THE CITY OF THE VILLAGE OF DOUGLAS
REGULAR MEETING OF THE CITY COUNCIL
MONDAY, FEBRUARY 06, 2023 AT 7:00 PM
86 W CENTER ST., DOUGLAS MI

AGENDA

To attend and participate in this remote meeting of the City of the Village of Douglas City Council, please consider joining online or by phone.

Join online by visiting: https://us02web.zoom.us/j/84670600413

Join by phone by dialing: +1 (312) 626-6799 **| Then enter "Meeting ID":** 846 7060 0413

1. **CALL TO ORDER:** By Mayor
2. **ROLL CALL:** By Clerk
3. **PLEDGE OF ALLEGIANCE:** Led by Mayor
4. **CONSENT CALENDAR**
   - **A.** Approval of February 6, 2023 Agenda
   - **B.** Meeting Date Changes Due to Holiday
   - **C.** Approval of January 17, 2023 Meeting Minutes
   - **D.** Approval of Invoices in the amount of $153,091.40
   - **E.** Appointments, Resignations & Proclamations
     1. Reappoint Kabri Martyniek to the Downtown Development Authority - Term end 1/2027

   Motion to approve the February 6, 2023 Consent Calendar - roll call vote
5. **PUBLIC COMMUNICATION - VERBAL (LIMIT OF 3 MINUTES)**
6. **PUBLIC COMMUNICATION - WRITTEN**
   - **A.** Interurban Grant - Informational Agenda Item
   - **B.** Water Street Letters - Carry Over From Last Agenda

C. John Thomas Letter - Re: Douglas Downtown

7. UNFINISHED BUSINESS

8. NEW BUSINESS

A. Resolution 01-2023 Escrow Policy and Resolution 05-2023 Fee Schedule

Motion to approve Resolution 01-2023 Escrow Policy and Resolution 05-2023 Fee Schedule. - roll call vote

B. Resolution 03-2023 Authorizing Alternate Board of Review Meeting Date

Motion to approve Resolution 03-2023 Authorizing an alternate Board of Review meeting date. - roll call vote

C. PM Environmental Change Order Number 3

Motion to approve PM Environmental Change Order No. 3 to prepare a risk-based disposal workplan for PCB remediation waste for construction material located at 200 Blue Star Highway for a fee of $6,500. - roll call vote

9. REPORTS

A. Commission/Committee/Boards

1. Planning Commission
2. Kalamazoo Lake Sewer Water
3. Downtown Development Authority
4. Kalamazoo Lake Harbor Authority - Next meeting April 18, 2023
5. Douglas Harbor Authority - Next meeting April 18, 2023
6. Douglas Brownfield Authority
7. Fire Board
8. Community Recreation
9. Playground Committee

B. Staff Written Reports

1. City Manager

10. PUBLIC COMMUNICATION – VERBAL (LIMIT OF 3 MINUTES)

11. COUNCIL COMMENTS

12. MAYOR'S REPORT/COMMENTS

13. ADJOURNMENT

Please Note – The City of the Village of Douglas (the "City") is subject to the requirements of the Americans with Disabilities Act of 1990. Individuals with disabilities who plan to attend this meeting and who require certain accommodations in order to allow them to observe and/or participate in this meeting, or who have

questions regarding the accessibility of this meeting or the facilities, are requested to contact Pamela Aalderink, City Clerk, at (269) 857-1438, or clerk@douglasmi.gov to allow the City to make reasonable accommodations for those persons. CITY OF THE VILLAGE OF DOUGLAS, ALLEGAN COUNTY, MICHIGAN

MEMORANDUM

REGULAR CITY COUNCIL MEETING

February 6, 2023 at 7:00 PM

TO: City Manager LaBombard

FROM: City Clerk Aalderink

DATE: February 6, 2023

SUBJECT: Meeting Calendar Change

The 2023 City Council meeting calendar has a few upcoming meetings that need to be changed due to holidays. As City Clerk I believe it would be beneficial to tend to these meetings all at once, rather than at the meeting(s) prior.

The following meeting dates require changes:

Monday, July 3, 2023	To	Wednesday, July 5, 2023
Monday, September 4, 2023	To	Wednesday, September 6

These change requests will be on the February 6, 2023 City Council agenda.

THE CITY OF THE VILLAGE OF DOUGLAS
REGULAR MEETING OF THE CITY COUNCIL
TUESDAY, JANUARY 17, 2023, AT 7:00 PM
86 W CENTER ST., DOUGLAS MI

MINUTES

1. **CALL TO ORDER**: By Mayor Donovan

2. **ROLL CALL**: By Deputy Clerk Kasper
   Present – Donovan, Seabert, O'Malley, Walker
   Absent – Naumann, North

3. **PLEDGE OF ALLEGIANCE**: Led by Mayor

4. **INTERVIEW & APPOINTMENT OF CITY COUNCILMEMBER**

   A. C. Daniel Urquhart
   B. Gregory Freeman

   Following candidate interviews by the council, paper ballots were cast for a candidate of choice, each ballot was then read aloud by members name and candidates name. The vote:

   Seabert – 1 vote cast for Freeman
   Donovan – 1 vote cast for Freeman
   O'Malley – 1 vote cast for Freeman
   Walker – 1 vote cast for Urquhart

   Vote required a 2/3 majority and did not carry, second vote went as follows:
   Mr. Urquhart stated a better review of the candidates is needed and pulled his name from the vote.

   Seabert – 1 vote cast for Freeman
   Donovan – 1 vote cast for Freeman
   O'Malley – 1 vote cast for Freeman
   Walker – 1 vote cast for Freeman

   Unanimous roll call vote for Freeman. Deputy Clerk Kasper administered the oath of office to Mr. Freeman.

5. **CONSENT CALENDAR**

   A. Approval of the January 17, 2023, Meeting Agenda

   B. Approval of the January 03, 2023, Meeting Minutes

   C. Approval of Invoices in the Amount of $126,190.42

D. 2023 Meeting Calendar – Due to a holiday the February meeting will be held on Tuesday, February 21, 2023.

Motion by Walker, with support from Seabert, to approve the Tuesday, January 17, 2023, Consent Agenda as amended. Motion carried by unanimous roll call vote.

6. PUBLIC COMMUNICATION - VERBAL (Limit 3 minutes)
Cynthia McKean, Saugatuck – Addressed the experience of biking on Water St. Very little space to pull off on the shoulder if larger vehicles are traveling by. Is an avid biker and would like the council to look at the speed limit on this road.

7. PUBLIC COMMUNICATION – Written comments regarding Water St. were received late and will appear on the next agenda of council.

8. UNFINISHED BUSINESS: No unfinished business to attend to.

9. NEW BUSINESS

A. Audit Presentation Fiscal Year Ending June 30, 2022
Treasurer Smith introduced Auditors from Siegfried, Dan Veldhuis. It has always been a joy working with the City of Douglas over the past years. Over 120 clients for our company and only 8 have heard an unmodified adjustment from their audit, the city should be proud as your treasurer is one of the 8. Mayor Donovan asked the auditors what would drive the liabilities up so high? The response was perhaps the city should have MERS come and give a presentation on full funding pension plans.

B. Zoom presentation by Kristin Armstrong. – No council action required.

Ms. Armstrong went over the upcoming 2023 events for the Saugatuck Center for the Arts.

C. Water Street Residents Presentation

City Manager LaBombard presented a brief analysis of what has been done by the city in regards to Water Street. There has only been one crash over the past year, road markings have been painted, and road improvements have been made.

Tracey Shafroth, Water St. resident requested this meeting to update new members on the number of times the residents along Water St have asked the city for assistance. She was informed by Allegan that it was the City's duty to post speed limits and she is asking the city to change Water St to a lower limit. Shafroth also read into the record a letter written by Ken Carls, Water St resident.

Brian Alexander, Water St. resident presented an extensive research of traffic on this street.
Other residents to address the traffic were D' Ambrosio and Eckhardt who believed the issue was more related to the two curves than anything else.

Prien Newhof had conducted a traffic study for the city several years ago and determined the speed was pretty much where it needed to be. If the residents would like to have the State Police do a study, they would probably raise the speed limit.

The council described this street as a perfect storm, as the population continues to grow so will the danger to walkers and bikers. All members would agree to find a reasonable solution. Some suggestions were to limit truck travel, make it a one way road, and to limit trucks by weight. A workshop will be held to discuss the issues on Water St.

D. Resolution 02-2023 - Drinking Water Asset Management Grant Resolution

Motion by Seabert, with support from O'Malley, to approve Resolution 02-2023 and accept EGLE's Drinking Water Asset Management grant in the amount of $349,500 and authorize the City Manager to sign the grant agreement. In addition, the Council does hereby increase the revenues in the Water and Sewer Fund -Reimbursement from State account 450-000-679.001 and increase the expenditures in the Water and Sewer Fund - Construction account 450-000-974 in the amount of $300,000. Motion carried by unanimous roll call vote.

E. Water Service Replacement Vendor

Motion by O'Malley, with support from Freeman, to approve Unema Plumbing of Holland, Michigan as a preferred sole source vendor for lead service line replacements for the remainder of the fiscal year. Motion carried by unanimous roll call vote.

10. REPORTS

A. Commission/Committee/Boards

1. Planning Commission reviewed 200 Center St. site plan, tabled until next meeting.
2. Douglas Brownfield Authority – City Manager gave a lengthy report on his weekly briefing, this can be found on the city website.
7. Fire Board – Mayor Donovan read the report into the record.

B. Staff Written Reports
1. City Manager – see written reports in packet

11. PUBLIC COMMUNICATION – VERBAL (LIMIT OF 3 MINUTES)

Water St. residents spoke in support of lowering the speed limit for safety purposes, one resident stated that she would not like a sidewalk to take care of. As stated earlier in the meeting all letters not received on time for the agenda will appear on the next council agenda.

12. COUNCIL COMMENTS

Walker- Next Wednesday at 9:00 am will hold office hours at Respite, 9-9:30.
Seabert stated Water St has gotten to the point that it is an issue and something that needs to be addressed.
Freeman questioned if there was a way to slow Water St down to 15 miles per hour? (No, you cannot post lower than 25 miles an hour, a cautionary 15 mph sign could go up.

13. MAYOR'S REPORT/COMMENTS

14. ADJOURNMENT

Motion by Seabert, with support from Walker, to adjourn.

Please Note – The City of the Village of Douglas (the "City") is subject to the requirements of the Americans with Disabilities Act of 1990. Individuals with disabilities who plan to attend this meeting and who require certain accommodations in order to allow them to observe and/or participate in this meeting, or who have

questions regarding the accessibility of this meeting or the facilities, are requested to contact Pamela Aalderink, City Clerk, at (269) 857-1438, or clerk@douglasmi.gov to allow the City to make reasonable accommodations for those persons. CITY OF THE VILLAGE OF DOUGLAS, ALLEGAN COUNTY, MICHIGAN

02/01/2023 INVOICE REGISTER REPORT FOR CITY OF THE VILLAGE OF DOUGLAS
EXP CHECK RUN DATES 02/06/2023 - 02/07/2023
BOTH JOURNALIZED AND UNJOURNALIZED
BOTH OPEN AND PAID

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt
1-27-23					
45239	PAMELA AALDERINK		01/27/2023	02/06/2023	77.16
	MILEAGE REIMBURSEMENT				
	101-215.000-861.000	MILEAGE REIMBURSEMENT			77.16
88664271					
45140	ABSOPURE WATER COMPANY		12/31/2022	02/06/2023	5.10
	POLICE WATER				
	101-301.000-740.000	SUPPLIES			5.10
88664272					
45141	ABSOPURE WATER COMPANY		12/22/2022	02/06/2023	3.80
	CITY HALL WATER				
	101-265.000-740.000	SUPPLIES			3.80
88697398					
45154	ABSOPURE WATER COMPANY		01/19/2023	02/06/2023	23.85
	CITY HALL WATER				
	101-265.000-740.000	SUPPLIES			23.85
88697411					
45187	ABSOPURE WATER COMPANY		01/19/2023	02/06/2023	43.50
	486 WATER ST WATER				
	101-463.000-740.000	SUPPLIES			43.50
AUG22					
45142	ALLEGAN COUNTY SHERIFF'S DEPT.		01/17/2023	02/06/2023	138.00
	DEBT CREW AUGUST				
	101-463.000-802.000	CONTRACTUAL			138.00
SEP22					
45143	ALLEGAN COUNTY SHERIFF'S DEPT.		01/17/2023	02/06/2023	180.00
	DEBT CREW SEPT				
	101-463.000-802.000	CONTRACTUAL			180.00
OCT22					
45144	ALLEGAN COUNTY SHERIFF'S DEPT.		01/17/2023	02/06/2023	212.00
	DEBT CREW OCT				
	101-463.000-802.000	CONTRACTUAL			212.00
NOV22					
45145	ALLEGAN COUNTY SHERIFF'S DEPT.		01/17/2023	02/06/2023	120.00
	DEBT CREW NOV				
	101-463.000-802.000	CONTRACTUAL			120.00
DEC22					
45146	ALLEGAN COUNTY SHERIFF'S DEPT.		01/17/2023	02/06/2023	250.00
	DEBT CREW DEC				
	101-463.000-802.000	CONTRACTUAL			250.00
1-24-23					
45189	ALLEN EDWIN HOME BUILDERS LLC		01/23/2023	02/06/2023	1,000.00
	RELEASE 454 SUMMERGROVE ESCROW				
	101-000.000-283.000	ESCROW			1,000.00

01/24/2023					
45206	ASH JAMES E		01/24/2023	02/06/2023	377.94
	2022 Win Tax Refund 59-780-009-00				
	703-000.000-275.000	DUE TO TAX PAYERS			377.94
144955					
45161	B S & A SOFTWARE		02/01/2023	02/06/2023	3,197.00
	BS&A SOFTWARE ANNUAL SERVICE/SUPPORT				
	101-701.000-802.000	CONTRACTUAL			655.00
	101-257.000-802.000	CONTRACTUAL			680.00
	101-215.000-802.000	CONTRACTUAL			1,862.00
41493517					
45148	BAUMANN & DEGROOT		01/13/2023	02/06/2023	376.00
	FURNACE WORK				
	101-265.000-930.000	REPAIRS & MAINTENANCE: GENERAL			376.00
1-24-23					
45190	BDR EXECUTIVE CUSTOM HOMES		01/23/2023	02/06/2023	2,507.00
	RELEASE OF ESCROW FOR 120 KEEWATIN CT				
	101-000.000-283.000	ESCROW			2,507.00
1-13-23					
45114	BILLY BROWN		01/13/2023	02/06/2023	70.09
	UNIFORM REIMBURSE				
	101-463.000-750.000	UNIFORMS			70.09
1-13-23					
45115	CODY CARPENTER		01/13/2023	02/06/2023	159.99
	UNIFORM REIMBURSEMENT				
	101-463.000-750.000	UNIFORMS			159.99
1-15-23					
45138	COMCAST		01/15/2023	02/06/2023	399.48
	POLICE OFFICE				
	101-301.000-851.000	TELEPHONE			399.48
1-5-23					
45200	COMCAST		01/05/2023	02/06/2023	312.96
	486 WATER				
	101-463.000-851.000	TELEPHONE			312.96
1-13-23					
45201	COMCAST		01/13/2023	02/06/2023	399.50
	CITY HALL				
	101-265.000-851.000	TELEPHONE			399.50
4152					
45112	COMMERCIAL RECORD		12/29/2022	02/06/2023	224.00
	PLANNING, ZBA NOTICES, COUNCIL OPENING				
	101-101.000-900.000	PRINTING & PUBLISHING			56.00
	101-701.000-900.000	PRINTING & PUBLISHING			84.00
	101-701.000-900.000	PRINTING & PUBLISHING			84.00
1-20-23					
45157	COMMUNITY PRIDE MI		01/20/2023	02/06/2023	30,784.60
	DISBURSE PRIDE FUNDS TO PRIDE				
	701-771.000-880.000	COMMUNITY PROMOTION			30,784.60
202075662386					
45198	CONSUMERS ENERGY		01/19/2023	02/06/2023	40.40
	PRIDE GARDEN				
	101-751.000-922.000	UTILITIES			40.40

202431627512					
45199	CONSUMERS ENERGY		01/19/2023	02/06/2023	49.28
	250 WILEY SCHULTZ PARK RAMP				
	213-753.000-922.000	UTILITIES			49.28
202698585289					
45216	CONSUMERS ENERGY		01/24/2023	02/06/2023	73.62
	177 WASHINGTON - POINT PLEASANT				
	594-597.000-922.000	UTILITIES			73.62
202698585288					
45217	CONSUMERS ENERGY		01/24/2023	02/06/2023	98.02
	201 WASHINGTON - POINT PLEASANT DOCKS				
	594-597.000-922.000	UTILITIES			98.02
202965553331					
45231	CONSUMERS ENERGY		01/27/2023	02/06/2023	46.28
	503 W CENTER - CENTER ST LIGHTS				
	101-463.000-922.000	UTILITIES			46.28
201719697868					
45232	CONSUMERS ENERGY		01/27/2023	02/06/2023	124.95
	25 MAIN ST BEERY FIELD BALL FIELD				
	101-751.000-922.000	UTILITIES			124.95
201808682004					
45233	CONSUMERS ENERGY		01/27/2023	02/06/2023	236.91
	POLICE				
	101-301.000-922.000	UTILITIES			236.91
201808682005					
45234	CONSUMERS ENERGY		01/27/2023	02/06/2023	271.58
	86 W CENTER				
	101-265.000-922.000	UTILITIES			271.58
201719697866					
45235	CONSUMERS ENERGY		01/27/2023	02/06/2023	429.05
	DPW				
	101-265.000-922.000	UTILITIES			429.05
201719697867					
45236	CONSUMERS ENERGY		01/27/2023	02/06/2023	429.47
	37 WASHINGTON - BEERY FIELD RESTROOMS				
	101-751.000-922.000	UTILITIES			429.47
RIS0004679102					
45151	DELTA DENTAL		01/16/2023	02/06/2023	1,743.82
	FEB DENTAL				
	101-172.000-719.000	INSURANCE BENEFITS			69.50
	101-215.000-719.000	INSURANCE BENEFITS			169.42
	101-265.000-719.000	INSURANCE BENEFITS			50.72
	101-301.000-719.000	INSURANCE BENEFITS			1,015.32
	101-701.000-719.000	INSURANCE BENEFITS			67.74
	101-463.000-719.000	INSURANCE BENEFITS			93.99
	101-751.000-719.000	INSURANCE BENEFITS			29.39
	202-463.000-719.000	INSURANCE BENEFITS			60.32
	202-464.000-719.000	INSURANCE BENEFITS			67.05
	203-463.000-719.000	INSURANCE BENEFITS			69.60
	203-464.000-719.000	INSURANCE BENEFITS			50.77
DEC2022BOR					
45181	MARIA DROZ		12/20/2022	02/06/2023	50.00

	BOARD OF REVIEW				
	101-257.000-807.000	BOARD OF REVIEW			50.00
01/24/2023					
45207	EVERSE RHONDA M & LYNN A TRUSTEES		01/24/2023	02/06/2023	854.05
	2022 Win Tax Refund 59-160-008-00				
	703-000.000-275.000	DUE TO TAX PAYERS			854.05
MIHOL434105					
45241	FASTENAL COMPANY		01/26/2023	02/06/2023	19.55
	TRAFFIC SIGNS				
	202-463.000-746.000	TRAFFIC SIGNS & SERVICES			9.78
	203-463.000-746.000	TRAFFIC SIGNS & SERVICES			9.77
MIHOL448660					
45242	FASTENAL COMPANY		01/26/2023	02/06/2023	119.04
	SUPPLIES				
	101-265.000-740.000	SUPPLIES			119.04
MIHOL451449					
45254	FASTENAL COMPANY		01/24/2023	02/06/2023	60.19
	BATHROOM CLEANING SUPPLIES				
	101-751.000-740.000	SUPPLIES			60.19
MIHOL451413					
45255	FASTENAL COMPANY		01/24/2023	02/06/2023	69.10
	BOLT BIN REPLACEMENT AND SHRINK WRAP TO SECURE & PROTECT SKIDS				
	101-265.000-740.000	SUPPLIES			69.10
MIHOL451325					
45257	FASTENAL COMPANY		01/20/2023	02/06/2023	233.79
	BUOY SUPPLIES				
	594-597.002-740.000	SUPPLIES			233.79
MIHOL450827					
45267	FASTENAL COMPANY		01/09/2023	02/06/2023	54.72
	ADD TO AND RESTOCK BOLT BIN				
	101-265.000-740.000	SUPPLIES			54.72
01/24/2023					
45208	GALLIVAN MARY J		01/24/2023	02/06/2023	74.18
	2022 Win Tax Refund 59-450-004-00				
	703-000.000-275.000	DUE TO TAX PAYERS			74.18
021312900					
45214	GALLS		01/24/2023	02/06/2023	41.60
	UNIFORM REIMBURSE				
	101-301.000-750.000	UNIFORMS			41.60
01/24/2023					
45209	GURSTEN STEVEN & STACEY B		01/24/2023	02/06/2023	15,982.42
	2022 Win Tax Refund 59-017-098-10				
	703-000.000-275.000	DUE TO TAX PAYERS			15,982.42
01/24/2023					
45210	HAJICEK ROBERT L		01/24/2023	02/06/2023	30.00
	2022 Win Tax Refund 59-016-002-00				
	703-000.000-275.000	DUE TO TAX PAYERS			30.00
SD552					
45252	HIGH POINT ELECTRIC		01/26/2023	02/06/2023	90.00
	INSPECTION OF ELECTRICAL SERVICE AT BEERY FIELD				
	101-802.000-958.000	MISCELLANEOUS			90.00
SD551					

45253	HIGH POINT ELECTRIC	01/26/2023	02/06/2023	929.80
	SCHULTZ PARK LAUNCH LIGHTING WORK			
	213-753.000-930.000 REPAIRS & MAINTENANCE: GENERAL			929.80
437996				
45277	HOLLAND P.T.	02/01/2023	02/06/2023	375.48
	HOLDER REPAIRS			
	660-903.000-930.004 VEHICLE MAINTENANCE & REPAIRS			375.48
1-20-23				
45184	KYLE HOOKER	01/20/2023	02/06/2023	171.74
	MEALS AND MILEAGE TO MISS DIG TRAINING			
	101-701.000-718.002 MISC TRAVEL EXPENSES-TRAINING			171.74
276265				
45246	IHLE AUTO PARTS	01/23/2023	02/06/2023	159.99
	TRUCK #8 NEEDED NEW BATTERY			
	660-903.000-930.004 VEHICLE MAINTENANCE & REPAIRS			159.99
276177				
45247	IHLE AUTO PARTS	01/19/2023	02/06/2023	60.42
	HOLDER REPAIR			
	660-903.000-930.004 VEHICLE MAINTENANCE & REPAIRS			60.42
276357				
45248	IHLE AUTO PARTS	01/27/2023	02/06/2023	21.98
	ANTIFREEZE			
	660-903.000-930.004 VEHICLE MAINTENANCE & REPAIRS			21.98
276365				
45249	IHLE AUTO PARTS	01/27/2023	02/06/2023	8.76
	HOLDER REPAIR			
	660-903.000-930.004 VEHICLE MAINTENANCE & REPAIRS			8.76
276492				
45276	IHLE AUTO PARTS	02/01/2023	02/06/2023	21.98
	ANTIFREEZE			
	660-903.000-930.004 VEHICLE MAINTENANCE & REPAIRS			21.98
1-20-23				
45158	JAMES CECH	01/20/2023	02/06/2023	450.00
	REFUND SLIP#15 DEPOSIT			
	594-000.000-654.000 SEASONAL SLIP FEES			450.00
455CENTERDEC22				
45127	KALAMAZOO LAKE SEWER & WATER	01/15/2023	02/06/2023	33.93
	ROOT BEER BARREL			
	101-751.000-922.000 UTILITIES			33.93
86CENTERDEC22				
45128	KALAMAZOO LAKE SEWER & WATER	01/15/2023	02/06/2023	63.36
	86 W CENTER			
	101-265.000-922.000 UTILITIES			63.36
47CENTERDEC22				
45129	KALAMAZOO LAKE SEWER & WATER	01/15/2023	02/06/2023	122.96
	47 CENTER			
	101-301.000-922.000 UTILITIES			122.96
50LKSHRDEC22				
45130	KALAMAZOO LAKE SEWER & WATER	01/15/2023	02/06/2023	46.75
	50 LAKESHORE DR BATHROOMS			
	101-751.000-922.000 UTILITIES			46.75
147CENTERDEC22				

