD A BASEMENT WHICH IS FLOODED AND HAS NOT BEEN INSPECTED.			
3	40-23-105-003	3113	CORUNNA RD	FLINT	48503	CDBG/EPA	ACM	FS 2-4	Window Glaze (Gray)	6	Windows
3	40-23-105-003	3113	CORUNNA RD	FLINT	48503	CDBG/EPA	ACM	FS 2	9"x9" Floor Tile (Tan) w/Adhesive (Black)	450	SF
3	40-23-105-003	3113	CORUNNA RD	FLINT	48503	CDBG/EPA	HAZ	FS 3	Light Ballasts	2	EACH
3	40-23-105-003	3113	CORUNNA RD	FLINT	48503	CDBG/EPA	HAZ	FS 3	Fluorescent Light Bulbs	4	EACH
3	40-23-105-003	3113	CORUNNA RD	FLINT	48503	CDBG/EPA	TIRES	FS 1-6	Tires	4	EACH
3	40-23-105-003	3113	CORUNNA RD	FLINT	48503	CDBG/EPA	TIRES	IDENTIFY AND PROTECT MONITORING WELLS			
4	41-06-102-042	3200	N SAGINAW ST	FLINT	48505	CDBG/EPA	TIRES	EA 2, EA 3, EA 4	Tires	45	EACH
4	41-06-102-042	3200	N SAGINAW ST	FLINT	48505	CDBG/EPA	NOTE	There is a collapsed structure on the northeast corner of the property. This structure was not reported in historic assessing documentation. The structure is labeled as Debris Pile 2.			
4	41-06-102-042	3200	N SAGINAW ST	FLINT	48505	CDBG/EPA	NOTE	Although no inaccessible areas besides FS1 were visually identified it must be clearly stated that hidden and concealed materials (i.e., pipe insulation debris, vermiculite insulation, etc.) may be discovered during demolition. If any hidden or concealed materials are discovered during demolition PSI recommends stopping work and having the material inspected and tested as soon as possible. PSI will assist the client's selected contractors to make sure all applicable local, state, and federal standards/regulations are followed.			
4	41-06-102-042	3200	N SAGINAW ST	FLINT	48505	CDBG/EPA	NOTE	The entire interior of the building (FS 1) is inaccessible due to structural collapse and unsafe entry conditions.			
4	41-06-102-042	3200	N SAGINAW ST	FLINT	48505	CDBG/EPA	RETAINING WALL				
5	41-16-101-025	1101	S DORT HWY	FLINT	48503	CDBG/EPA	ACM	EA 5	Roofing System (Black)	6500	SF
5	41-16-101-025	1101	S DORT HWY	FLINT	48503	CDBG/EPA	ACM	EA 1-4	Sealant (White)	875	LF
5	41-16-101-025	1101	S DORT HWY	FLINT	48503	CDBG/EPA	ACM	EA 1-4	Window Glaze (Pink)	10	Windows
5	41-16-101-025	1101	S DORT HWY	FLINT	48503	CDBG/EPA	ACM	EA 1-4	Window Glaze (White)	2	Windows
5	41-16-101-025	1101	S DORT HWY	FLINT	48503	CDBG/EPA	ACM	FS 1	12"x12" Floor Tile w/Adhesive (Red)	400	SF
5	41-16-101-025	1101	S DORT HWY	FLINT	48503	CDBG/EPA	ACM	FS 1-6	Plaster w/Skimcoat (Gray/White)	2250	SF
5	41-16-101-025	1101	S DORT HWY	FLINT	48503	CDBG/EPA	HAZ	FS 1-9	Light Ballasts	12	EACH
5	41-16-101-025	1101	S DORT HWY	FLINT	48503	CDBG/EPA	HAZ	FS 1-6	Fluorescent Lights	8	EACH
5	41-16-101-025	1101	S DORT HWY	FLINT	48503	CDBG/EPA	TIRES	EA 3	Tires	120+	EACH
6	40-12-202-003/ 40-12-202-034	206	PAGE ST	FLINT	48505	CHOICE	HAZ	EA-1, EA-2, EA-3, EA-4, FS-1	CAR TIRES	31	EACH
6	40-12-202-003/ 40-12-202-034	206	PAGE ST	FLINT	48505	CHOICE	NOTE	STRUCTURE ON SITE IS A GARAGE THAT SPANS TWO PARCELS			
7	40-12-203-021	321	MARY ST	FLINT	48503	CHOICE	ACM	EA-1, EA-2, EA-3, EA-4	TRANSITE SIDING	2400	SF
7	40-12-203-021	321	MARY ST	FLINT	48503	CHOICE	NOTE	The entire house is inaccessible due to structural and water damage. Therefore, additional ACM and/or RMS may be present in those areas.			

PARCEL-NO	Address	Dir	Street	City	Zip	Fund	Category	Location	Material	Quantity	Measurement
8	40-12-210-032	1321	AVENUE B	FLINT	48503	CHOICE	NOTE	The entire house is inaccessible due to being collapsed. Therefore, additional ACM and/or RMS may be present in those areas.			
9	40-12-227-009	1613	ROOT ST	FLINT	48503	CHOICE	ACM	EA-1, EA-2, EA-3, EA-4	EXTERIOR CAULK	180	LF
9	40-12-227-009	1613	ROOT ST	FLINT	48503	CHOICE	ACM	EA-4	BASEMENT WINDOW GLAZE	6	EACH
9	40-12-227-009	1613	ROOT ST	FLINT	48503	CHOICE	HAZ	EA-2, EA-3, EA-6, EA-7	CAR TIRES	15 EACH	EACH
9	40-12-227-009	1613	ROOT ST	FLINT	48503	CHOICE	NOTE	The entire house is inaccessible due to severe water damage. Therefore, additional ACM and/or RMS may be present in those areas.			
10	40-12-252-001	121	ELEVENTH AVE	FLINT	48503	CHOICE	ACM	FS-1	DUCT WRAP	80	SF
10	40-12-252-001	121	ELEVENTH AVE	FLINT	48503	CHOICE	ACM	EA-1, EA-2, EA-3, EA-4	EXTERIOR CAULK	250	LF
10	40-12-252-001	121	ELEVENTH AVE	FLINT	48503	CHOICE	NOTE	The entire second floor is inaccessible due to structural and fire damage. Therefore, additional ACM and/or RMS may be present in those areas.			
11	40-12-255-004	1220	GARLAND ST	FLINT	48503	CHOICE	NOTE	The entire house is inaccessible due to being collapsed. Therefore, additional ACM and/or RMS may be present in those areas.			
12	40-12-259-012	1024	GARLAND ST	FLINT	48503	CHOICE	HAZ	EA-3	MERCURY LIGHT BULB	1	EACH
12	40-12-259-012	1024	GARLAND ST	FLINT	48503	CHOICE	NOTE	The entire house is inaccessible due to structural and water damage. Therefore, additional ACM and/or RMS may be present in those areas.			
13	40-12-259-016	1008	GARLAND ST	FLINT	48503	CHOICE	HAZ	EA-1, EA-4	CAR TIRES	2 EACH	
13	40-12-259-016	1008	GARLAND ST	FLINT	48503	CHOICE	NOTE	The entire house is inaccessible due to being collapsed. Therefore, additional ACM and/or RMS may be present in those areas.			
14	40-12-276-035	1305	AVENUE A	FLINT	48503	CHOICE	ACM	EA-1, EA-2, EA-3, EA-4	EXTERIOR CAULK	100	LF
14	40-12-276-035	1305	AVENUE A	FLINT	48503	CHOICE	HAZ	EA-3, EA-8	CAR TIRES	8	EACH
14	40-12-276-035	1305	AVENUE A	FLINT	48503	CHOICE	NOTE	The entire house is inaccessible due to severe fire damage. Therefore, additional ACM and/or RMS may be present in those areas.			
15	40-12-276-037	1223	AVENUE A	FLINT	48503	CHOICE	ACM	EA-1, EA-2, EA-3, EA-4	TRANSITE	2400 SF	SF
15	40-12-276-037	1223	AVENUE A	FLINT	48503	CHOICE	NOTE	The entire house is inaccessible due to structural damage. Therefore, additional ACM and/or RMS may be present in those areas.			
16	40-12-280-013	1112	AVENUE B	FLINT	48503	CHOICE	ACM	EA-1, EA-2, EA-3, EA-4	ASPHALT SIDING W/ CAULK	2400	SF
16	40-12-280-013	1112	AVENUE B	FLINT	48503	CHOICE	HAZ	EA-1, EA-2, EA-3	CAR TIRES	6	EACH
16	40-12-280-013	1112	AVENUE B	FLINT	48503	CHOICE	NOTE	The entire house is inaccessible due to fire and structural damage. Therefore, additional ACM and/or RMS may be present in those areas.			
17	40-13-353-003	915	PERSHING ST	FLINT	48503	CDBG/EPA	ACM	FS-8	Grey 12" Floor Tile	5	SF
17	40-13-353-003	915	PERSHING ST	FLINT	48503	CDBG/EPA	ACM	FS-8	Green 12" Floor Tile	160	SF
17	40-13-353-003	915	PERSHING ST	FLINT	48503	CDBG/EPA	ACM	FS-5	White Duct Wrap		120 LF
17	40-13-353-003	915	PERSHING ST	FLINT	48503	CDBG/EPA	HAZ	FS-2	Propane	1	EACH
17	40-13-353-003	915	PERSHING ST	FLINT	48503	CDBG/EPA	HAZ	FS-2	Paint Cans	5	EACH
17	40-13-353-003	915	PERSHING ST	FLINT	48503	CDBG/EPA	HAZ	FS-3	Flourescent Bulb	3	EACH
17	40-13-353-003	915	PERSHING ST	FLINT	48503	CDBG/EPA	HAZ	FS-3	Thermostat	1	EACH
17	40-13-353-003	915	PERSHING ST	FLINT	48503	CDBG/EPA	NOTE	Due to Debris being present, additional ACM and/ or RMS may be present in FS-1.			

