



301 East Main Street
Lowell, Michigan 49331
Phone (616) 897-8457
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CITY OF LOWELL
CITY COUNCIL AGENDA
TUESDAY, FEBRUARY 18, 2020, 7:00 P.M.

1. CALL TO ORDER; PLEDGE OF ALLEGIANCE; ROLL CALL
2. RECOGNITION – LOWELL POLICE DEPARTMENT
3. CONSENT AGENDA
 - Approval of the Agenda.
 - Approve and place on file the minutes of the February 3, 2020 Regular and Closed session meetings of the City Council.
 - Authorize payment of invoices in the amount of \$327,471.15.
4. CITIZEN DISCUSSION FOR ITEMS NOT ON THE AGENDA

IF YOU WISH TO ADDRESS AN AGENDA ITEM, PUBLIC COMMENT FOR EACH ITEM WILL OCCUR AFTER THE INITIAL INFORMATION IS SHARED ON THE MATTER AND INITIAL DELIBERATIONS BY THE PUBLIC BODY. PUBLIC COMMENT WILL OCCUR BEFORE A VOTE ON THE AGENDA ITEM OCCURS.
5. OLD BUSINESS
 - a. Ware Road Update
 - b. 990 N. Washington
 - c. Resolution 05-20 – Redevelopment Ready Communities
6. NEW BUSINESS
 - a. Lowell Historical Museum Presentation
 - b. Resolution 06-20 – Non Union and Department Pension and OPEB
 - c. Resolution 07-20 – Establishing Authorized Signatories for MERS
 - d. PA 202 Waiver
7. BOARD/COMMISSION REPORTS
8. MONTHLY REPORTS
9. MANAGER'S REPORT
10. APPOINTMENTS
11. COUNCIL COMMENTS

12. ADJOURNMENT

NOTE: Any person who wishes to speak on an item included on the printed meeting agenda may do so. Speakers will be recognized by the Chair, at which time they will be allowed five (5) minutes maximum to address the Council. A speaker representing a subdivision association or group will be allowed ten (10) minutes to address the Council.



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Lowell, Michigan 49331
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MEMORANDUM

TO: Lowell City Council

FROM: Michael Burns, City Manager

RE: Council Agenda for **Tuesday**, February 18, 2020

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5. OLD BUSINESS

- a. Ware Road Update – Memo is provided by City Manager Michael Burns.

Recommended Motion: No Council action required at this time.

- b. 990 North Washington – City Manager Michael Burns provided information.

- c. Resolution 05-20 Redevelopment Ready Communities – Memo is provided by City Manager Michael Burns.

Recommended Motion: That the Lowell City Council approve Resolution 05-20 to engage in the Redevelopment Ready Communities Program.

6. NEW BUSINESS

- a. Lowell Historical Museum Presentation. Lisa Plank from the museum will provide a power point presentation.

b. Resolution 06-20 – Non Union and Department Pension and OPEB.

Recommended Motion: That the Lowell City Council approve Resolution 06-20 as presented.

c. Resolution 07-20 Establishing Authorized Signatories for MERS. Memo is provided by Lowell Light and Power General Manager Steve Donkersloot.

Recommended Motion: That the Lowell City Council approve/adopt the “Resolution Establishing Authorized Signatories for MERS Contracts and Service Credit Purchase Approvals”.

d. PA 202 Waiver – Memo is provided by City Manager Michael Burns.

Recommended Motion: That the Lowell City Council approve to request a waiver of a preliminary review of underfunded status to the Michigan Department of Treasury in accordance with Public Act 202 of 2017.

7. BOARD/COMMISSION REPORTS

8. MONTHLY REPORTS

9. MANAGER’S REPORT

10. APPOINTMENTS

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**PROCEEDINGS
OF
CITY COUNCIL
OF THE
CITY OF LOWELL
MONDAY FEBRUARY 03, 2020, 7:00 P.M.**

1. CALL TO ORDER; PLEDGE OF ALLEGIANCE; ROLL CALL.

The Meeting was called to order at 7:00 p.m. by Mayor DeVore and City Clerk Susan Ullery called roll.

Present: Councilmembers Jim Salzwedel, Cliff Yankovich, Greg Canfield, Marty Chambers and Mayor DeVore,

Absent: None.

Also Present: City Manager Michael Burns, City Clerk Susan Ullery, Chief of Police Steve Bukala, City Attorney Dick Wendt, and DPW Director Dan Czarnecki.

Mayor DeVore then turned the meeting over to Police Chief Steve Bukala who recognized three City of Lowell Police Officers for their outstanding performance in their duties.

On Wednesday, December 4, 2019 at 9:00 a.m., Officer Vansolkema responded to an overdosing 29 year old male. On arrival Officer Vansolkema found the victim blue and without respiration or pulse. The suspects mother was performing CPR, Officer Vansolkema immediately took over the CPR efforts and attached the AED. Officer Vansolkema performed CPR for nearly nine minutes before other medical personnel arrived. Officer Vansolkema also administered two doses of Narcan to the victim while waiting for additional medical assistance. Due to his quick actions and professional demeanor, the victim was eventually revived. Officer Scott Vansolkema received a lifesaving award.

On Thursday, December 12, at 12:15 p.m., officers were dispatched to a victim that was choking. Officer Shears arrived on the scene within two minutes to find his victim with bystanders lying on the ground semi-conscious and distressed. Officer Shears relying on his first aid training took immediate action and lifted the victim to her feet and began administering the Heimlich maneuver dislodging the food that was blocking her airway. The victim regained consciousness and began breathing on her own. Due to Officer Shears quick thinking and immediate action with a calm professional demeanor, the victim was revived and he saved her life. Officer Ian Shears received a lifesaving award.

Officer Scott Vansolkema was also awarded a citation for the distinguished service for his efforts, hard work on the 1033 program that represents a significant contribution to the police department of the City of Lowell and other city services.

Detective Gordy Lauren also received the distinguished service award for his efforts for the past five years for superior service, dedication, extraordinary effort, diligence and continued support of the Cold Weather Warriors Project which included raising funds, purchasing cold weather gear, and coordinating the project to make sure the Lowell Area School children have appropriate winter gear.

2. APPROVAL OF THE CONSENT AGENDA.

- Approval of the Agenda.
- Approve and place on file the minutes of the January 21, 2020 Regular and January 27, 2020 Special Meeting of the City Council.

- Authorize payment of invoices in the amount of \$518,513.26.

IT WAS MOVED BY CHAMBERS and seconded by CANFIELD to approve the consent agenda as written.

YES: Councilmember Canfield, Mayor DeVore, Councilmember Salzwedel, Councilmember Yankovich and Councilmember Chambers.

NO: None.

ABSENT: None.

MOTION CARRIED.

3. **CITIZEN COMMENTS FOR ITEMS NOT ON THE AGENDA.**

There were no comments.

4. **OLD BUSINESS**

a. **Presentation on our Redevelopment Ready Community Baseline Report.**

City Manager Michael Burns stated in our partnership with the Michigan Economic Development Corporation (MEDC), we are looking to possibly engage in the redevelopment ready community initiative and in order for us to be eligible for funding for future projects with the MEDC, we are mandated to do this program. The first step was to have a baseline report completed. Pablo Majano from the MEDC Redevelopment Ready Communities program (RRC) will provide a presentation and a report on what we need to do.

Pablo Majano gave a slide presentation, introduced our Community Assistance Team Specialist Dana Kollwehr, and showed an evaluation snapshot of the City of Lowell and then explained our next steps to getting certified.

City Manager Michael Burns expressed his concerns with the program and whether this is a bureaucratic attempt by the State of Michigan for communities to comply in order to receive economic development funds as it seems that all the requirements are impossible for a community our size to be able to meet.

b. **990 N. Washington.**

City Manager Michael Burns explained the current lease on this property expires on June 30th 2020 and there are several options to consider. The current resident would like to attend the next meeting on Tuesday February 18, 2020. The assessor has provided paperwork that pertains to the value of the parcel to help with the decision. We have received inquiries from about 6 different people interested in buying the property.

IT WAS MOVED BY YANKOVICH and seconded by DEVORE to table the discussion until they hear the history and allow the person leasing to explain his story.

YES: Mayor DeVore, Councilmember Salzwedel, Councilmember Yankovich, Councilmember Chambers, and Councilmember Canfield.

NO: None.

ABSENT: None.

MOTION CARRIED.

c. Lew Bender Session.

City Manager Michael Burns stated that the meeting with Lew Bender on January 23, 2020 went well. He believes Lew Bender recognizes as a group, we have come a long way in the last three years but there is always room for improvement. As a council, you would like to see more police presence in the downtown district, a stronger approach to code enforcement and bringing back the sidewalk program.

d. Future Water and Sewer Agreement – Lowell Township.

City Manager Michael Burns provided a PowerPoint to explain where we should go next with the future of our water and sewer and the options to consider.

Mayor DeVore suggested we table the discussion and hold it as a separate meeting with all the entities involved.

IT WAS MOVED BY CANFIELD and seconded by CHAMBERS to table the future water and sewer agreement discussion for a separate meeting.

YES: Councilmember Salzwedel, Councilmember Yankovich, Councilmember Chambers, Councilmember Canfield, and Mayor DeVore.

NO: None.

ABSENT: None.

MOTION CARRIED.

6. NEW BUSINESS

a. Striking Taxes.

IT WAS MOVED BY YANKOVICH and seconded by SALZWEDEL to approve striking the 2019 personal property taxes in the amount of \$582.99 (the city and museum portion) from the rolls.

YES: Councilmember Yankovich, Councilmember Chambers, Councilmember Canfield, Mayor DeVore and Councilmember Salzwedel.

NO: None.

ABSENT: None.

MOTION CARRIED.

b. Planning Commission – 2019 Annual Report.

City Manager stated its part of the modifications to the Michigan Planning and Zoning Enabling Act that we are required to provide an annual report to the City Council. The report is in accordance to accomplishing and planning enabling act. Burns then read the report.

c. N.W. Pump Station Roof and Gutter Replacement.

Utilities Supervisor Ralph Brecken presented the roof and gutter replacement project and went over the bids that came in.

IT WAS MOVED BY YANKOVICH and seconded by CHAMBERS to approve the quote from Risner's Roofing and Home Improvement- \$7500.

YES: Councilmember Chambers, Councilmember Canfield, Mayor DeVore, Councilmember Salzwedel, and Councilmember Yankovich.

No: None.

ABSENT: None.

MOTION CARRIED.

d. Park Use Agreements.

DPW Director Dan Czarnecki stated several Park Use Agreements will be expiring March 31, 2020. These include Lowell Lacrosse, Backyard Dreams, YMCA of Greater Grand Rapids, and Lowell Youth Football. There are provisions to allow the agreements to be extended on a one-year basis. A similar extension was granted to Lowell Little League in December. At the January Parks Board meeting, the Board agreed to recommend to City Council to allow each Park Use Agreement to be extended one year, with no change to the user fees and participation fees. This would bring all the Park User Agreements to a similar time period and fee structure for one more year.

IT WAS MOVED BY SALZWEDEL and seconded by CHAMBERS that Lowell City Council extend the current Park User Agreements with Lowell Lacrosse, Backyard Dreams, YMCA of Greater Grand Rapids, and Lowell Youth Football until March 31, 2021.

YES: Councilmember Canfield, Mayor DeVore, Councilmember Salzwedel, Councilmember Yankovich, and Councilmember Chambers.

NO: None.

ABSENT: None.

MOTION CARRIED.

e. West Michigan Warriors Park Use Agreement.

DPW Director Dan Czarnecki stated we were approached by the West Michigan Warriors, a travel baseball team, looking for a facility to hold their practices two times a week. They would like to use Recreation Park on Sunday mid-day and Thursday evenings. After reviewing schedules, this facility is available on these days. A Park Use Agreement has been prepared for this use. The form is identical to the other user agreements. The participation fees are the same as well as agreement for one year expiring March 31, 2021. Parks Board agreed unanimously in support of this use and recommends that City Council approve the request.

IT WAS MOVED BY CHAMBERS and seconded by YANKOVICH to approve the agreement and resolution for the West Michigan Warriors as presented and authorize the Mayor to sign the agreement.

YES: Mayor DeVore, Councilmember Salzwedel, Councilmember Yankovich, Councilmember Chambers, and Councilmember Canfield.

NO: None.

ABSENT: None.

MOTION CARRIED.

f. Commercial and Industrial Districts – Ordinance 20-01.

City Clerk Susan Ullery stated at its meeting of January 13, 2020, the Planning Commission reviewed the Commercial and Industrial Districts and suggested the changes showing on the redlined copy provided.

Dick Wendt suggested they clarify the residential section with Andy Moore before approving.

IT WAS MOVED BY YANKOVICH and seconded by CHAMBERS to table discussion until next meeting to clarify some items with Andy Moore who is with Williams & Works.

YES: Councilmember Salzwedel, Councilmember Yankovich, Councilmember Chambers, Councilmember Canfield, Mayor DeVore.

NO: None.

ABSENT: None.

MOTION CARRIED.

g. Fiscal Year 20/21 Budget Calendar.

City Manager Michael Burns stated we are beginning to prepare for the upcoming Fiscal Year 2021 Budget. My responsibility in the City Charter is to provide the council with a balanced budget. I will ensure

this occurs by the third Monday in April 2020 as the City Charter requires me to. While it is obviously important to engage with the Council and the general public regarding the proposed budget, I will be holding that session via an all-day budget session on Saturday, April 25, 2020. Department Directors will be presenting their budget line item by line item on that day. The Public Hearing for the Budget Hearing will be held on Monday, May 18, 2020. The Council can approve the budget that evening or if we need to make changes, we can do so. Listed below are the dates you need to be aware of.

- February 3, 2020 – March 13, 2020 Department Directors prepare and work with the City Manager and City Treasurer on budget work sheets.
- March 16, 2020 – City Manager requires that Department Directors have budget submitted.
- March 16, 2020 to April 10, 2020 – City Manager and City Treasurer review budget requests. City Manager will make modifications as needed.
- April 13, 2020 to April 17, 2020 – Budget will be formalized to publication.
- April 20, 2020 – Budget will be submitted to City Council.
- April 25, 2020 – Budget Work Session.
- May 4, 2020 – Public Hearing for Fiscal Year (FY) 2021 Budget date set at City Council Meeting.
- May 18, 2020 – Public Hearing for FY 2021 Budget held. Council may approve that evening.
- July 1, 2020 – FY 2021 Year begins.

IT WAS MOVED BY SALZWEDEL and seconded by YANKOVICH to approve the budget calendar as presented.

YES: Councilmember Yankovich, Councilmember Chambers, Councilmember Canfield, Mayor DeVore and Councilmember Salzwedel.

NO: None.

ABSENT: None.

MOTION CARRIED.

7. **BOARD/COMMISSION REPORTS.**

Councilmember Yankovich stated the Historical District is sort of in a hold as they have a couple request in, but are waiting to see how much the Community Fund will give of the \$100,000 grant request.

Mayor DeVore stated the LCTV applications are due on Friday, February 7, 2020 at 5:00 p.m. at City Hall.

8. **MANAGER'S REPORT.**

City Manager Michael Burns reported on the following:

- Will be off from February 27, 2020 until March 13, 2020 for the delivery of his child.
- Been working this week on the LCTV Grant for assistance for Ware Road. We should be receiving a draft copy of a report from BLDI this week. I anticipate that will be at the next council meeting or the following council meeting.
- Last week, I did submit a CDBG Grant to the County for Amity Street so we are waiting to hear on that.
- This week the governor made an announcement at the State of the State address that she will be bonding for 3.5 million dollars in revenue for state highways. The majority of that funding will be in Southeast Michigan. I believe there are 46 projects in Southeast Michigan. That funding does not address any local roads, any local streets, or any County roads that are controlled by the Road

Commission. Also, they will be using ACT51 dollars (your gas tax funds) to be paying for the bond payments.

- Dick Wendt is pulling back the reigns as City Attorney and lessening his hours as he will eventually Retire. I want to thank Dick Wendt for his years of service to the City. I consider him a friend and I really appreciate him helping me through the first two years here as they were pretty rough.
- Introduced Jessica Wood from Dickinson Wright and ask her to say a few words.

Jessica Wood from Dickenson Wright then introduced herself and gave her background in municipal law and stated she is looking forward to her new role with the City of Lowell.

9. **APPOINTMENTS.**

The Downtown Development Authority has an appointment opening.

The Construction Board of Appeals has an appointment opening.

10. **COUNCIL COMMENTS.**

Councilmember Yankovich stated we saw two lifesaving awards given out this evening, one of the officers was there in two minutes. I think those two people that are alive today because of their efforts would appreciate that we have a local police department.

Councilmember Canfield wanted to echo what Councilmember Yankovich said, it is great the things that we have here with a local police department and one of many examples of things that really are much better because of that. The cost is well worth it. Thanks for the great job you guys do. What you are encountering on the streets today is not what you signed up for but at least here in Lowell, we are a little better than some of the other areas. Also, congratulations Dick Wendt on your retirement, thank you for your service. Jessica Wood, thank you for your help on the marihuana items. You have been very knowledgeable and thorough and I am impressed. Canfield did suggest at some point, putting out an RFP on the City Attorney position as that is the Councils due diligence, although he can't imagine anyone could compete with Attorneys Dick Wendt and Jessica Wood, based on upon your knowledge and your history with us.

Councilmember Chambers stated he would like to thank Lowell Police Department for always being there for us. It shows they are a great asset to the city. Nice to see Ralph in the plow truck, he came by nice and slow unlike Kent County who needs to learn the speed limit. I have enjoyed working with Jessica Wood, you have a lot of knowledge and it will be fun to see how we can torment you. Congratulations to Dick Wendt.

11. **MOTION TO GO INTO CLOSED SESSION.**

IT WAS MOVED SALZWEDEL and seconded by CHAMBERS to adjourn at 8:18 p.m.

YES: 5

NO: None.

ABSENT: None

MOTION CARRIED.

12. **MOTION TO RETURN TO OPEN SESSION.**

IT WAS MOVED BY SALZWEDEL and seconded by CANFIELD to return to open session at 8:58 p.m.

YES: 5. NO: None. ABSENT: None. MOTION CARRIED.

IT WAS MOVED BY CHAMBERS and seconded by CANFIELD to approve the tentative agreement with the FLP.

YES: Mayor DeVore, Councilmember Salzwedel, Councilmember Yankovich, Councilmember Chambers, and Councilmember Canfield.

NO: None. ABSENT: None. MOTION CARRIED.

13. **ADJOURNMENT.**

IT WAS MOVED BY SALZWEDEL and seconded by YANKOVICH to adjourn at 8:59.