45131	KALAMAZOO LAKE SEWER & WATER		01/15/2023	02/06/2023	7.29
	147 CENTER -PRIDE GARDEN				
	101-751.000-922.000	UTILITIES			7.29
25MAINDEC22					
45132	KALAMAZOO LAKE SEWER & WATER		01/15/2023	02/06/2023	6.79
	25 MAIN DRINKING FOUNTAIN				
	101-751.000-922.000	UTILITIES			6.79
25MAINIRRDEC22					
45133	KALAMAZOO LAKE SEWER & WATER		01/15/2023	02/06/2023	33.95
	25 MAIN ST IRRIGATION				
	101-751.000-922.000	UTILITIES			33.95
3100SCHULTZDEC22					
45134	KALAMAZOO LAKE SEWER & WATER		01/15/2023	02/06/2023	16.98
	3100 SCHULTZ PARK DR				
	101-751.000-922.000	UTILITIES			16.98
37WASHDEC22					
45135	KALAMAZOO LAKE SEWER & WATER		01/15/2023	02/06/2023	125.61
	37 WASHINGTON BATHROOMS				
	101-751.000-922.000	UTILITIES			125.61
201WASHDEC22					
45136	KALAMAZOO LAKE SEWER & WATER		01/15/2023	02/06/2023	46.75
	201 WASHINGTON				
	594-597.000-922.000	UTILITIES			46.75
486WATERDEC22					
45137	KALAMAZOO LAKE SEWER & WATER		01/15/2023	02/06/2023	62.92
	486 WATER NEW BARN				
	101-265.000-922.000	UTILITIES			62.92
1-27-23					
45240	LAURA KASPER		01/26/2023	02/06/2023	34.06
	MILEAGE REIMBURSEMENT				
	101-215.000-861.000	MILEAGE REIMBURSEMENT			34.06
217438					
45186	KERKSTRA RESTROOM SERVICE		01/23/2023	02/06/2023	175.00
	DOUGLAS BEACH				
	101-751.000-802.000	CONTRACTUAL			175.00
01/24/2023					
45211	KERR JEFFREY A		01/24/2023	02/06/2023	2,385.22
	2022 Win Tax Refund 59-016-025-00				
	703-000.000-275.000	DUE TO TAX PAYERS			2,385.22
3348738					
45262	LINDE GAS & EQUIPMENT		01/10/2023	02/06/2023	116.01
	HI-LO GAS				
	660-903.000-860.000	GAS & OIL			116.01
33732968					
45274	LINDE GAS & EQUIPMENT		01/23/2023	02/06/2023	42.79
	HI-LO GAS				
	660-903.000-860.000	GAS & OIL			42.79
01/24/2023					
45212	MAGLOCCI MICHAEL J TRUST		01/24/2023	02/06/2023	1,366.89
	2022 Win Tax Refund 59-017-033-00				
	703-000.000-275.000	DUE TO TAX PAYERS			1,366.89
DEC2022BOR					

45180	PAUL MARINEAU		12/20/2022	02/06/2023	50.00
	BOARD OF REVIEW				
	101-257.000-807.000	BOARD OF REVIEW			50.00
99614					
45243	MENARDS-HOLLAND		01/19/2023	02/06/2023	91.05
	REPAIR BARRICADES				
	101-802.000-958.000	MISCELLANEOUS			91.05
99893					
45244	MENARDS-HOLLAND		01/19/2023	02/06/2023	(22.20)
	RETURNS				
	101-802.000-958.000	MISCELLANEOUS			(22.20)
7475					
45153	MMTA		01/18/2023	02/06/2023	599.00
	BASIC INSTITUTE				
	101-215.000-718.000	TRAINING FUNDS			599.00
2023 DUES					
45106	MICHIGAN ASSOCIATION OF MAYORS		01/02/2023	02/06/2023	95.00
	ANNUAL DUES				
	101-101.000-908.000	DUES/FEES/PUBLICATIONS			95.00
4443688986					
45202	MICHIGAN GAS UTILITIES		01/24/2023	02/06/2023	240.93
	86 CENTER				
	101-265.000-922.000	UTILITIES			240.93
4443444159					
45203	MICHIGAN GAS UTILITIES		01/24/2023	02/06/2023	1,131.23
	486 WATER				
	101-265.000-922.000	UTILITIES			1,131.23
4443569537					
45204	MICHIGAN GAS UTILITIES		01/24/2023	02/06/2023	422.58
	47 CENTER				
	101-301.000-922.000	UTILITIES			422.58
4444575135					
45205	MICHIGAN GAS UTILITIES		01/24/2023	02/06/2023	107.62
	201 WASHINGTON ST POINT PLEASANT				
	594-597.000-922.000	UTILITIES			107.62
3885					
45111	MICHIGAN TWP. SERVICES ALLEGAN		01/09/2023	02/06/2023	3,355.00
	PERMIT FEES DECEMBER 2022				
	101-701.000-804.000	CONTRACTUAL BUILDING INSPECTIO			3,355.00
1862101					
45179	MILLER JOHNSON		01/18/2023	02/06/2023	1,501.00
	LABOR & EMPLOYMENT MATTERS				
	101-266.000-801.000	CONTRACTUAL ATTORNEY			1,501.00
18322					
45196	NEW DAWN LINEN SERVICE		01/23/2023	02/06/2023	42.78
	COMMERICAL CLEANING				
	101-265.000-802.000	COMMERCIAL CLEANING			15.01
	101-301.000-802.000	COMMERCIAL CLEANING			27.77
16464					
45197	NEW DAWN LINEN SERVICE		12/12/2022	02/06/2023	2.58
	REMAINING BAL ON INVOICE				
	101-265.000-802.000	COMMERCIAL CLEANING			2.58

69150					
45195	NICK UNEMA PLUMBING & HEATING INC		01/20/2023	02/06/2023	1,077.13
	342 FERRY LEAD SERVICE REPLACEMENT				
	450-000.000-974.000	CONSTRUCTION			1,077.13
282606383001					
45160	ODP BUSINESS SOLUTIONS		01/10/2023	02/06/2023	58.70
	CITY HALL SUPPLIES				
	101-265.000-740.000	SUPPLIES			58.70
01/24/2023					
45213	O'NEILL KEVIN & FORD CATHLEEN		01/24/2023	02/06/2023	74.18
	2022 Win Tax Refund 59-016-058-00				
	703-000.000-275.000	DUE TO TAX PAYERS			74.18
2301-632176					
45250	OVERISEL LUMBER CO.		01/24/2023	02/06/2023	10.99
	CAMERA BATTERY				
	101-265.000-740.000	SUPPLIES			10.99
2301-631532					
45256	OVERISEL LUMBER CO.		01/20/2023	02/06/2023	8.72
	BUOY SUPPLIES				
	594-597.002-740.000	SUPPLIES			8.72
2301-631159					
45260	OVERISEL LUMBER CO.		01/19/2023	02/06/2023	46.78
	BARRICADE REPAIR				
	101-802.000-958.000	MISCELLANEOUS			46.78
2301-631109					
45261	OVERISEL LUMBER CO.		01/19/2023	02/06/2023	72.77
	BARRICADE REPAIR				
	101-802.000-958.000	MISCELLANEOUS			72.77
2301-630500					
45263	OVERISEL LUMBER CO.		01/17/2023	02/06/2023	126.40
	BARRICADE REPAIR				
	101-802.000-958.000	MISCELLANEOUS			126.40
2301-629881					
45264	OVERISEL LUMBER CO.		01/13/2023	02/06/2023	43.68
	REPLACE LIGHTS				
	101-265.000-930.000	REPAIRS & MAINTENANCE: GENERAL			43.68
2301-629879					
45265	OVERISEL LUMBER CO.		01/13/2023	02/06/2023	13.98
	PAINT NEW SHEVLING IN DPW SHOP				
	101-265.000-930.000	REPAIRS & MAINTENANCE: GENERAL			13.98
2301-629299					
45268	OVERISEL LUMBER CO.		01/11/2023	02/06/2023	29.59
	HITCH PIN AND TOOL TO HEAT WRAP ELECTRICAL				
	660-903.000-930.004	VEHICLE MAINTENANCE & REPAIRS			15.54
	101-751.000-977.000	EQUIPMENT			14.05
2301-629328					
45269	OVERISEL LUMBER CO.		01/11/2023	02/06/2023	7.56
	BUOY REPAIR				
	594-597.002-740.000	SUPPLIES			7.56
10869943					
45182	PLUNKETT COONEY		01/10/2023	02/06/2023	5,377.50
	PROFESSIONAL SERVICES - SPECIALTY				

	101-701.000-801.000	CONTRACTUAL ATTORNEY		3,375.00
	101-266.000-801.000	CONTRACTUAL ATTORNEY		2,002.50
103014				
45238	PM ENVIRONMENTAL, INC	01/26/2023	02/06/2023	1,337.50
	ECONOMIC INCENTIVE CONSULTING			
	243-000.000-803.000	CONTRACTUAL CONSULTANT		1,337.50
71990				
45166	PREIN & NEWHOF	01/06/2023	02/06/2023	4,343.25
	2023 ROAD IMPROVEMENTS			
	203-463.000-806.000	CONTRACTUAL ENGINEERING		4,343.25
72011				
45167	PREIN & NEWHOF	01/06/2023	02/06/2023	1,272.00
	FELKERS			
	450-000.000-806.000	CONTRACTUAL ENGINEERING		1,272.00
72012				
45168	PREIN & NEWHOF	01/06/2023	02/06/2023	840.00
	CENTER ST DEVELOPMENT			
	101-701.000-806.000	CONTRACTUAL ENGINEERING		840.00
72013				
45169	PREIN & NEWHOF	01/06/2023	02/06/2023	1,260.00
	WILEY RD NON-MOTORIZED PATHWAY			
	202-463.000-806.000	CONTRACTUAL ENGINEERING		1,260.00
72014				
45170	PREIN & NEWHOF	01/06/2023	02/06/2023	2,468.40
	ST PETERS WATER MAIN REPLACEMENT			
	450-000.000-806.000	CONTRACTUAL ENGINEERING		2,468.40
72015				
45171	PREIN & NEWHOF	01/06/2023	02/06/2023	1,841.00
	UNION ST NON-MOTORIZED PATHWAY			
	203-463.000-806.000	CONTRACTUAL ENGINEERING		1,841.00
72018				
45172	PREIN & NEWHOF	01/06/2023	02/06/2023	1,612.50
	GENERAL CONSULTING			
	101-701.000-806.000	MISC UTILITY REVIEWS		168.00
	101-701.000-806.000	WATER/SEWER CONNECTION INSPECTIONS		597.00
	101-701.000-806.000	MISC PLANNING		595.50
	450-000.000-806.000	LEAD/GAL WATER SERVICES		252.00
72022				
45173	PREIN & NEWHOF	01/06/2023	02/06/2023	1,504.75
	333 BLUESTAR HIGHWAY SIDEALK PLANNING			
	403-463.000-979.000	CAPITAL OUTLAY		1,504.75
72023				
45174	PREIN & NEWHOF	01/06/2023	02/06/2023	420.00
	FOREST GATE			
	101-701.000-806.000	CONTRACTUAL ENGINEERING		420.00
72024				
45175	PREIN & NEWHOF	01/06/2023	02/06/2023	945.00
	LAKESHORE WOODS DRIVE PLAN REVIEW			
	101-701.000-806.000	CONTRACTUAL ENGINEERING		945.00
72026				
45176	PREIN & NEWHOF	01/06/2023	02/06/2023	1,116.00
	DOUGLAS FLATS			

	101-701.000-806.000	CONTRACTUAL ENGINEERING			1,116.00
72047					
45177	PREIN & NEWHOF		01/06/2023	02/06/2023	423.00
	DWAM ASSET MANAGEMENT PROGRAM				
	450-000.000-806.000	CONTRACTUAL ENGINEERING			423.00
72048					
45178	PREIN & NEWHOF		01/06/2023	02/06/2023	352.50
	DWAM - INVENTORY				
	450-000.000-806.000	CONTRACTUAL ENGINEERING			352.50
230170001219					
45149	PRIORITY HEALTH		01/16/2023	02/06/2023	19,116.68
	FEB HEALTH INSURANCE				
	101-172.000-719.000	INSURANCE BENEFITS			1,166.96
	101-215.000-719.000	INSURANCE BENEFITS			4,421.39
	101-265.000-719.000	INSURANCE BENEFITS			552.59
	101-301.000-719.000	INSURANCE BENEFITS			7,922.34
	101-701.000-719.000	INSURANCE BENEFITS			919.66
	101-463.000-719.000	INSURANCE BENEFITS			1,114.75
	101-751.000-719.000	INSURANCE BENEFITS			320.12
	202-463.000-719.000	INSURANCE BENEFITS			657.07
	202-464.000-719.000	INSURANCE BENEFITS			730.47
	203-463.000-719.000	INSURANCE BENEFITS			758.22
	203-464.000-719.000	INSURANCE BENEFITS			553.11
1-16-23					
45147	CELESTINO REYES		01/16/2023	02/06/2023	461.00
	VISION REIMBURSE				
	101-301.000-719.000	INSURANCE BENEFITS			461.00
60840217					
45155	ROSE PEST SOLUTIONS		12/28/2022	02/06/2023	44.00
	PEST CONTROL - POLICE				
	101-301.000-802.000	CONTRACTUAL			44.00
1-20-23					
45185	GREG SALINAS		01/20/2023	02/06/2023	26.22
	MEALS FOR MISS DIG TRAINING				
	101-701.000-718.002	MISC TRAVEL EXPENSES-TRAINING			26.22
1-30-23					
45259	GREG SALINAS		01/30/2023	02/06/2023	396.44
	DPW UNIFORM REIMBURSEMENT				
	101-463.000-750.000	UNIFORMS			396.44
23-568					
45156	SAUGATUCK TWP FIRE DISTRICT		01/16/2023	02/06/2023	75.00
	RENTAL HOME INSPECTIONS				
	101-701.000-802.000	CONTRACTUAL			75.00
23-570					
45229	SAUGATUCK TWP FIRE DISTRICT		01/23/2023	02/06/2023	75.00
	RENTAL HOME INSPECTIONS				
	101-701.000-802.000	CONTRACTUAL			75.00
12597					
45270	SCOTT'S LANDSCAPE MANAGMENT INC		01/31/2023	02/06/2023	8,541.50
	SNOW REMOVAL CONTRACT				
	202-464.000-802.002	CONTRACTUAL-SIDEWALK PLOWING			4,270.75
	203-464.000-802.002	CONTRACTUAL-SIDEWALK PLOWING			4,270.75

222918					
45258	SHARE CORPORATION		01/13/2023	02/06/2023	1,311.26
	PARK/CITY BUILDING SUPPLIES				
	101-751.000-740.000	SUPPLIES			289.90
	101-265.000-740.000	SUPPLIES			1,021.36
FEB23					
45150	STANDARD INSURANCE COMPANY		01/16/2023	02/06/2023	563.07
	FEB LIFE/STD				
	101-172.000-719.000	INSURANCE BENEFITS			39.38
	101-215.000-719.000	INSURANCE BENEFITS			91.50
	101-265.000-719.000	INSURANCE BENEFITS			20.59
	101-301.000-719.000	INSURANCE BENEFITS			251.04
	101-701.000-719.000	INSURANCE BENEFITS			15.76
	101-463.000-719.000	INSURANCE BENEFITS			32.29
	101-751.000-719.000	INSURANCE BENEFITS			11.93
	202-463.000-719.000	INSURANCE BENEFITS			24.49
	202-464.000-719.000	INSURANCE BENEFITS			27.22
	203-463.000-719.000	INSURANCE BENEFITS			28.26
	203-464.000-719.000	INSURANCE BENEFITS			20.61
11527-00					
45266	TERMINAL SUPPLY CO		01/12/2023	02/06/2023	469.03
	VEHICLE REPAIRS TO ELECTRICAL WIRING				
	660-903.000-930.004	VEHICLE MAINTENANCE & REPAIRS			469.03
16183-00					
45275	TERMINAL SUPPLY CO		01/31/2023	02/06/2023	346.64
	REPLACEMENT LIGHTS FOR PLOW TRUCKS				
	660-903.000-930.004	VEHICLE MAINTENANCE & REPAIRS			346.64
98944					
45273	VC3 INC		01/31/2023	02/06/2023	535.00
	POLICE REMOTE BACKUP SERVICE				
	101-301.000-802.000	CONTRACTUAL			535.00
9925224733					
45152	VERIZON WIRELESS		01/12/2023	02/06/2023	349.60
	CITY ISSUED PHONES				
	101-215.000-851.000	TELEPHONE			43.70
	101-301.000-851.000	TELEPHONE			43.70
	101-463.000-851.000	TELEPHONE			218.50
	101-101.000-851.000	TELEPHONE			43.70
9926161791					
45230	VERIZON WIRELESS		01/24/2023	02/06/2023	158.66
	DPW IPADS				
	101-463.000-851.000	TELEPHONE			158.66
95591					
45107	WILLIAMS AND WORKS		12/31/2022	02/06/2023	11,015.00
	PLANNING CONSULTATION SERVICES				
	101-701.000-803.000	CONTRACTUAL CONSULTANT			11,015.00
95530					
45108	WILLIAMS AND WORKS		12/31/2022	02/06/2023	4,170.70
	DDA DEVELOPMENT PLAN UPDATE				
	248-728.000-806.000	CONTRACTUAL ENGINEERING			4,170.70
R61813989					
45188	YOURMEMBERSHIP.COM INC		01/23/2023	02/06/2023	150.00

	PLANNING AND ZONING AD				
	101-701.000-900.000	PRINTING & PUBLISHING			150.00
R61824150					
45215	YOURMEMBERSHIP.COM INC		01/24/2023	02/06/2023	150.00
	DPW AD				
	101-463.000-900.000	PRINTING & PUBLISHING			150.00
Purchase Card Vendor: 10071 CARDMEMBER SERVICE					
1-23-23					
45271	1099ONLINE.COM		01/23/2023	02/07/2023	66.53
	ELECTRONIC FILING OF 1099				
	101-215.000-802.000	CONTRACTUAL			66.53
2355377543					
45113	ADOBE ACROBAT PRO		01/13/2023	02/06/2023	265.94
	ADOBE SUBSCRIPTIONS				
	101-172.000-740.000	SUPPLIES			45.24
	101-215.000-740.000	SUPPLIES			132.97
	101-701.000-740.000	SUPPLIES			66.49
	101-463.000-740.000	SUPPLIES			21.24
111-3329028-4137813					
45064	AMAZON MARKETPLACE		01/05/2023	02/06/2023	56.98
	DPW SUPPLIES, PARK SUPPLIES				
	101-463.000-740.000	SUPPLIES			16.99
	101-751.000-740.000	SUPPLIES			39.99
112-1942467-6462627					
45109	AMAZON MARKETPLACE		01/10/2023	02/06/2023	39.98
	CITY HALL SUPPLIES				
	101-265.000-740.000	SUPPLIES			39.98
111-6669510-3008258					
45110	AMAZON MARKETPLACE		01/10/2023	02/06/2023	604.63
	HEADLAMPS FOR DPW TRUCKS				
	660-903.000-930.004	VEHICLE MAINTENANCE & REPAIRS			604.63
111-9534338-7297851					
45139	AMAZON MARKETPLACE		01/13/2023	02/07/2023	34.99
	OFFICE SUPPLIES				
	101-265.000-740.000	SUPPLIES			34.99
111-8868694-1129857					
45159	AMAZON MARKETPLACE		01/17/2023	02/06/2023	(249.50)
	RETURNS				
	101-463.000-740.000	SUPPLIES			(249.50)
112-8366781-3084258					
45191	AMAZON MARKETPLACE		11/21/2022	02/06/2023	29.51
	OFFICE SUPPLIES				
	101-265.000-740.000	SUPPLIES			29.51
111-8617466-7217851					
45193	AMAZON MARKETPLACE		01/23/2023	02/07/2023	229.98
	POLICE SUPPLIES				
	101-301.000-740.000	SUPPLIES			229.98
113-0241367-5871478					
45194	AMAZON MARKETPLACE		01/24/2023	02/07/2023	40.00
	CITY HALL SUPPLIES				
	101-265.000-740.000	SUPPLIES			40.00
929402					

45251	APWA MICHIGAN	01/26/2023	02/07/2023	140.00
	APWA MEMBERSHIP RICK ZOET			
	101-463.000-908.000 DUES/FEES/PUBLICATIONS			140.00
1-13-23				
45165	CUDDEBACK	01/13/2023	02/06/2023	21.20
	SERVICE TO CATCH VANDALS AT 66TH ST PROPERTY			
	101-265.000-802.000 CONTRACTUAL			21.20
1-11-23				
45162	DUNES VIEW KWIK SHOP, INC	01/11/2023	02/06/2023	79.96
	HI-LO/ASPHALT TRAILER GAS			
	101-301.000-930.004 VEHICLE MAINTENANCE & REPAIRS			79.96
1-10-23				
45192	DUNES VIEW KWIK SHOP, INC	01/10/2023	02/06/2023	9.00
	CAR WASH			
	101-301.000-930.004 VEHICLE MAINTENANCE & REPAIRS			9.00
1-25-23				
45237	GRILL HOUSE	01/25/2023	02/07/2023	40.62
	101-215.000-718.002 MISC TRAVEL EXPENSES-TRAINING			40.62
1-20-23				
45183	MICHIGAN MUNICIPAL LEAGUE	01/20/2023	02/07/2023	350.00
	MML WINTER INSTITUTE - RICH			
	101-172.000-718.000 TRAINING FUNDS			350.00
1-13-23				
45163	STAPLES	01/11/2023	02/06/2023	134.98
	PRINTER INK AND DESK CALENDARS			
	101-265.000-740.000 SUPPLIES			134.98
1-19-22				
45164	STAPLES	01/19/2023	02/07/2023	(129.99)
	RETURN PRINTER INK			
	101-265.000-740.000 SUPPLIES			(129.99)
1-19-23				
45245	WALMART	01/19/2023	02/07/2023	69.96
	PRINTER INK			
	101-265.000-740.000 SUPPLIES			69.96
INV185545899				
45272	ZOOM VIDEO COMMUNICATIONS, INC	01/24/2023	02/07/2023	29.98
	MONTHLY ZOOM			
	101-101.000-958.000 MISCELLANEOUS			29.98
Total Purchase Card Vendor: 10071 CARDMEMBER SERVICE				1,864.75

# of Invoices:	148	# Due: 147	Totals:	153,493.09
# of Credit Memos:	3	# Due: 3	Totals:	(401.69)
Net of Invoices and Credit Memos:				153,091.40

--- TOTALS BY FUND ---

101 - GENERAL FUND	65,003.04
202 - MAJOR STREET FUND	7,107.15
203 - LOCAL STREETS FUND	11,945.34
213 - SCHULTZ PARK LAUNCH RAMP	979.08
243 - BROWNFIELD REDEVELOPMENT AUTHORITY FUND	1,337.50
248 - DOWNTOWN DEVELOPMENT AUTHORITY	4,170.70
403 - BLUE STAR CORRIDOR IMPROVEMENT FUND	1,504.75
450 - WATER SEWER FUND	5,845.03
594 - DOUGLAS MARINA	1,026.08
660 - EQUIPMENT RENTAL FUND	2,243.25
701 - GENERAL AGENCY FUND	30,784.60
703 - CURRENT TAX FUND	21,144.88

--- TOTALS BY DEPT/ACTIVITY ---

000.000 -	32,284.41
101.000 - LEGISLATIVE	224.68
172.000 - MANAGER	1,671.08
215.000 - CLERK/TREASURER	7,538.35
257.000 - ASSESSING	780.00
265.000 - BUILDING & GROUNDS	5,275.91
266.000 - ATTORNEY	3,503.50
301.000 - POLICE	11,847.74
463.000 - GENERAL STREETS & ROW	14,192.69
464.000 - GENERAL STREETS WINTER & ROW	9,990.73
597.000 - POINT PLEASANT	326.01
597.002 - DOUGLAS HARBOR AUTHORITY	250.07
701.000 - PLANNING & ZONING	24,817.11
728.000 - DOWNTOWN DEVELOPMENT AUTHORITY	4,170.70
751.000 - PARKS & RECREATION	1,806.69
753.000 - LAUNCH RAMPS	979.08
771.000 - COMMUNITY PRIDE	30,784.60
802.000 - COMMUNITY PROMOTIONS	404.80
903.000 - EQUIP. REPAIRS & MAINTENANCE	2,243.25

INTERURBAN
TRANSIT AUTHORITY
SAUGATUCK - DOUGLAS - SAUGATUCK TOWNSHIP
100 E Wiley Rd, P.O. Box 649, Douglas, MI 49406

FY 2024 ANNUAL

MDOT GRANT APPLICATION

Three Sections:

1. **Budget & Capital Requests**
2. **Vehicle List & Plans**
3. **General Requirements**

INTERURBAN TRANSIT AUTHORITY
(January, 2023)

FY 2024

BUDGET REQUESTS

Check List

__X__ 1. **Resolution of Intent**

__X__ 2. **Operating Request (Proposed Budget)**

__X__ 3. **Capital Budget (2023-2026 Projection)**

__X__ 4. **Public Notice**

INTERURBAN TRANSIT AUTHORITY
(January, 2023)

Michigan Department
Of Transportation
3078

FY 2024 RESOLUTION OF INTENT

The approved resolution of intent to apply for state formula operating assistance for fiscal year 2024 under Act 51 of the Public Acts of 1951, as amended.