	PARCEL-NO	Address	Dir	Street	City	Zip	Fund	Category	Location	Material	Quantity	Measurement
18	40-13-355-011	1919		ZIMMERMAN ST	FLINT	48503	CDBG/EPA	ACM	FS-[8,9,10,11]	Vermiculite	50	CF
18	40-13-355-011	1919		ZIMMERMAN ST	FLINT	48503	CDBG/EPA	ACM	FS-[1]	Air Cell	70	LF
18	40-13-355-011	1919		ZIMMERMAN ST	FLINT	48503	CDBG/EPA	ACM	FS-[1]	Joint Packing	15	EACH
18	40-13-355-011	1919		ZIMMERMAN ST	FLINT	48503	CDBG/EPA	ACM	FS-[1]	Stack Cement	5	SF
18	40-13-355-011	1919		ZIMMERMAN ST	FLINT	48503	CDBG/EPA	ACM	FS-[2,3,4,5,6,7,8,9,10,11,13]	Plaster	2500 SF	SF
18	40-13-355-011	1919		ZIMMERMAN ST	FLINT	48503	CDBG/EPA	HAZ	EA-[1]	Car Tires	1	EACH
18	40-13-355-011	1919		ZIMMERMAN ST	FLINT	48503	CDBG/EPA	HAZ	EA-[1]	Television	1	EACH
18	40-13-355-011	1919		ZIMMERMAN ST	FLINT	48503	CDBG/EPA	HAZ	FS-[5]	Ballast	1	EACH
18	40-13-355-011	1919		ZIMMERMAN ST	FLINT	48503	CDBG/EPA	HAZ	FS-[5]	CFL	1	EACH
19	40-13-402-027	710		HAZELTON ST	FLINT	48503	CDBG/EPA	HAZ	EA-[3]	Paint Bucket	1	EACH
19	40-13-402-027	710		HAZELTON ST	FLINT	48503	CDBG/EPA	HAZ	EA-[1]	Fluorescent Bulb	1	EACH
19	40-13-402-027	710		HAZELTON ST	FLINT	48503	CDBG/EPA	NOTE	Due to collapse, additional ACM and/or RMS may be present in the entire interior			
20	40-13-404-036	1108	W	COURT ST	FLINT	48503	CDBG/EPA	NOTE	CANCELLED PROJECT REMOVED FROM BID			
21	40-13-427-015	914		WATSON AVE	FLINT	48503	CDBG/EPA	ACM	Basement	Vent Wrap	60	SF
21	40-13-427-015	914		WATSON AVE	FLINT	48503	CDBG/EPA	HAZ	Room 6, Hall	CFL	3	EACH
21	40-13-427-015	914		WATSON AVE	FLINT	48503	CDBG/EPA	HAZ	Hall	Smoke Detector	1	EACH
21	40-13-427-015	914		WATSON AVE	FLINT	48503	CDBG/EPA	HAZ	Room 3	Ballast	1	EACH
21	40-13-427-015	914		WATSON AVE	FLINT	48503	CDBG/EPA	LIMITED	Second Floor	*Due to extensive fire damage, the 2nd floor was not surveyed. Therefore, additional ACM and/ or RMS may be present within the building.		
22	40-13-427-017	702		HALL ST	FLINT	48503	CDBG/EPA	ACM	EA-6	Garage Window Glaze	2	WINDOWS
22	40-13-427-017	702		HALL ST	FLINT	48503	CDBG/EPA	NOTE	Due to fire and collapse the interior of the structure was excluded from this survey, additional ACM and/ or RMS may be present			
23	40-13-427-019	710		HALL ST	FLINT	48503	CDBG/EPA	ACM	FS-[1]	Phone Junction	1	EACH
23	40-13-427-019	710		HALL ST	FLINT	48503	CDBG/EPA	ACM	FS-[1]	Grey Stack Cement	6	SF
23	40-13-427-019	710		HALL ST	FLINT	48503	CDBG/EPA	ACM	FS-[2]	Tan 12" Floor Tile Patterned	340	SF
23	40-13-427-019	710		HALL ST	FLINT	48503	CDBG/EPA	ACM	FS-[2,3,5-7]	Grey Duct Wrap	6	SF
24	40-13-433-009	707		ATWOOD	FLINT	48503	CDBG/EPA	ACM	FS-[2-4, 6-15]	White Plaster	4500	SF
24	40-13-433-009	707		ATWOOD	FLINT	48503	CDBG/EPA	ACM	FS-[5,8,11,12,14]	Grey Duct Wrap	60	LF
24	40-13-433-009	707		ATWOOD	FLINT	48503	CDBG/EPA	HAZ	FS-[1]	Ballast	5	EACH
24	40-13-433-009	707		ATWOOD	FLINT	48503	CDBG/EPA	HAZ	EA-[3]	Car Tires	3	EACH
25	40-14-476-014	2209	W	COURT ST	FLINT	48503	CDBG/EPA	ACM	FS-[1]	Grey Pipe Wrap	60	LF
25	40-14-476-014	2209	W	COURT ST	FLINT	48503	CDBG/EPA	ACM	FS-[13]	12" Floor Tile Orange Speckled	40	SF
25	40-14-476-014	2209	W	COURT ST	FLINT	48503	CDBG/EPA	ACM	FS-[12]	Grey Plaster on Brick	30	SF
25	40-14-476-014	2209	W	COURT ST	FLINT	48503	CDBG/EPA	ACM	Exterior	Milk Chute Caulk	5	LF
25	40-14-476-014	2209	W	COURT ST	FLINT	48503	CDBG/EPA	HAZ	FS-[1], EA-[1]	Paint Cans	10	EACH
25	40-14-476-014	2209	W	COURT ST	FLINT	48503	CDBG/EPA	HAZ	FS-[1]	CFL	4	EACH