DATE:

APPROVED:

Mike DeVore, Mayor

Sue Ullery, Lowell City Clerk

**CITY OF LOWELL
KENT COUNTY, MICHIGAN**

RESOLUTION NO. 04-20

**RESOLUTION APPROVING AND AUTHORIZING EXECUTION
OF A PUBLIC PARK USE AGREEMENT WITH WEST MICHIGAN WARRIORS**

Councilmember CHAMBERS supported by Councilmember YANKOVICH moved the adoption of the following resolution:

WHEREAS, the City of Lowell (the "City") owns Recreation park, a public park with the City (the "Park"); and

WHEREAS, the West Michigan Warriors (the "WMW") has requested permission to use the Park for purposes of youth baseball and related activities; and

WHEREAS, the City is willing to permit WMW to use the Park for such purpose, pursuant to the terms and conditions of a Public Park Use Agreement (the "Agreement").

NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:

1. That the Agreement in the form presented at this meeting is approved with such modifications not materially adverse to the City approved as to content by the City Manager and as to form by the City Attorney.
2. That the Mayor and City Clerk are authorized and directed to execute the approved Agreement for and on behalf of the City.
3. That all resolutions or parts of resolutions in conflict herewith shall be an the same are hereby rescinded to the extent of such conflict

YEAS: Mayor DeVore and Councilmembers Salzwedel, Yankovich, Chambers

and Canfield

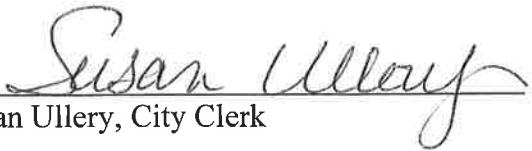
NAYS: Councilmembers None

ABSTAIN: Councilmembers None

ABSENT: Councilmembers None

RESOLUTION DECLARED ADOPTED.

Dated: February 3, 2020


Susan Ullery, City Clerk

CERTIFICATION

I, the undersigned City Clerk of the City of Lowell, Michigan (the "City") do hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council, at a meeting held on February 3, 2020, and that public notice of said meeting was given pursuant to and in compliance with Act 267 of the Public Acts of Michigan of 1976, as amended.

Dated: February 3, 2020


Susan Ullery, City Clerk

02/14/2020 12:48 PM
User: LORI
DB: Lowell

INVOICE APPROVAL BY INVOICE REPORT FOR CITY OF LOWELL
POST DATES 02/01/2020 - 02/14/2020
BOTH JOURNALIZED AND UNJOURNALIZED
BOTH OPEN AND PAID - CHECK TYPE: PAPER CHECK

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Vendor Code	Vendor Name	Invoice	Description	Amount
01878	ACTION CHEMICAL	394820	VACUUM DRIVE BELT	24.60
TOTAL FOR: ACTION CHEMICAL				24.60
00050	BERNARDS ACE HARDWARE	JAN 2020	STATEMENT OF ACCOUNT	543.17
TOTAL FOR: BERNARDS ACE HARDWARE				543.17
10686	BETTEN BAKER	132936	#11 DUMP TRUCK R & M	294.03
		133012	CHEVY 2009 #14 R & M	561.13
		133348	2016 FORD LPD #837 R & M	53.41
TOTAL FOR: BETTEN BAKER				908.57
01916	BS&A SOFTWARE	127495	ASSESSING SYSTEM SUPPORT	890.00
TOTAL FOR: BS&A SOFTWARE				890.00
00084	CANFIELD PLUMBING & HEATING IN	I82057	MUSEUM R & M	198.00
		I82075	CITY HALL R & M	99.00
TOTAL FOR: CANFIELD PLUMBING & HEATING IN				297.00
10493	COMCAST CABLE	2/6 - 3/6/2020	DPW CABLE	50.41
TOTAL FOR: COMCAST CABLE				50.41
10499	COMPASS MINERALS	593127	BULK HIGHWAY SALT	4,389.71
TOTAL FOR: COMPASS MINERALS				4,389.71
10509	CONSUMERS ENERGY	1/1-1/31/2020	AIRPORT STREET LIGHT	26.59
		FEB 2020	ACCOUNT STATEMENTS	2,828.99
TOTAL FOR: CONSUMERS ENERGY				2,855.58
00132	D&D TRUCKING ACQUISITION, LLC	29858	#16 PLOW TRUCK R & M	523.69
		29872	#16 PLOW TRUCK R & M	203.26
		29913	#31 LOADER R & M	1,192.21
TOTAL FOR: D&D TRUCKING ACQUISITION, LLC				1,919.16
10598	DATAWORKS PLUS LLC	20-312	LPD WINDOWS 10 UPDATE	1,784.00
TOTAL FOR: DATAWORKS PLUS LLC				1,784.00
10853	DAVIS & STANTON PROMOTIONS	138275	POLICE UNIFORM BARS	54.00
TOTAL FOR: DAVIS & STANTON PROMOTIONS				54.00
01108	DES MOINES STAMP MFG. CO.	1158798	DATER STAMP PAD	36.65
TOTAL FOR: DES MOINES STAMP MFG. CO.				36.65

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Vendor Code	Vendor Name	Invoice	Description	Amount
00148	DICKINSON WRIGHT PLLC			
	1445038		LEGAL SERVICES - INCOME TAX	2,760.94
	1445039		LEGAL SERVICES - SHOWBOAT	703.00
	1445041		LEGAL SERVICES	296.00
	1445043		LEGAL SERVICES - PROPERTY TAX	296.00
TOTAL FOR: DICKINSON WRIGHT PLLC				4,055.94
10297	EJ USA, INC.			
	110200006694		WATER DEPT R & M	268.75
TOTAL FOR: EJ USA, INC.				268.75
10670	FAHEY SCHULTZ BURZYCH RHODES PLC			
	51220		LABOR CONTRACT	3,395.00
TOTAL FOR: FAHEY SCHULTZ BURZYCH RHODES PLC				3,395.00
10536	FANDANGLED CUSTOM APPAREL & GIFTS			
	1946		NAME PLATE	33.00
TOTAL FOR: FANDANGLED CUSTOM APPAREL & GIFTS				33.00
10211	FIRE PROS INC.			
	INV-1783886		SPRINKLER SYSTEM INSPECTION - MUSEUM	162.50
TOTAL FOR: FIRE PROS INC.				162.50
10369	FLAT RIVER ELECTRIC LLC			
	I3528		LIBRARY R & M	486.00
TOTAL FOR: FLAT RIVER ELECTRIC LLC				486.00
00225	GRAND RAPIDS COMMUNITY COLLEGE			
	1/16 - 1/31/2020		TAX DISBURSEMENT	454.94
TOTAL FOR: GRAND RAPIDS COMMUNITY COLLEGE				454.94
00710	HAROLD ZEIGLER FORD, INC.			
	215032		LPD #836 R & M	128.94
TOTAL FOR: HAROLD ZEIGLER FORD, INC.				128.94
01893	HEARTHSTONE DESIGN STUDIO LLC			
	5963		NOV - DEC 2019 SHOWBOAT CONSULTING	1,156.25
TOTAL FOR: HEARTHSTONE DESIGN STUDIO LLC				1,156.25
00248	HOOPER PRINTING			
	59549		POLICE BADGE - LUX	15.00
TOTAL FOR: HOOPER PRINTING				15.00
00254	HURST, CHRIS			
	7300		MACP CONFERENCE	23.02
TOTAL FOR: HURST, CHRIS				23.02
00948	KCCA			
	2/13/2020		2020 MEMBERSHIP - ULLERY & BROWN	15.00
TOTAL FOR: KCCA				15.00
00291	KENT COUNTY ROAD COMMISSION			
	411738		TRAFFIC LIGHT AUG & SEPT 2019	90.86
TOTAL FOR: KENT COUNTY ROAD COMMISSION				90.86
00300	KENT COUNTY TREASURER			
	1/16 - 1/31/2020		TAX DISBURSEMENT	17,062.52
	1/16-1/31/2020		TAX DISBURSEMENT - DELINQ	75.52
TOTAL FOR: KENT COUNTY TREASURER				17,138.04

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Vendor Code	Vendor Name	Invoice	Description	Amount
00303	KENT DISTRICT LIBRARY	1/16 - 1/31/2020	TAX DISBURSEMENT	9,621.43
TOTAL FOR: KENT DISTRICT LIBRARY				9,621.43
00302	KENT INTERMEDIATE SCHOOL DIST.	1/16 - 1/31/2020	TAX DISBURSEMENT	1,443.31
TOTAL FOR: KENT INTERMEDIATE SCHOOL DIST.				1,443.31
10852	LENS EQUIPMENT	5156	POLICE EQUIPMENT	180.00
TOTAL FOR: LENS EQUIPMENT				180.00
10664	LEWIS G. BENDER, PH.D.	2/1/2020	COUNCIL WORKSHOP 1/23/2020	2,803.00
TOTAL FOR: LEWIS G. BENDER, PH.D.				2,803.00
00317	LOWELL AREA CHAMBER	17404	2020 COMMUNITY EXPO BOOTH	125.00
TOTAL FOR: LOWELL AREA CHAMBER				125.00
10181	LOWELL AREA FIRE AUTHORITY	2/1/2020	LEWIS BENDER WORKSHOP 1/28/2020	983.14
TOTAL FOR: LOWELL AREA FIRE AUTHORITY				983.14
01374	LOWELL AREA HISTORICAL MUSEUM	1/16 - 1/31/2020	TAX DISBURSEMENT	62.56
TOTAL FOR: LOWELL AREA HISTORICAL MUSEUM				62.56
00562	LOWELL AREA SCHOOLS	1/16 - 1/31/2020	TAX DISBURSEMENT	73,973.82
TOTAL FOR: LOWELL AREA SCHOOLS				73,973.82
00347	LOWELL CHARTER TOWNSHIP	FINAL #12	OVERPAYMENT FOR WATER	5,103.37
TOTAL FOR: LOWELL CHARTER TOWNSHIP				5,103.37
10143	LOWELL FIRE & EMERGENCY SERV. AUTH.	31	SERVICES JAN - MARCH 2020 3RD QTR	28,950.22
		32	MCGRATH CONSULTING	1,012.50
TOTAL FOR: LOWELL FIRE & EMERGENCY SERV. AUTH.				29,962.72
00341	LOWELL LIGHT & POWER	3379	ACCESS POINT/STREET LIGHTS	4,621.33
		3390	IP CONSULTING & ADDORIO CHARGES	4,093.70
		JAN 2020	ELECTRIC STATEMENTS	20,361.25
TOTAL FOR: LOWELL LIGHT & POWER				29,076.28
00426	MODEL COVERALL SERVICE, INC.	JAN 2020	LIBRARY RUGS	319.90
TOTAL FOR: MODEL COVERALL SERVICE, INC.				319.90
10838	MORAN IRON WORKS, INC	16018	SHOWBOAT MATERIALS	55,320.16
		16019	MORAN MATERIALS	217.19
		16020	SHOWBOAT LABOR	10,593.90
TOTAL FOR: MORAN IRON WORKS, INC				66,131.25

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02424	MRWA R7417	2020 ANNUAL CONFERENCE	380.00
TOTAL FOR: MRWA			380.00
01499	NAPA AUTO PARTS 1/31/2020	ACCOUNT STATEMENT	388.84
TOTAL FOR: NAPA AUTO PARTS			388.84
00468	NYE UNIFORM COMPANY CO 710352 728308	POLICE SUPPLIES UNIFORMS - HEARD	12.50 12.50
TOTAL FOR: NYE UNIFORM COMPANY CO			25.00
00499	PETTY CASH 2/4/2020	PETTY CASH 2/4/2020	86.98
TOTAL FOR: PETTY CASH			86.98
10762	PROFESSIONAL CODE INSPECTIONS OF MI 6252	CODE INSPECTIONS JANUARY 2020	1,494.90
TOTAL FOR: PROFESSIONAL CODE INSPECTIONS OF MI			1,494.90
10130	RASHID, JEFFREY JAN 2020	ASSESSING EXPENSES	103.50
TOTAL FOR: RASHID, JEFFREY			103.50
10854	ROB'S AUTOMOTIVE & SERVICES LLC 3555	TOWING SERVICE	75.00
TOTAL FOR: ROB'S AUTOMOTIVE & SERVICES LLC			75.00
MISC	RON COURSER ASSOC. 2/19 -/2/24/2020	DEPOSIT REFUND FOR GRAND RIVER ROOM RENTAL	200.00
TOTAL FOR: RON COURSER ASSOC.			200.00
10378	RUESINK, KATHIE 911025/911026	CLEANING SERVICES 2/2 - 2/13	540.00
TOTAL FOR: RUESINK, KATHIE			540.00
10316	SCENIC EXPRESSIONS LLC 2143	SNOW PLOWING AT AIRPORT JAN 2020	1,100.00
TOTAL FOR: SCENIC EXPRESSIONS LLC			1,100.00
02575	SELF SERVE LUMBER JAN 2020	ACCOUNT STATEMENT	27.09
TOTAL FOR: SELF SERVE LUMBER			27.09
10849	SMART BUSINESS SOURCE OE-22221-1 WO-65287-1	OFFICE SUPPLIES OFFICE SUPPLIES	394.08 246.56
TOTAL FOR: SMART BUSINESS SOURCE			640.64
10813	SOYKA, CODY 2/13/2020	CDL LICENSE REIMBURSEMENT	100.00
TOTAL FOR: SOYKA, CODY			100.00
01061	STATE OF MICHIGAN BLR439785	LIBRARY BOILER CERTIFICATE	130.00
TOTAL FOR: STATE OF MICHIGAN			130.00

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10341	STATE OF MICHIGAN		
	551-557059	SOR REGISTRATION JAN 2020	120.00
	551-557502	POLICE FINGERPRINTS JAN 20202	259.50
TOTAL FOR: STATE OF MICHIGAN			379.50
02032	STEALTH PEST MANAGEMENT LLC		
	JAN 2020	PEST CONTROL	130.00
TOTAL FOR: STEALTH PEST MANAGEMENT LLC			130.00
10583	SUEZ WATER ENVIRONMENTAL SVC INC		
	202038918	WWPT SERVICES JAN 2020	38,490.00
TOTAL FOR: SUEZ WATER ENVIRONMENTAL SVC INC			38,490.00
02473	SUPERIOR ASPHALT, INC.		
	61987	STREET SUPPLIES	959.00
	62148	STREET SUPPLIES	987.00
TOTAL FOR: SUPERIOR ASPHALT, INC.			1,946.00
10543	TRACTOR SUPPLY CREDIT PLAN		
	1/31/2020	ACCOUNT STATEMENT	256.59
TOTAL FOR: TRACTOR SUPPLY CREDIT PLAN			256.59
00646	ULLERY, SUSAN		
	2/13/2020	MILEAGE REIMBURSEMENT	235.23
	4/11/2019	CLERKS MASTERS - MILEAGE & FOOD	83.63
TOTAL FOR: ULLERY, SUSAN			318.86
02203	VISA		
	JANUARY 2020	ACCOUNT STATEMENT	3,411.58
TOTAL FOR: VISA			3,411.58
00692	WILLIAMS & WORKS INC.		
	89674	PROFESSIONAL SERVICES	2,150.00
	89728	HOWARD, SUFFOLK, ELIZ, RIVERSIDE RESURFACE	4,990.80
TOTAL FOR: WILLIAMS & WORKS INC.			7,140.80
10034	WMACP		
	2020	MEMBERSHIP CHIEF BUKALA	25.00
TOTAL FOR: WMACP			25.00
10567	WOLF KUBOTA		
	BYR-10926	NEW #55 EXMARK MOWER	9,119.00
TOTAL FOR: WOLF KUBOTA			9,119.00
TOTAL - ALL VENDORS			327,471.15

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Fund 101 GENERAL FUND					
Dept 000					
101-000-040.000	ACCOUNTS RECEIVABLE	VISA	ACCOUNT STATEMENT	273.60	74026
101-000-222.001	DUE CO-DELINQ PERS PROP T	KENT COUNTY TREASURER	TAX DISBURSEMENT - DELINQ	20.55	73991
101-000-225.001	DUE SCHL-DELINQ PERS PROP	LOWELL AREA SCHOOLS	TAX DISBURSEMENT	33.60	73999
101-000-228.009	DUE TO STATE-DELINQ S.E.T	KENT COUNTY TREASURER	TAX DISBURSEMENT - DELINQ	28.81	73991
101-000-234.001	DUE INTERMED SCHL-DELINQ	KENT INTERMEDIATE SCHOOL	TAX DISBURSEMENT	23.00	73993
101-000-235.001	DUE TO COM COLLEGE-DELINQ	GRAND RAPIDS COMMUNITY CO	TAX DISBURSEMENT	8.58	73983
101-000-236.001	DUE TO LOWELL HISTORICAL	LOWELL AREA HISTORICAL MU	TAX DISBURSEMENT	1.16	73998
101-000-274.000	UNDISTRIBUTED DELINQUENT	GRAND RAPIDS COMMUNITY CO	TAX DISBURSEMENT	4.55	73983
101-000-274.000	UNDISTRIBUTED DELINQUENT	KENT COUNTY TREASURER	TAX DISBURSEMENT - DELINQ	26.16	73991
101-000-274.000	UNDISTRIBUTED DELINQUENT	KENT INTERMEDIATE SCHOOL	TAX DISBURSEMENT	12.19	73993
101-000-274.000	UNDISTRIBUTED DELINQUENT	LOWELL AREA HISTORICAL MU	TAX DISBURSEMENT	0.62	73998
101-000-274.000	UNDISTRIBUTED DELINQUENT	LOWELL AREA SCHOOLS	TAX DISBURSEMENT	17.81	73999
101-000-285.000	DEPOSITS	RON COURSER ASSOC.	DEPOSIT REFUND FOR GRAND	200.00	74013
Total For Dept 000				650.63	
Dept 101 COUNCIL					
101-101-727.000	OFFICE SUPPLIES	FANDANGLED CUSTOM APPAREL	NAME PLATE	33.00	73980
101-101-864.000	CONFERENCES & CONVENTIONS	VISA	ACCOUNT STATEMENT	780.00	74026
101-101-955.000	MISCELLANEOUS EXPENSE	PETTY CASH	PETTY CASH 2/4/2020	47.26	73964
101-101-955.000	MISCELLANEOUS EXPENSE	VISA	ACCOUNT STATEMENT	78.00	74026
Total For Dept 101 COUNCI				938.26	
Dept 172 MANAGER					
101-172-742.000	MARIJUANA ADMIN. FEES	VISA	ACCOUNT STATEMENT	30.00	74026
101-172-801.000	PROFESSIONAL SERVICES	DICKINSON WRIGHT PLLC	LEGAL SERVICES - INCOME T	2,760.94	73977
101-172-801.000	PROFESSIONAL SERVICES	LEWIS G. BENDER, PH.D.	COUNCIL WORKSHOP 1/23/202	2,803.00	73995
Total For Dept 172 MANAGE				5,593.94	
Dept 191 ELECTIONS					
101-191-740.000	OPERATING SUPPLIES	SMART BUSINESS SOURCE	OFFICE SUPPLIES	53.58	74017
101-191-740.000	OPERATING SUPPLIES	SMART BUSINESS SOURCE	OFFICE SUPPLIES	27.60	74017
Total For Dept 191 ELECTI				81.18	
Dept 209 ASSESSOR					
101-209-740.000	OPERATING SUPPLIES	SMART BUSINESS SOURCE	OFFICE SUPPLIES	15.08	74017
101-209-860.000	TRAVEL EXPENSES	RASHID, JEFFREY	ASSESSING EXPENSES	103.50	74011
Total For Dept 209 ASSESS				118.58	
Dept 210 ATTORNEY					
101-210-801.000	PROFESSIONAL SERVICES	DICKINSON WRIGHT PLLC	LEGAL SERVICES	296.00	73977
101-210-801.000	PROFESSIONAL SERVICES	DICKINSON WRIGHT PLLC	LEGAL SERVICES - PROPERTY	296.00	73977
101-210-802.000	LABOR RELATIONS ATTORNEY	FAHEY SCHULTZ BURZYCH RHO	LABOR CONTRACT	3,395.00	73979
Total For Dept 210 ATTORN				3,987.00	
Dept 215 CLERK					
101-215-730.000	POSTAGE	PETTY CASH	PETTY CASH 2/4/2020	5.19	73964
101-215-860.000	TRAVEL EXPENSES	ULLERY, SUSAN	CLERKS MASTERS - MILEAGE	78.64	74025
101-215-864.000	CONFERENCES & CONVENTIONS	ULLERY, SUSAN	CLERKS MASTERS - MILEAGE	4.99	74025
101-215-955.000	MISCELLANEOUS EXPENSE	KCCA	2020 MEMBERSHIP - ULLERY	15.00	73988
Total For Dept 215 CLERK				103.82	
Dept 253 TREASURER					
101-253-955.000	MISCELLANEOUS EXPENSE	VISA	ACCOUNT STATEMENT	33.50	74026
Total For Dept 253 TREASU				33.50	
Dept 265 CITY HALL					
101-265-727.000	OFFICE SUPPLIES	DES MOINES STAMP MFG. CO.	DATER STAMP PAD	36.65	73976
101-265-727.000	OFFICE SUPPLIES	SMART BUSINESS SOURCE	OFFICE SUPPLIES	22.26	74017
101-265-740.000	OPERATING SUPPLIES	PETTY CASH	PETTY CASH 2/4/2020	32.54	73964
101-265-740.000	OPERATING SUPPLIES	SMART BUSINESS SOURCE	OFFICE SUPPLIES	294.20	74017
101-265-740.000	OPERATING SUPPLIES	SMART BUSINESS SOURCE	OFFICE SUPPLIES	43.81	74017
101-265-802.000	CONTRACTUAL	RUESINK, KATHIE	CLEANING SERVICES 2/2 - 2	360.00	74014