WHEREAS, pursuant to Act 51 of the Public Acts of 1951, as amended (Act 51), it is necessary for the Interurban Transit Authority **(hereby known as THE APPLICANT) established under Act** 196 **to provide a local transportation program for the state fiscal year of 2024 and, therefore, apply for state financial assistance under provisions of Act 51; and**

WHEREAS, it is necessary for the governing body, to name an official representative for all public transportation matters, who is authorized to provide such information as deemed necessary by the State Transportation Commission or department for its administration of Act 51; and

WHEREAS, it is necessary to certify that no changes in eligibility documentation have occurred during the past state fiscal year; and

WHEREAS, the performance indicators have been reviewed and approved by the governing body.

WHEREAS, THE APPLICATION , has reviewed and approved the proposed balance (surplus) budget, and funding sources of estimated federal funds $ 211,281 **estimated state funds $** 397,978 **estimated local funds $** 467,370 **with total estimated expenses of $** 1,156,387

(Note: Local funds include fare box and any other local revenue)

NOW THEREFORE, be it resolved that THE APPLICANT hereby makes its intentions known to provide public transportation services and to apply for state financial assistance with this annual plan, in accordance with Act 51; and

HEREBY, appoints Phyllis Yff, Director **as the Transportation Coordinator, for all public transportation matters, who is authorized to provide such information as deemed necessary by the State Transportation Commission or department for its administration of Act 51 for 2024**

I, Marie Muha **(Name)** Secretary **(Secretary/Clerk) of THE Applicant , having custody of the records and proceedings of THE APPLICANT, does hereby certify that I have compared this resolution adopted by THE APPLICANT at the meeting of** January 17 **, 20** 23 **with the original minutes now on file and of record in the office and that this resolution is true and correct.**

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed seal of said resolution **, this** 17 **day of** January **A.D 20** 23

SIGNATURE

Interurban Transit Authority

FY24 Budget Proposal

Non Financial Schedule Report

FY21 Actual

	Weekday	Saturday	Sunday	Total
Vehicle Hours	9270	1722	1036	12028
Vehicle Miles	99945	19185	10834	129964
Regular Passengers	19783	9265	4068	33116
Elderly Passengers	6202	1423	786	8411
Pass w/Disabilities	1916	421	255	2592
Elderly Pass w/Disabilities	1689	241	182	2212
Total Passengers	29590	11350	5291	46231
Days Operated	257	52	52	361

Total Demand Res Veh	8
Vehicles w lift	8
Gas - Gallons	21455
Total Employees	11
Total Operators	6

FY22 Actual

	Weekday	Saturday	Sunday	Total
Vehicle Hours	10060	1796	1122	12978
Vehicle Miles	125471	22143	12801	160415
Regular Passengers	28106	11870	4179	44155
Elderly Passengers	7061	1578	874	9513
Pass w/Disabilities	1578	264	96	1938
Elderly Pass w/Disabilities	2470	349	240	3059
Total Passengers	39215	14061	5389	58665
System Hours	3077	532	455	4064
Days Operated	260	50	52	362

Total Demand Res Veh	8
Vehicles w lift	8
Gas - Gallons	17879
Propane	1237
Total Employees	12
Total Operators	7

FY23 Budget (90% 2019 except hours)

	Weekday	Saturday	Sunday	Total
Vehicle Hours	9270	1722	1036	12028
Vehicle Miles	106503	21168	12734	140405
Regular Passengers	26731	13076	4131	43938
Elderly Passengers	6358	1616	952	8925
Pass w/Disabilities	2867	339	253	3460
Elderly Pass w/Disabilities	2057	356	289	2702
Total Passengers	38012	15387	5625	59025
System Hours	3067	572	429	4068
Days Operated	255	53	53	361

Total Demand Res Veh	8
Vehicles w lift	8
Gas - Gallons	12000
Propane Gallons	6000
Total Employees	12
Total Operators	8

FY24 Proposed Budget FY22+20% except hours (12%)

	Weekday	Saturday	Sunday	Total
Vehicle Hours	11106	1926	1514	14546
Vehicle Miles	150565	26572	15361	192498
Regular Passengers	33727	14244	5015	52986
Elderly Passengers	8473	1894	1049	11416
Pass w/Disabilities	1894	317	115	2326
Elderly Pass w/Disabilities	2964	419	288	3671
Total Passengers	47058	16873	6467	70399
System Hours	3317	532	455	4304
Days Operated	258	52	53	363

Total Demand Res Veh	8
Vehicles w lift	8
Gas - Gallons	16000
Propane Gallons	4000
Total Employees	13
Total Operators	9

PUBLIC NOTICE

INTERURBAN TRANSIT AUTHORITY
PROPOSED STATE AND FEDERAL APPLICATION FOR OPERATING AND CAPITAL ASSISTANCE

All citizens are advised that the Interurban Transit Authority has prepared an application for State of Michigan financial assistance for fiscal year 2024 as required under Act 51 of the Public Acts of 1951, as amended, and for federal assistance as required under the federal transit laws, as amended.

The Interurban Transit Authority is requesting a total of $ 1,039,789 through the following funding programs:

Program	Description	Total Amount
State Operating		$397,978
Federal 5311 Operating		$205,781
Federal 5339 Capital		$436,030
	$199,030 for Replacement Bus	
	$52,000 for Replacement Office Equipment and Furniture	
	$5000 for A&E Services for Facility Upgrades	
	$180,000 for Building Addition and remodeling	

The Interurban Transit Authority ensures that the level and quality of transportation service is provided without regard to race, color, or national origin in accordance with Title VI of the Civil Rights Act of 1964. For more information regarding our Title VI obligations or to file a complaint please contact us at the address given below.

The proposed application is on file at the Interurban Transit Authority, 100 Wiley Road, Douglas, Michigan, and may be reviewed during a 30-day period (January 26 through February 27, 2023), between the hours of 7 a.m. and 6 p.m.

Written comments regarding the application and/or written requests for a public hearing to review the application must be received by February 28, 2023. Should a hearing be requested, notice of the scheduled date, time, and location will be provided at least 10 days in advance.

Submittals should be sent to the Interurban Transit Authority, P.O. Box 649, Douglas, Michigan, 49406, or via e-mail to pyff@saugatuckinterurban.org.

FY 2024

VEHICLE LISTING & PLANS

Check List

__X__ 1. Vehicle Inventory Schedule

__X__ 2. Vehicle Accessibility Plan

__X__ 3. Service Coordination Plan

INTERURBAN TRANSIT AUTHORITY
(January, 2023)

Michigan Public Transit Facts
Vehicle Listing Report

Interurban Transit Authority

Vehicle Identification Number (VIN)	State ID	Local ID	Status	Type	Seat Qty.	Lift Qty.	Year	Mileage	Repl Req.	Repl. Fund	Vehicle Length (in feet)
1FDFE4FS4EDA18251	71-5865	27	ASSIGNED	LghtDty-Cutaway	16	2	2014	195,419	2020	2020	24
1FDFE4FS4KDC71467	71-6913	33	ASSIGNED	LghtDty-Cutaway	14	1	2020	42,953	_	_	24
1FDFE4FS6KDC71468	71-6914	32	ASSIGNED	LghtDty-Cutaway	14	1	2020	69,519	_	_	24
1FDFE4FS8KDC17220	71-6446	30	ASSIGNED	LghtDty-Cutaway	14	1	2019	111,697	_	_	22
1FDFE4FS9HDC22211	71-6212	28	ASSIGNED	LghtDty-Cutaway	10	1	2017	140,577	2024	_	24
1FDRE4FS8KDC17221	71-6440	31	ASSIGNED	LghtDty-Cutaway	14	1	2019	100,108	_	_	22
1FDVU4X82LKB75724	71-7039	34	ASSIGNED	Full Size Van	14	1	2021	28,832	_	_	21
1FDVU4X84LKB75725	71-7040	35	ASSIGNED	Full Size Van	14	1	2021	21,369	_	_	21

INTERURBAN
TRANSIT AUTHORITY
SAUGATUCK - DOUGLAS - SAUGATUCK TOWNSHIP
100 E Wiley Rd, P.O. Box 649, Douglas, MI 49406

Accessibility Plan

1. Purpose

This accessibility plan is submitted in compliance with Section 10e(18) of the Michigan Transportation Fund Act (MCL 247.660e) (hereinafter "the Act") and the official administrative rules for administration of Michigan's Comprehensive Transportation Fund. The purpose of this accessibility plan is to describe the demand-response service provided by Interurban Transit Authority to senior persons and individuals with disabilities. This accessibility plan demonstrates it is the policy of Interurban Transit Authority to comply with the following requirements of Section 10e(18):

A. That demand-response service is provided to persons 62 years of age or older and individuals with disabilities residing in Interurban Transit Authority's entire service area. (See attached map defining the service area.)

B. That as a minimum, demand response service is provided to persons 62 years of age or older and individuals with disabilities during the same hours as service is provided to all other persons in Interurban Transit Authority's service area.

C. That the average time required for demand response service to persons 62 years and older and individuals with disabilities, from the initiation of a service request to arrival at the destination, is equal to the average time period required for demand response service provided to all other persons in Interurban Transit Authority's service area.

D. That Interurban Transit Authority has established a Local Advisory Council with not less than 50 percent of its membership representing persons 62 years of age or older and individuals with disabilities in Interurban Transit Authority's service area. At least one member (or 12 percent of membership) has been appointed jointly with the area agency on aging. The Local Advisory Council has had an opportunity to review and comment on this plan before its submission to the Michigan Department of Transportation. (See attached Interurban Transit Authority LAC minutes)

All rules cited below refer to the official administrative rules for the administration of the Comprehensive Transportation Fund. These rules are found in the Michigan Administrative Code, beginning at Rule 241.4101, et seq.

2. Definition of Senior and Individual with a Disability - Rule 201 (2) (c)

As used in this Accessibility Plan

1. LAC Chairperson Name Sherry Owens
AFFILIATION Allegan County Senior & Veteran Services
This Member is a:

___Person with Disabilities
___Person 62 years and older
___Neither of the above groups
___Represents one of the above
___Jointly appointed by the area agency on aging
___A user of public transportation
_X_Neither of the above

2. Kendrick Heinlein
AFFILIATION Area Agency on Aging

___Person with Disabilities
___Person 62 years and older
___Neither of the above groups
_X_Represents one of the above
_X_Jointly appointed by the area agency on aging
___A user of public transportation
___Neither of the above

3. Linda Escott
AFFILIATION None
This Member is a:

_X_Person with Disabilities
___Person 62 years and older
___Neither of the above groups
___Represents one of the above
___Jointly appointed by the area agency on aging
_X_A user of public transportation
___Neither of the above

4. Holly Harvey
AFFILIATION Disability Network/Lakeshore
This Member is a:

___Person with Disabilities
___Person 62 years and older
___Neither of the above groups
_X_Represents one of the above
___Jointly appointed by the area agency on aging
___A user of public transportation
_X_Neither of the above

5. Norma MacDonald
AFFILIATION Allegan County Senior & Veteran Services
This Member is a:

___Person with Disabilities
_X_Person 62 years and older
___Neither of the above groups
___Represents one of the above
___Jointly appointed by the area agency on aging
_X_A user of public transportation
___Neither of the above

6. Roger Bird
AFFILIATION The Arc of Allegan County
This Member is a:

___Person with Disabilities
___Person 62 years and older
___Neither of the above groups
_X_Represents one of the above
___Jointly appointed by the area agency on aging
___A user of public transportation
_X_Neither of the above

Interurban Transit Authority's fare structure that is in use for seniors, individuals with disabilities, and the general public for demand response and fixed route service is as follows:

	General Public	Seniors/Disabled
Demand Response	$1.00	$.50

10. Map and Narrative Description of Service Area – Rule 201 (2) (f)

For demand-response service, Interurban Transit Authority's Service Area is: Saugatuck Township including the cities of Saugatuck and Douglas. Northern border: 136th, Southern Border: M-89 (124th Street), Eastern Border: 60th Street, Western Border: Lakeshore Drive. This is approximately 30 square miles.

Refer to the attached map of Interurban Transit Authority's service area, depicting Interurban Transit Authority's service area and routes.

11. Service Schedule – Rule 201 (2) (g)

Interurban Transit Authority's current service schedules, including hours of day and days per week for demand response service is as follows: Monday through Friday – 7am to 6pm, Saturday 9am to 6pm, Sunday 9am to 4pm.

12. Schedules in Alternative Formats – Rule 201 (2) (h)

Interurban Transit Authority has made arrangements to produce copies of its current service schedule in an alternative format that can be utilized by persons who are blind or have other disabilities.

13. Vehicle Availability On Other Than Regular Service Hours and Days – Rule 201 (2) (i)

Interurban Transit Authority does not make demand-response service vehicles available for use during hours or days other than regular service hours and days. Interurban Transit Authority confirms that accessible transit vehicles are available for use by the senior and individuals with disabilities to the same extent as the general public.

14. Advance Requests for Demand Actuated Service – Rule 201 (2) (j)

Interurban Transit Authority does not require that seniors, people with disabilities, and the general public must make an advance request to obtain demand response service.

15. Constraints on Capacity and Restrictions on Trip Purpose – Rule 201 (2) (k)

Interurban Transit Authority provides service to all customers with no constraints on capacity and no restrictions on trip purpose.

16. Local Advisory Council Comments on this Plan – Rule 201(2) (m)

Michigan Department
Of Transportation
3071

FY 2024 COORDINATION PLAN FOR LOCAL BUS OPERATING ASSISTANCE

All agencies applying for Local Bus Operating Assistance must submit a coordination plan. (If an agency also is applying for Specialized Services Operating Assistance, only the Specialized Services coordination plan is required.)

Organizations must ensure that the level and quality of service will be provided without regard to race, color or national origin and that there is no disparate impact on groups protected by Title VI of the Civil Rights Act of 1964 and related statutes and regulations.

Name of Applicant (legal organization name)

Interurban Transit Authority

TRANSIT PROVIDER/PURCHASER AND COORDINATION EFFORTS

Describe efforts for coordinating transit services with each of these agencies, including any purchase of service arrangements, training, maintenance, and dispatching services, etc. Also include a description of the process used to ensure coordination efforts are being pursued (i.e., LAC meetings, public hearings, etc.)

Our immediate service area contains no other service providers except the local school district. The county wide public transit service, Allegan County Transportation, provides some service to individuals in our service area needing medical transportation out of our service area. Interurban, Allegan County Transportation, Area Agencies, and local residents meet 2-4 times per year to share information about our offered services.

FY 2024

GENERAL REQUIREMENTS

Check List

___X___ 1. Federal & State Certifications

___X___ 2. Labor Warranty

___X___ 3. Title VI & ADA Information

INTERURBAN TRANSIT AUTHORITY
(January, 2023)

Michigan Department
Of Transportation
3079

FY 2024 FTA CERTIFICATIONS AND ASSURANCES

Name Of Applicant (legal organization name)

Interurban Transit Authority

The Applicant agrees to comply with the applicable requirements of categories below. *☑
Those requirements that do not apply to you or your project will not be enforced.

Categories	Descriptions
01.	Certifications and Assurances Required of Every Applicant.
02.	Public Transportation Agency Safety Plans.
03.	Tax Liability and Felony Convictions.
04.	Lobbying.
05.	Pivate Sector Protections.
06.	Transit Asset Management Plan.
07.	Rolling Stock Buy America Reviews and Bus Testing.
08.	Formula Grants for Rural Areas.
09.	Grants for Buses and Bus Facilities and Low or No Emission Vehicle Deployment Grant Programs.
10.	Enhanced Mobility of Seniors and Individuals with Disabilities Programs.
11.	Alcohol and Controlled Substances Testing.
12.	Demand Responsive Service.
13.	Interest and Financing Costs.
14.	Emergency Relief Program.

FTA and MDOT intend that the certifications and assurances the Applicant has selected on this form should apply, as required, to each project for which the Applicant seeks FTA assistance during application year.

The Applicant affirms the truthfulness and accuracy of the certifications and assurances it has made in the statements submitted herein with this document, and acknowledges that the provisions of the program Fraud Civil Remedies Act of 1986, as amended, 31 U.S.C. 3801 et.seq., and Implemented by DOT regulations, 'Program Fraud Civil Remedies,' 49 CFR part 31 apply to any certification, assurance, or submission made to FTA. The criminal fraud provisions of 18 U.S. C. 1001 may apply to any certification, assurance, or submission made in connection with any program administered by FTA.

Michigan Department
Of Transportation
3076

FY 2024 CONTRACT CLAUSES CERTIFICATION

Certification 1

I acknowledge that I have reviewed a copy of the Contract Clauses. I understand that the nature of the project will determine which requirements of the contract clauses apply and I will comply with all applicable clauses for all FTA-funded contracts for the application year.

Name Of The Person Authorized To Sign A Contract Or Project Authorization

Phyllis Yff

Legal Organization Name

Interurban Transit Authority

Title Of Authorized Signer | **Signature Of Authorized Signer** ** *(See Below)* | **Date**

Executive Director | ..... |

Governing Board Chair Information ***:

Name*

Tarue Pullen

Phone* (###)###-#### | **Email***

269-857-4665 | taruep@yahoo.com

* If the organization has a master agreement with MDOT, **the organization name must match the name as it appears on the master agreement.** Organizations with multiple contracts must submit multiple contract clauses certifications.

** If the organization has a master agreement with MDOT, the signature must be the same as the authorized signer of the master agreement or an individual with legal authority to sign a project authorization for the organization. Your agency can change, add or remove an authorized signer at any time by completing a signature resolution.

*** Chair of the governing board having supervisory powers over your agency.

Michigan Department
Of Transportation
3093

FY 2024 5333(b) LABOR WARRANTY

Name Of Applicant (legal organization name)

Interurban Transit Authority

is applying for Section 5311, 5311(f), and/or 5339 funding under Federal Transit Law, as amended, for the application year. We will be bound by the provisions of this special 5333(b) [former 13(c)] labor warranty for the period of the grant.

Does a union represent the applicant's employees? ○ Yes ◉ No

Does agency use a third party transportation provider? ○ Yes ◉ No

Are there other surface transportation providers in your area? ◉ Yes ○ No

Note: Do not include school bus transportation providers and their unions

Indicate public transit-providers and their union representation or none.

Provider :	Allegan County Transporta	Union Names:		None	☑
Provider :	Macatawa Area Express	Union Names:		None	☑
Provider :		Union Names:		None	☐
Provider :		Union Names:		None	☐
Provider :		Union Names:		None	☐

Michigan Department
Of Transportation
3175

FY 2024 ADA COMPLAINT INFORMATION

You must retain copies of complaints for at least one year and a summary of all complaints for at least five years.

Name Of Applicant (legal organization name)

Interurban Transit Authority

Has the agency been named in any lawsuits or complaints in the last year which allege an individual was discriminated against or denied full participation in transportation based on disability.

◯ Yes ◉ No

In the last year, have you had ADA compliance review conducted on your transportation program as part of an overall FTA or MDOT Compliance Review?

◯ Yes ◉ No

Have any changes been made to your ADA Complaint Policy?

◉ Yes ◯ No

Please provide an explanation of changes.

Added Reasonable modification details. Board approved October 2022

If your agency is operating inaccessible revenue vehicles, is equivalent service* being offered to riders?

*Equivalent service means that all riders, including wheelchair users, must be provided with the same level of service.

◉ Yes ◯ No

Michigan Department
Of Transportation
3067

FY 2024 TITLE VI INFORMATION

Name Of Applicant (legal organization name)

Interurban Transit Authority

All FTA funds recipients, except for urban agencies that receive all of their FTA funds directly from FTA, must submit the following information that covers the period since your last MDOT application. First-time applicants should submit information for the previous fiscal year.

1. Are there any active lawsuits or complaints naming the applicant that allege discrimination based on race, color or national origin with respect to service or other transit benefits?

○ Yes ◉ No

2.Have you had any Title VI compliance review activities conducted with regard to your transportation program, including triennial compliance reviews conducted by FTA and/or MDOT?

○ Yes ◉ No

3.When was your last title VI program approved by MDOT or FTA 08/18/2020 **MM/DD/YYYY**

4. Has your Title VI Coordinator/EEO Officer changed during the reporting period or since your last Title VI Plan was approved?

○ Yes ◉ No

5. Has your organization had any projects and/or service change that have Title VI, Limited English Proficiency (LEP), or Environmental Justice (EJ) impacts? Service change includes service expansion/ reduction, route and/or hour changes, etc

○ Yes ◉ No

6. During this reporting period, how were your employees educated about Title VI and their responsibility to ensure non-discrimination in any of your programs, services, or activities?

Annual Title VI training during staff meetings.