PARCEL-NO	Address	Dir	Street	City	Zip	Fund	Category	Location	Material	Quantity	Measurement
26	40-14-478-011	2213	REID ST	FLINT	48503	CDBG/EPA	ACM	FS-[12]	Vermiculite	10	CF
26	40-14-478-011	2213	REID ST	FLINT	48503	CDBG/EPA	ACM	FS-[1]	White Duct Wrap	300	LF
26	40-14-478-011	2213	REID ST	FLINT	48503	CDBG/EPA	ACM	FS-[4]	Grey Heat Shield		15 LF
26	40-14-478-011	2213	REID ST	FLINT	48503	CDBG/EPA	HAZ	External	Car Tires	4	EACH
26	40-14-478-011	2213	REID ST	FLINT	48503	CDBG/EPA	HAZ	FS-[1]	Thermostat w/ Mercury Tube	2	EACH
26	40-14-478-011	2213	REID ST	FLINT	48503	CDBG/EPA	HAZ	FS-[1]	Smoke Detector	1	EACH
27	40-14-484-018	2201	CORUNNA RD	FLINT	48503	CDBG/EPA	ACM	EA-1,2,3,4	Blue Transite	2200	SF
27	40-14-484-018	2201	CORUNNA RD	FLINT	48503	CDBG/EPA	ACM	EA-1	Grey Door Caulk Porch	24	LF
27	40-14-484-018	2201	CORUNNA RD	FLINT	48503	CDBG/EPA	ACM	EA-2	Silver Exterior Caulk	18	LF
27	40-14-484-018	2201	CORUNNA RD	FLINT	48503	CDBG/EPA	ACM	EA-1	Porch Exterior Textured Plaster	2200 SF	SF
27	40-14-484-018	2201	CORUNNA RD	FLINT	48503	CDBG/EPA	ACM	FS-1	White Duct Wrap	95	SF
27	40-14-484-018	2201	CORUNNA RD	FLINT	48503	CDBG/EPA	ACM	Attic	Vermiculite	700	CF
27	40-14-484-018	2201	CORUNNA RD	FLINT	48503	CDBG/EPA	HAZ	EA-1	Television	3	EACH
27	40-14-484-018	2201	CORUNNA RD	FLINT	48503	CDBG/EPA	HAZ	EA-1	Car Tires	1	EACH
27	40-14-484-018	2201	CORUNNA RD	FLINT	48503	CDBG/EPA	HAZ	Room 5	Microwave	1	EACH
27	40-14-484-018	2201	CORUNNA RD	FLINT	48503	CDBG/EPA	HAZ	Room 3,7, Garage	5-gallon Joint Compound	5	EACH
27	40-14-484-018	2201	CORUNNA RD	FLINT	48503	CDBG/EPA	HAZ	Basement	Bud Bomber/Paint Thinner/Mildew Remover	3	EACH
27	40-14-484-018	2201	CORUNNA RD	FLINT	48503	CDBG/EPA	TIRE	Grage	Tire	1	EACH
27	40-14-484-018	2201	CORUNNA RD	FLINT	48503	CDBG/EPA	NOTE	This structure was originally surveyed in 2016, including the basement. Upon re-inspection basement was flooded. Duct wrap is identified in basement and it is anticipated bids are appropriate to access and abate. There is a discrepancy in quantities for duct wrap and vermiculite. Consultant confirmed quantities as represented in these bid tabs. Updated "2.28.2024" Bidders are expected to make their own assessment of quantities.			
28	40-14-484-044	2101	CORUNNA RD	FLINT	48503	CDBG/EPA	ACM	FS-[2-4,8,14,17,18]	White Plaster on Metal Mesh	6000 SF	
28	40-14-484-044	2101	CORUNNA RD	FLINT	48503	CDBG/EPA	ACM	Exterior	Black Roof Tar	200 LF	
28	40-14-484-044	2101	CORUNNA RD	FLINT	48503	CDBG/EPA	ACM	FS-19	White Duct Wrap	60 LF	
28	40-14-484-044	2101	CORUNNA RD	FLINT	48503	CDBG/EPA	ACM	Exterior	Window Glaze/Caulk	350 LF	
28	40-14-484-044	2101	CORUNNA RD	FLINT	48503	CDBG/EPA	HAZ	FS-[1]	Car Tires	1	EACH
28	40-14-484-044	2101	CORUNNA RD	FLINT	48503	CDBG/EPA	HAZ	FS-[2]	Thermostat w/ Mercury Tube	1	EACH
28	40-14-484-044	2101	CORUNNA RD	FLINT	48503	CDBG/EPA	HAZ	FS-[2]	Refrigerator	1	EACH
28	40-14-484-044	2101	CORUNNA RD	FLINT	48503	CDBG/EPA	HAZ	FS-[2]	Stove	1	EACH
28	40-14-484-044	2101	CORUNNA RD	FLINT	48503	CDBG/EPA	HAZ	FS-[3]	CFL	1	EACH
28	40-14-484-044	2101	CORUNNA RD	FLINT	48503	CDBG/EPA	HAZ	FS-[2]	Ballast	1	EACH
28	40-14-484-044	2101	CORUNNA RD	FLINT	48503	CDBG/EPA	HAZ	FS-[1,2]	Paint	35	EACH
28	40-14-484-044	2101	CORUNNA RD	FLINT	48503	CDBG/EPA	HAZ	FS-[2]	Fire Extinguisher	2	EACH
28	40-14-484-044	2101	CORUNNA RD	FLINT	48503	CDBG/EPA	NOTE	Due to flooding and collapse, additional ACM and/ or RMS may be present in the Basement, and Garage			
29	40-14-485-003	1105	DURAND ST	FLINT	48503	CDBG/EPA	ACM	FS-[2-4,7,8]	Grey Plaster on Drywall	2800 SF	SF
29	40-14-485-003	1105	DURAND ST	FLINT	48503	CDBG/EPA	ACM	FS-2	Grey Duct Wrap		50 LF
29	40-14-485-003	1105	DURAND ST	FLINT	48503	CDBG/EPA	ACM	EA-3	White Basement Window Glaze	9	WINDOWS
29	40-14-485-003	1105	DURAND ST	FLINT	48503	CDBG/EPA	HAZ	EA-3	Car Tires	8	EACH
29	40-14-485-003	1105	DURAND ST	FLINT	48503	CDBG/EPA	HAZ	EA-3	Paint Cans	4	EACH
29	40-14-485-003	1105	DURAND ST	FLINT	48503	CDBG/EPA	NOTE	Due to excessive debris, additional ACM and/ or RMS may be present in the Basement.			
30	40-14-485-012	2012	SWAYZE ST	FLINT	48503	CDBG/EPA	ACM	FS-[1]	White Duct Wrap	40	LF
30	40-14-485-012	2012	SWAYZE ST	FLINT	48503	CDBG/EPA	ACM	FS-[3]	Green 9" Floor Tile	80	SF
30	40-14-485-012	2012	SWAYZE ST	FLINT	48503	CDBG/EPA	ACM	FS-[4]	Brown 12" Floor Tile	40	SF
30	40-14-485-012	2012	SWAYZE ST	FLINT	48503	CDBG/EPA	ACM	FS-[6]	Yellow Patterned Linoleum	130	SF
30	40-14-485-012	2012	SWAYZE ST	FLINT	48503	CDBG/EPA	ACM	FS-[10]	Linoleum Beige and Brown	110	SF
30	40-14-485-012	2012	SWAYZE ST	FLINT	48503	CDBG/EPA	ACM	EA-1	Blue Transite	1000	SF
30	40-14-485-012	2012	SWAYZE ST	FLINT	48503	CDBG/EPA	HAZ	FS-[2]	Thermostat w/ Mercury	1	EACH



PARCEL-NO	Address	Dir	Street	City	Zip	Fund	Category	Location	Material	Quantity	Measurement
31	41-18-305-002	617	CARRILL CT	FLINT	48503	CDBG/EPA	ACM	FS-[3,5,11,12]	Grey Duct Wrap	40	LF
31	41-18-305-002	617	CARRILL CT	FLINT	48503	CDBG/EPA	ACM	EA-[1-4]	Teal Transite	1850	SF
31	41-18-305-002	617	CARRILL CT	FLINT	48503	CDBG/EPA	HAZ	FS-[2,6,8,11,14]	Smoke Detector	6	EACH
31	41-18-305-002	617	CARRILL CT	FLINT	48503	CDBG/EPA	HAZ	FS-[2,9]	Thermostat with Mercury Tube	2	EACH
31	41-18-305-002	617	CARRILL CT	FLINT	48503	CDBG/EPA	HAZ	FS-[2]	Ballast	1	EACH
31	41-18-305-002	617	CARRILL CT	FLINT	48503	CDBG/EPA	HAZ	EA-[3]	Car Tires	4	EACH
31	41-18-305-002	617	CARRILL CT	FLINT	48503	CDBG/EPA	HAZ	FS-[2]	Microwave	1	EACH
31	41-18-305-002	617	CARRILL CT	FLINT	48503	CDBG/EPA	NOTE	Due to excessive debris FS-1 was deemed Inaccessible, additional ACM and/ or RMS may be present in FS-1. Bid should include cost to remove debris from FS-1 to a dumpster so that a thorough survey can be made.			
32	41-18-306-008	1113	STOCKTON ST	FLINT	48503	CDBG/EPA	ACM	FS-[2-9,11]	White Drywall with Joint Compound (Vermiculite Present)	4500	SF
32	41-18-306-008	1113	STOCKTON ST	FLINT	48503	CDBG/EPA	ACM	FS-[2]	Black Stair Tread	20	SF
32	41-18-306-008	1113	STOCKTON ST	FLINT	48503	CDBG/EPA	ACM	FS-[4]	Linoleum Green and Yellow Pattern	160	SF
32	41-18-306-008	1113	STOCKTON ST	FLINT	48503	CDBG/EPA	ACM	FS-[2-4,6,9-15]	Brown Duct Wrap	100	LF
32	41-18-306-008	1113	STOCKTON ST	FLINT	48503	CDBG/EPA	ACM	EA-[1-4]	Black Window Caulk Exterior	120	LF
32	41-18-306-008	1113	STOCKTON ST	FLINT	48503	CDBG/EPA	HAZ	FS-[6,10,15]	CFL	3	EACH
32	41-18-306-008	1113	STOCKTON ST	FLINT	48503	CDBG/EPA	HAZ	FS-[15]	Stove	1	EACH
32	41-18-306-008	1113	STOCKTON ST	FLINT	48503	CDBG/EPA	HAZ	FS-[14]	Smoke Detector	1	EACH
32	41-18-306-008	1113	STOCKTON ST	FLINT	48503	CDBG/EPA	HAZ	FS-[15]	Refrigerator	1	EACH
32	41-18-306-008	1113	STOCKTON ST	FLINT	48503	CDBG/EPA	NOTE	Due to water damage, additional ACM and/ or RMS may be present in the Basement, FS-12 and FS-13.			
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	ACM	FS-[1,3-6,11,12,15,16,18]	White Duct Wrap	375	SF
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	ACM	FS-1	Black Piping Sealant	5	SF
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	ACM	FS-[10,12, 14]	9" Floor Tile Beige Patterned	575	SF
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	ACM	FS-[2,3,6,9-18]	Tan Trim Caulk	200	LF
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	ACM	FS-[2-18]	Plaster	4250	SF
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	ACM	FS-[17, 18]	Gray 12x12 Floor Tile	100	SF
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	ACM	FS-16	Gray and Blue 9x9 Floor Tile	100	SF
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	ACM	FS-1	Basement Window Glaze	30/ 3	LF/ WINDOWS
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	ACM	FS-[1-18]	*Vermiculite	600	CF
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	ACM	FS-1	*Octopus Furnace	1	EACH
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	HAZ	FS-3, FS-16	Ballast	2	EACH
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	HAZ	FS-3, FS-16	Fluorescent Light Bulb	2	EACH
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	HAZ	FS-3	Television	1	EACH
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	HAZ	FS-15	Smoke Detector	1	EACH
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	HAZ	FS-11	Incandescent Light Bulb	25	EACH
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	HAZ	FS-6	Automobile Tires	2	EACH
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	NOTE	Two surveys completed previously. Consultant revisited property to synthesize the reports. This report has been uploaded to box.com.			
33	41-18-307-016	1018	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	NOTE	Due to water damage, additional ACM and/ or RMS may be present in the FS-11 and FS-13			
34	41-18-308-026	1120	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	ACM	FS-[6]	Plaster on Mesh	300	SF
34	41-18-308-026	1120	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	ACM	FS-[6]	Yellow Linoleum	160	SF
34	41-18-308-026	1120	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	ACM	EA-[1-4]	White Window Caulk Exterior	170	LF
34	41-18-308-026	1120	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	ACM	EA-[1-4]	White Transite	1500	SF
34	41-18-308-026	1120	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	HAZ	FS-[4]	Smoke Detector	1	EACH
34	41-18-308-026	1120	S GRAND TRAVERSE	FLINT	48503	CDBG/EPA	NOTE	Due to structural and water damage, additional ACM and/ or RMS may be present in the Second Floor			