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Fund 101 GENERAL FUND					
Dept 265 CITY HALL					
101-265-850.000	COMMUNICATIONS	LOWELL LIGHT & POWER	ACCESS POINT/STREET LIGHT	198.18	74002
101-265-850.000	COMMUNICATIONS	LOWELL LIGHT & POWER	IP CONSULTING & ADDORIO C	1,011.24	74004
101-265-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	2,565.71	74003
101-265-930.000	REPAIR & MAINTENANCE	BERNARDS ACE HARDWARE	STATEMENT OF ACCOUNT	97.39	73966
101-265-930.000	REPAIR & MAINTENANCE	CANFIELD PLUMBING & HEATI	CITY HALL R & M	99.00	73969
101-265-930.000	REPAIR & MAINTENANCE	ACTION CHEMICAL	VACUUM DRIVE BELT	24.60	73965
Total For Dept 265 CITY H				4,785.58	
Dept 276 CEMETERY					
101-276-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	159.00	74003
Total For Dept 276 CEMETE				159.00	
Dept 294 UNALLOCATED MISCELLANEOUS					
101-294-955.000	UNALLOCATED MISCELLANEOUS	LOWELL AREA CHAMBER	2020 COMMUNITY EXPO BOOTH	125.00	73996
101-294-955.000	UNALLOCATED MISCELLANEOUS	LOWELL AREA FIRE AUTHORIT	LEWIS BENDER WORKSHOP 1/2	983.14	73997
Total For Dept 294 UNALLO				1,108.14	
Dept 301 POLICE DEPARTMENT					
101-301-626.000	REPORTS & FINGERPRINT FEE	STATE OF MICHIGAN	SOR REGISTRATION JAN 2020	120.00	74020
101-301-626.000	REPORTS & FINGERPRINT FEE	STATE OF MICHIGAN	POLICE FINGERPRINTS JAN 2	259.50	74020
101-301-727.000	OFFICE SUPPLIES	SMART BUSINESS SOURCE	OFFICE SUPPLIES	27.25	74017
101-301-740.000	OPERATING SUPPLIES	BERNARDS ACE HARDWARE	STATEMENT OF ACCOUNT	12.98	73966
101-301-740.000	OPERATING SUPPLIES	HOOPER PRINTING	POLICE BADGE - LUX	15.00	73986
101-301-740.000	OPERATING SUPPLIES	NYE UNIFORM COMPANY CO	POLICE SUPPLIES	12.50	74009
101-301-744.000	UNIFORMS	NYE UNIFORM COMPANY CO	UNIFORMS - HEARD	12.50	74009
101-301-850.000	COMMUNICATIONS	LOWELL LIGHT & POWER	ACCESS POINT/STREET LIGHT	93.41	74002
101-301-850.000	COMMUNICATIONS	LOWELL LIGHT & POWER	IP CONSULTING & ADDORIO C	836.24	74004
101-301-864.000	CONFERENCES & CONVENTIONS	HURST, CHRIS	MACP CONFERENCE	23.02	73987
101-301-864.000	CONFERENCES & CONVENTIONS	VISA	ACCOUNT STATEMENT	230.00	74026
101-301-955.000	MISCELLANEOUS EXPENSE	VISA	ACCOUNT STATEMENT	33.50	74026
101-301-955.000	MISCELLANEOUS EXPENSE	WMACP	MEMBERSHIP CHIEF BUKALA	25.00	74029
101-301-957.000	TRAINING	VISA	ACCOUNT STATEMENT	265.00	74026
101-301-984.000	EQUIPMENT	DAVIS & STANTON PROMOTION	POLICE UNIFORM BARS	54.00	73975
101-301-984.000	EQUIPMENT	LENS EQUIPMENT	POLICE EQUIPMENT	180.00	73994
101-301-984.000	EQUIPMENT	VISA	ACCOUNT STATEMENT	89.00	74026
Total For Dept 301 POLICE				2,288.90	
Dept 336 FIRE					
101-336-985.000	FIRE COMMISSION PAYMENT	LOWELL FIRE & EMERGENCY S	MCGRATH CONSULTING	1,012.50	74001
101-336-985.000	FIRE COMMISSION PAYMENT	LOWELL FIRE & EMERGENCY S	SERVICES JAN - MARCH 2020	28,950.22	74001
Total For Dept 336 FIRE				29,962.72	
Dept 400 PLANNING & ZONING					
101-400-801.000	PROFESSIONAL SERVICES	WILLIAMS & WORKS INC.	PROFESSIONAL SERVICES	1,339.00	74028
101-400-801.000	PROFESSIONAL SERVICES	WILLIAMS & WORKS INC.	PROFESSIONAL SERVICES	96.00	74028
101-400-801.000	PROFESSIONAL SERVICES	WILLIAMS & WORKS INC.	PROFESSIONAL SERVICES	715.00	74028
101-400-864.000	CONFERENCES & CONVENTIONS	VISA	ACCOUNT STATEMENT	700.00	74026
101-400-864.000	CONFERENCES & CONVENTIONS	ULLERY, SUSAN	MILEAGE REIMBURSEMENT	235.23	74025
Total For Dept 400 PLANNI				3,085.23	
Dept 441 DEPARTMENT OF PUBLIC WORKS					
101-441-727.000	OFFICE SUPPLIES	SMART BUSINESS SOURCE	OFFICE SUPPLIES	1.31	74017
101-441-740.000	OPERATING SUPPLIES	BERNARDS ACE HARDWARE	STATEMENT OF ACCOUNT	10.36	73966
101-441-802.000	CONTRACTUAL	STEALTH PEST MANAGEMENT L	PEST CONTROL	50.00	74021
101-441-802.000	CONTRACTUAL	SOYKA, CODY	CDL LICENSE REIMBURSEMENT	100.00	74018
101-441-850.000	COMMUNICATIONS	COMCAST CABLE	DPW CABLE	50.41	73970
101-441-850.000	COMMUNICATIONS	LOWELL LIGHT & POWER	ACCESS POINT/STREET LIGHT	27.21	74002
101-441-850.000	COMMUNICATIONS	LOWELL LIGHT & POWER	IP CONSULTING & ADDORIO C	748.74	74004
101-441-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	354.76	74003
101-441-920.000	PUBLIC UTILITIES	CONSUMERS ENERGY	ACCOUNT STATEMENTS	852.82	73972

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Fund 101 GENERAL FUND					
Dept 441 DEPARTMENT OF PUBLIC WORKS					
101-441-926.000	STREET LIGHTING	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	1,166.95	74003
101-441-927.000	REPAIR & MAINT. STREET LI	LOWELL LIGHT & POWER	ACCESS POINT/STREET LIGHT	2,293.16	74002
101-441-930.000	REPAIR & MAINTENANCE	BERNARDS ACE HARDWARE	STATEMENT OF ACCOUNT	84.99	73966
101-441-930.000	REPAIR & MAINTENANCE	SELF SERVE LUMBER	ACCOUNT STATEMENT	12.09	74016
101-441-955.000	MISCELLANEOUS EXPENSE	VISA	ACCOUNT STATEMENT	33.50	74026
Total For Dept 441 DEPART				5,786.30	
Dept 747 CHAMBER/RIVERWALK					
101-747-920.000	CHAMBER UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	207.31	74003
101-747-920.000	CHAMBER UTILITIES	CONSUMERS ENERGY	ACCOUNT STATEMENTS	91.34	73972
Total For Dept 747 CHAMBE				298.65	
Dept 751 PARKS					
101-751-740.000	OPERATING SUPPLIES	BERNARDS ACE HARDWARE	STATEMENT OF ACCOUNT	82.66	73966
101-751-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	639.80	74003
Total For Dept 751 PARKS				722.46	
Dept 757 SHOWBOAT					
101-757-920.000	SHOWBOAT UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	57.14	74003
Total For Dept 757 SHOWBO				57.14	
Dept 790 LIBRARY					
101-790-740.000	OPERATING SUPPLIES	SMART BUSINESS SOURCE	OFFICE SUPPLIES	46.30	74017
101-790-802.000	CONTRACTUAL	MODEL COVERALL SERVICE, I	LIBRARY RUGS	319.90	74005
101-790-802.000	CONTRACTUAL	STATE OF MICHIGAN	LIBRARY BOILER CERTIFICAT	130.00	74019
101-790-802.000	CONTRACTUAL	STEALTH PEST MANAGEMENT L	PEST CONTROL	40.00	74021
101-790-802.000	CONTRACTUAL	RUESINK, KATHIE	CLEANING SERVICES 2/2 - 2	180.00	74014
101-790-850.000	COMMUNICATIONS	LOWELL LIGHT & POWER	ACCESS POINT/STREET LIGHT	128.02	74002
101-790-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	1,372.32	74003
101-790-920.000	PUBLIC UTILITIES	CONSUMERS ENERGY	ACCOUNT STATEMENTS	795.88	73972
101-790-930.000	REPAIR & MAINTENANCE	FLAT RIVER ELECTRIC LLC	LIBRARY R & M	486.00	73982
Total For Dept 790 LIBRAR				3,498.42	
Dept 804 MUSEUM					
101-804-887.000	CONTRIBUTIONS & MAINTENAN	CANFIELD PLUMBING & HEATI	MUSEUM R & M	198.00	73969
101-804-887.000	CONTRIBUTIONS & MAINTENAN	FIRE PROS INC.	SPRINKLER SYSTEM INSPECTI	162.50	73981
101-804-887.000	CONTRIBUTIONS & MAINTENAN	STEALTH PEST MANAGEMENT L	PEST CONTROL	40.00	74021
101-804-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	239.85	74003
101-804-920.000	PUBLIC UTILITIES	CONSUMERS ENERGY	ACCOUNT STATEMENTS	515.71	73972
101-804-955.000	PROPERTY TAX DISTRIBUTION	LOWELL AREA HISTORICAL MU	TAX DISBURSEMENT	60.78	73998
Total For Dept 804 MUSEUM				1,216.84	
Total For Fund 101 GENERA				64,476.29	
Fund 202 MAJOR STREET FUND					
Dept 450 CAPITAL OUTLAY					
202-450-970.000	CAPITAL OUTLAY	WILLIAMS & WORKS INC.	HOWARD, SUFFOLK, ELIZ, RI	3,293.92	74028
Total For Dept 450 CAPITA				3,293.92	
Dept 463 MAINTENANCE					
202-463-740.000	OPERATING SUPPLIES	BERNARDS ACE HARDWARE	STATEMENT OF ACCOUNT	82.66	73966
Total For Dept 463 MAINTEN				82.66	
Dept 474 TRAFFIC					
202-474-802.000	CONTRACTUAL	KENT COUNTY ROAD COMMISSI	TRAFFIC LIGHT AUG & SEPT	90.86	73989
Total For Dept 474 TRAFFI				90.86	
Dept 478 WINTER MAINTENANCE					
202-478-740.000	OPERATING SUPPLIES	SUPERIOR ASPHALT, INC.	STREET SUPPLIES	493.50	74023
202-478-740.000	OPERATING SUPPLIES	SUPERIOR ASPHALT, INC.	STREET SUPPLIES	479.50	74023
202-478-740.000	OPERATING SUPPLIES	COMPASS MINERALS	BULK HIGHWAY SALT	2,194.85	73971
Total For Dept 478 WINTER				3,167.85	

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Fund 202 MAJOR STREET FUND					
		Total For Fund 202 MAJOR		6,635.29	
Fund 203 LOCAL STREET FUND					
Dept 450 CAPITAL OUTLAY					
203-450-970.000	CAPITAL OUTLAY	WILLIAMS & WORKS INC.	HOWARD, SUFFOLK, ELIZ, RI	1,696.88	74028
		Total For Dept 450 CAPITA		1,696.88	
Dept 463 MAINTENANCE					
203-463-740.000	OPERATING SUPPLIES	BERNARDS ACE HARDWARE	STATEMENT OF ACCOUNT	82.67	73966
		Total For Dept 463 MAINT		82.67	
Dept 474 TRAFFIC					
203-474-740.000	OPERATING SUPPLIES	TRACTOR SUPPLY CREDIT PLA	ACCOUNT STATEMENT	104.61	74024
		Total For Dept 474 TRAFFI		104.61	
Dept 478 WINTER MAINTENANCE					
203-478-740.000	OPERATING SUPPLIES	SUPERIOR ASPHALT, INC.	STREET SUPPLIES	493.50	74023
203-478-740.000	OPERATING SUPPLIES	NAPA AUTO PARTS	ACCOUNT STATEMENT	8.82	74008
203-478-740.000	OPERATING SUPPLIES	SUPERIOR ASPHALT, INC.	STREET SUPPLIES	479.50	74023
203-478-740.000	OPERATING SUPPLIES	COMPASS MINERALS	BULK HIGHWAY SALT	2,194.86	73971
		Total For Dept 478 WINTER		3,176.68	
		Total For Fund 203 LOCAL		5,060.84	
Fund 248 DOWNTOWN DEVELOPMENT AUTHORITY					
Dept 463 MAINTENANCE					
248-463-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ACCESS POINT/STREET LIGHT	1,634.90	74002
248-463-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	843.41	74003
		Total For Dept 463 MAINT		2,478.31	
Dept 740 COMMUNITY PROMOTIONS					
248-740-880.000	COMMUNITY PROMOTION	PETTY CASH	PETTY CASH 2/4/2020	1.99	73964
248-740-880.000	COMMUNITY PROMOTION	VISA	ACCOUNT STATEMENT	51.52	74026
		Total For Dept 740 COMMUN		53.51	
		Total For Fund 248 DOWNT		2,531.82	
Fund 249 BUILDING INSPECTION FUND					
Dept 371 BUILDING INSPECTION DEPARTMENT					
249-371-802.000	CONTRACTUAL	PROFESSIONAL CODE INSPECT	CODE INSPECTIONS JANUARY	1,494.90	74010
		Total For Dept 371 BUILDI		1,494.90	
		Total For Fund 249 BUILDI		1,494.90	
Fund 260 DESIGNATED CONTRIBUTIONS					
Dept 751 PARKS					
260-751-801.000	PROFESSIONAL SERVICES	DICKINSON WRIGHT PLLC	LEGAL SERVCIES - SHOWBOAT	703.00	73977
260-751-801.000	PROFESSIONAL SERVICES	HEARTHSTONE DESIGN STUDIO	NOV - DEC 2019 SHOWBOAT C	1,156.25	73985
260-751-970.000	CAPITAL OUTLAY	MORAN IRON WORKS, INC	SHOWBOAT LABOR	10,593.90	74006
260-751-970.000	CAPITAL OUTLAY	MORAN IRON WORKS, INC	SHOWBOAT MATERIALS	55,320.16	74006
260-751-970.000	CAPITAL OUTLAY	MORAN IRON WORKS, INC	MORAN MATERIALS	217.19	74006
		Total For Dept 751 PARKS		67,990.50	
Dept 758 DOG PARK					
260-758-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	65.72	74003
		Total For Dept 758 DOG PA		65.72	
		Total For Fund 260 DESIGN		68,056.22	
Fund 581 AIRPORT FUND					
Dept 000					
581-000-802.000	CONTRACTUAL	SCENIC EXPRESSIONS LLC	SNOW PLOWING AT AIRPORT J	1,100.00	74015
581-000-920.000	PUBLIC UTILITIES	CONSUMERS ENERGY	AIRPORT STREET LIGHT	26.59	73972
581-000-930.000	REPAIR & MAINTENANCE	TRACTOR SUPPLY CREDIT PLA	ACCOUNT STATEMENT	151.98	74024
		Total For Dept 000		1,278.57	
		Total For Fund 581 AIRPOR		1,278.57	
Fund 590 WASTEWATER FUND					