Submitted after

TO: City Council of the Village of Douglas

FROM: Cynthia McKean
1000 Mason Street, Saugatuck, MI

RE: Cycling along the bayou on ~~Riverside Drive~~ Water Street

DATE: January 17, 2023 TIME: 07:00 PM

We live in an ideal area for cycling and I have been an avid cyclist in the tri-community region for about 30 years. There are miles and miles of well groomed and paved country roads all around us. All we have to do is get up in the morning, or any other time of day, walk out the front door, get on our bicycles and go. Given the burgeoning popularity of cycling in this country, many visitors are finding our place to be ideal for the sport. We are getting a reputation for this.

As we embrace this up and coming recreational activity, it is imperative that we take the responsibility of providing safe and friendly passage for all of the people who are participating. We want them to love it here and to come back. Any serious accident is devastating, especially if, by design, it was created and/or is supported by local government.

Often I skirt downtown Douglas and ride along Riverside Drive by the bayou. The change on Riverside Drive over the years is devastating. The number of cars on the road has increased dramatically and they are driving MUCH faster (over the speed limit). Huge semi-trucks are beginning to take the "shortcut" down this road.

If one is riding away from Douglas, the last couple of blocks are suddenly a short but very steep hill with a sharp left turn at the top that you can't see until you get there. The road is narrow and there are almost no shoulders for cyclists to escape to. It is not uncommon for novices to get off their bicycles and walk them to the top, which might actually be safer than those who struggle along wobbling back and forth until they reach the summit.

The turn at the top is 90 degrees. It is common for cars to cross over onto the oncoming lane and probably impossible for semis to stay out of the oncoming lane as they all make the turn and speed down the hill toward Douglas.

The consequences of a semi turning down the hill as a cyclist or peloton of cyclists are struggling to get up the hill is chilling. Some might suggest you are creating "The Perfect Storm". Others might just say it is "a disaster waiting to happen".

Solution:
Semis and all other heavy equipment should be banned from traveling on Riverside Drive.
The current speed limit must be enforced.

Pam Aalderink

From: Chuck Arida <chuckarida@gmail.com>
Sent: Tuesday, January 17, 2023 1:54 PM
To: Pam Aalderink
Cc: Tracey Shafroth
Subject: Ongoing concerns regarding condition / traffic on Water Street
Attachments: 254 and 244 Water Street Letter 011723.docx

Hello Douglas City Council and thank you.

With quite a few new members of the Council, Chris and I would like to introduce ourselves – we own two properties on Water Street, most notably, the house / driveway on the very apex of the hairpin curve.

We'd also like to reiterate the concerns that many of our neighbors have voiced over the past few years:

- Water Street is often in disrepair, with several ongoing / repeat condition issues
- Traffic on Water Street both under-reported and overly permissive

After seven years as a resident / homeowner at the apex of the hairpin on Water street, I can say with confidence:

- Dozens of heavy trucks (often multiple Consumers Power or landscaping trucks in a cluster) use Water Street to cut through to Blue Star every day.
- The combination of narrow road, hill, and hairpin turn causes pandemonium and fear among runners, bikers, kayak and boat trailers, RVs, motorcycles, and assorted drivers from near and far.
- At the curve, some drivers screech to a halt or slow down, while others speed up. Many underestimate the curve; it's actually more of a 78 degree curve than a 90 degree one (our brilliant neighbor Brian Alexander will share the study and his insights). Drivers frequently cross lanes or swing wide into the shoulder. As you already know, several telephone poles have been replaced after multiple collisions.

Chris and I are in full support of the following recommendations:

Reduce the speed limit:

- Lower the speed limit from 25mph (current) to 15 or 20mph on the entire road.
- Carry out a sustained public education effort that will inform traffic of the new speed limit.
- Enforce the new speed limit during the times of day cited in the traffic study when excessive speed is most significant.

Restrict thru traffic for all trucks: Prohibit big trucks from using the road. Hammer out an ordinance that will dictate the kinds of small trucks that are permitted on the road.

Improve navigation / signage: Rethink signage to make it clear and less confusing.

We invite you to spend an hour on my front porch - rain or shine, summer or winter - to witness constant dangerous conditions and frequent near-misses. In fact, we woke up on Christmas morning a couple years ago to police and two very upset families on our driveway after they collided on the curve under relatively mild weather conditions.

Having lived on the Water Street for nearly 10 years, we know the issues quite well at this point and we your partnership and leadership. Please let's tackle the achievable, actionable recommendations from concerned citizens of Douglas and residents of Water Street.

Thank you –

Chuck Arida and Christopher Lehmann
C: 614.330.9392
E: chuckarida@gmail.com

Pam Aalderink

From: Charles Huzenis <chuzenis@jameson.com>
Sent: Friday, January 13, 2023 2:51 PM
To: Pam Aalderink
Subject: Fwd: Traffic on Water Street Douglas Michigan

Sent from my iPad

Begin forwarded message:

> **From:** Charles Huzenis <chuzenis@jameson.com>
> **Date:** January 13, 2023 at 12:38:14 PM GMT-7
> **To:** clerk@doglasmi.gov
> **Subject: Traffic on Water Street Douglas Michigan**
>
> To City Council:
> I'm writing this letter because of my concern about the traffic conditions along Water Street. I've been an owner of 294 Water Street since since 1982. For many of those years Water Street has been a lightly used thorough fare.In recent years it's become highly trafficked with commercial vehicles and also cars attending events taking shortcuts to other main arterial streets. It's now become dangerous to walk into downtown Douglas because of of the amount of traffic and the speed of the vehicles, wondering if you will risk your life. I really am nervous for all the bicyclists that are having to compete for space on the road.It would be very distressing if someone was injured
> or worse because of lack of attention by the City.
> I'm hopeful that the city council will begin to address these issues because it's certainly changing the culture of this unique community, thanks for your consideration, Charles Huzenis.
>
> Sent from my iPad

Pam Aalderink

From: RALPH HAMILTON <rhamilto9@aol.com>
Sent: Tuesday, January 17, 2023 2:47 PM
To: Pam Aalderink
Subject: City Council—1/17/23–Water Street Discussion

>> To the City Council-
>>
>> I live at 344 Water Street and I am writing to share my serious concerns about the increasingly dangerous conditions on Water Street. Because I'm an active gardener and walk my dog along the street, I have witnessed first-hand an increase in truck traffic (including 4 and 6 wheel pickups, light trucks, panel vans, box trucks, and flatbeds, some of which pull trailers). I have also experienced an increase in the speed at which they travel.
>>
>> The worst incident was an 8-wheel flat bed towing a 6-wheel trailer that entered off Wiley Road about 7:30pm. The truck was powerfully accelerating until he almost reached the dogleg where he jammed on the brakes which screeched loud as twenty cats thrown into a meat grinder. I thought he was going straight into the the Red Barn house. The idiot then began accelerating rapidly again, so much so that 20 seconds later he was jamming his breaks on as he came into the curve.
>>
>> The problem is not only larger trucks, however. For instance, there's an old white ford pickup that regularly gets up to 50-plus miles an hour as he heads toward Wiley.
>>
>> I have also seen pedestrians walking up Water street, hugging close to the bank at the curve, who were almost hit by a car or truck taking the curve too tightly in the opposite direction.
>>
>> My son is grown now, but were he still in short pants, I wouldn't let him walk or bike alone on Water Street.
>>
>> What makes Douglas a great place to live is the small town atmosphere and the serenity and safety that goes with that. Surely banning commuter/cut-thru truck traffic, much clearer signage, and strongly enforcing speed limits is not too much to expect.
>>
>> Thank you for your consideration.
>>
>> Ralph Hamilton
>> 344 Water Street
>>
Sent from my iPhone

TO: City of the Village of Douglas Council Members DATE: January 12, 2023

FROM: Freya Secrest and Jeremy Berg

390 Water Street

RE: Traffic on Water Street

Dear Council Members,

As residents of 390 Water Street now since 2020, we are writing to share our safety concerns about the Water Street roadway between Center Street and Wiley Road.

This section of Water Street is used as a convenient shortcut through town by trucks, boat trailers and cars, often to avoid the traffic on other roads. As a pass-through route where traffic is often speeding along intent on reaching other destinations, there is little attention to resident and village safety.

When we were first shown the house before our purchase, our realtor mentioned that Water Street was often used to avoid Wiley Road speed limits for those heading north across town or south on their way to Fennville or the new housing developments to the East. This did not discourage our purchase, but time and observation have highlighted the dangers of Water Street's poorly regulated speed and road conditions.

Water Street also serves as a main bike route during the warmer months which can create further crowding of the roadway at peak times such as morning and afternoon commute times. As a small, personal example, our visiting family have asked us to stop walking with our grandchildren to the park in town because their mothers have told us how unsafe they feel on the short walk down the hill and across the bridge. The speed of traffic, lack of bike and pedestrian paths and unsafe road conditions discourage their interest in Douglas as a community. As a recreational destination in a tourist centered area, we believe it would serve the city of Douglas and its businesses to support and maintain safer conditions on its roads for guest and resident safety.

Our perceived safety concerns center around:

1. **Signage**: Water Street is a narrow roadway with poor shoulder conditions. It has two hairpin turns and a hill that lead to poor visibility conditions. Warning signage is inadequate to truly highlight hazardous conditions. *Please consider more clear and adequate signage.*
2. **Slower speed limits:** Traffic is often travelling at unsafe speeds for the road conditions. This makes navigating the 2 hairpin curves and narrow road dangerous for cars, bikes and certainly anyone walking. Posted and monitored speed limits may also help to limit pass-through traffic intent on avoiding responsible traffic speeds. *Please consider setting a slower speed and monitoring it to match the more hazardous conditions of this roadway.*
3. **Large Vehicle Traffic**: The unregulated large truck access has a destructive impact on a narrow roadway that has little protective shoulder interface. Trucks and boat traffic with heavier

weights and a wider wheel base serve to break down the road bed edges more quickly. As residents who do walk to pick up mail at the post office, we notice the ruts and cracked roadway at the hairpin turn corner properties where vehicles have gone off the road. *Please consider setting limits to prevent and discourage pass through truck and large vehicle traffic.*

4. **Poor Road Bed and Shoulder Conditions**: Traffic and undirected water runoff has destroyed last year's stop gap effort to shore up the gravel shoulder on the hillside. Something more permanent needs to be considered and implemented to protect the road after speed and traffic is regulated. *Please consider investing in adequate updates to the roadway for the safe and ongoing use of bike and residential traffic.*

Thank you for your attention to these concerns. Your help in making our neighborhood safe for residents and visitors alike is needed!

Got it to work!

From : Tracey Shafroth <traceyshafroth@me.com> Tue, Jan 17, 2023 02:52 PM

Subject : Got it to work!

To : info@sdlibrary.org

John Rice
294 Water Street
Douglas, Michigan January 10, 2023
To:
Planning Commission of the Village of Douglas
As the homeowner of 294 Water Street, Douglas, I am writing to document my safety concerns regarding the dangerous traffic and road conditions at the treacherous road curve on Water Street. I have previously raised safety concerns when the Planning Commission was considering a proposal by Redstone Land Development, LLC to add a road entrance off of Water Street. As a result of my, other Water Street residents, and the Douglas community at large, the proposal for a second road entrance was rejected due to valid safety issues.
During the COVID years, Douglas traffic, construction, and tourism declined along Water Street. But currently, traffic volume has increased significantly—with more cars filled with both residents and tourists, more long, heavy construction vehicles, more buses, more wide delivery vans such as Amazon and UPS, and depending on the season, more local and tourist pedestrian and cycling traffic. All these conditions escalate the dangerous nature of the Water Street curve.
CONCERNS:
*Please note that I included some of these concerns in previous correspondence.
The Water Street road curve has already been assigned as dangerous as denoted by the vehicle crash sign to warn drivers. It is a sharp, blind, narrow curve. This curve is challenging in good weather, but it is perilous during rain, snow or ice storms. Very low speed limit signs are posted in either direction to minimize potential accidents. Police vehicles are regularly positioned by the curve to reinforce the speed limits and control the danger for drivers, pedestrians, and cyclists. Individual and groups of walkers, hikers,runners, roller bladers, and cyclists use Water Street as a route to leave Blue Star Highway and see more of the Douglas community. Visitors are especially at risk

because they are unfamiliar with this roadway. With the increased volume of auto, truck, pedestrian, and cycling traffic around the curve, safety issues have reemerged and need to be addressed.
RECOMMENDATIONS
In addition to the crash sign that already exists, place a dangerous curve sign with red reflectors or solar light to emphasize the danger. and the need to take appropriate precautions.
Additional low speed limit signs in both directions well in advance of the curve to allow drives and pedestrians to adjust to the blind curve.
Adding signage to restrict heavy truck and construction vehicles to other safer, alternate routes. New signage would be necessary to support this restriction.
In conclusion, I hope the Planning Commission will seriously discuss my safety concerns for the Water Street road curve and consider my recommendations or those suggestions of others in the community to make that stretch of Water street safer.
Sincerely,
John Rice
294 Water Street Douglas

Sent from my iPad

From: roy roy.schneider60@gmail.com
Subject: Water street
Date: January 14, 2023 at 4:24 PM
To: Douglas city council

RS

January 14, 2023

Douglas City Council
Po Box 757
86 W. Center street
Douglas MI 49406-0757

To Whom It May Concern,

I am writing as a concerned owner of 90 Water street in Douglas. We have lived here since 2004 and witnessed an alarming increase in Traffic and Speed on Water street, we even have large trucks going up and down the the street these days.

Water street was not build to handle heavy traffic, extra speed and large trucks , as part of the road in front of our house is caving in, they keep patching and patching but to no help, it keeps on caving in.

For the Safety of the Residence and to preserve the road something has to be done.

Eliminate large trucks , and possibly put speed bumps so people can't keep driving through from Wiley road and Center street way above speed limit.

This is truly a safety concern for people and the road.

Thank you for your consideration,

Roy Schneider
90 Water street
Douglas MI 49406

TO: City Council of the Village of Douglas

FROM: Cynthia McKean
1000 Mason Street, Saugatuck, MI

RE: Cycling along the bayou on ~~Riverside Drive~~ Water St

DATE: January 17, 2023 TIME: 07:00 PM

We live in an ideal area for cycling and I have been an avid cyclist in the tri-community region for about 30 years. There are miles and miles of well groomed and paved country roads all around us. All we have to do is get up in the morning, or any other time of day, walk out the front door, get on our bicycles and go. Given the burgeoning popularity of cycling in this country, many visitors are finding our place to be ideal for the sport. We are getting a reputation for this.

As we embrace this up and coming recreational activity, it is imperative that we take the responsibility of providing safe and friendly passage for all of the people who are participating. We want them to love it here and to come back. Any serious accident is devastating, especially if, by design, it was created and/or is supported by local government.

Often I skirt downtown Douglas and ride along Riverside Drive by the bayou. The change on Riverside Drive over the years is devastating. The number of cars on the road has increased dramatically and they are driving MUCH faster (over the speed limit). Huge semi-trucks are beginning to take the "shortcut" down this road.

If one is riding away from Douglas, the last couple of blocks are suddenly a short but very steep hill with a sharp left turn at the top that you can't see until you get there. The road is narrow and there are almost no shoulders for cyclists to escape to. It is not uncommon for novices to get off their bicycles and walk them to the top, which might actually be safer than those who struggle along wobbling back and forth until they reach the summit.

The turn at the top is 90 degrees. It is common for cars to cross over onto the oncoming lane and probably impossible for semis to stay out of the oncoming lane as they all make the turn and speed down the hill toward Douglas.

The consequences of a semi turning down the hill as a cyclist or peloton of cyclists are struggling to get up the hill is chilling. Some might suggest you are creating "The Perfect Storm". Others might just say it is "a disaster waiting to happen".

Solution:
Semis and all other heavy equipment should be banned from traveling on Riverside Drive.
The current speed limit must be enforced.

To the Douglas City Council and the Douglas DDA,

Over 20 years ago, the Douglas DDA was formed to try and resurrect the dying Douglas downtown. Anyone who was here then can tell you what I mean by that, so I won't go into detail about it here. But back then, a handful of individuals took a chance on resurrecting the downtown. I was one of them, and I am still here and committed to being here.

Early on, we had great success. Our turnaround was written up in the media; some businesses won regional awards and people were talking about the "Douglas Renaissance". Local TV stations even started referring to our area as "Saugatuck Douglas," which was concrete evidence of what was happening. It was our downtown that helped put Douglas on the map!

But, as time went on, we encountered several bumps in the road; the whole downtown was torn up for months for infrastructure improvements, we weathered multiple recessions like 2007, we also lived through the impact of 9/11, and of course COVID. Those things have taken a toll. As a result, I am now the longest surviving retailer from those early days and I have compiled a long list of fellow business owners who have thrown in the towel out of economic necessity. It has not been easy! And it will not be any easier going forward.

In fact, today we face the greatest threat to the survival of our downtown that I have seen. Like so many other brick and mortar business districts around the world, our existence is threatened by multiple changes in our culture, technology and behavior patterns of the customers we rely upon in order to stay in business and keep our downtown viable.

Each of us who own businesses has to find our own solutions to those challenges. And those solutions will vary depending on the type of business we own.

Many things are beyond our control and we need to understand which ones are. Most of them are also beyond the ability of the Council and the DDA to effect.

But there is one very specific thing that you can help with and that is the signage for downtown and its potential to drive more traffic to our businesses. It is not the "sign" that is important, it is the "purpose" of the sign that is important. And unfortunately that has been lost in all of the debates about the sign FOR YEARS and has resulted in immeasurable lost opportunity for our business community during this dragged out process.

If you have been on the Council or the DDA for any length of time, you know that I have addressed this issue in person, by zoom, through multiple letters on the subject, and at focus groups on this topic. Mostly to little or no avail.

But, here I am again because I refuse to give up on Douglas' potential and future.

First, let me repeat why this topic is so critical to the survival of our downtown.

To begin with, let me remind everyone why the DDA was formed. It was formed because it had been proven that small town business districts were dying everywhere and that their survival would ONLY happen if they were given the attention and support of government to do things that individual businesses were incapable of doing by themselves.

And a perfect example is the sign for our downtown at the corner of Center and Blue Star. That sign is owned and controlled by our city government. We, as business owners can't do anything with that critical piece of infrastructure without your permission and approval. So we are at your mercy when it comes to using that tool to get people downtown to our businesses. Period!

Yes, we can take out ads in the paper. We can even pay for billboards on the highway. But the single most effective means of getting people downtown, is by having an "effective" sign at Center and Blue Star to convince people to turn when they are at that intersection!

And we need that sign because our downtown is practically invisible to people when they are driving on Blue Star. So much so, that we constantly hear from people who have been coming here for years and who tell us that they never knew we had a downtown.

But, we are at risk of missing out on the full potential of that sign if current plans for signage at that location move forward as envisioned in the concepts that were part of the DDA's packet for it's January 25th meeting. I have been saying this since the early planning stages of the new Douglas signage was shared with people.

My issue is not with things like color, inches, fonts, herons, etc. What I am talking about is that we are missing the mark when it comes to understanding how important that sign is to the survival of our downtown and we are missing "what the sign needs to accomplish."

For starters, people keep referring to the sign at Blue Star and Center as a "gateway" sign (See Rich LaBombard's December 28 message to the DDA, Re: Gateway Signage and Low-Profile Signage Examples). By definition, a "gateway" sign is a sign that denotes boundaries, e.g. "Entering Douglas." But we don't need a gateway sign at that intersection saying DOUGLAS. We do need a much better welcome to Douglas sign than we currently have where you enter town - but not at Center and Blue Star. What we Do Need for downtown is a sign that will ENTICE, MOTIVATE, AND COMPEL people to turn at that corner!

A gateway sign at Center and Blue Star will not motivate anyone! We have had a downtown sign with an arrow for years and that hasn't been enough. A new sign has to be creative, compelling and not just a cookie-cutter sign like the ones being proposed and considered.

In an era when people are buying everything on the internet, we have to give people more of a reason to visit our downtown - because they don't need "downtowns" anymore.

So, I am asking you again to do better. And to urgently come up with a solution that is specifically designed to meet the goals of driving more traffic downtown. Anything less will not help us. And dragging this out for years longer, until the DDA has the funds to build the grandiose "arch" (which is just a different form of a gateway sign) is not the answer either.

From my point of view, this situation deserves the same kind of problem solving and urgency that we saw when the restaurants in town appealed to the Council for special consideration during COVID. Everyone pulled out all of the stops to come up with SOLUTIONS. The focus was on CAN not CAN'T. And it needs to happen in time for this season - not "eventually."

My argument is that this issue deserves special commitment and focus in order to keep our business district alive today. This can't continue to drag on indefinitely. We don't want our downtown to go back to what it was before we created the DDA. Yet, from my perspective, that's what is at stake.

John Thomas,

John Thomas

owner, Mixed Media Gallery
1/29/2023

williams&works
engineers | surveyors | planners

MEMORANDUM

To:	Douglas City Council
Date:	January 25, 2023
From:	Tricia Anderson, AICP Andy Moore, AICP
RE:	**Escrow Policy and Fee Schedule**

At the February 6th 2023 meeting, the City Council will consider the adoption of a resolution to adopt an escrow policy as well as an amended fee schedule. The purpose of this memorandum is to provide context and current information as it pertains to fees that other similar communities are charging for the services they provide.

Escrow Policy. As you know, the City contracts and consults with several professionals to facilitate and provide expert reviews and recommendations on many types of applications, such as professional engineers, planners, attorneys, and others as needed. It is appropriate that the applicant seeking approval should incur the expenses from the City using professional consulting services for review of their projects, and not the taxpayers of the City. Thus, many types of application fees are divided into two parts: (1) a non-refundable application fee that is used for paying expenses associated with the application (such as newspaper notices, planning commission meetings, etc.) and (2) a refundable escrow fee, where funds are collected and placed in an escrow account. The Treasurer will then use the funds from the escrow accounts to pay invoices from consultants as it pertains to a specific project. If any funds remain in the escrow account once the application is processed and complete, they are returned to the applicant.

The escrow policy is specifically referenced in the City's Zoning Ordinance, however, the City's records were absent relative to such a policy. The best practice would be to adopt a fresh escrow policy that reflects the intent and purpose stated in Section 23.03, Permit Procedures and Regulations from Article 23, Administration and Enforcement.

Sections 23.03(3)(d), Fees, states the following:

d) Fees: Fees for review of development proposals, inspections, and the issuance of permits or certificates required under this Ordinance shall be deposited with the City Treasurer in advance of processing any application or issuance of any permit. The amount of such fees shall be established by the City Council, and shall cover the cost of inspection and supervision resulting from the review, administration, and enforcement of this Ordinance. Such costs may include, but are not limited to, all costs associated with conducting a public hearing or inspection, including newspaper notice, postage, photocopying, staff time, Planning Commission, Council and/or Zoning Board of Appeals time, mileage, and any costs incurred or associated with reviews and attendance at meetings relating to development proposals by qualified professional planners, engineers, or legal counsel. ***Such fees may be collected in escrow pursuant to the escrow***

***policy adopted by the Council or as may be amended from time to time**. Any unexpended balance of the escrow shall be returned to an applicant according to the procedure described below:*

(1) For any application for approval of a Site Plan, Special use, Planned Unit Development, variance, or other use or activity requiring a permit under this Ordinance, either the Zoning Administrator or the Planning Commission may require the deposit of fees to be held in escrow in the name of the applicant. An escrow fee shall be required for any project with more than ten (10) dwelling units, or more than ten thousand (10,000) square feet of enclosed space, or which requires any more than twenty (20) parking spaces. An escrow fee may be requested for any other project which may, in the discretion of the Zoning Administrator or Planning Commission create an identifiable and potentially negative impact on public infrastructure or services, or on adjacent properties and because of which, professional input is desired before a decision to approve, deny or approve with conditions is made.