	PARCEL-NO	Address	Dir	Street	City	Zip	Fund	Category	Location	Material	Quantity	Measurement	
35	41-18-351-005	611	W	SIXTH ST	FLINT	48503	CDBG/EPA	ACM	FS-[1]	Octopus Furnace	1	EACH	
35	41-18-351-005	611	W	SIXTH ST	FLINT	48503	CDBG/EPA	ACM	FS-[1]	Grey Duct Wrap	80	LF	
35	41-18-351-005	611	W	SIXTH ST	FLINT	48503	CDBG/EPA	HAZ	FS-[4]	CFL	3	EACH	
35	41-18-351-005	611	W	SIXTH ST	FLINT	48503	CDBG/EPA	HAZ	FS-[4]	Smoke Detector	1	EACH	
35	41-18-351-005	611	W	SIXTH ST	FLINT	48503	CDBG/EPA	HAZ	FS-[4]	Refrigerator	1	EACH	
35	41-18-351-005	611	W	SIXTH ST	FLINT	48503	CDBG/EPA	HAZ	FS-[4]	Stove	1	EACH	
35	41-18-351-005	611	W	SIXTH ST	FLINT	48503	CDBG/EPA	HAZ	FS-[3]	Ballast	1	EACH	
36	41-18-354-002	1150		ANN ARBOR ST	FLINT	48503	CDBG/EPA	NOTE	Due to structural damage/collapse ACM or RMS may be preset in Basement and FS-4				
37	41-18-355-008	1210		STOCKTON ST	FLINT	48503	CDBG/EPA	TIRES	EA-[1]	Car Tires	3	EACH	
37	41-18-355-008	1210		STOCKTON ST	FLINT	48503	CDBG/EPA	NOTE	Due to fire damage and collapse, additional ACM and/ or RMS may be present in the entire interior.				
38	41-18-358-026	1226		WALKER ST	FLINT	48503	CDBG/EPA	ACM	FS-1	Grey Plaster	400	SF	
38	41-18-358-026	1226		WALKER ST	FLINT	48503	CDBG/EPA	ACM	FS-1	White Air Cell	50	LF	
38	41-18-358-026	1226		WALKER ST	FLINT	48503	CDBG/EPA	ACM	FS-1	Joint Mud	1	EACH	
38	41-18-358-026	1226		WALKER ST	FLINT	48503	CDBG/EPA	ACM	FS-[2-8]	White Plaster on Drywall	4000 SF	SF	
38	41-18-358-026	1226		WALKER ST	FLINT	48503	CDBG/EPA	NOTE	Due to fire and structural damage, additional ACM and/ or RMS may be present in the Second Floor and FS- 2				

# UNIT PRICE SCHEDULE FOR NON-SCOPE WORK ADD/DEDUCT

Bidders must also provide a unit rate price for the following items. Work will be added/deducted at the indicated rate accordingly:

Item No.	Asbestos Unit Rate Schedule	Unit	Unit Price
1	Sprayed-on Fireproofing	Square Foot	
2	Hard Wall/Ceiling Plaster (all layers, metal or wood lathe)	Square Foot	
3	Soft/Decorative Plaster (all layers, including substrate if necessary)	Square Foot	
4	Popcorn or Sprayed-on Ceiling or Wall Texture (all layers, including substrate if necessary)	Square Foot	
5	Exterior Stucco	Square Foot	
6	Drywall/Mud Compound	Square Foot	
7	Thermal System Insulation (TSI) Straight Pipe < 6" diameter	Linear Foot	
8	Thermal System Insulation (TSI) Straight Pipe > 6" to 12" diameter	Linear Foot	
9	Thermal System Insulation (TSI) Straight Pipe > 12" diameter	Linear Foot	
10	TSI Mud Fitting < 6" diameter	Each	
11	TSI Mud Fitting > 6 – 12" diameter	Each	
12	TSI Mud Fitting > 12" diameter	Each	
13	Duct Insulation (cloth or paper)	Square Foot	
14	Duct Insulation (fiberglass with ACM seam mud)	Square Foot	
15	Undercoated Sink	Each	
16	Fire Door	Each	
17	Floor Tile Only (any size)	Square Foot	
18	Floor Tile and Mastic (any size, any mastic type)	Square Foot	
19	Linoleum/Resilient Sheeting	Square Foot	
20	Linoleum/Resilient Sheeting and Mastic (any type)	Square Foot	
21	Window with associated caulk and/or glazing (any size including frame)	Each	
22	Door with associated caulk and/or glazing (any size including frame) (Not a fire door)	Each	
23	Furnace, boiler, or tank insulation (mud and jacket)	Square Foot	
24	Gravity Furnace	Each	
25	Glue, behind paneling, drywall, etc, on wood or concrete. Abatement or complete removal with substrate.	Square	
26	Transite (Panels, Siding or Board)	Square Foot	
27	Transite Pipe	Linear Foot	
28	Fireproof Panels	Square Foot	
29	Asphalt Brick Siding (e.g., Insul-Brick, Brick-Kote, etc.)	Square Foot	



Item No.	Asbestos Unit Rate Schedule	Unit	Unit Price
30	Electrical Panel	Each	
31	Glued-on ceiling tiles (any size) and glue pods	Square Foot	
32	Construction Adhesives/other glue pods	Square Foot	
33	Cove Base	Square Foot	
34	Vermiculite Insulation	Cubic Foot	
35	Miscellaneous Asbestos Debris (any type, total quantity)	Cubic Foot	
36	Foundation Tar, Complete removal and disposal	Square Foot	
37	Cementitious Materials	Square Foot	
38	Transite / asbestos utility piping (any size)	Linear Foot	
39	Roofing/Flashing/Tar (any type)	Square Foot	
40	Light Fixture Heat Shields	Each	
41	Foundation, wall or block caulk	Linear Foot	
42	Vapor barriers (any type)	Square Foot	
Item No.	Hazardous Material Unit Rate Schedule	Unit	Unit Price
43	PCB or other ballasts	Each	
44	Fluorescent light tubes, >4'	Each	
45	Fluorescent light tubes, 4' or less	Each	
46	Mercury thermostats or switches	Each	
47	Miscellaneous household chemical containers	Each	
48	CFC (refrigerator, freezer, any size)	Each	
49	CFC A/C unit (window or whole house)	Each	
50	High pressure light fixtures (sodium, mercury vapor, etc.)	Each	
51	Bicycle/Automobile/Truck tires	Each	
52	Semi truck or tractor tires (large)	Each	
53	Medication	Container	
54	Medical waste/ Needles	Container	
55	Empty 55-gallon drums	Each	
56	55-gallon drum with liquid	Each	
57	15-gallon drum with liquid	Each	
58	250 gallon fuel/heating oil tank, not including oil	Each	
59	Load, transport and dispose of non-hazardous contaminated soils	Cubic Yard	
60	Unknown waste material characterization (TCLP)	Per Waste Stream	
61	Unknown waste disposal(Drum)	Per drum	
62	Unknown waste disposal (Gallon)	Per gal	

63	Pumping and disposal of water via vac truck- bidder indicate unit and price		
64	Removal and disposal of water utilizing a vac truck and disposal at an appropriate facility	Indicate: Per Hour/ Per Gallon/ Per Tank	
65	<b>Hoist Removal and Disposal.</b> Lump Sum Cost for characterization of contents, removal of 1 hydraulic hoist, containing non-haz water or oil (<50 ppm PCBs). Cost includes mobilization, equipment, removal of associated piping, excavation, disposal/recycling, disposal of contents, and compacted backfill.	Each	
66	<b>Removal and Disposal of Underground Storage Tank (UST).</b> Characterization of contents, removal of UST (assume 1 - up to 5,000-gallon containing non-haz water, gasoline or diesel), mobilization, associated piping, site security, excavation, cut, clean, removal, and disposal/recycling, disposal of contents, and compacted backfill.	Each	
67	<b>Removal and Disposal of Underground Storage Tank (UST).</b> Characterization of contents, removal of UST (assume 1 - up to 10,000-gallon containing non-haz water, gasoline or diesel), mobilization, associated piping, site security, excavation, cut, clean, removal, and disposal/recycling, disposal of contents, and compacted backfill.	Each	
68	<b>Characterization of impacted materials: soil or liquids.</b> Unknown waste material characterization (TCLP).	Per Waste Stream	
69	<b>Disposal of impacted, non-hazardous soils/liquids.</b> Mobilization, site security, excavation, transportation and disposal of impacted soils/liquids considered non-hazardous.	YD/55 Gallon Drum	
70	<b>Collection and characterization of suspect ACM:</b> samples of all suspect ACM shall be collected by a Michigan Accredited Asbestos Inspector. analyzed by an accredited National Voluntary Laboratory Accreditation Program via polarized light microscopy and dispersion staining following the EPA Test Method (EPA-600/M4-82-020) utilizing first positive stop.	Per Sample	
Item No.	Construction / Restoration Items	Unit	Unit Price
71	Sidewalk Replacement	FLAG	
72	Curb Replacement / Install	LF	
73	<b>Procure and install "Jersey Barriers" in all ROW approaches. Jersey barriers to remain on site.</b> Obtain necessary permit(s), pay fee(s), and install concrete "Jersey Barriers" in property(ies) approach(es), outside of right of way, at intervals leaving 3 feet in between in accordance with City requirements .	Per barrier	
74	Demolish a structure as asbestos containing (to include all appropriate equipment, trained workers, required plans, and disposal)	Per Structure	
75	Mobilization for asbestos abatement	Per Structure	

76	Procurement and installation of 6 ft galvanized steel chain link permanent fencing as necessary for limiting site access. If utilized, installation of permanent fencing shall include installation of one chain link gate a per site with a minimum width of 6 feet. Gates must be capable of manual operation by one person.	LF	
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**If Bidder is aware of additional Unit Prices not described above, Bidder may provide a description and pricing of items in following table:**

<b>Additional Material Unit Rate Schedule</b>			
<b>Item No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>

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

Bidder, if awarded a Contract, hereby agrees to commence work under this contract and to complete final grade and have paperwork submitted by no later than dates indicated under the IMPORTANT DATES section.