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INVOICE GL DISTRIBUTION REPORT FOR CITY OF LOWELL
EXP CHECK RUN DATES 02/01/2020 - 02/14/2020
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GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 590 WASTEWATER FUND					
Dept 000					
590-000-043.000	DUE FROM EARTH TECH	LOWELL LIGHT & POWER	ACCESS POINT/STREET LIGHT	155.23	74002
590-000-043.000	DUE FROM EARTH TECH	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	5,954.31	74003
590-000-043.000	DUE FROM EARTH TECH	LOWELL LIGHT & POWER	IP CONSULTING & ADDORIO C	748.74	74004
Total For Dept 000				6,858.28	
Dept 550 TREATMENT					
590-550-802.000	CONTRACTUAL	SUEZ WATER ENVIRONMENTAL	WWPT SERVICES JAN 2020	38,490.00	74022
Total For Dept 550 TREATM				38,490.00	
Dept 551 COLLECTION					
590-551-850.000	COMMUNICATIONS	MRWA	2020 ANNUAL CONFERENCE	190.00	74007
590-551-864.000	CONFERENCES & CONVENTIONS	VISA	ACCOUNT STATEMENT	406.98	74026
Total For Dept 551 COLLEC				596.98	
Dept 552 CUSTOMER ACCOUNTS					
590-552-740.000	OPERATING SUPPLIES	SMART BUSINESS SOURCE	OFFICE SUPPLIES	54.62	74017
Total For Dept 552 CUSTOM				54.62	
Total For Fund 590 WASTE				45,999.88	
Fund 591 WATER FUND					
Dept 000					
591-000-632.000	METERED SALES-TOWNSHIP	LOWELL CHARTER TOWNSHIP	OVERPAYMENT FOR WATER	5,103.37	74000
Total For Dept 000				5,103.37	
Dept 570 TREATMENT					
591-570-740.000	OPERATING SUPPLIES	BERNARDS ACE HARDWARE	STATEMENT OF ACCOUNT	41.96	73966
591-570-850.000	COMMUNICATIONS	LOWELL LIGHT & POWER	ACCESS POINT/STREET LIGHT	91.22	74002
591-570-850.000	COMMUNICATIONS	LOWELL LIGHT & POWER	IP CONSULTING & ADDORIO C	748.74	74004
591-570-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	5,646.80	74003
591-570-920.000	PUBLIC UTILITIES	CONSUMERS ENERGY	ACCOUNT STATEMENTS	414.64	73972
Total For Dept 570 TREATM				6,943.36	
Dept 571 DISTRIBUTION					
591-571-864.000	CONFERENCES & CONVENTIONS	VISA	ACCOUNT STATEMENT	406.98	74026
591-571-864.000	CONFERENCES & CONVENTIONS	MRWA	2020 ANNUAL CONFERENCE	190.00	74007
591-571-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	1,088.17	74003
591-571-920.000	PUBLIC UTILITIES	CONSUMERS ENERGY	ACCOUNT STATEMENTS	158.60	73972
591-571-930.000	REPAIR & MAINTENANCE	BERNARDS ACE HARDWARE	STATEMENT OF ACCOUNT	47.50	73966
591-571-930.000	REPAIR & MAINTENANCE	SELF SERVE LUMBER	ACCOUNT STATEMENT	15.00	74016
591-571-930.000	REPAIR & MAINTENANCE	EJ USA, INC.	WATER DEPT R & M	268.75	73978
Total For Dept 571 DISTRI				2,175.00	
Dept 572 CUSTOMER ACCOUNTS					
591-572-740.000	OPERATING SUPPLIES	SMART BUSINESS SOURCE	OFFICE SUPPLIES	54.63	74017
Total For Dept 572 CUSTOM				54.63	
Total For Fund 591 WATER				14,276.36	
Fund 636 DATA PROCESSING FUND					
Dept 000					
636-000-802.000	CONTRACTUAL	BS&A SOFTWARE	ASSESSING SYSTEM SUPPORT	890.00	73968
636-000-986.000	COMPUTER DATA PROCESSING	DATAWORKS PLUS LLC	LPD WINDOWS 10 UPDATE	1,784.00	73974
Total For Dept 000				2,674.00	
Total For Fund 636 DATA P				2,674.00	
Fund 661 EQUIPMENT FUND					
Dept 895 FLEET MAINT. & REPLACEMENT					
661-895-741.000	FUEL	NAPA AUTO PARTS	ACCOUNT STATEMENT	47.96	74008
661-895-930.000	REPAIR & MAINTENANCE	BETTEN BAKER	#11 DUMP TRUCK R & M	294.03	73967
661-895-930.000	REPAIR & MAINTENANCE	D&D TRUCKING ACQUISITION,	#16 PLOW TRUCK R & M	523.69	73973
661-895-930.000	REPAIR & MAINTENANCE	D&D TRUCKING ACQUISITION,	#16 PLOW TRUCK R & M	203.26	73973
661-895-930.000	REPAIR & MAINTENANCE	NAPA AUTO PARTS	ACCOUNT STATEMENT	332.06	74008
661-895-930.000	REPAIR & MAINTENANCE	BETTEN BAKER	CHEVY 2009 #14 R & M	561.13	73967

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GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 661 EQUIPMENT FUND					
Dept 895 FLEET MAINT. & REPLACEMENT					
661-895-930.000	REPAIR & MAINTENANCE	BETTEN BAKER	2016 FORD LPD #837 R & M	53.41	73967
661-895-930.000	REPAIR & MAINTENANCE	D&D TRUCKING ACQUISITION, #31	LOADER R & M	1,192.21	73973
661-895-930.000	REPAIR & MAINTENANCE	HAROLD ZEIGLER FORD, INC.	LPD #836 R & M	128.94	73984
661-895-930.000	REPAIR & MAINTENANCE	ROB'S AUTOMOTIVE & SERVIC	TOWING SERVICE	75.00	74012
661-895-981.000	EQUIPMENT	WOLF KUBOTA	NEW #55 EXMARK MOWER	9,119.00	74030
Total For Dept 895 FLEET				12,530.69	
Total For Fund 661 EQUIPM				12,530.69	
Fund 703 CURRENT TAX COLLECTION FUND					
Dept 000					
703-000-222.000	DUE TO COUNTY-CURRENT TAX	KENT COUNTY TREASURER	TAX DISBURSEMENT	15,556.84	73990
703-000-223.000	DUE TO LIBRARY	KENT DISTRICT LIBRARY	TAX DISBURSEMENT	9,621.43	73992
703-000-225.000	DUE TO SCHOOLS	LOWELL AREA SCHOOLS	TAX DISBURSEMENT	73,922.41	73999
703-000-228.009	DUE TO STATE-S.E.T.	KENT COUNTY TREASURER	TAX DISBURSEMENT	1,505.68	73990
703-000-234.000	DUE TO INTERMED SCH DISTR	KENT INTERMEDIATE SCHOOL	TAX DISBURSEMENT	1,408.12	73993
703-000-235.000	DUE TO COMMUNITY COLLEGE	GRAND RAPIDS COMMUNITY CO	TAX DISBURSEMENT	441.81	73983
Total For Dept 000				102,456.29	
Total For Fund 703 CURREN				102,456.29	

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INVOICE GL DISTRIBUTION REPORT FOR CITY OF LOWELL
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BOTH OPEN AND PAID

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GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
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Fund Totals:

Fund 101	GENERAL FUND	64,476.29
Fund 202	MAJOR STREET FUN	6,635.29
Fund 203	LOCAL STREET FUN	5,060.84
Fund 248	DOWNTOWN DEVELOP	2,531.82
Fund 249	BUILDING INSPECT	1,494.90
Fund 260	DESIGNATED CONTR	68,056.22
Fund 581	AIRPORT FUND	1,278.57
Fund 590	WASTEWATER FUND	45,999.88
Fund 591	WATER FUND	14,276.36
Fund 636	DATA PROCESSING	2,674.00
Fund 661	EQUIPMENT FUND	12,530.69
Fund 703	CURRENT TAX COLL	102,456.29

327,471.15



**LOWELL CITY COUNCIL
MEMORANDUM**

DATE: February 14, 2020

TO: Mayor DeVore and the City Council

FROM: Michael T. Burns, City Manager MB

RE: Ware Road Update

Representatives from BLDI, will provide an update to you regarding the well monitoring conducted this fall at the Ware Road site. I have attached the first 22 of the 202 page report to your packet. The entire report will be posted to the City website after the presentation.

No council action required at this time.

Site Status Report

Former City of Lowell Landfill

0 Ware Road

Boston Township, Ionia County, Michigan

Presented to:

EGLE Remediation and Redevelopment Division
Grand Rapids District Office
Grand Rapids, Michigan

On Behalf of:

City of Lowell
301 East Main Street
Lowell, Michigan 49331

February 2020

BLDI Project No.: 194688.21

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2.0	Activities Completed.....	2
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FIGURES

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Figure 2	Site Layout Map
Figure 3	Soil Analytical Results
Figure 4	Groundwater Analytical Results
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Figure 7	Cross Section A-A'

TABLES

Table 1	Maximum Detected Concentration for Soil Samples
Table 2	Maximum Detected Concentration for Groundwater Samples
Table 3	Summary of Analytical Results for Soil Samples
Table 4	Summary of Analytical Results for Groundwater Samples
Table 5	Groundwater Elevation Data

APPENDICES

Appendix A	Laboratory Analytical Reports
Appendix B	Soil Boring Logs

1.0 INTRODUCTION AND BACKGROUND

The former City of Lowell Landfill is located at 0 Ware Road in Boston Township, Ionia County, Michigan (Facility). The Facility is an inactive landfill for which the exact period of operation is not accurately known. However, the earliest license available from EGLE records indicates an application approved on June 13, 1966.

The landfill was officially closed on January 20, 1983. During its operation the landfill was cited by Ionia County Health Department (ICHHD) for select regulatory noncompliance issues (e.g., numerous facility management and maintenance violations recorded). In early 1986, it was determined by the ICHHD and the Michigan Department of Natural Resources (MDNR) that the Lowell City Landfill could be eligible for a hydrogeological study to be funded under the Clean Michigan Fund. The investigation that was conducted is described in the 1987 Hydrogeological Investigation report prepared by EIS Environmental Engineers, Inc. (EIS).

This report documents the activities that were conducted at the Facility by BLDI, Inc. (BLDI) since the submittal of the July 2019 Workplan. BLDI has performed the following activities since the submittal of the workplan: Facility:

- Installation of nine monitoring wells including documenting soil conditions
- Groundwater elevation survey
- Groundwater sampling event

The following sections of this report detail the methodology and outcome of the activities performed during this reporting period.

2.0 ACTIVITIES COMPLETED

2.1 Monitoring Well Installation Event

In October 2019, BLDI installed nine soil borings, all of which were completed as monitoring wells at the Facility.. All of the monitoring wells were installed using hollow-stem auger methods and were advanced to a maximum depth of 90.5 feet below the ground surface (bgs).

Soils in the vadose zone consist of primarily sand with intermittent intervals of loamy sand, sandy loam, silty loam, clay, and silty clay loam. A cross-section depicting the soils encountered during the event is presented as Figure 7. Vadose soils became saturated at depths between 39 and 78.5 feet bgs within the borings. The soil boring logs are presented in Appendix B. Locations of the soil borings and monitoring wells are depicted on Figure 1 (Facility Layout Map).

Soils were field screened throughout the borings using a MiniRAE model 3000, 10.6 eV PID and through visual and olfactory indicators to identify any contaminated intervals. At a minimum, a soil sample from each boring was collected from the depth interval exhibiting the greatest

evidence of contamination, regardless of the degree of saturation. Additional soil samples were collected from each of the monitoring well clusters to characterize the soil conditions at the Facility.

The soil samples were collected and preserved in accordance with United States Environmental Protection Agency (US EPA) Method 5035, placed in an iced cooler, and submitted to Fibertec for laboratory analysis of volatile organic compounds (VOCs). A summary of the soil analytical results are presented on Table 3 with the maximum detected concentrations compared to their respective Part 201 Generic Residential Residential Cleanup Criteria (GRCC) on Table 1. The detected compounds are also presented by location on Figure 2. The laboratory reports from the soil sample analysis are presented in Appendix A. The analytical results are discussed in Section 3.2 below.

2.2 Groundwater Monitoring Activities

2.2.1 *Depth to Groundwater Survey and Groundwater Flow Direction*

A complete static water elevation survey was conducted on January 8, 2020. Each monitoring well was accessed and allowed to equilibrate prior to measuring the static water table elevation. The depth to groundwater for each well was then measured using an electronic tape and recorded. The results of the elevation survey are presented on Table 5.

From the field data collected, the water table elevation for each monitoring well was determined and groundwater elevation contours prepared. Figures 5A and 5B illustrate the resulting groundwater flow contour maps developed from the January 2020 field data. Overall, the groundwater flow direction documented at the Facility indicates that the predominant groundwater flow direction is to the north/northeast within the shallow and deep wells.

2.2.2 *Groundwater Sampling*

In November and December 2019, BLDI conducted groundwater monitoring investigations utilizing sampling methods in accordance with both the Michigan Department of Environment, Great Lakes, and Energy (EGLE) and United States Environmental Protection Agency (USEPA) guidance. For the nine monitoring wells installed since the submittal of the July 2019 Workplan, groundwater samples representative of formation water were collected using low flow groundwater sampling techniques. The low flow method employed a submersible pump operated at approximately 0.5 liters per minute and demonstrated to be at a pumping rate that would not produce draw down of the water elevation in the well.

Groundwater temperature, conductivity, pH, oxidation/reduction potential, dissolved oxygen content, and turbidity were all monitored and allowed to equilibrate prior to groundwater sample collection. Groundwater samples were collected from MW-1S, MW-2S, MW-2D, MW-3S, MW-4, MW-5S, MW-5D, MW-6S, and MW-6D in accordance with low flow sampling methods, as specified in Attachment 5 of the former EGLE Remediation and Redevelopment

Division (RRD) Operational Memorandum No. 2, dated October 22, 2004 (RRD-OpMemo-02), now rescinded.

The groundwater sample was collected and submitted to Fibertec Environmental Services (Fibertec), Holt, Michigan under a chain of custody for analysis of volatile organic compounds in accordance with USEPA method 8260 standard. The laboratory analytical report from the groundwater sample analysis is presented in Appendix A. The analytical results are also summarized in Table 1 and are presented by location on Figure 4. Please refer to Section 3.1 for a discussion of the analytical results.

3.0 ANALYTICAL RESULTS

3.1 Groundwater Analytical Results

Laboratory analytical reports from the groundwater sample analyses are presented in Appendix A. The analytical results are also summarized in Table 4 and are presented by location on Figure 4. As the data indicates, one target analyte, tetrachloroethene (PERC), was detected in MW-2D, MW-4, MW-5D, and MW-6S during the November and December 2019 events at concentrations exceeding its applicable GRCC. No target analytes were detected in MW-1S, MW-2S, MW-3S, MW-5S or MW-6D at concentrations exceeding their applicable GRCC.

Based on a review of the groundwater sampling results, it appears that PERC is present in the groundwater throughout the Facility and that neither the vertical nor the horizontal extent of groundwater impact has been defined. However, as most of the groundwater monitoring wells on the Facility were recently installed and these are the initial sampling results, these detections of PERC will serve as a baseline for future monitoring and investigation.

3.2 Soil Analytical Results

Laboratory analytical reports from the soil sample analyses are presented in Appendix A. The analytical results are also summarized in Table 3 and are presented by location on Figure 3. Soil samples were collected throughout the borings to characterize the soil at the Facility in October and November 2019. As the data indicates, target analytes were detected in the soil samples collected from MW-3S and MW-6D. Methylene chloride was detected above GRCC in one soil sample collected from MW-3S at a depth interval of 55.0 to 55.5 feet bgs. No other target analytes were detected in at any of the other depth intervals from which soil samples were collected from MW-3S. PERC was detected above GRCC in soil samples collected from MW-6D at multiple depth intervals ranging between 9 and 59 feet bgs. Two deeper samples at the MW-6D location indicate that PERC was not detected below the 59 foot interval. No target analytes were detected at any of the other monitoring well locations at any of the soil sampling depth intervals.

4.0 PROPOSED FUTURE ACTIONS

As stated in Section 3.1 the analytical results are representative of groundwater monitoring wells that were recently installed these detections of PERC will serve as a baseline for future monitoring and investigation. Based on this information, further characterization of the groundwater is necessary to determine future investigation. Therefore, at this time it is recommended that an additional groundwater monitoring event is conducted in the Spring of 2020 to determine if there is seasonal fluctuation in the groundwater flow and/or the concentrations of the detected compounds.

5.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

***Prepared By: Annika Whitcomb
Environmental Scientist***

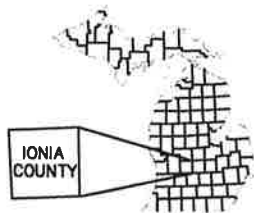
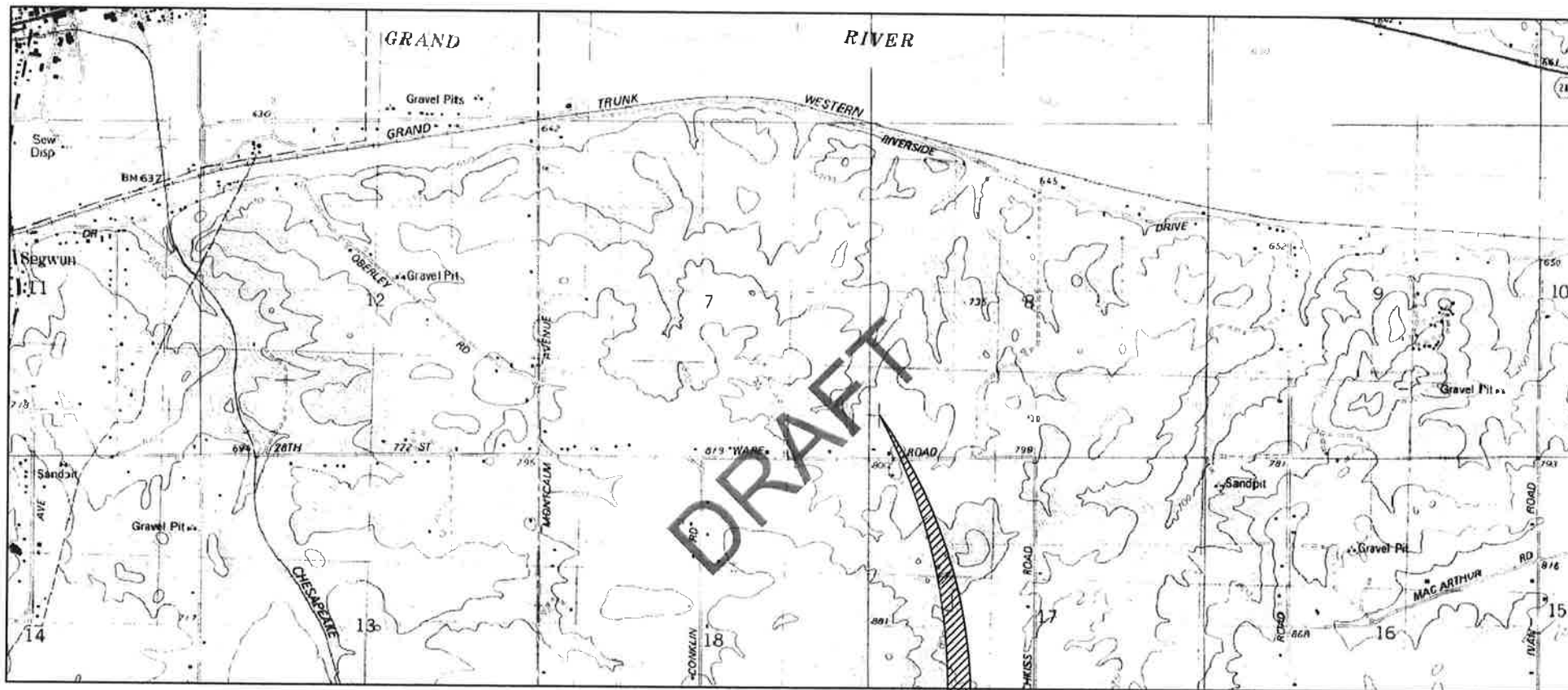
***Reviewed By: Renée Pewitt, EP
Vice President***

***Reviewed By: Joseph Berlin, PE
President***

DRAFT

DRAFT

BLDI



Property

FIGURE 1
PROPERTY LOCATION MAP
City of Lowell Landfill
0 Ware Road
Boston Township, Michigan

July 2019

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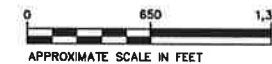


LEGEND

- MONITORING WELL LOCATION*
- PROPERTY BOUNDARIES

*Due to the scale required to present all Site features, the representations of monitoring wells do not illustrate the actual size of monitoring wells.