(2) The escrow shall be used to pay professional review expenses of engineers, community planners, attorneys, and any other professionals whose expertise the City Council values to review the proposed application and/or site plan of the applicant. The escrow shall also include fees for the attendance at meetings by such planners, engineers, or attorneys relating to the development proposal before the planning commission, city council, or zoning board of appeals. Professional review may result in a report to the City indicating the extent of conformance or non-conformance with this Ordinance and may identify any problems which may create a threat to public health, safety, or general welfare. Mitigation measures or alterations to a design plan may be identified where they would serve to lessen or eliminate identified impacts. The applicant will receive a copy of any professional review (except to the extent the opinion or report is subject to the attorney/client privilege) and a copy of the statement of expenses for professional services rendered.

(3) No application for approval for which an escrow fee is requested will be processed until the escrow fee is deposited with the City Treasurer. The amount of the escrow fee shall be established based on an estimate of the cost of the services to be rendered by the professionals contacted by the Zoning Administrator. The applicant is entitled to a refund of any unused escrow fees at the time a permit is either issued or denied in response to the applicant's request.

(4) If actual professional review costs exceed the amount of an escrow, the applicant shall pay the balance due prior to receipt of any Zoning Permit or other permit issued by the City in response to the applicant's request.

The resolution that has been drafted for your consideration has been reviewed by the City Attorney, who provided some suggested changes that were incorporated.

Fee Schedule. The City's fee schedule that is currently in place was last updated in 2018 to add some fees that were previously not established. Other fee types and increases were established

and adopted by resolution in recent years, however, the fee schedule document itself was not updated. Some fees are established by ordinance and cannot change unless the ordinance is amended. Some fees are referenced by ordinance but the amount is not set in the oridnance and refers to the “fee schedule that is amended by City Council from time to time”.

Upon review of the City’s current fee schedule, we found that fees for certain application types that require the review by the Planning Commission, City Council or Zoning Board of Appeals, were well below the costs that the City typically incurs when processing them. We also found that some application types were not being assessed a fee at all, even though a high volume of those permits are being processed by staff or consultants. One example is the zoning compliance permit. These are required, per the Zoning Ordinance, for nearly every type of construction activity, from fences to large commercial buildings. A small fee for processing zoning compliance permits will generate a bit of revenue for the City to help offset the costs incurred for the review.

A draft fee schedule has been provided for your review, along with the resolution that would officially adopt it. Additionally, we have gathered fee schedules from several similar communities (by way of size, demographics, and/or physical characteristics) in West Michigan that are also included for your review. The fees that are proposed to be added or increased are in line with fee schedules that have been updated in the last few years, and are appropriate for the service provided and the cost to the City to process those applications. It is important to note that the application fees are not intended to create a “profit” for the City, rather, they are only intended to simply break even by offsetting (at least somewhat) the costs of reviewing applications. There are separate columns to show current fees and proposed fees and escrows in the draft fee schedule.

Recommendation. The City Council will consider both the escrow policy and fee schedule in separate motions as each is associated with its own resolution. Our recommendation would be for the City Council to carefully review the proposed escrow policy and fee schedule and discuss any areas where questions arise. If changes are proposed to any of the resolutions, and the City Council is inclined to adopt them, changes should be entered into the record as conditions. If the City Council will collectively need more time to review and unpack the proposed resolutions, then a tabling of one or both of the items would be appropriate.

As always, please feel free to reach out with any questions.

CITY OF THE VILLAGE OF DOUGLAS
COUNTY OF ALLEGAN
STATE OF MICHIGAN

RESOLUTION NO. 01-2023

ESCROW POLICY

At a regular meeting of the City Council for the City of the Village of Douglas, Michigan, held at the City of the Village of Douglas City Hall, Douglas, Michigan, on the 6th day of February 2023, at 7:00 p.m.

PRESENT:

ABSENT:

The following Resolution was offered by Councilperson _____ and supported by Councilperson_____.

RESOLUTION TO ADOPT AN ESCROW POLICY FOR CERTAIN APPLICATIONS, PROJECTS, AND DEVELOPMENTS

WHEREAS, The Douglas City Council ("Council") wishes to adopt an Escrow Policy for planning, zoning, engineering, and legal reviews pursuant to the City of the Village of Douglas Zoning Ordinance, as amended, the Zoning Enabling Act, the State Construction Code, the City's Charter and all applicable state laws; and

WHEREAS, The City of the Village of Douglas (the "City") may incur significant out-of-pocket costs and expenses related to the contractual consultation with planning, engineering, legal and other experts that the City does not employ as staff; and

WHEREAS, The Council believes it is reasonable and appropriate to place the burden of costs pertaining to the review of certain applications by expert consultants onto the applicant, rather than onto the taxpayers of the City; and

WHEREAS, The Council intends to collect escrow fees only in a manner that is reasonably proportionate to the costs incurred by the City for the consultation with experts on certain applications.

WHEREAS, The Council intends to adopt this policy to accomplish the aforementioned goals.

NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS: The City Council does hereby adopt Resolution _____, containing the Escrow Policy as stated below:

ESCROW POLICY

A. Costs to be Covered.

1. The fixed basic zoning and development application fees, as set by the City Council by resolution from time to time and known as the "fee schedule", shall hereafter cover costs associated with the following:
    A. Applicant's appearance at regular Planning Commission, Zoning Board of Appeals, and/or City Council meetings.
    B. Mailing and legal notice requirements for public hearings.
    C. Involvement by City officials, staff, and employees (excluding outside contractors or professionals such as township planner engineering, legal counsel, and other services).
2. In addition to the fee schedule established by resolution of the City Council, as amended, all other costs incurred by the City that are directly associated with reviewing various applications, as identified herein, shall be paid (or reimbursed to the City) from the funds provided in an Escrow Account. Said costs include, but are not limited to:
    A. Mailing, legal notices, compensation for special Planning Commission meetings, and Planning Commission subcommittee meetings.
    B. Mailing, legal notices, and Zoning Board of Appeals member compensation for special Zoning Board of Appeals meetings.

C. Services of the City Attorney, Engineer and/or Planner, Zoning Administrator, or Assessor directly related to the application.

D. Services of other professionals including specialized consultants working for the City which are directly related to the application.

E. Any additional public hearings, required mailings and legal notice requirements necessitated by the application.

B. Projects Requiring Escrow. Projects and applications that may require the submittal and maintenance of an Escrow Account include the following:

i. Residential and Non-Residential Development

ii. Site Plan Review

iii. Rezoning Requests

iv. Petition for Text Amendment to the Zoning Ordinance

v. Land Divisions

vi. Special Land Uses

vii. Administrative Site Plan Review

viii. Variance Requests

ix. Zoning Text Interpretations

x. Appeal of Zoning Administrator's Determination

xi. Public Acceptance of Private Roads

xii. Other projects or applications the City determines the need to establish an Escrow Account based on the reasonable potential for exceptional or unusual costs being incurred as expressed herein.

C. Escrow Deposit Amount. The Escrow Accounts for the above applications are to be established in increments of $500.00, commencing with an initial deposit to the City Treasurer at the time of

application. The Zoning Administrator or his or her designee shall set the amount of the initial deposit reasonably estimated to be sufficient to cover the expected costs to be paid from the Escrow Account. Generally, the initial deposit shall be not less than $1,000. No application shall be processed prior to payment of fees established by resolution of the City Council or required escrow deposits.

D. Reimbursement. Any funds remaining in an Escrow Account after the completion of the project, as determined by the Zoning Administrator or his or her designee, will be refunded to the applicant of record. The Zoning Administrator or his or her designee shall notify the City Treasurer in writing and accompanied by documentation to validate the completion of the project.

E. Interest. No interest shall be applied to an existing Escrow Account or paid on a refunded Escrow Account.

F. Replenishment. At no time prior to the completion of the project shall the Escrow Account balance be allowed to drop below $500.00. If the Escrow Account balance does drop below $500.00, the City Treasurer will notify the applicant if additional funds are required for anticipated costs. The applicant must then deposit an additional amount of at least $500.00 or such greater amount as determined by the Zoning Administrator or his or her designee to be reasonably necessary to cover anticipated remaining or future expenses, or both, to be paid from the Escrow Account. No further review and processing of the subject application or any other applications associated with the project shall occur until the Escrow Account has been replenished with funds in the amount determined by the Zoning Administrator or his or her designee.

G. Record of Escrow. The City Treasurer has the authority to make Disbursements of Escrow Account funds to reimburse the City for paying costs associated with professional consultants as

identified in Part A of this Policy. The City shall maintain all records of escrow deposits and disbursement of funds for each Escrow Account.

H. Appeals. If an applicant objects to the reasonableness or amount of the Escrow Amount funds required to be deposited in accordance with Part C of this Policy, or how the funds have been applied, the applicant may appeal the City's determination regarding these matters to the City Council.

I. Adoption. This resolution shall take immediate effect upon its adoption.

J. Conflict. All resolutions and parts of resolutions in conflict herewith are, to the extent of such conflict, repealed.

UPON VOTE FOR THE ADOPTION OF SAID RESOLUTION, THE VOTE WAS:

YEAS: Council Members:

NAYS: Council Members:

ABSTAIN: Council Members:

ABSENT: Council Members:

ADOPTED this 6th day of February, 2023

CITY OF THE VILLAGE OF DOUGLAS

BY: _____
Jerome Donovan, Mayor Date

BY: _____
Pamela Aalderink, City Clerk Date

CERTIFICATION

I, Pamela Aalderink, the duly appointed Clerk of the City of the Village of Douglas, do hereby certify that the foregoing is a true and complete copy of a Resolution adopted by the Douglas City Council at a regular meeting held on Monday, February 6th, 2023 in compliance with the Open Meetings Act, Act No. 267 of the Public Acts of Michigan, 1976, as amended, the minutes of the meeting were kept and will be or have been made available as required by said Act.

CITY OF THE VILLAGE OF DOUGLAS

BY:_____
Pamela Aalderink, City Clerk

CITY OF THE VILLAGE OF DOUGLAS
COUNTY OF ALLEGAN
STATE OF MICHIGAN

RESOLUTION NO. 05 -2023

SCHEDULE OF FEES

ESTABLISHED BY ORDINANCE #93 OF 1984 AND ARTICLE 23 OF THE CITY OF THE VILLAGE OF DOUGLAS ZONING ORDINANCE, ADOPTED ON MAY 18, 2009

FEE SCHEDULE AMENDED 7/2003, 8/2005, 12/2005, 8/2006, 5/2007, 9/2008, 7/2016, 2/2018

At a regular meeting of the City Council for the City of the Village of Douglas, Michigan, held at the City of the Village of Douglas City Hall, Douglas, Michigan, on the 6th day of February 2023, at 7:00 p.m.

PRESENT:

ABSENT:

The following Resolution was offered by Councilperson _____ and supported by Councilperson_____.

RESOLUTION TO ADOPT AN AMENDED FEE SCHEDULE

PLANNING & ZONING SERVICES	Current Fee	New Fee	Escrow Deposit
Planned Unit Development (PUD)			
• Rezone Request and Preliminary PUD Review	$1,000.00	$1,000.00	$2,000.00
• Final PUD Review	Not Established	$500.00	$2,000.00
• *Major* Amendment to a PUD	Not Established	$500.00	$2,000.00
• *Minor* Amendment to a PUD (administrative review)	Not Established	$300.00	$1,000.00
Rezoning Requests (NON-PUD)			
• Rezoning of parcel	$300.00	$300.00	$2,000.00
Residential and Mixed-Use Developments and Subdivisions			
• Plat Review (Conventional)	$50.00 + $1.00/lot	$1,500.00	$2,000.00
• Site Condominium Review	Not Established	$1,000.00	$2,000.00
• Site Plan Review for Condominium Developments	Not Established	$1,000.00	$2,000.00
• Open Space Preservation Developments	Not Established	$1,000.00	$2,000.00
• Multi-Family Residential Development	$50.00 + $1.00/unit	$1,000.00	$2,000.00
• Mixed-Use Development (Vertical)	Not Established	$1,000.00	$2,000.00
Non-Residential Developments			
• Site Plan Review – New Construction	$300.00	$1,000.00	$2,000.00
• Site Plan Review – Expansions exceeding 15% of the existing floor area	Not Established	$500.00	$1,000.00
• Site Plan Review – Expansions *NOT* exceeding 15% of the existing floor area	Not Established	$300.00	$500.00
Waterfront Construction Permits			
• Minor	$100.00	$100.00	$2,000.00
• Major	$500.00	$500.00	$2,000.00
Special Use Permit	$250.00	$1,000.00	$2,000.00
Master Plan Amendment	Not Established	$1,500.00	$2,000.00
Special Meetings (outside of regularly scheduled PC meetings)	$500.00	$500.00	
Private Road Review	Not Established	$500.00	$2,000.00
Land Division / Boundary Change Review	$250.00	$250.00	PZ Admin Discretion
Zoning Board of Appeals	$500.00 (all ZBA application types)		
• Dimensional Variance Request		$350.00	$1,000.00
• Use Variance Request	Not Established	$350.00	$1,000.00
• Zoning Text Interpretation	Not Established	$350.00	$1,000.00
• Appeal of Planning & Zoning Administrator's Determination	Not Established	$350.00	$1,000.00

Zoning Permits			
• General	Not Established	$50.00	
• Fences	Not Established	$50.00	
• Chickens	$20.00/year	$25.00/year	
• Sign Permits	$100.00	$100.00	
• Food Truck Permit	$150/3-day $25/each add'l day	$150/3-day $25/each add'l day	
• Home Occupation (annual)	Not Established	$50.00	
• Temporary Structures and Uses	Not Established	$50.00	
• Wind Energy Conversion System	Not Established	$50.00	
Zoning Ordinance Text Amendment	Not Established	$1,000.00	$2,000.00
Tree Removal Permit	$50.00	$50.00	
Failure to Obtain a Zoning Permit (Penalty)	$500.00	$500.00	
Right of Way Work/Road Cut/Bore/Driveway Permit	$100.00	$100.00	$5000.00

CITY CLERK SERVICES	Current Fee	New Fee	Escrow Deposit
Garbage/Refuse Permits	$100.00	$100.00	
Outside Amplification	$100.00	$100.00	
Parking Fee Waiver (per space)	$7,000.00	$7,000.00	
Community Directory Signs	$50.00	$50.00	
Short-Term Rental			
• Registration/Initial Inspection	$350.00	$350.00	
• Re-Inspection	$100.00	$100.00	
Business License/DDA (Annual)	$15/year	$25.00/year	
Temporary Vendor (Hawker/Peddler License)	$150.00/daily	$150.00/daily	
Boat Launch Ramps			
• Union Street	*Resident* $10.00/daily $25.00/season	*Resident* $10.00/daily $25.00/season	
	Non-Resident $10.00/daily $75.00/season	*Non-Resident* $10.00/daily $75.00/season	
• Shultz Park	*Resident* $10.00/daily $25.00/season	*Resident* $10.00/daily $25.00/season	
	Non-Resident $10.00/daily $75.00/season	*Non-Resident* $10.00/daily $75.00/season	
Revocable Sign License/Agreement	$250/year	$250/year	
Zoning Ordinance (Hard Copy)	$35.00	$50.00	
Zoning Map Copy			
• 8.5" x 11"	$2.00	$0.25	
• 11" x 17"	$5.00	$0.25	
• Large format print	Not Established	$5.00	
Special Meeting of the City Council	$500.00	$500.00	
Water Well Review	Not Established	$50.00	$1,000.00
Acceptance of Private Roads into the Public System	Not Established	$500.00	$2,000.00
Marihuana Facility Permit Application (annual)	$5,000.00 as Established by Medical Marihuana Facilities Licensing Act (Act 281 of 2016)	$5,000.00	
Pleasant Point Kayak Storage Rack	$175/season	$175/season	
USB Storage Drive	Actual cost	Actual cost	
Freedom of Information Act Requests	Based on wage of lowest paid employee	Fee parameters as established by the Act (Act 442 of 1976).	
Returned check fee	Not Established	$13.00	
Special Event Permit	Not Established	$50.00	
	Not Established	Free for non-profit organizations	
City Park Reservation	Not Established	$50.00	
	Not Established	Free for non-profit organizations	
Point Pleasant Slip (lottery system)	Not Established	$1,800.00/year for 2 years	
Wedding Officiant (Mayor)	$50.00	$50.00	

Street Vacation	$500.00	$500.00	$1,000.00
Municipal Water Connection • Users within City Limits	Established per Section 50 of the Code of Ordinances	$2,000.00	
• Users outside City Limits	Established per Section 50 of the Code of Ordinances	$4,000.00	
• Connection Inspection	$75.00	$200.00	
Sanitary Sewer Connection • Users within City Limits	Established per Section 53 of the Code of Ordinances	$2500.00	
• Users outside City Limits	Established per Section 53 of the Code of Ordinances	$3500.00	
• Indirect Connection	Established per Section 53 of the Code of Ordinances	$1,250.00	
• Connection Inspection	$75.00	$200	

NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS: The City Council does hereby adopt Resolution _____, containing the amended fee schedule as stated below:

UPON VOTE FOR THE ADOPTION OF SAID RESOLUTION, THE VOTE WAS:

YEAS: Council Members:

NAYS: Council Members:

ABSTAIN: Council Members:

ABSENT: Council Members:

ADOPTED this 6th day of February, 2023

CITY OF THE VILLAGE OF DOUGLAS

BY: _____
Jerome Donovan, Mayor Date

BY: _____
Pamela Aalderink, City Clerk Date

CERTIFICATION

I, Pamela Aalderink, the duly appointed Clerk of the City of the Village of Douglas, do hereby certify that the foregoing is a true and complete copy of a Resolution adopted by the Douglas City Council at a regular meeting held on Monday, February 6th, 2023 in compliance with the Open Meetings Act, Act No. 267 of the Public Acts of Michigan, 1976, as amended, the minutes of the meeting were kept and will be or have been made available as required by said Act.

CITY OF THE VILLAGE OF DOUGLAS

BY:_____
Pamela Aalderink, City Clerk

MEMORANDUM

To: City Council
From: Tom Doane City Assessor
Date: January 13, 2023

Subject: Resolution 2023-

Setting an Alternate Meeting For the March Board of Review According to General Property Tax Act, MCL 211.30 – The governing body of the City may authorize an alternative start date for the March Board of Review during the week of the second Monday in March on either Tuesday or Wednesday of that week. Due to scheduling issues with the Board of Review members and myself it is necessary to start the appeal meetings on Tuesday, March 14, 2023.

I recommend City Council approve Resolution 2023- to allow that the March Board of Review start the appeal meetings during the week of the second Monday in March on Tuesday, March 14, 2023

86 W. Center Street • PO Box 757 • Douglas, MI 49406 • Ph (269)857-1438 • Fx (269)857-4751 • www.douglasmi.gov

RESOLUTION NO. 03-2023
City of the Village of Douglas
ALLEGAN COUNTY

A RESOLUTION SETTING THE DATES FOR THE MARCH BOARD OF REVIEW MEETINGS

At a regular meeting of City of the Village of Douglas, County of Allegan, Michigan, duly called and held at City Hall on Tuesday, February 21, 2023, at 7:00 p.m. there were:

PRESENT: _____

_____

ABSENT: _____

The following resolution was offered by Council Member _____ and seconded by Council Member _____.

WHEREAS: MCL 211.30 authorizes alternate start dates for the March Board of Review.

NOW, THEREFORE, BE IT RESOLVED THAT THE CITY OF THE VILLAGE OF DOUGLAS COUNCIL APPROVES HAVING THE MARCH BOARD OF REVIEW MEET ON THE TUESDAY DURING THE WEEK OF THE 2ND MONDAY IN MARCH.

YEAS: _____

_____

NAYS: _____

RESOLUTION DECLARED ADOPTED.

CERTIFICATION

I, Pam Aalderink, Clerk of the City of the Village of Douglas, do hereby certify that the above captioned Resolution was adopted by the City Council at a Regular Meeting thereof on February 21, 2023.

_____
Pam Aalderink, City Clerk

MEMORANDUM

REGULAR CITY COUNCIL MEETING

January 17, 2023, at 7:00 PM

TO: City Council

FROM: Rich LaBombard, City Manager

DATE: February 30, 2023

SUBJECT: PM Environmental – Change Order #3 – PCB Remediation Workplan for Construction Debris

The Environmental Protection Agency's (EPA) Targeted Brownfield Assessment (TBA) work at 200 Blue Star Highway is now completed and the City is in possession of the final report. One of the findings of the report relates to the demolition debris stored on site which has been characterized as being below the Toxic Substance Control Act's (TSCA) waste criteria of 50 ppm for polychlorinated biphenyls. I've inserted excerpts of the TBA report for items related to the demolition debris. (See the complete report prepared by Tetra Tech on the City's website.) With the characterization of the demolition debris, the material may be removed to a Class II landfill once a risk-based disposal workplan is submitted to the EPA. Class II landfills accept construction and demolition debris. For informational purposes, material characterized as being above 50 ppm PCB's must be disposed of in an approved chemical waste storage facility. The nearest facility is located in Wayne County.

PM Environmental submitted Change Order No. 3 to prepare a risk-based disposal workplan for PCB remediation waste per TSCA rules. PM is proposing $5,000 to complete the workplan and $1,500 to meet with EPA regulators.

Funds for this activity are available in the Brownfield Redevelopment Authority Expenditures Fund for Contractual Consultants - 243-000-803.

No legal review is required for this activity.

I recommend City Council consider approval of PM Environmental' s Change Order No. 3 to prepare a risk-based disposal workplan for PCB remediation waste for construction material located at 200 Blue Star Highway for a fee of $6,500.

CHANGE ORDER

For Industrial Property Located at 200 Blue Star Highway in Douglas, Michigan

PM Environmental Project No. 01-10275-1-0003

Change Order No.: 3	Date: 1/20/2023
Property Address: Industrial Property Located at 200 Blue Star Highway in Douglas, Michigan	
Original Proposal Date: January 21, 2019	Original Proposal No.: 01013628
Scope of Work and Cost	
Original scope of work for ongoing consulting to evaluate economic incentives	$27,488.25
TSCA Work Plan to Dispose of Demolition Debris Stockpiles	
• Preparation of a Risk-Based Disposal Workplan for PCB Remediation Waste under Section 61C of TSCA	$5,000
• Meetings with EPA Regulators	$1,500
Projected Estimated Amount for Project	**$33,988.25**
All activities will be billed on a time and materials basis at PM's standard billing rates, and assume that no more than 6 total hours of meeting/correspondence time with regulators will be required. The terms and conditions of the contract between the parties remain unchanged and in full force and effect. It is understood and agreed by the parties hereto that the foregoing change(s) in the Contract Amount and change(s) in services are accepted and agreed to by the parties.	
PM Authorized Signature: 	**Client Authorized Signature:**
Signature date: January 20, 2023	**Signature date:**
NOTE: SIGN AND RETURN ORIGINAL; COPIES MAY BE RETAINED FOR YOUR FILE.	