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

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 depending on various factors including changes in priorities, readiness of projects prior to grant deadlines, and available funding. 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:

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

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**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

**Bid Number:** **LB 24-002**



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\_\_\_\_\_

**END OF SECTION**





## Attachment 3- Procedure to Request a Groundwater Variance

**From:** [Tiffany Minder](#)  
**To:** [Faith Finholm](#); [rmontri@mannaiksmithgroup.com](mailto:rmontri@mannaiksmithgroup.com); [Christina Kelly](#); [Jonathon Mateen](#)  
**Cc:** [Wesley Ulmer-Boyd](#)  
**Subject:** Re: Procedure to Request a Groundwater Variance  
**Date:** Wednesday, January 10, 2024 10:29:00 AM  
**Attachments:** [TABLE 46-146 + PFAS 2024.xlsx](#)  
[Discharge Prohibitions and Limits + PFAS -2024.docx](#)

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Good Afternoon All -

Below are the follow-up items that I had from our call on Monday:

- I have attached the most current Discharge Prohibitions and Limits.doc and Table 46-146 which include PFOS. Thanks again to Ryan for noticing that I had sent an older version of these files which did not include that parameter.
- Current sewer use rate for discharging to the City is: \$4.344 per 100 ft<sup>3</sup> (748 gallons)
- We had discussed if you could submit a single variance request to cover all of the properties
  - One Groundwater Discharge Variance request can be submitted to cover all of the properties as long as all the information for each of the properties is available and similar enough that one form can include all the comprehensive information.
  - If you do not have all of the addresses, estimated discharge dates, etc available when submitting the initial request, then multiple requests/forms should be submitted as that information becomes available to you. Each request could cover a group of properties for which you have enough information.
- We had also discussed if instead of testing the groundwater from each property if you could just analyze the groundwater from a random sampling of the properties and use that as representative data to have ground water variances approved for all of the properties. I have done some research and unfortunately that is not an option. We just don't know what was present in the basements of these structures (oil heaters, paint, solvents, fertilizers or other chemicals of concern) and how different the makeup of those potential pollutants is from one property to another. I am still asking around to see if I get any additional feedback, but as of now the directive would be that each property has to be sampled and tested individually.

Please let me know if you have any other questions or need any additional information from me.

Thanks,  
Tiffany Minder  
Environmental Compliance Supervisor  
Environmental Compliance Unit  
City of Flint WPCD  
810-766-7210 x3634  
[tminder@CityofFlint.com](mailto:tminder@CityofFlint.com)



On Mon, Dec 11, 2023 at 10:04 AM Faith Finholm <[ffinholm@thelandbank.org](mailto:ffinholm@thelandbank.org)> wrote:

It does! Thank you very much for your response. I figured it was such, but wanted to be sure.

Be happy. Be well.

*Faith C. Finholm*

Grants Manager

Genesee County Land Bank Authority

810-257-3088 Ext. 539

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**From:** Tiffany Minder <[tminder@cityofflint.com](mailto:tminder@cityofflint.com)>  
**Sent:** Monday, December 11, 2023 9:58 AM  
**To:** Faith Finholm <[ffinholm@thelandbank.org](mailto:ffinholm@thelandbank.org)>  
**Cc:** Wesley Ulmer-Boyd <[wboyd@thelandbank.org](mailto:wboyd@thelandbank.org)>; Christina Kelly <[ckelly@thelandbank.org](mailto:ckelly@thelandbank.org)>; Jonathon Mateen <[jmateen@thelandbank.org](mailto:jmateen@thelandbank.org)>  
**Subject:** Re: Procedure to Request a Groundwater Variance

Good morning all -

Discharge of anything other than rainwater to storm drains is strictly prohibited under federal stormwater regulations.

Yes, rainwater can collect pollutants as it flows into the catch basins and storm drains. But, pollutants picked up by rainwater are beyond our control and also far less concerning than groundwater pollutants. Groundwater has a much higher potential to introduce pollutants of concern than does rainwater, and far easier for us to test and regulate:

- Because groundwater moves rather slowly, it allows for extended contact time with potential pollutants which leads to concentrated buildups.
- Groundwater often leaches minerals and heavy metals from the soil.

- If the groundwater is coming from basements or demolition sites we often see lead and asbestos contamination.
- It is becoming much more common for us to see groundwater samples contaminated with PFAS and PCBs.

Storm sewers run directly to surface waters with no treatment occurring. Sanitary sewers come to the wastewater treatment facility, but the facility is not designed to remove these types of contaminants. That is why, if approved, groundwater is sent to the sanitary sewer and not the storm sewer and why analytical is required to determine what is present in the groundwater and if pre-treatment is required before sending it to the treatment plant.

Hope that helps to clarify why groundwater is restricted from being discharged into storm sewers and why it has to be tested before being approved to be pumped into sanitary sewers. Please let me know if you have any more questions.

Thanks,

Tiffany Minder

Environmental Compliance Supervisor

Environmental Compliance Unit

City of Flint WPCD

810-766-7210 x3634

[tminder@CityofFlint.com](mailto:tminder@CityofFlint.com)



On Fri, Dec 8, 2023 at 4:55 PM Faith Finholm <[ffinholm@thelandbank.org](mailto:ffinholm@thelandbank.org)> wrote:

Hi, Tiffany. Thank you for this information.

I did note that you discuss groundwater/surface water being disposed of in the sanitary.

What is the procedure/concerns/requirement regarding discharges to the storm? I mean, all the surface water that is collected on roads, parking lots, etc. is directed to the storm-correct? And what craziness does runoff from a parking lots and other abandoned and burned structures contain?

Your thoughts / direction on this would extremely appreciated.

Be happy. Be well.

*Faith C. Finholm*

Grants Manager

Genesee County Land Bank Authority

810-257-3088 Ext. 539

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**From:** Jonathon Mateen <[jmateen@thelandbank.org](mailto:jmateen@thelandbank.org)>  
**Sent:** Tuesday, November 7, 2023 3:06 PM  
**To:** Faith Finholm <[ffinholm@thelandbank.org](mailto:ffinholm@thelandbank.org)>; Christina Kelly <[ckelly@thelandbank.org](mailto:ckelly@thelandbank.org)>  
**Cc:** Wesley Ulmer-Boyd <[wboyd@thelandbank.org](mailto:wboyd@thelandbank.org)>  
**Subject:** FW: Procedure to Request a Groundwater Variance

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**From:** Tiffany Minder <[tminder@cityofflint.com](mailto:tminder@cityofflint.com)>  
**Sent:** Tuesday, November 7, 2023 2:41 PM

**To:** Jonathon Mateen <[jmateen@thelandbank.org](mailto:jmateen@thelandbank.org)>  
**Subject:** Procedure to Request a Groundwater Variance

Jonathan -

Because groundwater/surface water is a prohibited discharge to the sanitary sewer, a variance is required in order to pump it into the City of Flint's sanitary sewer. To request a variance you will need to do the following:

- Submit a Request to discharge into the sanitary sewer. The form is attached and the request should be submitted to me.
- Sample each discharge location and provide analytical results for the parameters specified in Table 46-146(c) of Discharge Prohibitions and Limits (attached below).
  - You can work with a contract lab to get this done or request for my team to collect the samples and run the analytical
  - You are responsible for the costs incurred for sampling and testing
- Provide the expected volume of ground/surface water to be discharged.
- Provide the expected duration of the discharge
- Contact the City of Flint's Customer Service to set up an account to pay for the discharge.
  - Tiffany Leppan ([tleppan@cityofflint.com](mailto:tleppan@cityofflint.com)) from customer service can help you
  - I believe the groundwater remediation rate is around \$4.845/ccf

After I receive the variance request and estimated volume, I can determine the sanitary sewer manhole that the ground/surface water can be discharged to and the rate at which it can be discharged so that it does not surcharge the sewer line.

Once I'm provided with the analytical data, I will review and let you know if your variance request is approved and work with you to coordinate dates for discharge.

If you have any questions, feel free to contact me.

Thanks,

Tiffany Minder

Environmental Compliance Supervisor

Environmental Compliance Unit

City of Flint WPCD

810-766-7210 x3634

[tminder@CityofFlint.com](mailto:tminder@CityofFlint.com)

## City of Flint Publicly-Owned Treatment Works Regulations Discharge Prohibitions and Limits (with Definitions)

### § 46-143 DEFINITIONS.

For the purposes of this Division, the following words and phrases shall have the meanings described in this section, unless the context in which they are used specifically indicates otherwise:

**ACT.** The term "act" means the Federal Water Pollution Control Act, also known as the Clean Water Act, as amended, 33 U.S.C. 1251, et seq., and all rules promulgated thereunder.