NOT A LEGAL SURVEY



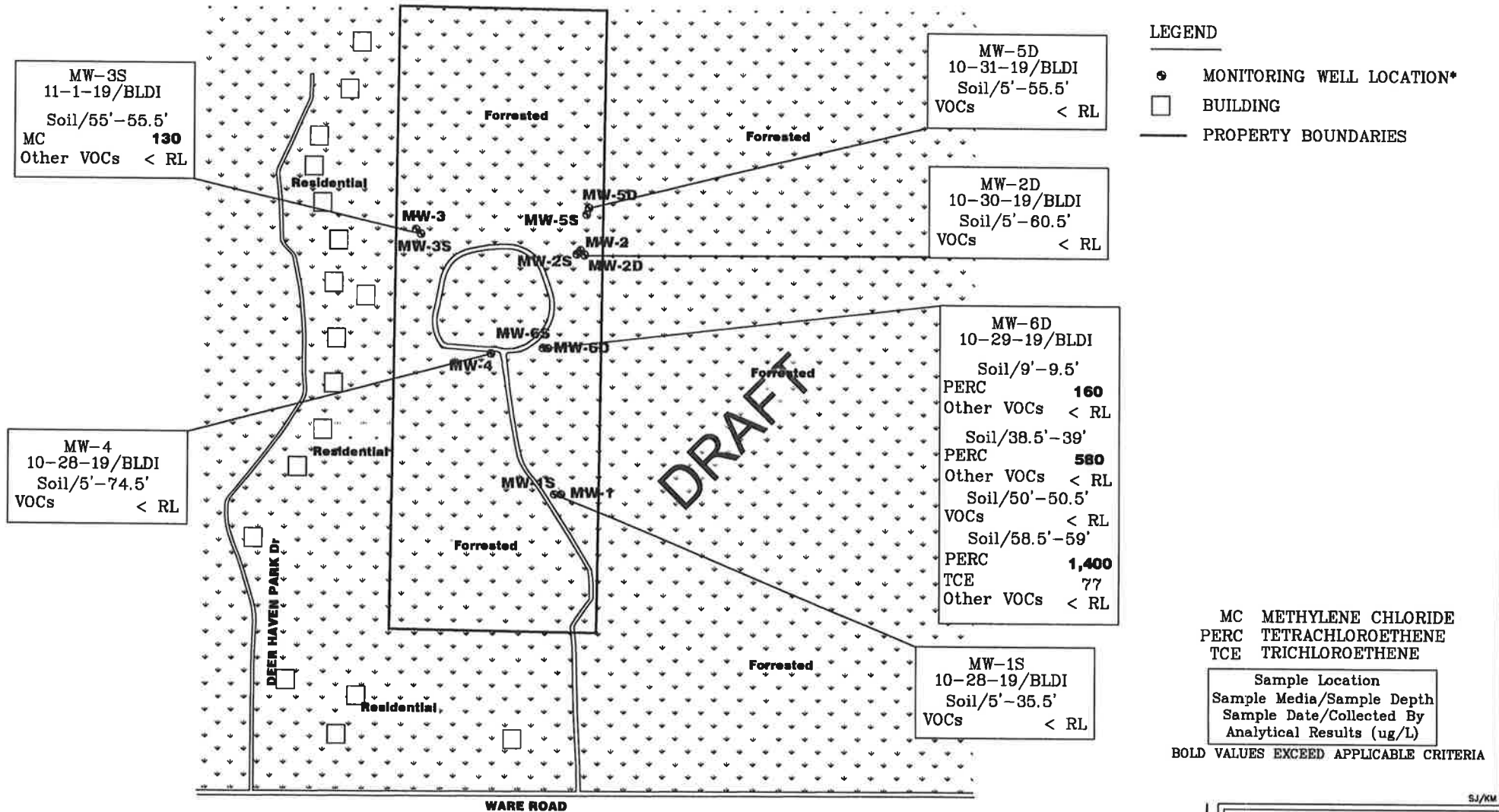
**FIGURE 2
SITE LAYOUT MAP**

Former City of Lowell Landfill
0 Ware Road
Boston Township, Michigan

January 2020

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CR/KM



*Due to the scale required to present all Site features, the representations of monitoring wells do not illustrate the actual size of monitoring wells.

NOT A LEGAL SURVEY

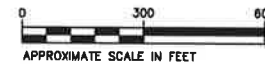


FIGURE 3
SOIL ANALYTICAL RESULTS
Former City of Lowell Landfill
0 Ware Road
Boston Township, Michigan
January 2020 194888.20

MW-3
Groundwater/64.23'-67.23'
12-4-1986/DNR (EIS-1986)
PERC **10**
Other VOCs < RL
6-14-2019/BLDI
VOCs < RL

MW-3S
Groundwater/55'-60'
11-26-2019/BLDI
VOCs < RL

MW-4
Groundwater/73'-78'
11-26-2019/BLDI
PERC **13**
Other VOCs < RL

MW-6S
Groundwater/76.5'-81.5'
11-27-2019/BLDI
TCM 3.1
PERC **10**
1,1,1 4.7
Other VOCs < RL

MW-6D
Groundwater/86.5'-91.5'
11-27-2019/BLDI
PERC 2.1
Other VOCs < RL

MW-1S
Groundwater/37'-42'
11-26-2019/BLDI
PERC 1.1
Other VOCs < RL

MW-5D
Groundwater/67'-72'
11-26-2019/BLDI
TCM 2.1
PERC **9.0**
Other VOCs < RL

MW-5S
Groundwater/57'-62'
11-26-2019/BLDI
VOCs < RL

MW-2D
Groundwater/72.5'-77.5'
12-17-2019/BLDI
TCM 2.7
PERC **12**
Other VOCs < RL

MW-2S
Groundwater/62.5'-67.5'
12-17-2019/BLDI
VOCs < RL

MW-1
Groundwater/62.33'-65.33'
12-4-1986/DNR (EIS-1986)
PERC **10**
TCFM 5.0
Other VOCs < RL
6-14-2019/BLDI
PERC **8.4**
Other VOCs < RL

LEGEND

- MONITORING WELL LOCATION*
- BUILDING
- PROPERTY BOUNDARIES

CF	CHLOROFORM
TCM	CARBON TETRACHLORIDE
1,2	1,2-DICHLOROETHANE
cis-1,2	cis-1,2-DICHLOROETHYLENE
PERC	TETRACHLOROETHENE
1,1,1	1,1,1-TRICHLOROETHANE
TCE	TRICHLOROETHYLENE
TCFM	TRICHLOROFLUOROMETHANE
DBCM	DIBROMOCHLOROMETHANE
VOCs	Volatile Organic Compounds

Sample Location
Sample Media/Sample Depth
Sample Date/Collected By
Analytical Results (ug/L)

BOLD VALUES EXCEED APPLICABLE CRITERIA

CR/KM

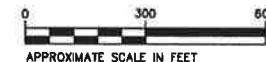
FIGURE 4
GROUNDWATER ANALYTICAL RESULTS
Former City of Lowell Landfill
0 Ware Road
Boston Township, Michigan

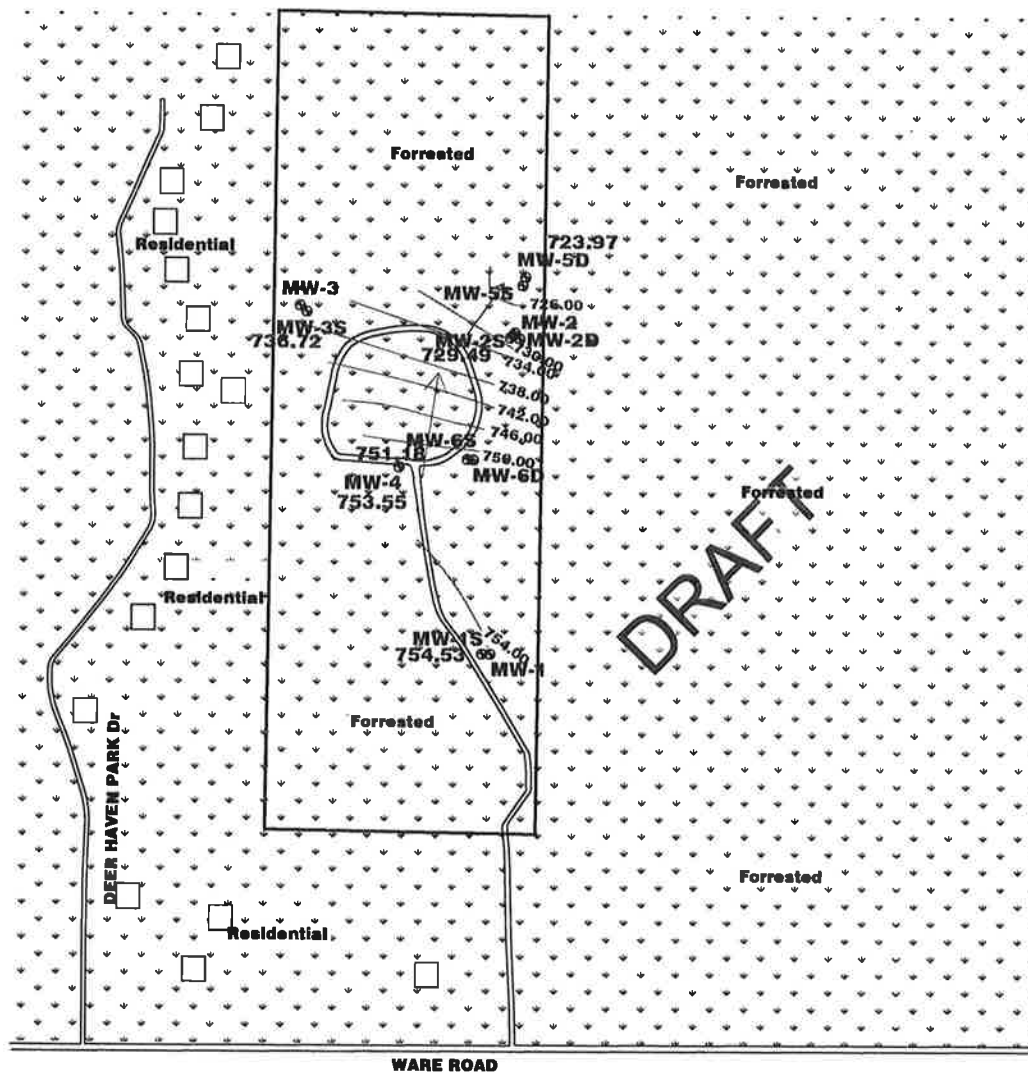
January 2020

194688.20

*Due to the scale required to present all Site features, the representations of monitoring wells do not illustrate the actual size of monitoring wells.

NOT A LEGAL SURVEY





LEGEND

- MONITORING WELL LOCATION*
- BUILDING
- PROPERTY BOUNDARIES

*Due to the scale required to present all Site features, the representations of monitoring wells do not illustrate the actual size of monitoring wells.

NOT A LEGAL SURVEY

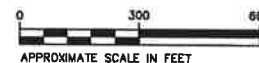
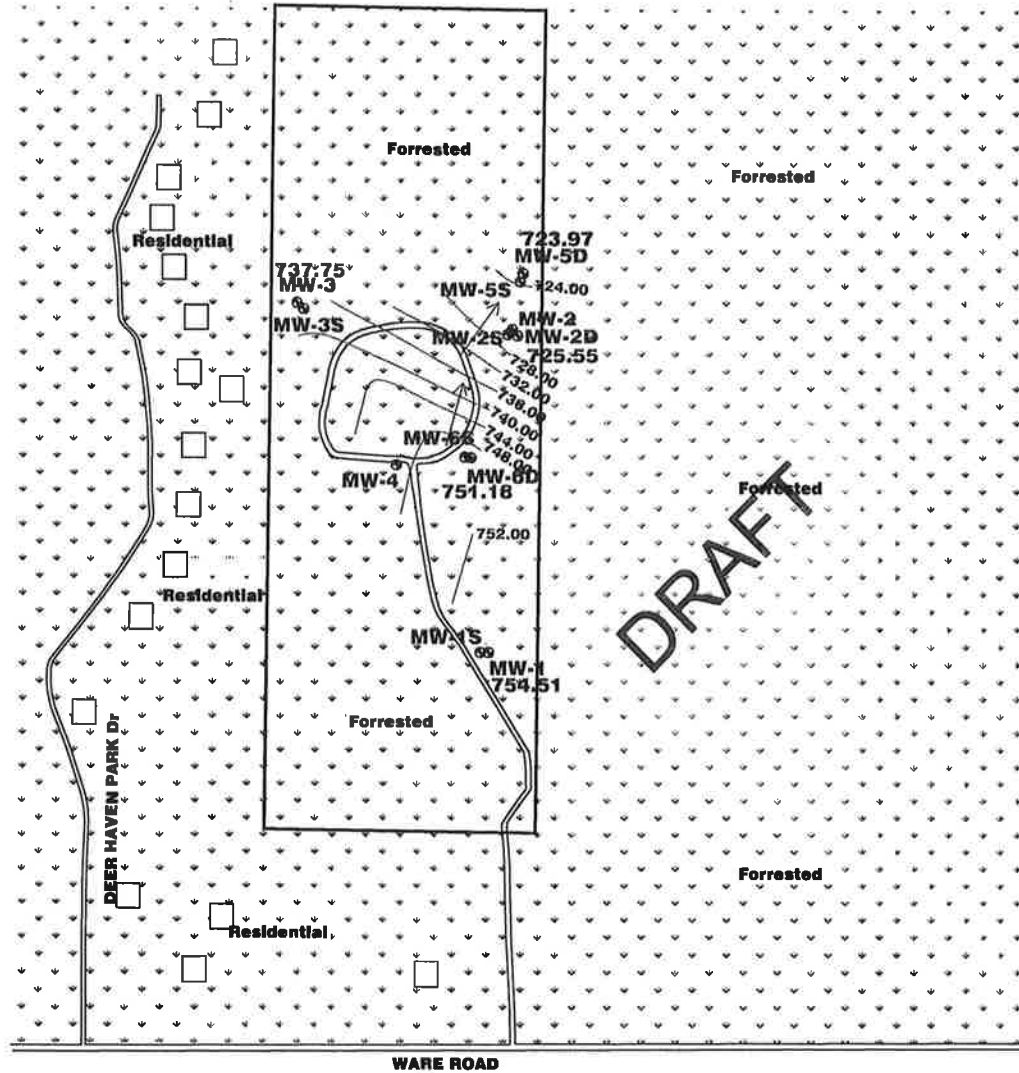


FIGURE 5A
GROUNDWATER ELEVATIONS AND
FLOW CONTOURS - SHALLOW WELLS
JANUARY 2020
Former City of Lowell Landfill
0 Ware Road
Boston Township, Michigan
January 2020 194688.20

CR/KM



LEGEND

- MONITORING WELL LOCATION*
- BUILDING
- PROPERTY BOUNDARIES

*Due to the scale required to present all Site features, the representations of monitoring wells do not illustrate the actual size of monitoring wells.