** This is a Region 5 Targeted Brownfields Assessment Funded Project **

PHASE II ENVIRONMENTAL SITE ASSESSMENT
FORMER HAWORTH PROPERTY

200 South Blue Star Highway
Douglas, Allegan County, Michigan

Prepared for

U.S. ENVIRONMENTAL PROTECTION AGENCY
Region 5
25063 Center Ridge Road
Westlake, Ohio 44145

Prepared by

Tetra Tech, Inc.
Region 5 Superfund Technical Assessment and Response Team
1 South Wacker Drive, 37th Floor
Chicago, Illinois 60606

October 2022

Approved by: _____ Date: _____
EPA Region 5 Project Manager

Contractor Organization:	Tetra Tech, Inc.
Contract Name:	START V, Region 5-TBA Grant Program
Contract No.:	68-HE-0519-D0005
Task Order-Task Order Line-Item No.:	F0107-0001CI110
Document Tracking No.:	0905
ACRES ID No.:	251358

CONTENTS

Appendices

Attachments

1.0 INTRODUCTION

Under Superfund Technical Assessment and Response Team (START) Contract No. 68-HE-0519-D0005, Task Order-Task Order Line-Item No. (TO-TOLIN) F0107-0001CI110, the U.S. Environmental Protection Agency (EPA) tasked Tetra Tech, Inc. (Tetra Tech) to conduct a Phase II environmental site assessment (ESA) at the Former Haworth Property (the Site) under the Targeted Brownfields Assessment (TBA) program. The Site consists of one 7.18-acre parcel in the Douglas, Allegan County, Michigan, including one 146,761 square foot concrete slab on the Site.

The Phase II ESA was conducted to further delineate the extent of polychlorinated biphenyl (PCB) contamination in concrete and shallow soil in the north portion of the Site and to collect waste characterization samples from the concrete and shallow soils to determine the appropriate disposal categories.

Tetra Tech conducted the Phase II ESA in accordance with the following:

- ASTM International (ASTM) Standard E1903-19, Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process (ASTM 2019)
- Sampling and Analysis Plan (SAP) for the Former Haworth Property Site (Tetra Tech 2022a)
- Quality Assurance Project Plan (QAPP) for Region 5 Targeted Brownfields Assessment Projects in Indiana, Illinois, Michigan, Minnesota, Ohio, and Wisconsin (for Hazardous Substances and/or Petroleum), Revision 2 (Generic QAPP) (Tetra Tech 2019)
- QAPP Addendum for the Region 5 Targeted Brownfields Assessment Property, Former Haworth Property Site (Tetra Tech 2022b)

The Phase II ESA was completed by the following personnel:

- Carol Nissen, Tetra Tech, START TBA Program Manager
- Kelly Thomas, Tetra Tech, START Project Manager and Field Team Leader
- Todd Grossmann, Tetra Tech, Field Team Member
- Barbara Ball, Merit Laboratories, Inc. (Merit), Laboratory Quality Assurance (QA) Manager

Cabeno Environmental Field Services (Cabeno) conducted the direct-push drilling at the Site and contracted concrete coring to Diamond Concrete Sawing (Diamond). Analytical services for concrete and soil samples were provided by Merit.

This report summarizes Phase II ESA activities and presents a conceptual remedial action plan. Specifically, the report introduces the project in Section 1.0; discusses the ESA investigative methodology in Section 2.0; describes the environmental setting of the Site in Section 3.0; summarizes the Phase II ESA results in Section 4.0; presents the conceptual remedial action plan in Section 5.0; and presents conclusions in Section 6.0. All references cited in this report are in Section 7.0. Figures are presented in Appendix A. Sample analytical results summary tables are provided in Appendix B. A photographic documentation log is provided in Appendix C. Data validation reports are in Appendix D. The field logbook notes are provided in Appendix E. Laboratory analytical reports are provided in Attachment 1.

The remainder of Section 1.0 provides site background information, summarizes previous assessments conducted at the Site, and presents the objectives of this Phase II ESA.

1.1 SITE BACKGROUND

The Former Haworth Property consists of approximately 7.18 acres of land and is identified with the property identification number 50-016-070-00. The address is 200 South Blue Star Highway in the Douglas, Allegan County, Michigan. The Site previously contained an approximately 147,000-square-foot building that was used for industrial purposes, including plating, buffing, zinc die casting, metal forming, stamping, phosphatizing, and painting metal parts. The City of the Village of Douglas purchased the property in 2019. The Site has been vacant since 2014, and the building was demolished in 2021 with only the concrete slab remaining.

The geographic coordinates of the approximate center of the Site are 42.639708 north latitude and 86.211209 west longitude (**Figure 1**). **Figure 2** shows the site features and surrounding properties. Although still displayed on Figure 2, the former building has been demolished.

The Site is bordered to the north by commercial properties; to the east by Blue Star Highway, commercial properties, and hotels, followed by residential properties; to the south by commercial and residential properties; and to the west by Ferry Street and undeveloped land. According to the U.S. Geological Survey (USGS) *Douglas, Michigan* quadrangle 7.5-minute topographic map series, the Site is located at an elevation of approximately 650 feet above mean sea level.

Historical sources indicate that die casting machines were formerly utilized within three pits located in the East Room in the northern portion of the former building; die casting operations ended in 1971, and the pits were backfilled several years prior.

Subsurface investigations dating back to 1987 have been conducted at the Site. From 1998 through 2015, investigations focused on a trichloroethylene (TCE) plume originating at the southeast portion of the former building. A soil vapor extraction (SVE) system was installed onsite, and groundwater wells are continuously monitored. The extent of the TCE plume has been investigated and is delineated as extending offsite to the northwest.

On October 9, 2015, Environmental Resources Management Michigan, Inc. (ERM) performed a Phase II ESA at the Site. A subsurface structure survey identified three pits in the northern section of the former building in the East Room (former die cast area). The pits are approximately 13 to 14 feet deep and reportedly were pumped empty, cleaned by hydro-blasting, and backfilled with clean fill decades ago. Four soil samples collected from the vicinity of the pits contained PCBs at concentrations exceeding 1 milligram per kilogram (mg/kg). In addition, PCBs were detected in one boring (GP-3) at a concentration of 1,800 mg/kg at the 5-foot depth interval, which exceeds the Toxic Substances Control Act (TSCA) criteria. ERM performed additional sampling and delineated the horizontal extent of PCB contamination within the TSCA cleanup standard for low occupancy areas of 100 mg/kg; the vertical extent of PCB contamination was not delineated (ERM 2015).

In 2016 and 2017, ERM collected surficial concrete samples from the building slab in the East Room and detected PCB concentrations ranging from non-detect to 5,600 mg/kg, exceeding TSCA criteria. ERM also collected concrete samples from the West Room in the northwestern portion of the former building; no concrete surface sample results exceeded 10 mg/kg. ERM surficial concrete sample locations with PCB detections exceeding TSCA criteria are displayed on Figure 3 for the East Room and on Figure 5 for the West Room in Appendix A.

In 2017, ERM installed four temporary monitoring wells to a depth of approximately 40 feet below ground surface (bgs) north of the East Room to determine if PCBs present in the concrete and soil had migrated to groundwater. No PCBs were detected above analytical detection limits in the groundwater samples. ERM also collected three soil gas samples in the East Room for laboratory analysis of PCBs; no PCBs were identified at concentrations exceeding laboratory detection limits (GHD Services, Inc. [GHD] 2018a).

GHD developed a Remedial Alternatives Evaluation (RAE) for the Site dated May 11, 2018. The RAE reviewed previous reports, documented the extent of PCB contamination at the Site, and evaluated remedial alternatives for risks associated with the residential and nonresidential direct contact pathways (GHD 2018a).

In June 2018, GHD conducted additional investigative sampling to vertically delineate the extent of PCB contamination in the East Room. PCB concentrations were delineated vertically to a depth of 18 to 20 feet below grade. However, soil borings at some locations could not be advanced to the necessary depths due to refusal. Thus, the vertical extent of PCB contamination in soil below the East Room is not fully defined.

GHD conducted additional sampling in the East and West Room. The West Room contained PCB concentrations exceeding 1 mg/kg, but concentrations did not exceed 100 mg/kg. The extent of PCBs in the concrete in the West Room was delineated to 1 mg/kg. PCB concentrations in the concrete in the East Room were delineated to 1 mg/kg, except for samples from around the east and north walls of the building. Soil sample locations with PCB detections exceeding TSCA criteria are displayed on Figure 4 for the East Room and on Figure 5 for the West Room in Appendix A.

GHD developed a PCB Cleanup Plan and Application for Risk-Based Cleanup and Disposal Approval and a subsequent addendum in August and September 2018, respectively. The Cleanup Plan included results of GHD's additional investigations, which aimed to further delineate PCB contamination at the Site (GHD 2018b).

PM Environmental, Inc (PM) completed a Baseline Environmental Assessment (BEA) in March 2019. The BEA identified the Site as a "facility" under Michigan Natural Resources and Environmental Protection Act (NREPA) Part 201 (PM 2019).

PM completed a TSCA Cleanup Evaluation for the Site in November 2021 (PM 2021). According to this document, the structure onsite was scheduled for demolition in December 2021. The TSCA Cleanup Evaluation updated the previous PCB Cleanup Plan due to the revised end-use of the property to include high-occupancy and residential use. The City of the Village of Douglas intends to redevelop the property for mixed commercial office/retail and residential use. Thus, the redevelopment plan includes high occupancy use, as defined under TSCA regulations.

The TSCA cleanup evaluation prepared by PM includes the following proposed remedial actions:

- Demolish the building structure and maintain portions of the concrete slab in the East Room and West Room for the interim to provide a temporary cap to the underlying PCB-contaminated soil.
- Remove and properly dispose of concrete present over soil with PCB concentrations exceeding 10 mg/kg in the East Room (700 cubic yards) to facilitate excavation of PCB-contaminated soil.

- Excavate and properly dispose of soil with PCB concentrations exceeding 10 mg/kg to a depth of 4 feet in the East Room.
- Remove and properly dispose of concrete containing PCBs at concentrations exceeding 1 mg/kg in the West Room (20 cubic yards).
- Excavate and properly dispose of limited areas of soil with PCB concentrations exceeding 1 mg/kg in the East Room and West Room to a depth of 1 foot. Estimated volume in the East Room is 1,090 cubic yards and in the West Room is 22 cubic yards.
- Install a demarcation fabric and minimum 10-inch-thick compacted clay cap over unexcavated soil containing PCB concentrations exceeding 1 mg/kg in the East Room and West Room.
- Remove the remaining portions of the concrete slab where PCB concentrations did not exceed 1 mg/kg during site redevelopment.
- Areas where soil PCB concentrations exceed 25 mg/kg will be restricted to low-occupancy use, as defined under TSCA regulations.
- All excavated soil and PCB-contaminated concrete will be disposed of as TSCA or TSCA-regulated soil and debris based on the PCB concentrations.

The City of the village of Douglas requested assistance from EPA to complete additional concrete and soil sampling for PCBs to determine the appropriate disposal requirements.

1.2 OBJECTIVES OF THE PHASE II ESA

The August 2022 START Phase II ESA was conducted to evaluate the presence of PCB impacts to the concrete slab and the underlying soil at the Site. Tetra Tech START reviewed the available PCB analytical data for concrete and soil in the East and West Rooms and identified data gaps warranting additional investigation. The assessment was performed to further delineate the magnitude and extent of PCBs in concrete and soil and to determine the appropriate remediation waste disposal categories.

East Room

The previous investigations by ERM and GHD identified PCBs in the concrete in the East Room. PCB concentrations in concrete samples from the East Room ranged from below the detection limit to 5,600 mg/kg. Thus, the concrete will be disposed of as TSCA or TSCA-regulated material. Based on the previous analytical results, PCB concentrations detected in concrete samples from a depth interval of 0 to 0.5-feet ranged from below analytical detection limits to less than 50 mg/kg, except for sample locations GP-51, GP-52, GP-54, GP-55, GP-56, GP-57, GP-114, GP-117, GP-120, and GP-121, and GP-123 which contained PCBs at concentrations exceeding 50 mg/kg. Concrete samples from the depth interval of 0.5 to 0.7-foot contained PCB concentrations exceeding 50 mg/kg, except for GP-45, GP-112, GP-124, and GP-125, which contained PCBs at concentrations less than 50 mg/kg. No concrete samples were collected from a depth interval greater than 0.7 foot. Thus, START recommended additional horizontal and vertical characterization of the concrete to more closely delineate the extent of PCBs that exceed TSCA and TSCA-regulated criteria and for waste characterization purposes.

The previous investigations by ERM and GHD identified PCB concentrations in the soil in the East Room exceeding TSCA and TSCA-regulated criteria. The remedial action planned to remove soil from 0 to 4

feet bgs in most of the East Room and remove soil from 0 to 1-foot bgs in one smaller area. START recommended further horizontal and vertical characterization of the soil to identify the extent of the soil exceeding TSCA and TSCA-regulated criteria and for waste characterization purposes.

West Room

The previous investigations by ERM and GHD delineated PCB soil contamination to an area in the northeastern portion of the West Room. Four concrete samples from the West Room (GP-48, GP-64, GP-85, and GP-87) near the PCB contaminated soil area contained PCB concentrations exceeding 1 mg/kg but below 50 mg/kg. The PCB-impacted concrete samples were reportedly collected from the surface of the concrete and contained PCB concentrations ranging from 1.6 mg/kg to 9.2 mg/kg. Thus, based on the analytical results, the concrete in the West Room does not exceed TSCA criteria but exceeds TSCA-regulated criteria (PCB concentration between 1 and 50 mg/kg) in surficial locations in the West Room. The West Room concrete appears to be sufficiently characterized and is planned to be disposed of as TSCA-regulated material. The concrete overlying the PCB contaminated soil area requires removal to allow for soil remediation. Therefore, START recommended a concrete sample be collected in the PCB contaminated soil area for waste characterization purposes.

The previous investigation by ERM detected a PCB concentration of 4.6 mg/kg in the soil at soil boring location GP-50 from a depth interval of 0.75 to 1.25 feet. Soil samples collected from deeper intervals (5-5.5 feet; 10-10.5 feet; 15-15.5 feet; and 19.5 to 20 feet) at soil boring GP-50 or other shallow locations did not contain PCBs above the analytical detection limit and soil contamination was delineated to the area surrounding GP-50. Thus, the West Room soil appears to be sufficiently delineated and is planned to be disposed of as TSCA-regulated material. Therefore, START recommended a soil sample to be collected in the PCB contaminated soil area (around GP-50) for waste characterization purposes.

2.0 INVESTIGATIVE METHODOLOGY

During the August 2022 Phase II ESA field investigation, Tetra Tech conducted concrete core sampling and soil sampling. The Phase II ESA investigative methodology is described in the following sections, and the investigative locations are presented in **Figures 3, 4, and 5** in **Appendix A**.

Before sampling activities began, START contacted MISS DIG to conduct a utility clearance, and the utility locations were identified and marked. In addition, the contractor decontaminated the working end of the rig and all coring equipment and tools before and in between each boring. START used a global positioning system (GPS) device to field flag each boring location.

2.1 CONCRETE SAMPLING

On August 16 thru and 18, 2022, START personnel provided oversight for the advancement of 30 concrete core borings within the East Room and West Room of the Site. The concrete core borings were advanced by Diamond to a maximum depth of 3 feet into the concrete slab using an approximately 1-inch diameter corer. Core borings were advanced in locations as follows:

East Room

- For the delineation of PCBs in the concrete slab, a total of 26 concrete core borings (CT01 through CT26) were planned and advanced to the bottom of the concrete slab, which was a maximum depth of 3 feet. One additional coring location (CT-17B) was advanced because the concrete corer encountered refusal before 3 feet at location CT-17.

- For waste characterization, two concrete core borings (CT-27 and CT-28) were advanced to the bottom of the slab, which was a maximum depth of 12-inches.

East Room concrete core sampling locations are presented in Figure 3 in Appendix A.

West Room

- For waste characterization, one concrete core boring CT-43 was advanced to the bottom of the slab, which was a maximum depth of 6.5 inches.

West Room concrete core sampling location is presented in Figure 5 in Appendix A.

Piles of demolition debris materials associated with the former building were wrapped in poly sheeting and located in the northern portions of the East and West Rooms. Some planned concrete core sampling locations were covered by the piles and were adjusted in the field.

The core samples were inspected for indications of chemical impacts, such as staining and odors. The core samples collected from the borings were continuously screened for soil vapors using a pre-calibrated photo-ionization detector (PID) organic vapor monitor. Several concrete cores in the East Room showed visual evidence of contamination (significant staining).

Up to three discrete core samples were collected from each coring location (CT-01 through CT-26) depending on the total depth of concrete and were analyzed for PCBs. The discrete concrete core samples were collected from the 0-to-1-foot depth interval, the 1-to-2-foot depth interval, and the 2-to-3-foot depth interval, if present. A total of 78 discrete core samples were submitted for laboratory analysis of PCBs.

One discrete core sample was collected from each coring (CT-27, FHP-CT28, and FHP-CT43) from the 0-to-1-foot depth interval. Each of these core samples was analyzed for PCBs, toxicity characteristic leaching procedure (TCLP) volatile organic compounds (VOC), TCLP semi-volatile organic compounds (SVOC), and TCLP metals for waste characterization.

All core samples were placed into laboratory-prepared sample containers and stored in a secured, iced cooler at less than 6°C. Samples were hand-delivered to Merit in East Lansing, Michigan, and submitted for laboratory analysis under chain-of-custody protocol. Each core sample was pulverized at the laboratory using milling or grinding equipment to achieve a uniform consistency prior to laboratory analysis for PCBs or waste characterization parameters. The results of analyses are summarized in **Section 4.1.**

2.2 SOIL SAMPLING

On August 17 and 18, 2022, START's subcontractor Cabeno advanced 15 soil borings. The soil borings in the East Room were advanced to a maximum depth of 4 feet below the base of the concrete slab, and the West Room soil boring was advanced to 12 inches below the base of the concrete slab. Soil borings were advanced in locations as follows:

East Room

- Twelve soil borings (SS-29 through SS-40) were advanced to 4 feet below the base of the concrete slab to delineate the extent of PCBs in upper soil.
- Two soil borings (SS-41 and SS-42) were advanced to 4 feet below the base of the concrete slab to analyze the upper soils for waste characterization parameters.

East Room soil sampling locations are presented in Figure 4 in Appendix A.

West Room

- One soil boring (SS-44) was advanced to 12 inches below the base of the concrete slab to analyze the upper soils for waste characterization parameters.

The West Room soil sampling location is presented in Figure 5 in Appendix A.

Some planned soil sampling locations were covered by the debris piles and were adjusted in the field.

All soil borings were continuously sampled via direct push methods by a track-mounted Geoprobe® unit. The soil borings were advanced to a maximum depth of 4 feet below the base of the concrete slab. Groundwater was not encountered during boring advancement. Concrete was cored and/or hammered using the Geoprobe. Soil was continuously collected within 4-foot MacroCore (polyethylene) liners.

START screened each sample core for VOCs using a PID. Soil sample intervals were placed in a small sealed bag for collecting headspace readings. PID screening results were recorded for each 1-foot interval and are summarized in the field logbook (**Appendix E**).

Four discrete soil samples were collected from each soil boring (SS-29 through SS-40) from each 1-foot depth interval. A total of 48 soil samples were submitted for laboratory analysis of PCBs. Six duplicate soil samples were also collected and submitted for the same analyses.

One discrete soil sample was collected from soil borings SS-41 and SS-42 in the East Room from the 0-to 4-foot interval, and one soil sample was collected from soil boring SS-43 in the West Room from the 0-to 12-inch interval. These soil samples were submitted for laboratory analysis of PCBs, TCLP VOCs, TCLP SVOCs, and TCLP metals for waste characterization. One duplicate soil sample was collected and submitted for the same analyses.

Soil in each interval was thoroughly mixed to facilitate the collection of a representative soil sample. After the soils were blended until the texture and color of the mixture appeared uniform, samples for PCB and the waste parameter analysis were collected and placed into the appropriate containers. The QA/quality control (QC) samples were collected immediately after the respective sample.

All soil samples were placed into laboratory-prepared sample containers, uniquely identified, labeled, and stored in a secured, iced cooler at less than 6°C. Samples were hand-delivered to Merit and submitted for laboratory analysis under chain-of-custody protocol. The results of the analyses are summarized in **Section 4.2.**

2.3 SAMPLE NUMBERING SYSTEM

All concrete and soil samples collected for laboratory analysis, including QC samples, were assigned a unique sample number in accordance with the approved SAP per the following format (Tetra Tech 2022a):

FHP-MatrixXX(x-x)-mmddyy

Where:

- Site designation is "FHP," indicating that the sample is from the Former Haworth Property site.
- "Matrix" indicates the matrix as follows: "CT" for concrete samples and "SS" for soil samples.
- "XX" is the sample location number.
- (x-x) is the sample depth measured in inches
- "mmddyy" is the date the sample was collected.

Field duplicate samples were also assigned with a unique sequential duplicate sample number. Descriptions of the parent and duplicate sample relationships are provided below:

- Duplicate soil sample FHP-SS-DUP01 was collected with the parent sample FHP-SS34(0-12)
- Duplicate soil sample FHP-SS-DUP02 was collected with the parent sample FHP-SS34(12-24)
- Duplicate soil sample FHP-SS-DUP03 was collected with the parent sample FHP-SS42(0-48)
- Duplicate soil sample FHP-SS-DUP04 was collected with the parent sample FHP-SS39(0-12)
- Duplicate soil sample FHP-SS-DUP05 was collected with the parent sample FHP-SS39(12-24)
- Duplicate soil sample FHP-SS-DUP06 was collected with the parent sample FHP-SS38(0-12)
- Duplicate soil sample FHP-SS-DUP07 was collected with the parent sample FHP-SS38(12-24)

2.4 MANAGEMENT OF INVESTIGATION-DERIVED WASTE

During field activities, the investigation-derived waste (IDW) was double-bagged and containerized for disposal. The concrete and soil cuttings were containerized in two 5-gallon buckets and sampled for waste characterization to properly dispose of the waste. The waste samples were sent to Merit for analysis, and the results for PCBs, TCLP VOC, TCLP SVOCs, and TCLP metals are represented in Table B-3 in **Appendix B.**

Buckets containing IDW were sealed and staged at the Site under a tarp with other building debris awaiting disposal.

2.5 SAMPLE HANDLING, TRACKING, AND CUSTODY PROCEDURES

This section describes sample packaging and shipping procedures and QA/QC procedures for concrete and soil samples.

2.5.1 Sample Packaging and Shipping Procedures

All samples were identified, handled, tracked, and maintained under chain-of-custody procedures in accordance with the QAPP (Tetra Tech 2019). Samples were collected in laboratory-supplied sample containers and pre-preserved containers provided by the laboratory, as applicable. Sample containers were tightly sealed and immediately packed on ice in coolers in an upright position. After each sample was collected, the laboratory chain-of-custody form was updated. Sample coolers were securely taped for delivery to prevent any tampering or loss of samples and were transported directly to the laboratory with relinquish and acceptance dates and times recorded on the chain-of-custody forms.

2.5.2 Quality Assurance and Quality Control Procedures

Field QA/QC samples were obtained and submitted for analysis for assessing the quality of the data that resulted from the field sampling program. No equipment blank samples were necessary since samples were collected using disposable sampling equipment. Field QA/QC samples included the following:

- Duplicates: Duplicate soil samples were collected in the field and submitted to the laboratory. These samples were collected at an approximate rate of 1 per every 20 samples and measured laboratory precision and matrix variability. Because of the nature of the concrete, no duplicate concrete samples were collected.
- Matrix Spike/ Matrix Spike Duplicates (MS/MSD): MS/MSD soil samples were collected in the field and submitted to the laboratory. These samples were collected at an approximate rate of 1 per every 20 samples and measured laboratory accuracy and precision and matrix variability. Because of the nature of the concrete, no MS/MSD concrete samples were collected.