#### **BIOCHEMICAL OXYGEN DEMAND (BOD).**

Shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter and biologically oxidizable inorganic matter under standard laboratory procedures for 5 days, at 20 degrees Celsius, expressed in milligrams per liter concentration, using an approved method for BOD in Standard Methods for the Examination of Water and Wastewater, current edition.

**BYPASS.** The intentional diversion of waste streams away from any portion of a user's treatment facility needed for compliance with pretreatment standards to a point of discharge.

**CATEGORICAL PRETREATMENT STANDARDS (CPS).** Pollutant limits for discharges to POTWs, promulgated by US EPA in 40 CFR Chapter I, Subchapter N, Parts 405, et seq., in accordance with 307(b) and (c) of the Act, which are applicable to a non-domestic user which engages in a category or categories of industry that are subject to the following regulations:

Effluent Guidelines and Standards for Electroplating (40 CFR 413)  
Effluent Guidelines and Standards for Organic Chemicals Plastics, and Synthetic Fibers (40 CFR 414)  
Effluent Guidelines and Standards for Inorganic Chemicals (40 CFR 415)  
Effluent Guidelines and Standards for Fertilizer Manufacturing (40 CFR 418)

Effluent Guidelines and Standards for Petroleum Refining (40 CFR 419)  
Effluent Guidelines and Standards for Iron and Steel Manufacturing (40 CFR 420)  
Effluent Guidelines and Standards for Nonferrous Metals (40 CFR 421)  
Effluent Guidelines and Standards for Steam Electric Power Generating (40 CFR 423)  
Effluent Guidelines and Standards for Leather Tanning and Finishing (40 CFR 425)  
Effluent Guidelines and Standards for Glass Manufacturing (40 CFR 426)  
Effluent Guidelines and Standards for Rubber Processing (40 CFR 428)  
Effluent Guidelines and Standards for Timber Products (40 CFR 429)  
Effluent Guidelines and Standards for Pulp, Paper and Paper Board (40 CFR 430)  
Effluent Guidelines and Standards for Metal Finishing (40 CFR 433)  
Effluent Guidelines and Standards for Centralized Waste Treatment (40 CFR 437)  
Effluent Guidelines and Standards for Pharmaceutical Manufacturing (40 CFR 439)  
Effluent Guidelines and Standards for Transportation Equipment Cleaning (40 CFR 442)  
Effluent Guidelines and Standards for Waste Combustors (40 CFR 444)  
Effluent Guidelines and Standards for Landfills (40 CFR 445)  
Effluent Guidelines and Standards for Pesticide Chemicals Manufacturing (40 CFR 455)  
Effluent Guidelines and Standards for the Battery Manufacturing Point Source Category (40 CFR 461)  
Effluent Guidelines and Standards for Metal Molding and Casting (40 CFR 464)  
Effluent Guidelines and Standards for Coil Coating (40 CFR 465)  
Effluent Guidelines and Standards for Porcelain Enameling (40 CFR 466)  
Effluent Guidelines and Standards for Aluminum Fanning (40 CFR 467)  
Effluent Guidelines and Standards for Copper Forming (40 CFR 468)



Effluent Guidelines and Standards for Electrical and Electronic Components (40 CFR 469)  
Effluent Guidelines and Standards for Nonferrous Metals Forming and Metal Powders (40 CFR471)

**CFR.** The Code of Federal Regulations.

**CITY.** The City of Flint, Michigan, a Municipal Corporation.

**CITY WATER POLLUTION CONTROL MANAGER (CWPCM).** The CWPCM of the Department of Utilities of the City or other person or persons designated by that person or

by the City Administrator to exercise control over City Collection System and the POTW Treatment Plant or certain matters relating to the

City Collection System or the POTW Treatment Plant.

**CITY ENFORCEMENT OFFICER.** Any employee of the Water Pollution Control Division of the Department of Utilities of the City of Flint holding the title of Water Pollution Control Manager, Environmental Compliance Supervisor, Environmental Compliance Chemist, Senior Environmental Compliance Analyst, Environmental Compliance Analyst, or any other person authorized by the CWPCM to issue municipal civil infraction citations for violations of this Division.

**CODE.** The Code of the City of Flint.

**COLLECTION SYSTEM.** All of the sanitary sewers, lift stations, pumps, and other equipment of the City and of a municipality, drainage district, or other political subdivision of the state which has a contract with the City for discharge to the POTW Treatment Plant which are primarily installed to receive wastewater and pollutants directly from users for transmission to the POTW Treatment Plant.

**CONSTRUCTION.** Any placement, assembly, or installation of facilities or equipment (including contractual obligations to purchase such facilities or equipment) at the premises where such equipment will be used,

including preparation work at such premises, if such equipment will in any way actually or potentially affect the quality or quantity of discharges or the measurement or analysis of a discharge.

**COOLING WATER.**

The water discharged from any use in which the only pollutant added is heat, shall be considered non-- contract cooling water. Water discharged from any use in which heat and other pollutants have been added, shall be considered as contact cooling water.

**CPS.** Categorical Pretreatment Standards

**DAILY MAXIMUM.**

The arithmetic average of all the effluent samples for a pollutant collected during a calendar day.

**DISCHARGE.** The introduction (including infiltration) of pollutants into the POTW which is either intentional or unintentional.

**FLASHPOINT.** The minimum temperature at which vapor combustion will spread away from its source of ignition.

**FOODSERVICE FACILITY.** Any facility primarily engaged in activities of preparing or serving food or otherwise making food available for consumption by the public, such as a restaurant, commercial kitchen, hotel, school, hospital, church, prison, or correctional, civic, convention, banquet, recreational, or convalescent facility, which use one or more of the following food preparation activities: frying, boiling, blanching, roasting, toasting, poaching, infrared heating, scaring, barbecuing, or any other food preparation activity that produces a hot, non-drinkable food product in or on a receptacle that requires washing.

**GARBAGE.** Solid wastes from domestic or commercial preparation, cooking or dispensing of food, and from the handling, storage, or sale of produce.

**GRAB SAMPLE.** A sample which is taken from a discharge with no regard to the flow which is collected over a period of time not exceeding 15 minutes.

**GROUNDWATER.** Water which is pumped or otherwise captured from the ground and which is not used in a process. Mere treatment of groundwater is not use in a process.

**HEXANE-EXTRACTABLE MATERIAL.** Any material, such as fat, oil, or grease, which is recoverable from wastewater by extraction with n-hexane, using EPA test method I 664, Revision A, and as defined therein.

**HAZARDOUS SUBSTANCE.** Any substance as defined in Part 20 I of the Michigan Natural Resources and Environmental Protection Act, Act 451 of 1994, as amended, or the Federal Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended.

**INSTANTANEOUS CONCENTRATION.** The concentration in any grab sample.

**INTERCEPTOR.** A structure or device designed for removing floating or suspended hexane-extractable material and other viscous or dense substances from wastewater, by physical separation, prior to discharging the wastewater into the POTW.

**INTERFERENCE.** A discharge which, alone or in conjunction with a discharge or discharges from other sources, both: (1) inhibits or disrupts the POTW, its treatment processes or operations, or its sludge processes, use or disposal; and, (1f) therefore is a cause of a violation of any requirement of the NPDES permit for the POTW, the Act, or State Act (including an increase in the magnitude or duration of a violation) or of the prevention of sewage sludge use or disposal in compliance with the following statutory provisions and regulations or permits issued thereunder (or any more stringent state or local regulations): Section 405 of the Act, the Solid Waste Disposal Act (SWDA) (including Title II, more commonly referred to as the Resource

Conservation and Recovery Act (RCRA), and including state regulations contained in any state sludge management plan prepared pursuant to Subtitle D of the SWDA, the Clean Air Act, the Toxic Substances Control Act, and the Marine Protection, Research, and Sanctuaries Act.

**MAXIMUM ALLOWABLE INDUSTRIAL LOADING.** The daily maximum mass of a pollutant, in pounds per day, which may be allowed by the City to be discharged to the POTW by the aggregate of all non-domestic users.

**MDEQ.** The Michigan Department of Environmental Quality, Michigan Department of Environment, Great Lakes, & Energy (EGLE) or its successor.

**MGIL.** Milligrams per liter.

**UG/L.** Micrograms per liter.

**NEW SOURCE.** Any building, structure, facility, or installation from which there is or may be a discharge, the construction of which commenced after the publication of proposed pretreatment standards under Section 307(c) of the Act which will be applicable to such source if such standards are thereafter promulgated in accordance with that section, provided that:

(1) The building, structure, facility, or installation is constructed at a site at which no other source is located; or

(2) The building, structure, facility, or installation totally replaces the process or production equipment that causes the discharge at an existing source; or

(3) The production or wastewater generating processes of the building, structure, facility, or installation are substantially independent of an existing source at the same site. In determining whether these processes are substantially independent, the extent to which the new facility is integrated with the existing plant and the extent to which the new facility is engaged in the same general type of activity as the existing source shall be considered.

Construction on a site at which an existing source is located results in a modification rather than a new source if the construction does not create a new building, structure, facility, or installation meeting the criteria of (2) or (3) but otherwise alters, replaces, or adds to existing process or production equipment.