NOT A LEGAL SURVEY

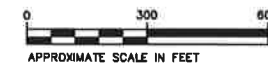
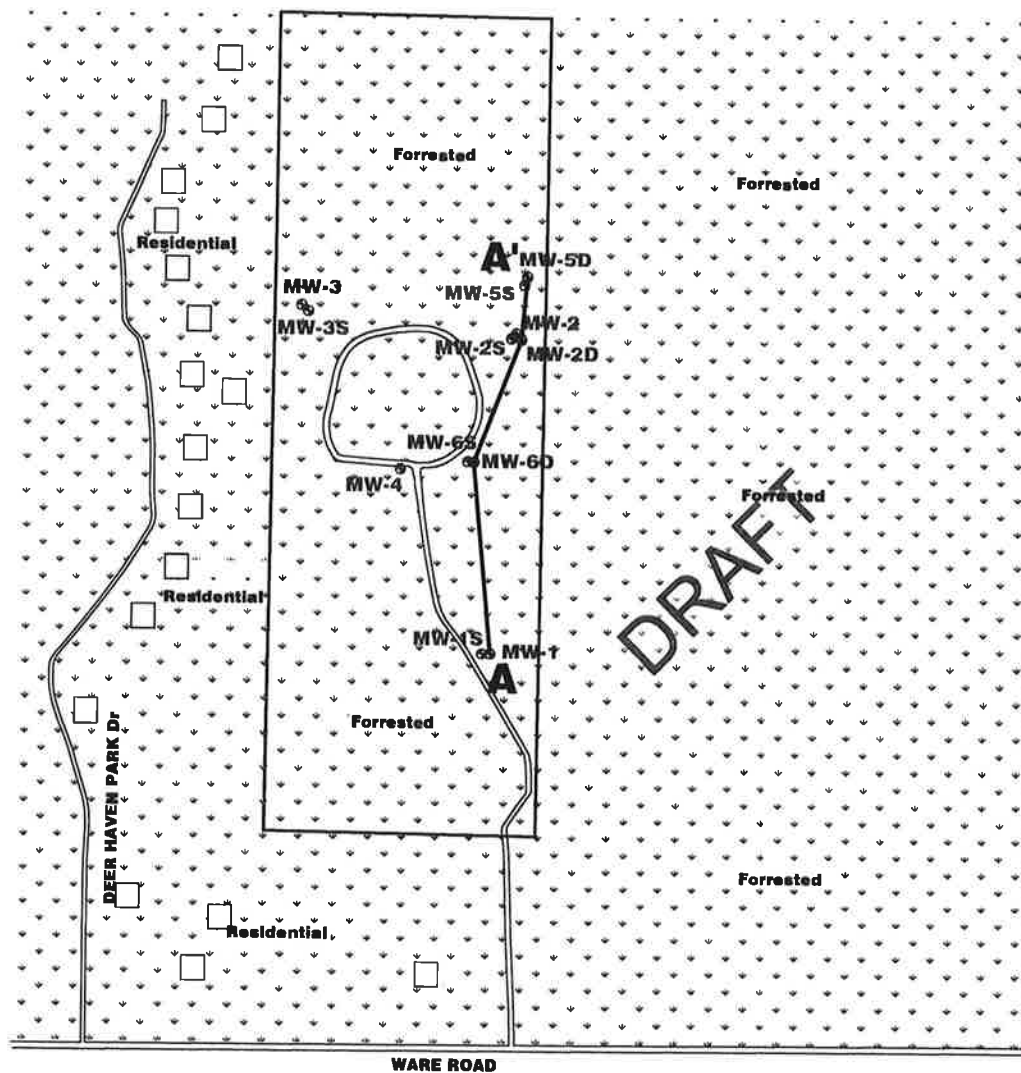


FIGURE 5B
GROUNDWATER ELEVATIONS AND
FLOW CONTOURS - DEEP WELLS
JANUARY 2020
Former City of Lowell Landfill
0 Ware Road
Boston Township, Michigan
January 2020 194688.20



LEGEND

- MONITORING WELL LOCATION*
- BUILDING
- PROPERTY BOUNDARIES

*Due to the scale required to present all Site features, the representations of monitoring wells do not illustrate the actual size of monitoring wells.

NOT A LEGAL SURVEY

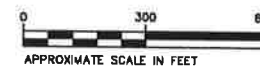
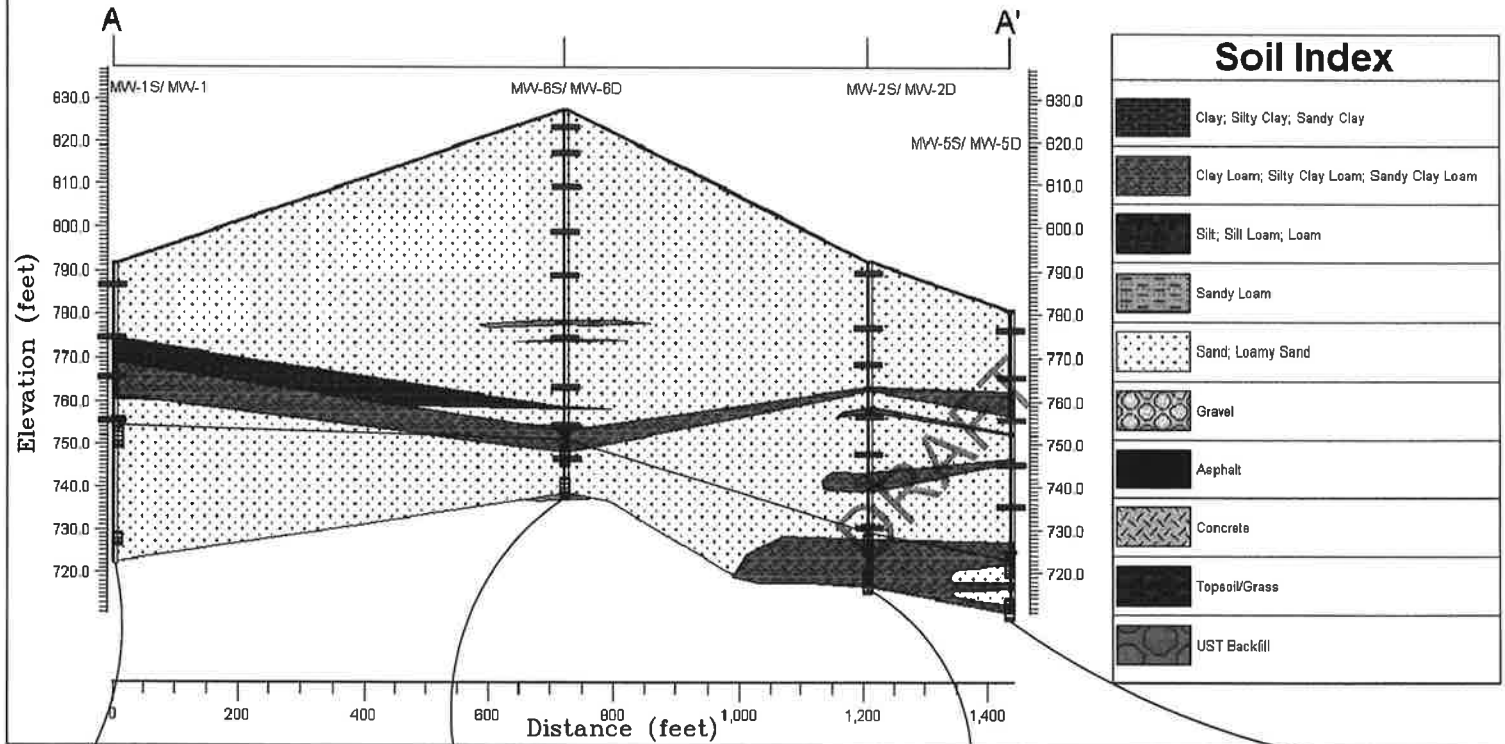


FIGURE 6
CROSS SECTION TRACE MAP
Former City of Lowell Landfill
0 Ware Road
Boston Township, Michigan
January 2020 194688.20

CR/KM

Cross-Section A-A'



LEGEND

SOIL SAMPLE INTERVAL

WATER TABLE

SCREENED INTERVAL

CF CHLOROFORM
TCM CARBON TETRACHLORIDE
1,2 1,2-DICHLOROETHANE
cis-1,2 cis-1,2-DICHLOROETHYLENE
MC METHYLENE CHLORIDE
PERC TETRACHLOROETHYLENE
1,1,1 1,1,1-TRICHLOROETHANE
TCE TRICHLOROETHYLENE
TCFM TRICHLOROFLUOROMETHANE
DBCM DIBROMOCHLOROMETHANE
VOCs Volatile Organic Compounds

Sample Location
Sample Media/Sample Depth
Sample Date/Collected By
Analytical Results (ug/L)

BOLD VALUES EXCEED APPLICABLE CRITERIA

MW-1S 10-28-19/BLDI Soil/5'-5.5' VOCs < RL Soil/15'-15.5' VOCs < RL Soil/25'-25.5' VOCs < RL Soil/35'-35.5' VOCs < RL	MW-1S Groundwater/37'-42' 11-28-2019/BLDI PERC 1.1 Other VOCs < RL MW-1 Groundwater/82.33'-85.33' 12-4-1986/DNR (EIS-1986) PERC 10 TCFM 5.0 Other VOCs < RL 8-14-2019/BLDI PERC 8.4 Other VOCs < RL	MW-8D 10-29-19/BLDI Soil/5'-5.5' VOCs < RL Soil/9'-9.5' PERC 150 Other VOCs < RL Soil/18.5'-19' VOCs < RL Soil/30'-30.5' VOCs < RL Soil/38.5'-39' PERC 580 Other VOCs < RL	MW-8D 10-29-19/BLDI Soil/50'-50.5' VOCs < RL Soil/58.5'-59' PERC 1,400 TCE 77 Other VOCs < RL Soil/70'-70.5' VOCs < RL Soil/80'-80.5' VOCs < RL	MW-8S Groundwater/76.5'-81.5' 11-27-2019/BLDI TCM 3.1 PERC 18 1,1,1 4.7 Other VOCs < RL MW-8D Groundwater/86.5'-91.5' 11-27-2019/BLDI PERC 2.1 Other VOCs < RL	MW-2D 10-30-19/BLDI Soil/5'-5.5' VOCs < RL Soil/15'-15.5' VOCs < RL Soil/25'-25.5' VOCs < RL Soil/34.5'-35' VOCs < RL Soil/45'-45.5' VOCs < RL Soil/50'-50.5' VOCs < RL Soil/80'-80.5' VOCs < RL	MW-2D Groundwater/72.5'-77.5' 12-17-2019/BLDI TCM 2.7 PERC 12 Other VOCs < RL MW-2S Groundwater/82.5'-87.5' 12-17-2019/BLDI VOCs < RL	MW-5D 10-31-19/BLDI Soil/5'-5.5' VOCs < RL Soil/15'-15.5' VOCs < RL Soil/25'-25.5' VOCs < RL Soil/35'-35.5' VOCs < RL Soil/45'-45.5' VOCs < RL Soil/55'-55.5' VOCs < RL	MW-5D Groundwater/87'-92' 11-28-2019/BLDI TCM 2.1 PERC 8.0 Other VOCs < RL MW-5S Groundwater/87'-92' 11-28-2019/BLDI VOCs < RL
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NOT A LEGAL SURVEY

FIGURE 7
CROSS SECTION A-A'
City of Lowell Landfill
0 Ware Road
Boston Township, Michigan

January 2020

194688.20

DRAFT

BLDI

Table 1
Maximum Concentration of Detected Hazardous Substances for Subsurface Soil Sampling
0 Ware Road
Boston Township, Michigan

Detected Analyte	Chemical Abstract Number	Soil									
		Maximum Detected Concentration			Residential						
		Concentration (ug/L)	Sample Location & Depth (ft)	Sample Date	Statewide Default Protection Criteria (ug/kg)*	Residential Drinking Water Protection Criteria (ug/kg)*	Groundwater Surface Water Interface Protection Criteria (ug/kg)*	Soil Volatilization to Indoor Air Criteria (ug/kg)*	Particulate Soil Inhalation Criteria (ug/kg)*	Infinite Source Volatile Soil Inhalation Criteria (ug/kg)*	Direct Contact Criteria (ug/kg)*
Methylene Chloride	75092	130	MW-3S (55.0-55.5)	11/1/2019	NA	100	30,000 (X)	45,000	6.60E+09	2.10E+05	1.30E+06
Tetrachloroethene	127184	1,400	MW-6D (58.5-59.0)	10/29/2019	NA	100	1,200 (X)	11,000	2.70E+09	1.70E+05	2.00E+05 (C)
Trichloroethene	79016	77	MW-6D (58.5-59.0)	10/29/2019	NA	100	4,000 (X)	1,000	1.30E+08	11,000	1.10E+05 (DD)

Bolded and shaded values indicate that criteria is exceeded.

NA - Not Applicable

(C) - Value presented is a screening level based on the chemical -specific generic soil saturation concentration (Csat) since the calculated risk-based criterion is greater than Csat

(DD) - Hazardous substance causes developmental effects. Nonresidential direct contact criteria are protective for a pregnant adult receptor.

(X) - The GSI criterion shown is not protective of surface water used as a drinking water source

* EGLE Cleanup Criteria Requirement for Response Activity, 2018

DRAFT

Table 2
Maximum Concentration of Detected Hazardous Substances for Groundwater Sampling
0 Ware Road
Boston Township, Michigan

Groundwater							
Analyte	CAS Number	Maximum Concentration (ug/L)	Location and Depth of Maximum Concentration	Date Collected	Residential Drinking Water Protection Criteria (ug/L)*	Groundwater Surface Water Interface Criteria (ug/L)*	Groundwater Volatilization to Indoor Air Criteria (ug/L)*
Carbon Tetrachloride	56235	3.1	MW-6S (76.5-81.5)	11/27/2019	5.0 (A)	38 (X)	370
Tetrachloroethene	127184	18	MW-6S (76.5-81.5)	11/27/2019	5.0 (A)	60 (X)	25,000
1,1,1-Trichloroethane	71556	4.7	MW-6S (76.5-81.5)	11/27/2019	200 (A)	89	6.60E+05

Bolded and shaded values indicate that criteria is exceeded.

(A) Criterion is the state of Michigan drinking water standard established pursuant to Section 5 of 1976 PA 399, MCL 325.1005

(X) - The GSI criterion shown is not protective of surface water used as a drinking water source

* EGLE Cleanup Criteria Requirement for Response Activity, 2018

TABLE 3
Summary of Laboratory Analytical Results for Soil Samples
 0 Ware Road
 Boston Township, Michigan

Sample ID	MW-1S (5-5.5)	MW-1S (15-15.5)	MW-1S (25-25.5)	MW-1S (35-35.5)	MW-2D (5-5.5)	MW-2D (15-15.5)	MW-2D (25-25.5)	MW-2D (34.5-35)	MW-2D (45-45.5)	MW-2D (50-50.5)
Sample Depth (feet BGS)	5.0 - 5.5	15.0 - 15.5	25.0 - 25.5	35.0 - 35.5	5.0 - 5.5	15.0 - 15.5	25.0 - 25.5	34.5 - 35	45.0 - 45.5	50.0 - 50.5
Date Collected	10-28-19	10-28-19	10-28-19	10-28-19	10-30-19	10-30-19	10-30-19	10-30-19	10-30-19	10-30-19
Collected By:	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI
Collection Method*	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS
VOLATILES										
Date Analyzed	10-30-19	10-30-19	10-30-19	10-31-19	11-05-19	11-05-19	11-05-19	11-05-19	11-02-19 & 11-05-19	11-02-19 & 11-05-19
Analytical Method No.	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
Methylene Chloride	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100
Tetrachloroethene	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50
Trichloroethene	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Hollow Stem Auger Split Spoon (HS)

Note: Only detected compounds are shown on the table. Please see laboratory analytical report for a full list of analytes.

Sample ID	MW-2D (60-60.5)	MW-3S (5-5.5)	MW-3S (15-15.5)	MW-3S (25-25.5)	MW-3S (35-35.5)	MW-3S (45-45.5)	MW-3S (55-55.5)	MW-4 (5-5.5)	MW-4 (15-15.5)	MW-4 (25-25.5)
Sample Depth (feet BGS)	60.0 - 60.5	5.0 - 5.5	15.0 - 15.5	25.0 - 25.5	35.0 - 35.5	45.0 - 45.5	55.0 - 55.5	5.0 - 5.5	15.0 - 15.5	25.0 - 25.5
Date Collected	10-30-19	11-01-19	11-01-19	11-01-19	11-01-19	11-01-19	11-01-19	11-01-19	10-28-19	10-28-19
Collected By:	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI
Collection Method*	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS
VOLATILES										
Date Analyzed	11-02-19 & 11-05-19	11-06-19	11-06-19	11-06-19	11-06-19	11-06-19	11-06-19	11-06-19	10-31-19	10-31-19
Analytical Method No.	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
Methylene Chloride	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100
Tetrachloroethene	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50
Trichloroethene	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Hollow Stem Auger Split Spoon (HS)

Note: Only detected compounds are shown on the table. Please see laboratory analytical report for a full list of analytes.

TABLE 3
Summary of Laboratory Analytical Results for Soil Samples
 0 Ware Road
 Boston Township, Michigan

Sample ID	MW-4 (35-35.5)	MW-4 (45-45.5)	MW-4 (55-55.5)	MW-4 (65-65.5)	MW-4 (74-74.5)	MW-5D (5-5.5)	MW-5D (15-15.5)	MW-5D (25-25.5)	MW-5D (35-35.5)	MW-5D (45-45.5)
Sample Depth (feet BGS)	35.0 - 35.5	45.0 - 45.5	55.0 - 55.5	65.0 - 65.5	74.0 - 74.5	5.0 - 5.5	15.0 - 15.5	25.0 - 25.5	35.0 - 35.5	45.0 - 45.5
Date Collected	10-28-19	10-28-19	10-28-19	10-28-19	10-28-19	10-31-19	10-31-19	10-31-19	10-31-19	10-31-19
Collected By:	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI
Collection Method*	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS
VOLATILES										
Date Analyzed	10-31-19	10-31-19	10-31-19	10-31-19	10-31-19	11-06-19	11-06-19	11-06-19	11-06-19	11-06-19
Analytical Method No.	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
Methylene Chloride	< 120	120	< 120	120	< 130	130	< 120	120	< 130	130
Tetrachloroethene	< 61	61	< 61	61	< 66	66	< 58	58	< 65	65
Trichloroethene	< 61	61	< 61	61	< 66	66	< 58	58	< 65	65

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Hollow Stem Auger Split Spoon (HS)

Note: Only detected compounds are shown on the table. Please see laboratory analytical report for a full list of analytes.

Sample ID	MW-5D (55-55.5)	MW-6D (5-5.5)	MW-6D (9-9.5)	MW-6D (15.5-19)	MW-6D (30-30.5)	MW-6D (38.5-39)	MW-6D (50-50.5)	MW-6D (58.5-59)	MW-6D (70-70.5)	MW-6D (80-80.5)
Sample Depth (feet BGS)	55.0 - 55.5	5.0 - 5.5	9.0 - 9.5	15.5 - 19.0	30.0 - 30.5	38.5 - 39.0	50.0 - 50.5	58.5 - 59.0	70.0 - 70.5	80.0 - 80.5
Date Collected	10-31-19	10-29-19	10-29-19	10-29-19	10-29-19	10-29-19	10-29-19	10-29-19	10-29-19	10-29-19
Collected By:	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI	BLDI
Collection Method*	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS
VOLATILES										
Date Analyzed	11-06-19	11-05-19	11-05-19	11-05-19	11-05-19	11-05-19	11-05-19	11-05-19	11-05-19	11-05-19
Analytical Method No.	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D	EPA 5035A/EPA 8260D
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
Methylene Chloride	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100
Tetrachloroethene	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50
Trichloroethene	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Hollow Stem Auger Split Spoon (HS)

Note: Only detected compounds are shown on the table. Please see laboratory analytical report for a full list of analytes.