2.6 FIELD MEASUREMENTS AND RECORDKEEPING

The field team and project manager monitored adherence to the SAP, QAPP, and QAPP Addendum (Tetra Tech 2022a, 2019, and 2022b). A field logbook was maintained to document the sampling activities and field screenings (**Appendix E**).

The date and start time were recorded at the beginning of each logbook entry. Measurements and samples collected were recorded in the field logbook or on field forms. Photographs documenting field activities are provided in **Appendix C**.

2.7 DECONTAMINATION PROCEDURES

The Geoprobe sampling rod and concrete corer were decontaminated before use, between each sampling location, and at the end of the field investigation. Decontamination methods for sampling equipment consisted of an Alconox detergent wash followed by potable water rinse. All disposable sampling supplies, MacroCores, and personal protective equipment (PPE) were bagged and disposed of properly.

2.8 WASTE CHARACTERIZATION AND MANAGEMENT

Disposable sampling equipment and PPE were double bagged and disposed of as solid waste.

2.9 ANALYTICAL METHODOLOGY

Merit Laboratories, Inc., a laboratory certified by the National Environmental Laboratory Accreditation Program, performed the concrete and soil analyses. Concrete and soil investigative samples were analyzed using one or more of the following analytical methods:

- TCLP VOCs – SW-846 Method 8260B
- TCLP SVOCs – EPA SW-846 Method 8270D
- TCLP RCRA Metals – EPA SW-846 Method 6020A/7471B
- PCBs – EPA SW-846 Method 8082A

As required in the QAPP, Tetra Tech conducted data validation on concrete and soil data, and all data were deemed useable for the purposes of the project, with qualifiers assigned as appropriate. The laboratory data validation report is provided in **Appendix D**. Laboratory analytical results for concrete and soil samples are summarized in tables provided in **Appendix B**. Laboratory analytical reports for the samples are provided in **Attachment 1**.

3.0 ENVIRONMENTAL SETTING

This section describes the regional physiography, regional geology and hydrogeology, and site-specific geology and hydrogeology.

3.1 REGIONAL PHYSIOGRAPHY

According to the USGS Douglas 7.5-minute topographic map series, the Site is located at an elevation of approximately 650 feet above mean sea level (USGS 1994). The Site is relatively flat.

3.2 REGIONAL GEOLOGY AND HYDROGEOLOGY

The Bedrock Geology of Michigan indicates the bedrock of the Site is the Coldwater/Sunbury/Berea Shale of the Mississippian Period (University of Michigan 2016). The Site is underlain by the Michigan Basin of the Paleozoic Era.

The U.S. Department of Agriculture (USDA) Soil Conservation Service (SCS) identifies the dominant surficial soil component as a Chelsea loamy fine sand and Oshtemo-Chelsea complex. The soils have very high infiltration rates and are sandy with a high water table or shallow to an impervious layer.

The groundwater flow was calculated in previous investigations to the northwest toward Wicks Creek.

3.3 SITE GEOLOGY AND HYDROGEOLOGY

The general geologic profile of the Site consists of fill and debris and sandy topsoil in the 0- to 4-foot depth interval. Fine silty sand and rocks were encountered in the soil borings below a depth of 1-foot bgs.

4.0 PHASE II ESA RESULTS

The results of the Phase II ESA are described in this section. The laboratory data packages are provided as **Attachment 1**. The laboratory data validation report is provided in **Appendix D**. Laboratory analytical results for concrete and soil samples are summarized in tables provided in **Appendix B**.

4.1 CONCRETE

Concrete samples were analyzed for PCBs, TCLP VOCs, TCLP SVOCs, and TCLP metals to characterize the disposal of the concrete to be generated during site redevelopment activities. The concrete samples analyzed for PCBs were compared to TSCA criteria found in 40 CFR Part 761. The samples analyzed for TCLP parameters were compared to the 40 CFR 261.24 hazardous waste requirements for toxicity.

The analytical results for concrete are summarized in Table B-1 and the waste disposal analytical results are summarized in Table B-3 in Appendix B. PCB results are summarized for the East Room concrete in Figure 3 and for the West Room concrete in Figure 5 in Appendix A. The following is a summary of the laboratory analytical results:

- PCB Aroclor-1254 was detected in concrete samples above the TSCA-regulated criteria of 1.0 mg/kg but below the TSCA waste criteria of 50.0 mg/kg in the following East Room samples:
    - FHP-CT01(0-4)-20220817, FHP-CT02(0-12)-20220817, FHP-CT03(0-12)-20220817, FHP-CT06(0-12)-20220817, FHP-CT07(0-12)-20220817, FHP-CT08(0-12)-20220817, FHP-CT10(12-24)-20220817, FHP-CT10(24-36)-20220817, FHP-CT11(0-12)-20220817, FHP-CT12(0-9)-20220817, FHP-CT13(0-12)-20220817, FHP-CT14(0-11)-20220817, FHP-CT16(0-12)-20220818, FHP-CT17(12-24)-20220817, FHP-CT18(0-9.5)-20220817, FHP-CT19(12-19)-20220818, FHP-CT25(0-12)-20220818, FHP-CT27(0-12)-20220817, and FHP-CT28(0-12)-20220817
- PCB Aroclor-1254 was detected in concrete samples above the TSCA waste criteria of 50.0 mg/kg in the following East Room samples:
    - FHP-CT04(0-11.5)-20220817, FHP-CT05(0-12)-20220817, FHP-CT09(0-7.5)-20220817, FHP-CT17(0-12)-20220817, FHP-CT20(0-12)-20220817, FHP-CT20(12-24)-20220817, and FHP-CT20(24-36)-20220817

No PCBs were detected in the one concrete sample collected in the West Room. No analytes were detected in concrete samples above the 40 CFR 261.24 hazardous waste criteria.

4.2 SOIL

Soil samples were analyzed for PCBs, TCLP VOCs, TCLP SVOCs, and TCLP metals. The soil samples were analyzed for PCBs to determine the required disposal method of the soil. In addition, some samples were analyzed for TCLP parameters to determine if they exceeded hazardous waste criteria in 40 CFR 261.24.

The PCB analytical results for soil are summarized in Table B-2 and the waste disposal analytical results are summarized in Table B-3 in Appendix B. PCB results are summarized for the East Room soils in Figure 4 and for the West Room soils in Figure 5 in Appendix A. The following is a summary of the laboratory analytical results:

- PCB Aroclor-1254 was detected in soil samples above the TSCA-regulated criteria of 1 mg/kg but below the TSCA waste criteria of 50 mg/kg in the following East Room samples:

- FHP-SS32(0-12)-20220817, FHP-SS39(0-12)-2022818 and its duplicate sample, FHP-SS40(0-12)-20220818, FHP-SS40(12-24)-20220818, FHP-SS41(0-48)-20220817;

- PCB Aroclor-1254 was detected in soil samples above the TSCA waste criteria of 50.0 mg/kg in the following East Room sample:
  - FHP-SS42(0-48)-20220818 and its duplicate sample

No PCB concentrations above 1 mg/kg were detected in the one concrete sample collected in the West Room. No analytes were detected in soil samples above the 40 CFR 261.24 hazardous waste criteria.

4.3 QUALITY ASSURANCE/QUALITY CONTROL

The QA/QC sample results were evaluated as part of the data review process. Tetra Tech prepared a laboratory data validation report, which is included in **Appendix D**. Method detection limits for soil and concrete were within the limits for the method approved in the QAPP Addendum. All data were deemed useable and qualified as needed.

5.0 CONCEPTUAL REMEDIAL ACTION PLAN

Based on soil and concrete analytical results from samples collected during the August 2022 Phase II ESA activities and previous investigations, PCBs were detected above the TSCA and TSCA-regulated waste disposal criteria.

East Room - Concrete

The previous investigations by ERM and GHD identified PCBs in the concrete at concentrations exceeding 50 mg/kg at sample locations GP-51, GP-52, GP-54, GP-55, GP-56, GP-57, GP-114, GP-117, GP-120, GP-121, GP-123, and GP-127. The August 2022 investigation included additional horizontal and vertical characterization of concrete to delineate the extent of PCBs more closely. PCB concentrations detected in concrete from the 0- to 1-foot depth interval ranged from below the detection limit to 8,920 mg/kg. Samples from locations CT-04, CT-05, CT-09, CT-17, and CT-20 contained PCBs at concentrations exceeding 50 mg/kg in the shallow (less than 1-foot) concrete. PCB concentrations also exceeded 50 mg/kg at CT-20 in the 1- to 2-foot depth interval (3,660 mg/kg) and the 2- to 3-foot depth interval (253 mg/kg). PCB results are summarized for the East Room concrete in Figure 3 in Appendix A.

Additional waste characterization samples were collected for TCLP parameters, and no analytes were detected above the 40 CFR 261.24 hazardous waste criteria.

Based on these analytical results, shallow concrete (less than 12 inches) at locations CT-04, CT-05, CT-09, CT-17, CT-20, GP-51, GP-52, GP-54, GP-55, GP-56, GP-57, GP-114, GP-117, GP-120, GP-121, GP-123, and GP-127 exceed the TSCA criteria and should be disposed of as TSCA waste. Concrete at deeper intervals (up to 3 feet) also exceeds TSCA criteria at CT-20 and should be disposed of as TSCA waste. The remaining concrete in the East Room that exceeds 1 mg/kg PCB concentrations should be disposed of as TSCA-regulated waste.

East Room - Soil

The previous investigations by ERM and GHD identified PCBs in the soil at concentrations exceeding the TSCA waste criteria of 50 mg/kg at locations GP-10, GP-11, GP-16, GP-17, GP-19, GP-28, GP-36, GP-37, GP-41, GP-74, BH-010, and BH-013. PCBs exceeded 1 mg/kg but were below 50 mg/kg at GP-12, GP-13, GP-18, GP-20, GP-22, GP-23, GP-26, GP-31, GP-39, GP-42, GP-45, GP-46, GP-47, GP-73, GP-75, GP-76, GP-90, GP-93, and GP-94. The August 2022 investigation included additional horizontal and vertical characterization of soil to delineate the extent of PCBs more closely. PCB concentrations detected in soil from the 0- to 1-foot depth interval ranged from below the detection limit to 13 mg/kg. Samples from locations SS-32, SS-39 (and its duplicate sample), and SS-40 contained PCBs in the 0- to 1-foot depth interval at concentrations exceeding 1 mg/kg but below 50 mg/kg. The sample from location SS-40 contained PCB concentrations in the 1- to 2-foot depth interval exceeding 1 mg/kg but below 50 mg/kg. The sample collected over the entire 0- to 4-foot depth interval at SS-41 exceeded 1 mg/kg, and the sample and duplicate collected at SS-42 contained PCB concentrations exceeding the TSCA criteria of 50 mg/kg. PCB results are summarized for the East Room soils in Figure 4 in Appendix A.

In addition, waste characterization samples were analyzed for TCLP parameters. No analytes were detected above the 40 CFR 261.24 hazardous waste criteria.

Based on these analytical results, soils with PCB concentrations exceeding 1 mg/kg should be excavated and disposed of as TSCA-regulated waste. Soil from SS-42, GP-10, GP-11, GP-16, GP-17, GP-19, GP-28, GP-36, GP-37, GP-41, GP-74, BH-010, and BH-013 should be excavated to up to 4-feet and disposed of as TSCA waste. Following excavation, areas containing PCB concentrations above 1 mg/kg should be capped in accordance with the requirements of 40 CFR 761.61(a)(7) to act as an exposure barrier above remaining PCB-impacted soil.

West Room - Concrete

Concrete in the West Room was sufficiently characterized in previous investigations and PCBs were detected in four concrete samples collected from the West Room near the PCB contaminated soil area. The PCB-impacted concrete samples were reportedly collected from the surface of the concrete and contained PCB concentrations ranging from 1.6 mg/kg to 9.2 mg/kg. In the August 2022 investigation, PCBs were not detected in concrete above the laboratory detection limit in the 0- to 12-inch interval. Thus, based on the analytical results, the concrete in the West Room does not exceed TSCA criteria but exceeds TSCA-regulated criteria (PCB concentration between 1 and 50 mg/kg) in surficial locations in the West Room, and the concrete with PCB concentrations above 1 mg/kg should be disposed of as TSCA-regulated material. Based on the analytical results for the TCLP parameters, the West Room concrete does not exceed the 40 CFR 261.24 hazardous waste criteria.

West Room - Soil

Soil in the West Room was sufficiently delineated in previous investigations to 1 mg/kg in the PCB contaminated soil area around GP-50. In the August 2022 investigation, PCBs were detected in the PCB contaminated soil area at 0.80 mg/kg in the 0- to 12-inch interval, and no analytes were detected above the 40 CFR 261.24 hazardous waste criteria. Based on the previous analytical results, the soils in the PCB contaminated area will be disposed of as TSCA-regulated waste. The West Room soil does not exceed the 40 CFR 261.24 hazardous waste criteria.

PCB results are summarized for the West Room concrete and soils in Figure 5 in Appendix A.

6.0 SUMMARY AND RECOMMENDATIONS

In August 2022, Tetra Tech conducted a Phase II ESA for the Former Haworth Property Site, which consists of one 7.18-acre parcel, including a concrete slab from a former 146,761-square-foot industrial building. The Site is located at 200 South Blue Star Highway in Douglas, Allegan County, Michigan.

The Phase II ESA was conducted at the request and authorization of EPA to further delineate the known PCB contamination within the concrete slab and underlying soils and to conduct waste characterization of the concrete and soil. The Phase II ESA was completed through the EPA's TBA program.

6.1 CONCRETE

The Phase II ESA included advancement of 30 concrete cores within the East and West Rooms of the former building. Discrete concrete core samples were collected from 1-foot intervals up to three feet in total thickness (0- to 1-foot interval, 1- to 2-foot interval, and 2- to 3-foot interval) in the East Room and from the 0- to 1-foot interval in the West Room. A total of 78 discrete core samples were submitted for laboratory analysis of PCBs. Three samples from the 0- to 1-foot depth interval were also collected and analyzed for waste characterization parameters at locations CT-27, CT-28, and CT-43.

Laboratory analytical results for the East Room and West Room core samples are summarized below. No other constituents were detected above their applicable screening levels.

East Room

- PCBs were detected above the TSCA regulated concentration of 50 mg/kg in shallow (less than 12 inches) concrete at locations CT-04, CT-05, CT-09, CT-17, CT-20, GP-51, GP-52, GP-54, GP-55, GP-56, GP-57, GP-114, GP-117, GP-120, GP-121, GP-123, and GP-127. Concrete at deeper intervals (up to 3 feet) also exceeds 50 mg/kg at CT-20. The concrete associated with these locations should be disposed of as TSCA waste.
- Concrete in the East Room with PCB concentrations above 1 mg/kg should be disposed of as TSCA-regulated waste.
- No TCLP parameters in concrete samples were detected at concentrations exceeding the applicable waste characterization screening levels.

West Room

- Based on the results of the current and previous investigations, PCBs were detected in four concrete samples in the West Room near the PCB contaminated soil area above 1 mg/kg. Therefore, concrete associated with these locations should be disposed of as TSCA-regulated waste.
- No TCLP parameters in concrete samples were detected at concentrations exceeding the applicable waste characterization screening levels.

6.2 SOIL

The Phase II ESA included the advancement of 15 soil borings within the East and West Rooms. The soil borings in the East Room were advanced to a maximum depth of 4 feet below the base of the concrete slab, and soil borings in the West Room were advanced to 12 inches below the base of the concrete slab.

East Room

- PCBs were detected exceeding TSCA criteria of 50 mg/kg at SS-42, GP-10, GP-11, GP-16, GP-17, GP-19, GP-28, GP-36, GP-37, GP-41, GP-74, BH-010, and BH-013. Soils associated with these locations should be disposed of as TSCA waste.
- Soil in the East Room with PCB concentrations above 1 mg/kg should be disposed of as TSCA-regulated waste.
- No TCLP parameters in soil samples were detected at concentrations exceeding the applicable waste characterization screening levels.

West Room

- Based on the results of the current and previous investigations, PCBs were detected at GP-50 above 1 mg/kg. Soil in the west room associated with this location should be disposed as PCB-regulated waste.
- No TCLP parameters in soil samples were detected at concentrations exceeding the applicable waste characterization screening levels.

Photographic Documentation

Client: U.S. EPA Region 5
Site Name: Former Haworth Property Site
Location: City of the Village of Douglas, Allegan County, Michigan

Prepared by: Tetra Tech, Inc.
TO-TOLIN: F0107-0001CI110
Date: August 16-18, 2022

Photograph No. 1 **Date:** August 16, 2022 **Description:** East Room with debris piles located in the northern portion of the Site **Direction:** Southwest	
Photograph No. 2 **Date:** August 16, 2022 **Description:** West Room with debris piles in the northern portion of the Site. **Direction:** Southeast	

Photographic Documentation

Client: U.S. EPA Region 5
Site Name: Former Haworth Property Site
Location: City of the Village of Douglas, Allegan County, Michigan

Prepared by: Tetra Tech, Inc.
TO-TOLIN: F0107-0001CI110
Date: August 16-18, 2022

Photograph No. 13

Date: August 18, 2022

Description: Waste material buckets staged onsite awaiting disposal.

Direction: NA

1430: collected waste Characterization Samples from 2 buckets w/ low waste. Stored buckets under tarp with demolition debris.

1500: START to drill less offsite. START packaged coolers to deliver hand delivered to Merit Labs.

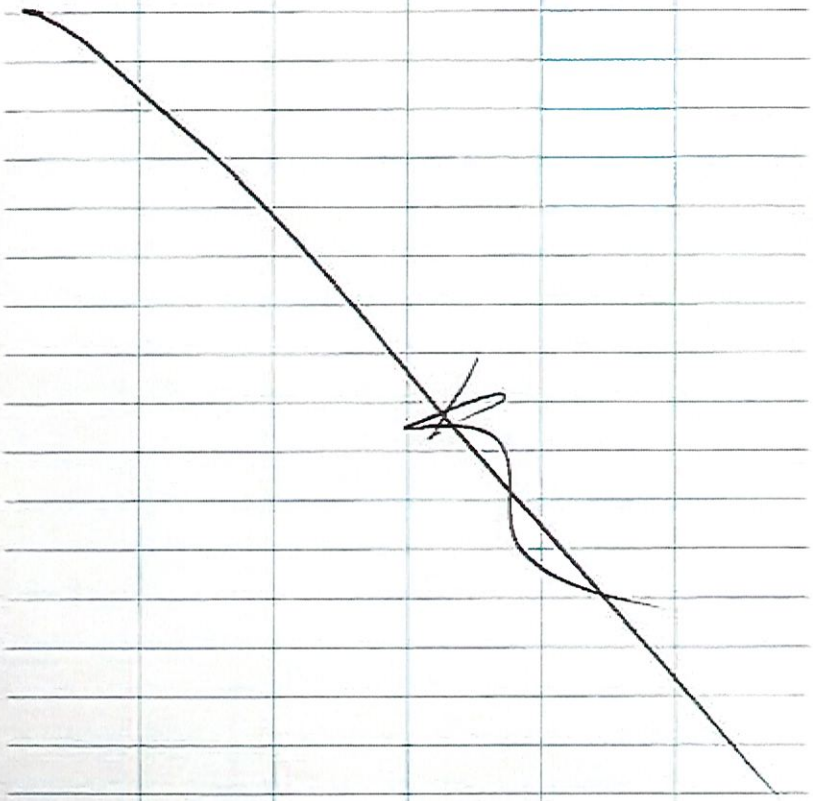

TABLE B-3

FORMER HAWORTH PROPERTY SITE - WASTE DISPOSAL RESULTS SUMMARY

			Soil				Concrete			IDW	
			East Room			West Room	East Room		West Room		
		Sample Location	SS41		SS42	SS44	CT27	CT28	CT43	SSWASTE	CTWASTE
Analyte	Disposal Criteria	Depth interval (inches)	0-48	0-48 DUP	0-48	0-12	0-12	0-12	0-6.5		
Benzene, TCLP	0.5		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Carbon tetrachloride, TCLP	0.5		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Chlorobenzene, TCLP	100		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Chloroform, TCLP	6		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
1,4-Dichlorobenzene, TCLP	7.5		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
1,2-Dichloroethane, TCLP	0.5		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
1,1-Dichloroethene, TCLP	0.7		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
2-Butanone (MEK), TCLP	200		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene, TCLP	0.7		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Trichloroethene, TCLP	0.5		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Vinyl chloride, TCLP	0.2		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
2-Methylphenol (o-Cresol), TCLP	200		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
3-, 4-Methylphenol (p,m-Cresol), TCLP	200		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol, TCLP	100		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,4,5-Trichlorophenol, TCLP	400		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,4,6-Trichlorophenol, TCLP	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,4-Dinitrotoluene, TCLP	0.13		0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U
Hexachlorobenzene, TCLP	0.13		0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U
Hexachlorobutadiene, TCLP	0.5		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Hexachloroethane, TCLP	3		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Nitrobenzene, TCLP	2		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Pyridine, TCLP	5		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 UJ
Arsenic, TCLP	5		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Barium, TCLP	100		0.090	0.28	0.24	0.34	0.38	0.14	0.15	0.33	0.20
Cadmium, TCLP	1		0.0050 U	0.0050 U	0.0050 U	0.0050	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium, TCLP	5		0.050 U	0.050 U	0.050 U	0.050 U	0.080	0.070	0.070	0.050 U	0.080
Lead, TCLP	5		0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U
Mercury, TCLP	0.2		0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U
Selenium, TCLP	1		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Silver, TCLP	5		0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U

Notes

IDW - Investigative Derived Waste

mg/L - milligrams per liter

Results and criteria are provided in mg/L

U - The result was not detected above the laboratory reporting limit

UJ - The analyte was not detected above the laboratory reporting limit, which is considered approximate due to deficiencies in the quality control criteria

Lab Sample ID: S39421.29
Sample Tag: FHP-SSWASTE-20220818
Collected Date/Time: 08/18/2022 10:45
Matrix: Soil
COC Reference: 151964

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	32oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
TCLP Zero Headspace Ext.	Completed	SW1311	08/23/22 18:45	DMP	
Metal Digestion*	Completed	SW3015A	08/24/22 09:15	CCM	
TCLP/SPLP BNA Extraction*	Completed	SW3535A	08/23/22 10:30	JW	
Mercury Digestion	Completed	SW7471B	08/26/22 12:30	CTV	

TCLP Extraction

Parameter	Result	Method	Run Date	Analyst	Flags
Initial Sample pH	10.53	SW1311	08/22/22 18:30 - 08/23/22	DMP	
pH after 3.5 ml HCl	1.84	SW1311	08/22/22 18:30 - 08/23/22	DMP	
% Solids	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Sample Used g	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Volume mL	2000	SW1311	08/22/22 18:30 - 08/23/22	DMP	
TCLP Extraction Fluid	1	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Extract pH	5.58	SW1311	08/22/22 18:30 - 08/23/22	DMP	

Inorganics

Method: E335.4/SM4500-CN, Run Date: 08/26/22 09:10, Analyst: JDP

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Cyanide, Total*	Not detected	0.08		mg/kg	40	57-12-5		

Method: SM2540B, Run Date: 08/19/22 17:02, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	96	1		%	1			

Method: SM4500-S2 D, Run Date: 08/26/22 10:23, Analyst: JDP

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Sulfide*	Not detected	0.8		mg/kg	40	18496-25-8		500.0

Method: SW1030, Run Date: 08/22/22 17:15, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Flashpoint for Solids	Not detected	2.2		mm/sec	1			