Construction of a new source has commenced if the owner or operator has:

(1) Begun, or caused to begin, as part of continuous on-site construction program:

a. Any placement, assembly, or installation of facilities or equipment; or

b. Significant site preparation work including clearing, excavation, or removal of existing buildings, structures, or facilities which is necessary for the placement, assembly, or installation of new source facilities or equipment; or

c. Entered into a binding contractual obligation for the purchase of facilities or equipment which are intended to be used in its operation within a reasonable time. Options to purchase; contracts which can be terminated or modified without substantial loss; and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under this paragraph.

**NON-DOMESTIC USER.** A user that discharges pollutants other than, or in addition to, sanitary sewage, but not including a user that is a municipality, drainage district, or other political subdivision of the state that only discharges from its own collection system to the City's Collection System.

**NPDES PERMIT.** A permit issued pursuant to the National Pollutant Discharge Elimination System to regulate the discharge of wastewater into the surface waters of the state.

**PASS THROUGH.** A discharge which exits the POTW into waters of the state in quantities or concentrations which, alone or in conjunction with a discharge or discharges from

other sources, cause a violation of any requirement of the Act or state act.

**PERSON.** Any individual, firm, municipality, company, association, society, corporation, partnership, or group, including their officers and employees who have responsibility for or actual involvement in the matters regulated by this Division.

**PH.** The logarithm (Base 10) of the reciprocal of the concentration of hydrogen ions in moles per liter of solution.

**POLLUTANT.** Any material which is discharged to the POTW or is proposed for discharge to the POTW. The term also includes properties of such materials such as pH and heat.

**POTW.** Publicly owned treatment works, as defined by Section 212 of the Act, which are owned by the City and the collection system. The term also means the City or its authorized representative. This term includes any devices, processes, and systems used by or for the City in the storage, treatment, recycling, or reclamation of wastewater or sludge from the treatment works or the collection system.

**POTW TREATMENT PLANT.** The POTW exclusive of the collection system.

**PREMISES.** A lot or parcel of land, generally, or each lot or parcel of land, or building, having any connection, direct or indirect, to the POTW, as the context of the word within this Division dictates.

**PRETREATMENT.** The reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater prior to or in lieu of discharging or otherwise introducing such pollutants into the POTW. The reduction or alteration may be obtained by physical, chemical, or biological processes, process changes, or by other means, except for the use of dilution, unless expressly authorized by an applicable pretreatment standard or requirement.

**SANITARY SEWAGE.** Wastewater or pollutants from toilet, kitchen, laundry, bathing, or other facilities all of which are used for household purposes or for non-commercial purposes at a commercial location.

**SEVERE PROPERTY DAMAGE.**

Substantial physical damage to property, damage to the treatment facilities of a user which causes them to become all or partially inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

**SEWER.** A pipe or conduit for carrying wastewater, storm water, surface runoff, or groundwater.

**SIGNIFICANT NON-DOMESTIC USER.**

Any non-domestic user of the POTW that:

(1) Has a monthly average discharge to the POTW of 25,000 gallons or more per day, excluding sanitary sewage, non-contact cooling water, and blowdown from heating or air conditioning systems; or

(2) Discharges or has a reasonable potential to discharge any toxic pollutant as defined pursuant to Section 307 of the Act, unless the actual or potential effect on the POTW is determined by the CWPCM to be insignificant; or

(3) Is found by the CWPCM to have a reasonable potential for adversely affecting the POTW, or for violating any limit, discharge prohibition, pretreatment standard or requirement; or

(4) Is subject to a CPS; or

(5) Discharges wastewater, other than sanitary sewage, non-contact cooling water, and blowdown from heating or air conditioning systems, which makes up 5% or more of the average dry weather hydraulic or organic capacity of the POTW.

**SLUDGE.** Solids or other residue, either of which are separated from wastewater and generated by any treatment process, or solids or other residue directly separated from a production process.

**SLUG DISCHARGE.** A discharge of a non-routine, episodic nature, including, but not limited to, an accidental spill or a non-customary batch discharge.

**SOURCE.** Any building, structure, facility, vehicle, or installation from which there is or may be a discharge to the POTW.

**STATE ACT.** Part 31 Water Resources Protection of the Michigan Natural Resources and Environmental Protection Act, Act 451 of 1994, as amended, and all rules promulgated thereunder.

**TOTAL SUSPENDED SOLIDS (TSS).** Solids that either total on the surface of, or are in suspension in, wastewater and which can be recovered by standard laboratory filtering, using an approved method for TSS in *Standard Methods for the Examination of Water and Wastewater*, current edition.

**UPSET.** An exceptional incident in which there is unintentional and temporary non-compliance with categorical pretreatment standards or other limits applicable to the user because of factors beyond the reasonable control of the user. An upset does not include non-compliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

**US EPA.** The United States Environmental Protection Agency or its successor.

**USER.** A person who discharges into the POTW and a municipality or drainage district whose collection system discharges into the POTW.

**WASTEWATER.** Water discharged to the POTW by a user which may or may not contain other pollutants. This term does not include storm water, surface runoff, or non-

contaminated groundwater and non-contact cooling water.

**§ 46-146 DISCHARGE PROHIBITIONS AND LIMITS.**

(a) *Discharge Prohibitions.* The provisions in this section are intended to:

(1) Prohibit the discharge to the POTW of wastewater which may cause pass-through or interference or which could have detrimental effects on the physical structures or operating personnel of the POTW, or on the general public or the environment, and

(2) Restrict the discharge to the POTW of storm water, groundwater, and non-contact cooling water.

(b) *Prohibited Discharges.* No user shall discharge, cause to be discharged, or allow to be discharged into the POTW any of the following:

(1) Pollutants which may or do create a fire or explosion hazard in the POTW, including, but not limited to, pollutants or wastewater with a closed cup flashpoint of less than 140° Fahrenheit (60° Celsius), as determined by a Pensky-Martens closed cup tester, using the test method specified in ATSM Standard D-93-79 or D-93-SOK (incorporated by reference, sec 40 CFR § 260.21) or a Setaflash closed cup tester, using the test method specified in ATSM Standard D-3278-78 (incorporated by reference, sec 40 CFR § 260.21), and pollutants which exceed 10% of the lower explosive limit (LEL) at any point within the POTW;

(2) Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute or chronic health and safety problems for workers or exceed any applicable occupational health or safety standard;

(3) Pollutants which may or do cause corrosive or abrasive structural damage to the POTW;

(4) Solid or viscous pollutants in amounts which may or do obstruct flow or cause interference in the POTW;

(5) Wastewater having an instantaneous pH less than 6.0 or greater than 10.5;

(6) Any pollutant, including oxygen-demanding pollutants, re-released in a discharge at a flow rate and/or pollutant concentration which may or do cause interference in the POTW;

(7) Pollutants which may or do cause:

A. Restriction of hydraulic capacity of structures in the POTW;

B. Unsafe conditions to personnel in the operation, inspection, or maintenance of the POTW or unsafe conditions to the general public, with respect to the collection system;

C. Exceptional or unreasonably burdensome effort, attention, or expense in the operation or maintenance of the POTW.

D. Heat in amounts which will inhibit biological activity in the POTW, resulting in interference, but in no case heat such that the temperature at the discharge to the collection system exceeds 150° Fahrenheit (66° Celsius) or the influent at the POTW treatment plant exceeds 104° Fahrenheit (40° Celsius).

(8) Pollutants which may or do cause pass-through or interference.

(9) Any pollutants which exceed, for that user, the limitations set forth in a categorical pretreatment standard, as adjusted under the combined wastestream formula in Michigan Rule R 323.2311(7), which may be expressed as concentration limits, mass limits, or both, as provided in Michigan Rule R 323.2311(5). A categorical pretreatment standard shall be adjusted if 40 CFR 403.15 applies and the criteria of 40 CFR 403.15(b) and (c) are met (net/gross calculation).

(10) Any liquids, gases, or solids which either singly or by interaction with other substances may or do create a public nuisance.

(11) Any pollutant introducing colors not removed in the POTW treatment process, such as but not limited to, dye wastes and vegetable tanning solutions.

(12) Any unpolluted water, non-contact cooling water, storm water, groundwater or surface water, unless the CWPCM gives written permission to the user for the discharge of such waters based on available hydraulic capacity and potential impacts on the POTW treatment capability. The scope and duration of the discharge of such waters shall be determined at the sole discretion of the CWPCM.

(13) Any radioactive wastes in harmful quantities as such quantities are defined by applicable state and federal regulations.

(14) Any grease or other pollutants that will become solid or viscous at a temperature of 140° Fahrenheit (60° Celsius) or below after being discharged into the POTW.

(15) Hazardous substances that were not listed or disclosed in the user's application for a use permit that:

A. May or do cause or contribute to a violation of state or federal water quality standards in the receiving waters to which the POTW discharges; or

B. Result in or contribute to a liability of the City under Part 201 of the Michigan

Natural Resources and Environmental Protection Act, Act 451 of 1994, as amended, or the Federal Comprehensive Environmental Response Compensation and Liability Act of

1980, as amended (CERCLA). Nothing in this paragraph determines the percentage share or allocation share amount of a user's Part 201 or CERCLA liability.

(16) Hazardous substances in quantities exceeding the numerical limit in a user's use permit which:

A. May or do cause or contribute to a violation of state or federal water quality standards in the receiving waters to which the POTW discharges; or

B. Result in or contribute to a liability of the City under Part 201 of the Michigan Natural Resources and Environmental Protection Act, Act 451 of 1994, as amended, or the Federal Comprehensive Environmental Response Compensation and Liability Act of 1980, as amended (CERCLA). Nothing in this paragraph determines the percentage share or allocation share amount of a user's Part 201 or CERCLA liability.