Table 4
Summary of Laboratory Analytical Results for Groundwater Sampling
0 Ware Road
Boston Township, Michigan

Sample ID	MW-1S		MW-2S		MW-3S		MW-4		MW-5S		MW-5D		MW-6S		MW-6D		MW-6D DUP	
Sample Depth (feet BGS)	37 - 42		62.5 - 67.5		55 - 60		73 - 78		57 - 62		67 - 72		76.5 - 81.5		86.5 - 91.5		86.5 - 91.5	
Date Collected	11-26-19		12-17-19		11-26-19		11-26-19		11-26-19		11-26-19		11-27-19		11-27-19		11-27-19	
Collected By:	BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI		BLDI	
Collection Method*	SP, LF		SP, LF		SP, LF		SP, LF		SP, LF		SP, LF		SP, LF		SP, LF		SP, LF	
VOLATILES																		
Date Analyzed	12-07-19		12-20-19		12-07-19		12-07-19		12-07-19		12/7/19 & 12/8/19		12-08-19		12/7/19 & 12/8/19		12/7/19 & 12/8/19	
Analytical Method No.	EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D		EPA 5030C/EPA 8260D	
CONSTITUENT (ug/kg)	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
Carbon Tetrachloride	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	2.1	1.0	3.1	1.0	<1.0	1.0	<1.0	1.0
Tetrachloroethene	1.1	1.0	<1.0	1.0	<1.0	1.0	13	1.0	<1.0	1.0	9.0	1.0	18	1.0	2.1	1.0	2.4	1.0
1,1,1-Trichloroethane	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	4.7	1.0	<1.0	1.0	<1.0	1.0

Bolded and shaded exceed applicable criteria

BGS = Below Ground Surface

NA = Not Analyzed

RL = Reporting Limit

* Collection Method Codes (List all that apply): Submersible Pump (SP), Low Flow (LF)

Note: Only detected compounds are shown on the table. Please refer to the laboratory analytical report for a full list of analytes.

DRAFT

Table 5
Groundwater Elevation Data
0 Ware Road
Boston Township, Michigan

Monitoring Well I.D.	Ground Elevation (ft.)	T.O.C. Elevation (ft.)	Screened Interval (ft. bgs)	Depth to T.O.S. TOS (ft. bgs)	Elevation of T.O.S (ft)	November 27, 2019		January 8, 2020	
						Depth Below T.O.C. (ft.)	Groundwater Elevation (ft.)	Depth Below T.O.C. (ft.)	Groundwater Elevation (ft.)
MW-1S	791.71	795.32	37- 42	37.00	754.71	40.80	754.52	40.79	754.53
MW-1	791.90	795.24	62.33 - 65.33*	62.33	729.57	---	---	40.73	754.51
MW-2S	792.29	795.43	62.5 - 67.5	62.50	729.79	---	---	65.94	729.49
MW-2D	792.27	795.46	72.5 - 77.5	72.50	719.77	---	---	69.91	725.55
MW-3S	794.58	796.59	55 - 60	55.00	739.58	59.79	736.80	59.87	736.72
MW-3	795.20	796.23	64.23 - 67.23*	64.23	730.97	---	---	58.48	737.75
MW-4	827.70	831.38	73 - 78	73.00	754.70	78.00	753.38	77.83	753.55
MW-5S	781.08	784.14	57 - 62	57.00	724.08	60.00	724.14	60.17	723.97
MW-5D	780.72	783.97	67 - 72	67.00	713.72	59.80	724.17	60.00	723.97
MW-6S	827.81	831.05	76.5 - 81.5	76.50	751.32	79.55	751.50	79.87	751.18
MW-6D	827.73	830.80	86.5 - 71.5	86.50	741.23	79.19	751.61	79.62	751.18

*Source: April 1987 EIS - Hydrogeological Study Report

LOWELL CITY ADMINISTRATION
INTER OFFICE MEMORANDUM



DATE: January 17, 2020

TO: Mayor DeVore and the Lowell City Council

FROM: Michael T. Burns, City Manager *MS*

RE: 990 N. Washington

The City has been renting the house located at 990 N. Washington to Sandra Bartlett and Gary Dietzel since 1979. Their lease is set to expire on June 30, 2020. Currently, they pay \$450 a month to rent the property located in Vergennes Township and the home resides on three acres.

I do not understand what the justification was to rent the property for all these years. That said, the City needs to decide what we would like to do with the property and if we want to renew the lease.

I have discussed this property with our Assessor, who happens to be the Assessor for Vergennes Township, and I have learned the property has not been assessed properly. Currently only the house has been assessed when actually the entire three acres of property should be. The taxable value on the property is \$11,282 and the City paid \$541.48 in taxes during the current fiscal year. In actuality, the three acre parcel has a true cash value of \$128,500 meaning the taxable value should be \$64,250. When you calculate the non-homestead tax rate of 47.5802 mills, the annual tax to the property should be \$3,057.03. According to the Assessor, this will change in the 2021 tax year.

In addition, when I first arrived in 2016, our insurance carrier informed us they believed there were a number of building codes that needed to be updated. One item of particular concern to them was the wood burning stove that heats the home.

In my opinion, the property and home are not a need of the City. We have no use for it. That said, Ms. Bartlett and Mr. Dietzel have lived here since 1979. It also is not a good practice for municipalities to be landlords.

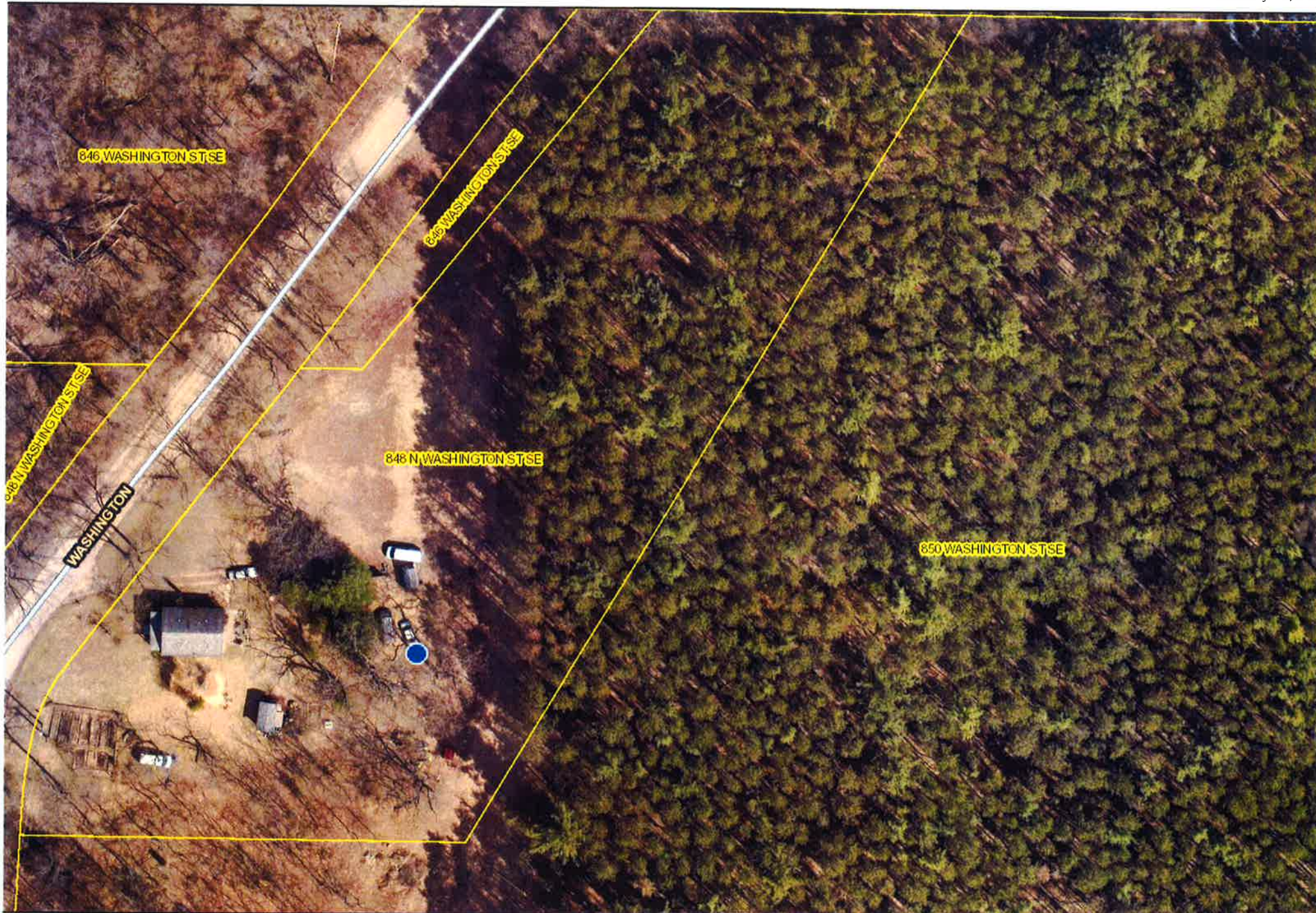
When the City Assessor and I reviewed this, the parcel could be split into three properties in accordance to Vergennes Township's zoning requirement. The Assessor states the minimum parcel size for each lot is 17,000 sq. ft. The Assessor stated it's possible for the properties to be sold individually. The parcel the home resides on, could be sold for the highest amount. The second parcel could be sold for approximately \$25,000 and the third parcel which would be wooded and abuts the property at Scout Park, would be significantly less. You might want to merge this property with Scout Park.

Another option, which I believe may be better, is to have the building official verify the cost to bring the home to code. This should cost more than the value of the home. According to the City Attorney, this would satisfy the Michigan Constitution requirement of selling the property at a fair market value. This would allow us to split the parcel the home and septic system reside on, to the minimum lot size required by township zoning standards and give the home to the current tenants for \$1. The remaining parcel or parcels could be added as park property to Scout Park. This then allows the tenants to remain at the home.

I need direction from the City Council as to what you would like to do going forward with this property.

Viewer Map

January 17, 202



ft



LEASE AGREEMENT

NOTICE

MICHIGAN LAW ESTABLISHES RIGHTS AND OBLIGATIONS FOR PARTIES TO RENTAL AGREEMENTS. THIS AGREEMENT IS REQUIRED TO COMPLY WITH THE TRUTH IN RENTING ACT. IF YOU HAVE A QUESTION ABOUT THE INTERPRETATION OR LEGALITY OF THE PROVISIONS OF THIS AGREEMENT, YOU MAY WANT TO SEEK ASSISTANCE FROM A LAWYER OR OTHER QUALIFIED PERSON.

THIS LEASE AGREEMENT ("Lease") has been made effective as of July 1, 2010, between the CITY OF LOWELL, a Michigan municipal corporation ("Landlord"), whose address is 301 E. Main Street, Lowell, Michigan 49331, and GARY C. DIETZEL AND SANDRA BARTLETT (collectively and individually, "Tenant"), whose address is 990 N. Washington Avenue, Lowell, Michigan 49331. In consideration of the mutual covenants herein contained, Landlord and Tenant agree as follows:

1. **Leased Premises.** Landlord leases to Tenant, and Tenant leases from Landlord, on the terms and subject to the conditions of this Lease, the premises located at 990 N. Washington Avenue, Lowell Michigan and identified on the attached Exhibit A (the "Premises").
2. **Term.** The term of this Lease ("Term") shall be for a period of one hundred twenty (120) months commencing on July 1, 2010, and continuing until midnight on June 30, 2020, unless the Term shall sooner terminate (the "Termination Date"). Either Landlord or Tenant may terminate this Lease sooner for any reason upon giving the other party thirty (30) days' advance notice in accordance with paragraph hereof.
3. **Rent.** Tenant shall pay rent monthly in accordance with the following schedule:

<u>Period</u>	<u>Amount Per Month</u>
July 2010 through June 2011	\$360.00
July 2011 through June 2012	370.00
July 2012 through June 2013	380.00
July 2013 through June 2014	390.00
July 2014 through June 2015	400.00
July 2015 through June 2016	410.00
July 2016 through June 2017	420.00
July 2017 through June 2018	430.00
July 2018 through June 2019	440.00
July 2019 through June 2020	450.00

Tenant shall pay each monthly rental payment, in advance, without any setoff or deductions, on or before the first day of each calendar month during the Term. All payments shall be made by check or money order payable to Landlord, and mailed to Landlord at such place as Landlord may designate. No receipt by Landlord of a lesser amount than the monthly rental payment or endorsement of any check or any letter accompanying a rental payment shall be deemed an accord and satisfaction. All payments received shall be applied first to returned check charges and late fees due pursuant to paragraph 4 below, then to other amounts, excluding rent, due hereunder, then to rent due hereunder.

4. **Late Charges; Returned Checks; Costs of Collection.** To compensate Landlord for the extra administrative costs it will incur: (i) Tenant shall pay a late charge of Twenty Dollars (\$20.00) if the monthly rent is not received by landlord within ten (10) days after rent is due. The late charge is neither a liquidated damage

nor the sole or exclusive remedy of Landlord for the late payment of rent; (ii) if any of Tenant's checks are returned to Landlord, unpaid, Tenant shall pay Landlord an additional service charge of Fifty Dollars (\$50.00) for each such check. If Landlord must institute legal proceedings against Tenant for a violation of this Lease, Landlord shall, to the extent permitted by law, be entitled to recover from Tenant its reasonable costs of enforcement.

5. Utilities and Property Taxes. Tenant shall be responsible for and pay the entire amount of charges for all utilities, phone or communications service, cable, and residential garbage service in respect of the Premises. Landlord shall not be responsible for any failure or interruption of any utility or service if the interruption is permitted by law. Landlord shall pay any property taxes due on the Premises.

6. Notices. Any notice which either party may or is required to give hereunder may be served personally or sent by certified mail, return receipt requested, and postage prepaid, as follows:

(1) To Tenant at the Premises or at the forwarding address Tenant leaves with Landlord pursuant to paragraph 6 above;

(2) To Landlord at:

City of Lowell
Attention: City Manager
301 E. Main Street
Lowell, Michigan 49331

or at such other places as may be designated in writing by the parties from time to time.

7. Use and Occupancy of the Premises. Tenant shall use and occupy the Premises for single family residential purposes, and for no other purpose. Tenant shall comply with all laws and covenants affecting the Premises or their use or occupancy, all covenants, rules and regulations regarding the Premises, and shall not permit any nuisance or waste, loud noises, disturbances of the peace, harassment, or any acts or omissions that bring ill-repute to the Premises or Landlord or that result in neighbors' complaints. Tenant shall not permit any illegal, immoral or hazardous activities on the Premises or any activities which will increase insurance rates or generate an unusual amount of traffic. Tenant shall be liable for, and shall indemnify and hold Landlord harmless from, any personal injury or property damage claims, expenses and actual attorney fees related to the Premises, unless caused by reckless, intentional or criminal action of Landlord. Tenant shall not permit hazardous, flammable or explosive substances on the Premises and shall comply with all environmental laws at Tenant's expense.

8. Condition of Premises; Maintenance; Repair. Tenant agrees that Landlord has made no warranties or representations as to condition or repair of the Premises, nor has any promise to alter, repair or improve the Premises been made except as contained in this Lease. Tenant accepts the Premises in their current condition, acknowledges that they are habitable and agree, during the term of this lease, to keep them in the same or better condition (reasonable wear and tear excepted) and at the expiration thereof, yield and deliver up in the same condition as when taken, reasonable wear and tear excepted. Tenant acknowledges that the Premises are in habitable condition, and accepts the Premises in its "AS IS/WHERE IS" condition. Tenant agrees not to use the structure identified as "Old Pump House Brick" on the attached Exhibit A until, at Tenant's Cost it has been examined by a licensed structural engineer and repairs and modifications as recommended by such structural engineer have been completed at Tenant's sole cost and Tenant has provided Landlord reasonable documentation evidencing the same. Tenant shall keep the lawn and landscaping watered and neatly trimmed, free of rubbish or unsightly items, and shall employ periodic extermination services as necessary to keep the Premises free of all pest infestations. Tenant shall, at Tenant's expense, also keep the foundation, roof, furnace,

air conditioning, electrical and plumbing systems, exterior walls and all load-bearing portions of the Premises in good repair throughout the Term, but shall not be required to replace any of them unless damage was caused by or permitted by Tenant. Tenant shall pay for plumbing service for removal of foreign substances or clogging of any plumbing system or fixture. Tenant shall not permit parking on any portion of the Premises except the driveway. Tenant agrees it shall be Tenant's sole responsibility to repair and maintain the Premises pursuant to Tenant's obligations as set forth in this Lease. Tenant shall be responsible for any damage caused to the Premises by Tenant or by Tenant's family members, guests or invitees. Tenant agrees to report promptly to Landlord any damage caused to or discovered in the Premises. Landlord may repair, at Landlord's sole option and at the expense of the Tenant, all damage to the Premises for which Tenant is responsible hereunder. To the extent permitted by law, Landlord's reasonable delay in providing services it is required to provide shall be excused when caused by events beyond Landlord's reasonable control.

9. Personal Property. Tenant agrees that all personal property is kept on the Premises at Tenant's own risk. Landlord shall not be responsible for any loss of or damage to any personal property whatsoever that may be on the Premises. Tenant agrees to maintain Tenant's own personal property insurance. Tenant releases Landlord from any and all liability for any loss of or damage to personal property left by Tenant after Tenant vacates the Premises.

10. Fire or Destruction; Premises Not Habitable. If the Premises, or any substantial part thereof, are destroyed or rendered untenable by fire or other casualty, Landlord shall have the right to terminate this Lease upon written notice. If the Premises are rendered non-habitable for any reason whatsoever, and Tenant fails to perform Tenant's obligations under this Lease, including Tenant's repair and maintenance obligations, this Lease shall terminate immediately.

11. Waiver of Subrogation. Landlord and Tenant each hereby release the other, including employees, agents, family members, invitees, and guests of the other, from all liability arising from loss, damage or injury caused by fire or other casualty to the extent of any recovery by the injured party under a policy of insurance which permits waiver of liability and waives the insurer's rights of subrogation.

12. Indemnification. Landlord shall not be liable for any damage or injury occurring on or about the Premises to Tenant, Tenant's family members, guests or invitees, except in the case of Landlord's failure to perform, or negligent performance of, a duty imposed by law. Tenant hereby agrees to protect, indemnify and hold Landlord harmless from and against any and all loss, costs, expense, damage or liability arising out of any accident or other occurrence on the Premises or any part thereof, or in any common area, causing injury to any person or property whomsoever or whatsoever, no matter how caused, except in the case of Landlord's failure to perform or negligent performance of a duty imposed by law.

13. Smoke Detectors. Tenant agrees that unit is equipped with a working smoke detector. Tenant agrees to keep the number of smoke detectors required by law in working order, including replacement of batteries as necessary.