Method: SW9045D, Run Date: 08/25/22 10:24, Analyst: SSM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
pH/ Corrosivity	11.07	0.01		STD Units	1			2-12.5

Method: SW9066, Run Date: 08/29/22 15:50, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Phenols*	0.45	0.2		mg/kg	20			

Lab Sample ID: S39421.29 (continued)
Sample Tag: FHP-SSWASTE-20220818

Method: SW9095B, Run Date: 08/22/22 15:52, Analyst: DMP

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Paint Filter Test	Pass				1		1	

Metals

Method: SW6020A, Run Date: 08/24/22 10:43, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Arsenic, TCLP	Not detected	0.02		mg/L	25	7440-38-2		5.0
Barium, TCLP	0.33	0.05		mg/L	25	7440-39-3		100.0
Cadmium, TCLP	Not detected	0.005		mg/L	25	7440-43-9		1.0
Chromium, TCLP	Not detected	0.05		mg/L	25	7440-47-3		5.0
Lead, TCLP	Not detected	0.03		mg/L	25	7439-92-1		5.0
Selenium, TCLP	Not detected	0.05		mg/L	25	7782-49-2		1.0
Silver, TCLP	Not detected	0.005		mg/L	25	7440-22-4		5.0

Method: SW7471B, Run Date: 08/26/22 15:53, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Mercury, TCLP	Not detected	0.0005		mg/L	2	7439-97-6		0.2

Organics - Semi-Volatiles

TCLP Semi Volatiles, Method: SW8270D, Run Date: 08/24/22 16:59, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
2-Methylphenol (o-Cresol)	Not detected	1,000		ug/L	10	95-48-7		200,000
3-, 4-Methylphenol (p,m-Cresol)	Not detected	1,000		ug/L	10	3/4-CRESOL		200,000
Pentachlorophenol	Not detected	1,000		ug/L	10	87-86-5		100,000
2,4,5-Trichlorophenol	Not detected	1,000		ug/L	10	95-95-4		400,000
2,4,6-Trichlorophenol	Not detected	1,000		ug/L	10	88-06-2		2,000
2,4-Dinitrotoluene	Not detected	90		ug/L	10	121-14-2		130
Hexachlorobenzene	Not detected	90		ug/L	10	118-74-1		130
Hexachlorobutadiene	Not detected	100		ug/L	10	87-68-3		500
Hexachloroethane	Not detected	100		ug/L	10	67-72-1		3,000
Nitrobenzene	Not detected	100		ug/L	10	98-95-3		2,000
Pyridine	Not detected	100		ug/L	10	110-86-1		5,000

Organics - Volatiles

TCLP Volatiles, Method: SW5030C/8260C, Run Date: 08/24/22 16:16, Analyst: BML

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Benzene*	Not detected	100		ug/L	100	71-43-2		500
Carbon tetrachloride*	Not detected	100		ug/L	100	56-23-5		500
Chlorobenzene*	Not detected	100		ug/L	100	108-90-7		100,000
Chloroform*	Not detected	100		ug/L	100	67-66-3		6,000
1,4-Dichlorobenzene*	Not detected	100		ug/L	100	106-46-7		7,500
1,2-Dichloroethane*	Not detected	100		ug/L	100	107-06-2		500
1,1-Dichloroethene*	Not detected	100		ug/L	100	75-35-4		700
2-Butanone (MEK)*	Not detected	1,000		ug/L	100	78-93-3		200,000
Tetrachloroethene*	Not detected	100		ug/L	100	127-18-4		700
Trichloroethene*	Not detected	100		ug/L	100	79-01-6		500
Vinyl chloride*	Not detected	100		ug/L	100	75-01-4		200

1-Liquid does not travel through filter

FORMER HAWORTH PROPERTY SITE - ON SOIL ANALYTICAL RESULTS SUMMARY
MERIT LABORATORIES REPORT NO. S39421

Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-SS-DUP04	SW8082A	11104-28-2	PCB-1221		UY	3	mg/kg	3.0	U
FHP-SS-DUP04	SW8082A	11141-16-5	PCB-1232		UY	3	mg/kg	3.0	U
FHP-SS-DUP04	SW8082A	12672-29-6	PCB-1248		UY	3	mg/kg	3.0	U
FHP-SS-DUP04	SW8082A	11097-69-1	PCB-1254	8	Y	3	mg/kg	8.0	J
FHP-SS-DUP04	SW8082A	11096-82-5	PCB-1260		UY	3	mg/kg	3.0	U
FHP-SS-DUP05	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS-DUP05	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS-DUP05	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS-DUP05	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS-DUP05	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS-DUP05	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	UJ
FHP-SS-DUP05	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS36(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS36(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS36(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS36(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS36(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS36(0-12)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS36(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS36(12-24)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS36(12-24)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS36(12-24)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS36(12-24)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS36(12-24)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS36(12-24)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS36(12-24)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS36(24-36)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS36(24-36)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS36(24-36)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS36(24-36)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS36(24-36)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS36(24-36)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS36(24-36)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS36(36-48)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS36(36-48)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS36(36-48)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS36(36-48)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS36(36-48)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS36(36-48)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS36(36-48)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS35(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS35(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS35(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS35(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS35(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS35(0-12)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS35(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS35(12-24)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS35(12-24)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS35(12-24)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS35(12-24)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS35(12-24)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS35(12-24)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS35(12-24)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS35(24-36)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS35(24-36)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS35(24-36)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS35(24-36)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS35(24-36)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS35(24-36)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS35(24-36)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS35(36-48)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS35(36-48)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS35(36-48)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS35(36-48)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS35(36-48)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS35(36-48)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS35(36-48)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SSWASTE-20220818	SW5030C/8260C	71-43-2	Benzene		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW5030C/8260C	56-23-5	Carbon tetrachloride		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW5030C/8260C	108-90-7	Chlorobenzene		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW5030C/8260C	67-66-3	Chloroform		U	0.1	mg/L	0.10	U

FORMER HAWORTH PROPERTY SITE - ON SOIL ANALYTICAL RESULTS SUMMARY
MERIT LABORATORIES REPORT NO. S39421

Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-SSWASTE-20220818	SW5030C/8260C	106-46-7	1,4-Dichlorobenzene		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW5030C/8260C	107-06-2	1,2-Dichloroethane		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW5030C/8260C	75-35-4	1,1-Dichloroethene		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW5030C/8260C	78-93-3	2-Butanone (MEK)		U	1	mg/L	1.0	U
FHP-SSWASTE-20220818	SW5030C/8260C	127-18-4	Tetrachloroethene		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW5030C/8260C	79-01-6	Trichloroethene		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW5030C/8260C	75-01-4	Vinyl chloride		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW8270D	95-48-7	2-Methylphenol (o-Cresol)		U	1	mg/L	1.0	U
FHP-SSWASTE-20220818	SW8270D	84989-04-08	3-, 4-Methylphenol (p,m-Cresol)		U	1	mg/L	1.0	U
FHP-SSWASTE-20220818	SW8270D	87-86-5	Pentachlorophenol		U	1	mg/L	1.0	U
FHP-SSWASTE-20220818	SW8270D	95-95-4	2,4,5-Trichlorophenol		U	1	mg/L	1.0	U
FHP-SSWASTE-20220818	SW8270D	88-06-2	2,4,6-Trichlorophenol		U	1	mg/L	1.0	U
FHP-SSWASTE-20220818	SW8270D	121-14-2	2,4-Dinitrotoluene		U	0.09	mg/L	0.090	U
FHP-SSWASTE-20220818	SW8270D	118-74-1	Hexachlorobenzene		U	0.09	mg/L	0.090	U
FHP-SSWASTE-20220818	SW8270D	87-68-3	Hexachlorobutadiene		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW8270D	67-72-1	Hexachloroethane		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW8270D	98-95-3	Nitrobenzene		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW8270D	110-86-1	Pyridine		U	0.1	mg/L	0.10	UJ
FHP-SSWASTE-20220818	SW6020A	7440-38-2	Arsenic, TCLP		U	0.02	mg/L	0.020	U
FHP-SSWASTE-20220818	SW6020A	7440-39-3	Barium, TCLP	0.33		0.05	mg/L	0.33	
FHP-SSWASTE-20220818	SW6020A	7440-43-9	Cadmium, TCLP		U	0.005	mg/L	0.0050	U
FHP-SSWASTE-20220818	SW6020A	7440-47-3	Chromium, TCLP		U	0.05	mg/L	0.050	U
FHP-SSWASTE-20220818	SW6020A	7439-92-1	Lead, TCLP		U	0.03	mg/L	0.030	U
FHP-SSWASTE-20220818	SW7471B	7439-97-6	Mercury, TCLP		U	0.0005	mg/L	0.00050	U
FHP-SSWASTE-20220818	SW6020A	7782-49-2	Selenium, TCLP		U	0.05	mg/L	0.050	U
FHP-SSWASTE-20220818	SW6020A	7440-22-4	Silver, TCLP		U	0.005	mg/L	0.0050	U
FHP-SSWASTE-20220818	E335.4/SM4500-CN	57-12-5	Cyanide, Total		U	0.08	mg/kg	0.080	U
FHP-SSWASTE-20220818	SM4500-S2 D	18496-25-8	Sulfide		U	0.8	mg/kg	0.80	U
FHP-SSWASTE-20220818	SW9066	PHENOLS	Phenols	0.45		0.2	mg/kg	0.45	
FHP-SSWASTE-20220818	SW9095B	PF	Paint Filter Test	Pass	*			Pass	
FHP-SSWASTE-20220818	SW9045D	PH	pH/ Corrosivity	11.07		0.01	STD Units	11.07	
FHP-SSWASTE-20220818	SW1030	IGNITCC	Flashpoint for Solids		U	2.2	mm/sec	2.2	U

Lab Sample ID: S39420.21
Sample Tag: FHP-CTWASTE-20220818
Collected Date/Time: 08/18/2022 10:00
Matrix: Solid
COC Reference: 151966

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
TCLP Zero Headspace Ext.	Completed	SW1311	08/23/22 18:45	DMP	
Metal Digestion*	Completed	SW3015A	08/24/22 09:15	CCM	
TCLP/SPLP BNA Extraction*	Completed	SW3535A	08/23/22 10:30	JW	
Mercury Digestion	Completed	SW7471B	08/26/22 12:30	CTV	

TCLP Extraction

Parameter	Result	Method	Run Date	Analyst	Flags
Initial Sample pH	9.71	SW1311	08/22/22 18:30 - 08/23/22	DMP	
pH after 3.5 ml HCl	2.24	SW1311	08/22/22 18:30 - 08/23/22	DMP	
% Solids	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Sample Used g	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Volume mL	2000	SW1311	08/22/22 18:30 - 08/23/22	DMP	
TCLP Extraction Fluid	1	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Extract pH	7.09	SW1311	08/22/22 18:30 - 08/23/22	DMP	

Inorganics

Method: E335.4/SM4500-CN, Run Date: 08/26/22 09:18, Analyst: JDP

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Cyanide, Total*	Not detected	0.10		mg/kg	50	57-12-5		

Method: SM4500-S2 D, Run Date: 08/26/22 10:31, Analyst: JDP

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Sulfide*	Not detected	1.0		mg/kg	48	18496-25-8		500.0

Method: SW1030, Run Date: 08/22/22 17:15, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Flashpoint for Solids	Not detected	2.2		mm/sec	1			

Method: SW9045D, Run Date: 08/25/22 13:49, Analyst: SSM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
pH/ Corrosivity	11.30	0.01		STD Units	1			2-12.5

Method: SW9066, Run Date: 08/29/22 15:46, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Phenols*	2.30	0.2		mg/kg	20			

Metals

Method: SW6020A, Run Date: 08/24/22 10:30, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Arsenic, TCLP	Not detected	0.02		mg/L	25	7440-38-2		5.0
Barium, TCLP	0.20	0.05		mg/L	25	7440-39-3		100.0
Cadmium, TCLP	Not detected	0.005		mg/L	25	7440-43-9		1.0

Lab Sample ID: S39420.21 (continued)
Sample Tag: FHP-CTWASTE-20220818

Method: SW6020A, Run Date: 08/24/22 10:30, Analyst: CCM (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Chromium, TCLP	0.08	0.05		mg/L	25	7440-47-3		5.0
Lead, TCLP	Not detected	0.03		mg/L	25	7439-92-1		5.0
Selenium, TCLP	Not detected	0.05		mg/L	25	7782-49-2		1.0
Silver, TCLP	Not detected	0.005		mg/L	25	7440-22-4		5.0

Method: SW7471B, Run Date: 08/26/22 15:16, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Mercury, TCLP	Not detected	0.0005		mg/L	2	7439-97-6		0.2

Organics - Semi-Volatiles

TCLP Semi Volatiles, Method: SW8270D, Run Date: 08/24/22 13:38, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
2-Methylphenol (o-Cresol)	Not detected	1,000		ug/L	10	95-48-7		200,000
3-, 4-Methylphenol (p,m-Cresol)	Not detected	1,000		ug/L	10	3/4-CRESOL		200,000
Pentachlorophenol	Not detected	1,000		ug/L	10	87-86-5		100,000
2,4,5-Trichlorophenol	Not detected	1,000		ug/L	10	95-95-4		400,000
2,4,6-Trichlorophenol	Not detected	1,000		ug/L	10	88-06-2		2,000
2,4-Dinitrotoluene	Not detected	90		ug/L	10	121-14-2		130
Hexachlorobenzene	Not detected	90		ug/L	10	118-74-1		130
Hexachlorobutadiene	Not detected	100		ug/L	10	87-68-3		500
Hexachloroethane	Not detected	100		ug/L	10	67-72-1		3,000
Nitrobenzene	Not detected	100		ug/L	10	98-95-3		2,000
Pyridine	Not detected	100		ug/L	10	110-86-1		5,000

Organics - Volatiles

TCLP Volatiles, Method: SW5030C/8260C, Run Date: 08/24/22 16:40, Analyst: BML

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Benzene*	Not detected	100		ug/L	100	71-43-2		500
Carbon tetrachloride*	Not detected	100		ug/L	100	56-23-5		500
Chlorobenzene*	Not detected	100		ug/L	100	108-90-7		100,000
Chloroform*	Not detected	100		ug/L	100	67-66-3		6,000
1,4-Dichlorobenzene*	Not detected	100		ug/L	100	106-46-7		7,500
1,2-Dichloroethane*	Not detected	100		ug/L	100	107-06-2		500
1,1-Dichloroethene*	Not detected	100		ug/L	100	75-35-4		700
2-Butanone (MEK)*	Not detected	1,000		ug/L	100	78-93-3		200,000
Tetrachloroethene*	Not detected	100		ug/L	100	127-18-4		700
Trichloroethene*	Not detected	100		ug/L	100	79-01-6		500
Vinyl chloride*	Not detected	100		ug/L	100	75-01-4		200

FORMER HAWORTH PROPERTY SITE - ON OIL/SOLIDS ANALYTICAL RESULTS SUMMARY
MERIT LABORATORIES REPORT NO. S39420

Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-CT17B(0-9)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT17B(0-9)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT17B(0-9)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT17B(0-9)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT17B(0-9)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-CT17B(0-9)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CTWASTE-20220818	8260C	71-43-2	Benzene		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	56-23-5	Carbon tetrachloride		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	108-90-7	Chlorobenzene		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	67-66-3	Chloroform		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	106-46-7	1,4-Dichlorobenzene		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	107-06-2	1,2-Dichloroethane		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	75-35-4	1,1-Dichloroethene		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	78-93-3	2-Butanone (MEK)		U	1	mg/L	1.0	U
FHP-CTWASTE-20220818	8260C	127-18-4	Tetrachloroethene		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	79-01-6	Trichloroethene		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	75-01-4	Vinyl chloride		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	SW8270D	95-48-7	2-Methylphenol (o-Cresol)		U	1	mg/L	1.0	U
FHP-CTWASTE-20220818	SW8270D	84989-04-08	3-, 4-Methylphenol (p,m-Cresol)		U	1	mg/L	1.0	U
FHP-CTWASTE-20220818	SW8270D	87-86-5	Pentachlorophenol		U	1	mg/L	1.0	U
FHP-CTWASTE-20220818	SW8270D	95-95-4	2,4,5-Trichlorophenol		U	1	mg/L	1.0	U
FHP-CTWASTE-20220818	SW8270D	88-06-2	2,4,6-Trichlorophenol		U	1	mg/L	1.0	U
FHP-CTWASTE-20220818	SW8270D	121-14-2	2,4-Dinitrotoluene		U	0.09	mg/L	0.090	U
FHP-CTWASTE-20220818	SW8270D	118-74-1	Hexachlorobenzene		U	0.09	mg/L	0.090	U
FHP-CTWASTE-20220818	SW8270D	87-68-3	Hexachlorobutadiene		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	SW8270D	67-72-1	Hexachloroethane		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	SW8270D	98-95-3	Nitrobenzene		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	SW8270D	110-86-1	Pyridine		U	0.1	mg/L	0.10	UJ
FHP-CTWASTE-20220818	SW6020A	7440-38-2	Arsenic, TCLP		U	0.02	mg/L	0.020	U
FHP-CTWASTE-20220818	SW6020A	7440-39-3	Barium, TCLP	0.2		0.05	mg/L	0.20	
FHP-CTWASTE-20220818	SW6020A	7440-43-9	Cadmium, TCLP		U	0.005	mg/L	0.0050	U
FHP-CTWASTE-20220818	SW6020A	7440-47-3	Chromium, TCLP	0.08		0.05	mg/L	0.080	
FHP-CTWASTE-20220818	SW6020A	7439-92-1	Lead, TCLP		U	0.03	mg/L	0.030	U
FHP-CTWASTE-20220818	SW7471B	7439-97-6	Mercury, TCLP		U	0.0005	mg/L	0.00050	U
FHP-CTWASTE-20220818	SW6020A	7782-49-2	Selenium, TCLP		U	0.05	mg/L	0.050	U
FHP-CTWASTE-20220818	SW6020A	7440-22-4	Silver, TCLP		U	0.005	mg/L	0.0050	U
FHP-CTWASTE-20220818	E335.4/SM4500-CN	57-12-5	Cyanide, Total		U	0.1	mg/kg	0.10	U
FHP-CTWASTE-20220818	SM4500-S2 D	18496-25-8	Sulfide		U	1	mg/kg	1.0	U
FHP-CTWASTE-20220818	SW9066	PHENOLS	Phenols	2.3		0.2	mg/kg	2.3	
FHP-CTWASTE-20220818	SW9045D	PH	pH/ Corrosivity	11.3		0.01	STD Units	11.3	
FHP-CTWASTE-20220818	SW1030	IGNITCC	Flashpoint for Solids		U	2.2	mm/sec	2.2	U
FHP-SS44(0-12)-20220817	8260C	71-43-2	Benzene		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	56-23-5	Carbon tetrachloride		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	108-90-7	Chlorobenzene		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	67-66-3	Chloroform		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	106-46-7	1,4-Dichlorobenzene		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	107-06-2	1,2-Dichloroethane		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	75-35-4	1,1-Dichloroethene		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	78-93-3	2-Butanone (MEK)		U	1	mg/L	1.0	U
FHP-SS44(0-12)-20220817	8260C	127-18-4	Tetrachloroethene		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	79-01-6	Trichloroethene		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	75-01-4	Vinyl chloride		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	SW8270D	95-48-7	2-Methylphenol (o-Cresol)		U	1	mg/L	1.0	U
FHP-SS44(0-12)-20220817	SW8270D	84989-04-08	3-, 4-Methylphenol (p,m-Cresol)		U	1	mg/L	1.0	U
FHP-SS44(0-12)-20220817	SW8270D	87-86-5	Pentachlorophenol		U	1	mg/L	1.0	U
FHP-SS44(0-12)-20220817	SW8270D	95-95-4	2,4,5-Trichlorophenol		U	1	mg/L	1.0	U
FHP-SS44(0-12)-20220817	SW8270D	88-06-2	2,4,6-Trichlorophenol		U	1	mg/L	1.0	U
FHP-SS44(0-12)-20220817	SW8270D	121-14-2	2,4-Dinitrotoluene		U	0.09	mg/L	0.090	U
FHP-SS44(0-12)-20220817	SW8270D	118-74-1	Hexachlorobenzene		U	0.09	mg/L	0.090	U
FHP-SS44(0-12)-20220817	SW8270D	87-68-3	Hexachlorobutadiene		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	SW8270D	67-72-1	Hexachloroethane		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	SW8270D	98-95-3	Nitrobenzene		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	SW8270D	110-86-1	Pyridine		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	SW6020A	7440-38-2	Arsenic, TCLP		U	0.02	mg/L	0.020	U
FHP-SS44(0-12)-20220817	SW6020A	7440-39-3	Barium, TCLP	0.34		0.05	mg/L	0.34	
FHP-SS44(0-12)-20220817	SW6020A	7440-43-9	Cadmium, TCLP	0.005		0.005	mg/L	0.0050	
FHP-SS44(0-12)-20220817	SW6020A	7440-47-3	Chromium, TCLP		U	0.05	mg/L	0.050	U

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
N	**PCBs:** Surrogate compound Tetrachloro-m-xylene (TCX) was below acceptance criteria for samples FHP-CT18(0-9.5)-20220818, FHP-CT22(0-12)-20220818 FHP-CT22(0-12)-20220818, FHP-CT19(12-19)-20220818, FHP-CT16(0-12)-20220818, FHP-CT16(0-12)-20220818, FHP-CT25(0-12)-20220818, FHP-CT17(0-12)-20220817, FHP-CT17(12-24)-20220817, FHP-SS44(0-12)-20220817, FHP-SS41(0-48)-20220817, FHP-SS-DUP03, FHP-SS42(0-48)-20220818, FHP-SS32(0-12)-20220817, FHP-SS-DUP01, FHP-CT02(0-12)-20220817, FHP-CT03(0-12)-20220817, FHP-CT04(0-12)-20220817, FHP-CT05(0-12)-20220817, FHP-CT06(0-12)-20220817, FHP-CT06(0-12)-20220817, FHP-CT07(0-12)-20220817, FHP-CT08(0-12)-20220817, FHP-CT09(0-7.5)-20220817, FHP-CT11(0-12)-20220817, FHP-CT12(0-12)-20220817, FHP-CT10(12-24)-20220817, FHP-CT10(24-36)-20220817, FHP-CT15(0-8)-20220817, FHP-CT20(0-12)-20220817, FHP-CT20(12-24)-20220817, FHP-CT20(24-36)-20220817, FHP-CT27(0-12)-20220817, FHP-CT28(0-12)-20220817. However, these samples were diluted greater than 10-fold; therefore, no qualifications were necessary. Surrogate compound Decachlorobiphenyl (DCBP) was recovered above acceptance criteria for samples FHP-CT22(0-12)-20220818 and FHP-SS-DUP02. However, these samples were diluted greater than 10-fold; therefore, no qualifications were necessary.

MS/MSDs:

Within Criteria	Exceedance/Notes
N	**SVOCs (FHP-CTWASTE-20220818):** Pyridine matrix spike (MS) recovery was below acceptance criteria. No MSD was analyzed. Due to this apparent matrix interference, the non-detected result for pyridine in the parent sample was qualified as estimated, possibly biased low (flagged UJ).

Laboratory duplicates:

Within Criteria	Exceedance/Notes
Y	

Field duplicates:

Within Criteria	Exceedance/Notes
N	**PCBs:** The relative percent difference (RPD) was outside acceptance criteria (>70%) for Aroclor 1254 for field duplicate pair FHP-SS-DUP03 / FHP-SS42(0-48)-20220818. Therefore, the Aroclor 1254 result for both samples was qualified as estimated (flagged J).