(17) Sludge, unless the CWPCM has determined that it is amenable to treatment by the POTW and does not otherwise violate any discharge prohibition.

(18) Any new or used petroleum oil or grease, non-biodegradable cutting oil, or products of mineral oil origin, in amounts that may or do cause interference or pass-through. Concentration limits for specific pollutants.

*(c) Pollutant Concentration Limits.*

(1) Discharges made by non-domestic users having concentrations of specific pollutants greater than the pollutant concentration limits described in Table 46-146(c) in the Appendix at the end of this Chapter are prohibited, except as regulated under Subsection D of this Section.

*(2) Measurement of Pollutant Concentration Limits.*

A. The instantaneous concentration limit for a specific pollutant shall apply to the instantaneous concentration of the pollutant measured by sampling in accordance with §46-149(A)(3) a.

B. The daily concentration limit for a specific pollutant shall apply to the daily concentration of the pollutant measured by sampling in accordance with § 46- 149(A) (3)b.

(d) *Special Alternative Limit.* The CWPCM may grant a special alternative limit (SAL) to a user in a use permit or an order that allows discharges to the POTW that are otherwise prohibited by this section. The SAL may include other special arrangements between the City and the user including, but not limited to, limits less than the discharge limits in Subsection C of this Section. The decision to grant a SAL shall be made at the sole discretion of the CWPCM. The SAL or special arrangement may be terminated or modified at will at any time by the City. A SAL or other special arrangement shall not create any vested rights or property rights in the user. A SAL or other special arrangement shall create no rights to discharge to the POTW which the user would not have in the absence of a SAL or special arrangement. Provisions relating to termination or modification of a SAL or special arrangement may be more fully set forth in the SAL or special arrangement document. As a condition precedent to the grant of a SAL or entry into a special arrangement, the City shall require the user to sign an acknowledgment and acceptance of the provisions of this subsection. Any SAL or special arrangement may contain provisions for the user to pay a compensatory charge to the City. A SAL shall not be higher than a categorical pretreatment standard unless a removal credit or a fundamentally different factor variance applies to allow the user to exceed the otherwise applicable categorical pretreatment standard. In such case, the SAL shall not exceed the limit allowed by the removal credit or variance. A violation of a SAL or of the terms of a special arrangement shall be a violation of this Division

(l) *Procedures for Establishing Special Alternative Limits.* In determining a SAL or a special arrangement, the CWPCM shall allocate a share of the maximum allowable industrial loading for the pollutant of concern set forth in Paragraph 2 of this Subsection among

one or more non-domestic users in amounts and on terms and conditions deemed appropriate by the CWPCM.

(2) *Maximum Allowable Industrial loadings.* The total mass of a pollutant of concern used by or allocated to all non-domestic users, including mass allocated by the CWPCM in establishing SALs for the pollutant, shall not exceed in the aggregate for all non-- domestic users the maximum allowable industrial loadings described in Table 46- 146(0)2 in the Appendix at the end of this Chapter.

(e) *Local Initiative Limits.* The CWPCM may impose limits on a user for pollutants not specifically listed in Table 46- 146(c) in the Appendix at the end of this Chapter, which may be in a use permit or in an order. In determining a local initiative limit (**LIL**), the CWPCM shall consider available data on acceptable POTW pollutant loading based on POTW design, treatability of the pollutant, the potential for pass-through or interference, current POTW pollutant loading, the properties of the pollutant, and other relevant factors deemed appropriate by the CWPCM. The CWPCM may also establish generally applicable LILs by rulemaking. A generally applicable LIL may be established and shall be enforceable as a discharge prohibition, provided the CWPCM first publishes notice of the proposed LILs in the newspaper in the City with the largest circulation, provides written notice to users who are known to the CWPCM to discharge a significant mass or concentration of the pollutant, and provides for an opportunity to interested persons to submit written comments. If significant public comments are received, the CWPCM shall hold a public hearing to take additional oral and written comments. After these procedures are completed, the CWPCM shall publish the final enforceable LILs in the same newspaper along with the effective date of the LILs.

(J) *Categorical Pretreatment Standards.* A user shall comply with all categorical pretreatment standards and any other pretreatment requirements established under

307(B), 307(C), or 402(8)(8) of the Act that are applicable to that user, as adjusted under the combined wastestream formula in Michigan Rule R 323.2311(7). If a categorical pretreatment standard and another limit contained in this Division or in an applicable state of Michigan pretreatment requirement regulate the same pollutant, then the more restrictive of them shall apply. If a user requests that a removal credit be applicable to that user, then such user shall pay all costs associated with supporting, obtaining, and administering the removal credit so that the City incurs no costs. It shall be at the sole discretion of the City whether or not a removal credit shall be established and how a removal credit shall be allocated.

(g) *Trucked Wastes.* No wastes or wastewater shall be discharged by any user or person into the POTW from a vehicle which transported the waste or wastewater to the point

of discharge. The preceding sentence does not prohibit a user from trucking wastes or wastewater to the user's treatment facility.

(h) *Future Conditions.* Future conditions imposed on the City by government agencies with proper jurisdiction may require subsequent amendment of this ordinance by the City. Where federal- or state-promulgated pretreatment standards require limits on parameters not covered in this ordinance or limits more stringent than those specified in the ordinance, the state or federal limits shall have precedence and take effect with respect to the applicable user on the later of their promulgation date or the date specified for compliance with such standards.

(i) *Reserved Right of Revision.* The City reserves the right to establish by ordinance, rule, order, or use permit more stringent limitations or requirements on discharges to the POTW.



## Appendix

Table 46-146c

Pollutant Concentration Limits

Table 46-146(d)(2)

Maximum Allowable Industrial Loadings

Table 46-146(c)

Pollutant	Daily Concentration Limits
Biochemical Oxygen Demand (BOD5)	1,196 mg/L
<b>Hexane-Extractable Material (HEM)</b>	<b>100 mg/l (Total HEM = Polar - Food based &amp; Non-Polar - Petroleum based) <sup>3</sup></b>
Ammonia - Nitrogen (NH <sub>3</sub> - N)	110 mg/L
Total Phosphorus	14 mg/L
Total Suspended Solids	570 mg/L
Total Arsenic	51 ug/L
Total Cadmium	44 ug/L
Total Chromium	1,273 ug/L
Total Copper	896 ug/L
Available Cyanide	3,300 ug/L
Total Lead	247 ug/L
Total Mercury	<b>Non-detect <sup>1</sup></b>
Total Nickel	543 ug/L
Total Silver	19 ug/L
Total Zinc	2,626 ug/L
Total PCBs	<b>Non-detect <sup>2</sup></b>
Benzene	190 ug/L
Ethyl Benzene	4,100 ug/L
Toluene	5,600 ug/L
Total Xylenes	6,800 ug/L
Per- and Polyfluoroalkyl Substances (PFAS)	<b>Non-detect <sup>3</sup></b>

**Table 46-146(d)(2)**

<b>Pollutant</b>	<b>Maximum Allowable Industrial Loading</b>
Biochemical Oxygen Demand (BODS)	35,900 Pounds/Day
Ammonia - Nitrogen {NH <sub>3</sub> - N}	3,300 Pounds/Day
Total Phosphorus	418 Pounds/Day
Total Suspended Solids	17,100 Pounds/Day
Total Arsenic	1.53 Pounds/Day
Total Cadmium	1.31 Pounds/Day
Total Chromium	38.2 Pounds/Day
Total Copper	26.9 Pounds/Day
Available Cyanide	2.06 Pounds/Day
Total Lead	7.40 Pounds/Day
Total Nickel	16.3 Pounds/Day
Total Silver	0.559 Pounds/Day
Total Zinc	78.8 Pounds/Day
Benzene	8.95 Pounds/Day
Ethyl Benzene	6.71 Pounds/Day
Toluene	116 Pounds/Day
Total Xylenes	12.9 Pounds/Day

<sup>1</sup> Mercury sample collection, preservation, and handling procedures and analytical protocol for compliance monitoring shall be in accordance with US-EPA Method 245.1, 245.2, or 1631, as determined by the CWPCM. Whenever the quantification level is above the discharge limit, the discharge of mercury at or above the quantification level shall represent an exceedance of the limit. The quantification level under Methods 245.1 and 245.2 are 0.2 ug/L, while Method 1631 shall be 0.5 ng/L, unless a higher level is appropriate due to matrix interference.

<sup>2</sup> Total PCB shall be defined as the sum of the concentrations of Aroclors 1016, 1221, 1232, 1242, 1248, 1254, and 1260. In addition, any detected Aroclor-specific measurements shall be reported. Total PCB sample collection, preservation and handling procedures and analytical protocol for compliance monitoring shall be in accordance with US EPA Method 608. The quantification level shall not exceed 0.2 ug/L, unless a higher level is appropriate due to sample matrix interference. Whenever the quantification level is less than or equal to the discharge limit, the discharge limit shall apply directly; however, whenever the quantification level is above the discharge limit, the discharge of Total PCB at or above the quantification level shall represent an exceedance of the limit.

<sup>3</sup> The Standard Ordinance limit of 100 mg/L for Total Hexane Extractable Material is applicable to all food waste HEM (polar) and all other discharges (non-polar SGT-HEM) which is recoverable from wastewater by extraction with n-hexane, using EPA test method 1664, Revision A.

<sup>4</sup> The Standard Ordinance Limit of 0.012 ug/L for Perfluorooctane Sulfonate (PFOS) is set to the Michigan EGLE Rule 57 Surface Water Quality Value (9-26-2022) due to it being classified as a Bioaccumulative Chemical of Concern.