14. Assignment and Subletting. Tenant shall not assign the Lease in whole or in part (for security or otherwise) or sublet all or any portion of the Premises

15. Default. Notwithstanding Landlord's right to impose a late charge, Tenant's failure to pay any monthly rental payment when due, or to perform any of Tenant's obligations hereunder, shall constitute a default. If Tenant defaults in the payment of Rent, allows a material health hazard, criminal act or continuing physical injury to the Premises to exist and such default shall continue for seven (7) days (fifteen (15) days for a non-monetary default) after notice from Landlord (unless a lesser notice period is at any time permitted by law, in which case such shorter period shall apply), or Tenant is late in paying rent three or more times, or Tenant

defaults in the performance of any of its other obligations under this Lease and such default shall continue for seven (7) days after notice thereof from Landlord specifying the default (unless a lesser notice period is at any time permitted by law such as related to illegal substances on the premises, in which case such shorter period shall apply), then Landlord may cure such default, and any costs and expenses incurred by Landlord therefor shall be deemed additional rent due upon demand. Alternatively, Landlord may retake the Premises without terminating this Lease, in which case Tenant shall continue to pay rent and shall pay all costs of retaking, repairing and reletting the Premises and any difference in rental received if the Premises are relet, all as allowed by applicable law, or Landlord may terminate this Lease with such notice as is required by law and require Tenant to peaceably surrender possession of the Premises to Landlord and pay all damages caused by the default, including without limitation Landlord's reasonable attorney fees and costs. If Tenant shall be absent from the Premises for a period of fifteen (15) consecutive days while in default, Tenant shall, at Landlord's option, be deemed to have abandoned the Premises. Tenant shall be in default and may be evicted if tenant, member of tenant's household, or other person under the tenant's control, has manufactured, delivered, possessed with intent to deliver or possessed a controlled substance as defined by Public Act 368 of 1978, as amended, on the Premises. Tenant agrees that acceptance of monthly rental payments by Landlord after notice of termination or forfeiture will not constitute waiver of the notice of termination or forfeiture unless Landlord agrees to a waiver in writing, nor will such payment affect any legal proceedings taken or to be taken by Landlord except to reduce Tenant's obligation to Landlord by the amount of such partial payment.

16. Holdover. Any holding over after the Termination Date will be only with the prior written consent of the Landlord and will, in any case, be construed as a month-to-month tenancy, subject to all other conditions of this Lease, and with the holdover rent to be the monthly rate stated in this Lease, plus the cumulative increase since the Lease's effective date in the Consumer Price Index Midwest Urban since the commencement date of this Lease.

17. Waiver. Landlord's failure to enforce any term of this Lease shall not be deemed a waiver of the enforcement of that or any other term. The receipt by Landlord of rent with knowledge of a breach of any term of this Lease shall not be deemed a waiver of such breach, nor shall partial payment of rent be deemed a waiver of Landlord's right to the full amount thereof.

18. Lead Paint. Tenant(s) acknowledges review and execution of the Lead Warning and Disclosure Statements and receipt of the Environmental Protection Agency pamphlet entitled "Protect Your Family From Lead in Your Home."

19. Joint and Several Agreements. If the Premises are rented to more than one Tenant, all Tenants are jointly and severally responsible for the payment of rent and all covenants and terms of this Lease.

20. Covenants and Conditions. Each provision of this Lease performable by Tenant shall be deemed both a covenant and a condition.

21. Reserved Rights. Landlord reserves the right to enter the Premises, as may be allowed by law for inspection, repairs, alterations or additions, inspection of the Premises, and other like purposes including specifically an annual inspection by Landlord's building official all of which shall be made at reasonable times and with notice to Tenant, except in case of emergency.

22. Severability. If any provision of this Lease should be or become invalid, such invalidity shall not in any way affect any of the other provisions of this Lease, which shall continue to remain in full force and effect. This Lease shall bind and benefit Landlord and Tenant and their successors, heirs, administrators, legal representatives, executors or assigns.

23. **Entire Agreement; Modifications in Writing.** Tenant acknowledges that Landlord has made no representations or promises with respect to the Premises except as herein expressly set forth and that the foregoing constitutes the entire agreement between the parties. No modifications of this Lease shall be binding unless in writing, signed by the Tenant and by an authorized agent of Landlord. This Lease may be executed in multiple counterparts which together shall constitute one original. Facsimile signatures shall be of the same effect as original signatures.

IN WITNESS WHEREOF, the undersigned have executed this Lease deemed effective as of the date first written above.

Date: 6/28/10

Date: 6-28-10

Date: June 22, 2010

TENANT:

Gary C. Dietzel
Gary C. Dietzel

Sandra Bartlett
Sandra Bartlett

LANDLORD:

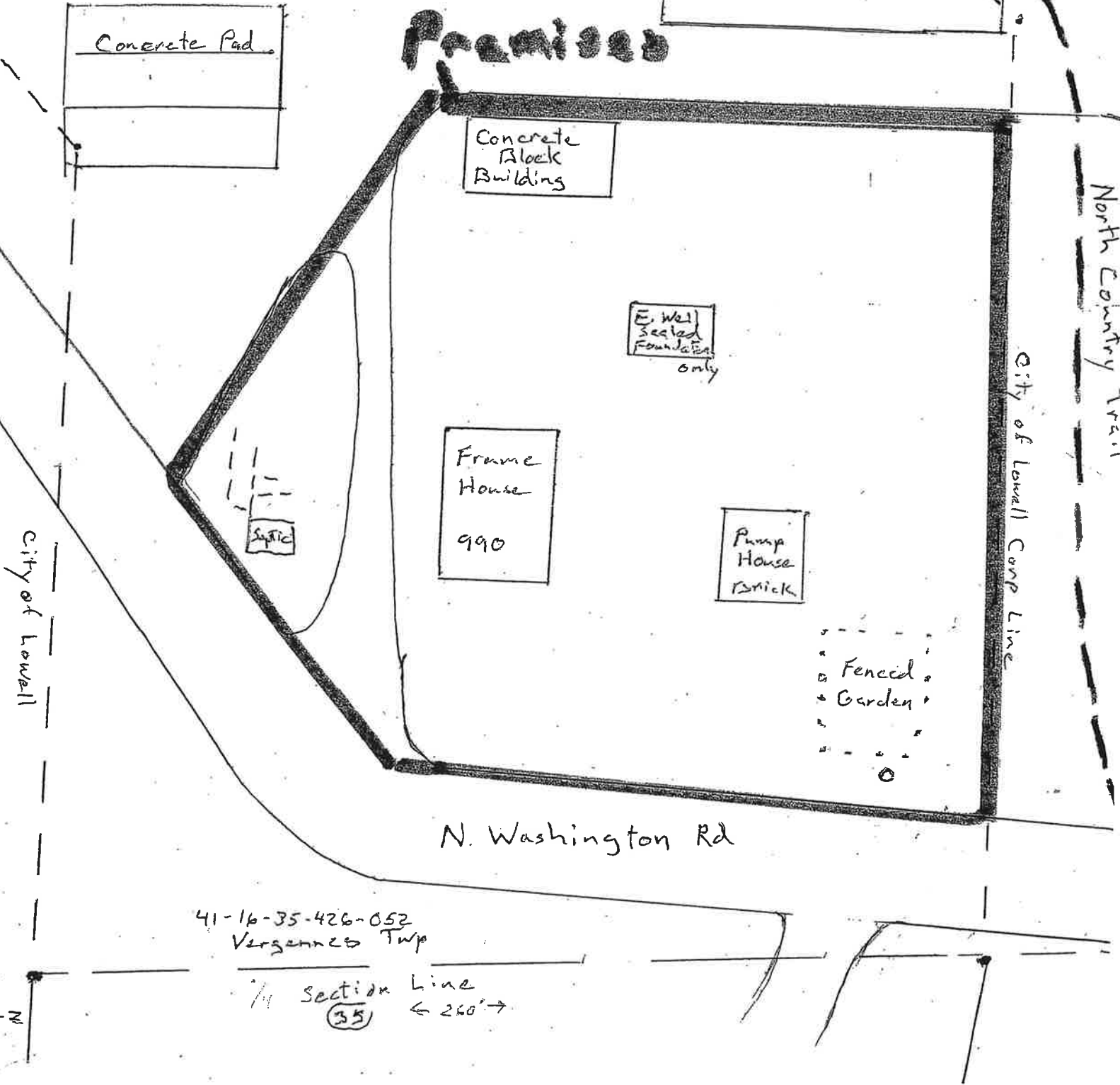
CITY OF LOWELL

By: James Hodges
James Hodges, Mayor

By: Betty R. Morlock
Betty R. Morlock, City Clerk

Exhibit A

Premises



City of Lowell
990 N. Washington property
June, 2010
not to scale Gary Dietzel



301 East Main Street
Lowell, Michigan 49331
Phone (616) 897-8457
Fax (616) 897-4085

January 31, 2020

Ref. 990 N Washington St SE potential land division for house with approximately one acre. PPN: 41-16-35-426-052

Mike Burns, City Manager:

If the existing approximately three acre parcel were to be divided it could potentially create an approximately one acre parcel with the existing house and approximately a two acre vacant remainder parcel.
(See non-scale informational drawing attached)

Note: The minimum lot size is 17,000 sf however this scenario indicates the lot to be approximately 45,000 sf (about 1 acre) due to the location of the house on the parent parcel. (See non-scale informational drawing attached)

The estimated value of the house at 990 N Washington St SE with approximately one acre of land is approximately \$30,000.

Alternatively, the three acre parent parcel could be divided to yield the house with two acres (which includes the small triangle parcel on the west side of North Washington St SE) and vacant one acre remainder parcel. The estimated value of the house with two acres is approximately \$45,000.

Thank you,

Jeffrey D Rashid MAAO 3
Assessor
City of Lowell

attachment

Attachment to Letter dated: January 31, 2020

Ref. 990 N Washington St SE potential land division for house with approximately one acre. PPN: 41-16-35-426-052





LOWELL CITY COUNCIL

MEMORANDUM

DATE: February 13, 2020

TO: Mayor DeVore and the City Council

FROM: Michael T. Burns, City Manager *MB*

RE: Redevelopment Ready Communities

In order for the City of Lowell to be able to be a community eligible for investment by the Michigan Economic Development Corporation, we must be engaged in the Redevelopment Ready Communities initiative. If we wish to engage with RRC, we must do so within 30 days after our presentation.

I am not convinced this program will bring us new investment or an increase in taxable value. I am concerned the bureaucracy is going to be burdensome and the ability to meet all of the requirements will be difficult. That said, I will attempt annually to complete a task or two to stay engaged.

However, we have projects we are on working with the MEDC currently in which the developers involved need their assistance. While I recognize some of the best practices are good ideas, I am not convinced being enrolled in this program will be game changing for our Community. That said, I would hate to hinder developers who need their assistance by not engaging in the program.

Attached is Resolution which is needed to engage with the MEDC in this program.

I recommend the Lowell City Council approve Resolution to engage in the Redevelopment Ready Communities Program.

**CITY COUNCIL
CITY OF LOWELL
KENT COUNTY, MICHIGAN**

RESOLUTION NO. 05-20

**RESOLUTION TO PROCEED WITH THE REDEVELOPMENT READY
COMMUNITIES (RRC) PROGRAM OF THE MICHIGAN ECONOMIC
DEVELOPMENT CORPORATION (MEDC).**

Councilmember _____ supported by Councilmember _____ moved
the adoption of the following resolution:

WHEREAS, the Michigan Economic Development Corporation (MEDC) selected the City of Lowell as a community to participate in the Redevelopment Ready Communities (RRC) program; and,

WHEREAS, the MDEC has developed a program for certifying Redevelopment Ready Communities and the City of Lowell desires to achieve certification by implementing best practices and recommended strategies for redevelopment; and,

WHEREAS, the City of Lowell includes within its boundaries properties that present opportunities for redevelopment; and,

WHEREAS, the RRC program includes evaluating strong partnerships with boards and commissions related to development including the City Council, Planning Commission, Downtown Development Authority, Zoning Board of Appeals and Brownfield Redevelopment Authority; and,

WHEREAS, after review of the RRC Report of Findings, the City of Lowell is willing to complete the tasks as outlined, which will involve interaction with the aforementioned City boards and Commissions;

NOW, THEREFORE, BE IT HEREBY RESOLVED, that the City of Lowell will proceed under the RRC Program and will obtain certification as a Redevelopment Ready

Community and receive assistance from the RRC Program in promoting sites within the Community.

YES: Councilmembers _____

NO: Councilmembers _____

ABSTAIN: Councilmembers _____

ABSENT: Councilmembers _____

RESOLUTION DECLARED ADOPTED.

Dated: February 18, 2020

Susan Ullery, City Clerk

CERTIFICATION

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of Lowell at a regular meeting held on February 18, 2020, and that public notice of said meeting was given pursuant to, and in compliance with, Act 267 of the Public Acts of Michigan of 1976, as amended.

Dated: February 18, 2020

Susan Ullery, City Clerk



LOWELL CITY COUNCIL

MEMORANDUM

DATE: February 14, 2020

TO: Mayor DeVore and the City Council

FROM: Michael T. Burns, City Manager *mb*

RE: Resolution 06-20

Our current and future financial position has required me over the last three years to evaluate how we address future retirement costs going forward. It is apparent to me, if we continue to provide retirement and other post-employment benefits (OPEB) in the manner we do currently, this will not be sustainable for the future of the City of Lowell. This will impact how we provide municipal services and the quality of life in the community.

I have spent much time in the past three years on these issues. But in the last year and a half, I have put forth an effort to plan what is being proposed in the future while ensuring we are providing fair compensation and benefits for our employees and future employees that are in line with trends occurring throughout communities in Michigan.

At our last City Council meeting, the City Council ratified a labor agreement with our Police Officers Union that has put us on a path toward addressing these future concerns. I am asking the City Council to approve Resolution 06-20 that will address future pension and other post-employment benefits with our nonunion and department head staff.

The resolution proposes the following for our nonunion and department heads:

RETIREE HEALTH BENEFIT (OPEB)

- A. The City will provide retiree health insurance coverage for employees retiring on or before June 30, 2025, along with his or her spouse at the time of retirement, for no more than the first five years of retirement or until said retiree and/or spouse becomes eligible for Medicare, whichever is earlier, provided the retiring employee has achieved one of the following:
 - Ten Years of Service by Age 60
 - Fifteen Years of Service by Age 55
 - Twenty-Five Years of service by Age 55
- B. The City will establish a retiree healthcare savings plan into which it will contribute 2% of the annual base wage per fiscal year for each remaining current employee. Such employees are not eligible for employer-provided retiree health care.
- C. Employees hired after September 6, 2016 will not receive retiree health care or a contribution into a retiree healthcare savings plan

RETIREMENT

- A. *Employees hired on or after July 1, 2020* will be enrolled in a Defined Contribution Plan with immediate vesting, to which the Employer contributes 10% of base wage, with a minimum employee contribution of 6% of base wage.

The terms in the proposed resolution align with future retirement and OPEB provisions in the Lowell Police Officers' Association Labor Agreement that will begin on July 1, 2020. The only item that differs is that no retirement health care or a retiree health care savings contributions will be provided to police officers hired after July 1, 2020. The proposal for this in the resolution is to ensure that the City doesn't provide me or any nonunion or department heads hired after the date I was hired any form of retirement health care. The City has hired two nonunion/department heads since my tenure began in September of 2016.

This is being approved by City Council Resolution and can be modified at any time if so desired. **I recommend the City Council approve Resolution 06-20 as presented.**

Memorandum



To: Lowell City Council
From: Steve Donkersloot
Date: February 14, 2020
Re: Establishing Authorized Signatories for MERS

At the February 13th LL&P Board, Meeting, the following language (in bold) was discussed and approved by the LL&P Board.

Included in your packet is a Resolution to Establish Authorized Signatories for MERS Contracts and Service Credit Purchase Approvals. The purpose of the Resolution is to streamline the way in which MERS and an employer (i.e. LL&P) execute and implement Agreements, Resolutions, Amendments, etc. Currently MERS requires approved and signed Board Minutes reflecting any Board and/or City Council action, which can delay the implementation process of an approved item by 4-6 weeks. Going forward if this is passed, the LL&P Board and/or the City Council will still need to approve Agreements, Resolutions, Amendments, etc. but MERS will not require approved and signed Board Minutes.

It is my recommendation for the LL&P Board to adopt the Resolution included in your packet to allow the General Manager of LL&P to act as the LL&P signatory. If approved, this will need to go to the City Council for final approval.

It is the LL&P Board's recommendation for the City Council to approve/adopt the "Resolution Establishing Authorized Signatories for MERS Contracts and Service Credit Purchase Approvals" that is included in your packet.

Resolution Establishing Authorized Signatories for MERS Contracts and Service Credit Purchase Approvals



1134 Municipal Way Lansing, MI 48917 | 800.767.MERS (6377) | Fax 517.703.9711

www.mersofmich.com

This Resolution is entered into under the provisions of 1996 PA 220 and the Municipal Employees' Retirement System of Michigan ("MERS") Plan Document, as each may be amended.

This resolution applies to reporting unit(s) # 02 of the participating municipality listed below.

WHEREAS, Lowell Light & Power ("Employer") is a participating municipality with the Municipal Employees' Retirement System of Michigan ("MERS") and has adopted one or more retirement, insurance, investment or other post-employment benefit products administered by MERS;

WHEREAS, MERS requires signatures of an authorized representative of the Employer to execute contracts with MERS, the entry of which is authorized by the governing body and permitted under the applicable MERS Plan Document(s);

WHEREAS, the Employer wishes to designate certain job position(s), the holder(s) of which may sign MERS' contracts relating to the adoption, amendment and termination of MERS' products, and defined benefit service credit purchase approvals on behalf of Employer to implement decisions and actions of the governing body;

WHEREAS, this Resolution is not intended to apply to MERS forms or any other MERS document except as specifically mentioned herein,

Therefore, the Governing Body resolves:

The holders of the following job position(s) are hereby *Authorized Officials* that can sign: (1) MERS Adoption Agreements, Resolutions, Participation Agreements, Administrative Services Agreements, Withdrawal Agreements and any other contracts between MERS and the Employer with respect to Employer's participation in any MERS-administered product and any amendments and addendums thereto, and (2) MERS Defined Benefit service credit purchase approvals:

1. General Manager

Optional additional job positions:

2. _____
3. _____

This Resolution may be revoked in writing or amended by the Governing Body at any time, provided that it will not be effective until such writing or amended Resolution is received by MERS. The Governing Body agrees that MERS may rely upon this Resolution as conferring signing authority upon the holders of the above job position(s) to bind Employer with respect to MERS.

Adopted at a regular/special meeting of the Governing Body on February 13, 2020.

Authorized signature (must be currently in a position named above): _____

Name: Steven Donkersloot

Title: General Manager

Witness signature: _____

Witness name: Julie Stewart

Witness title: Office Manager/Staff Accountant



LOWELL CITY COUNCIL

MEMORANDUM

DATE: February 14, 2020

TO: Mayor DeVore and the City Council

FROM: Michael T. Burns, City Manager

MB

RE: PA 202 Waiver

If you recall when our audit was presented to us in January, you were informed the audited asset valuation of our pension system was 58% funded at the end of the fiscal year. This accounting triggers a preliminary review as being under 60 % funded for our pension under Public Act 202 of 2017. Under this act, we are required to file a corrective action plan to address this, and get our pension system towards a path of becoming fully funded if it is determined we are under the 60 % percent threshold. We received notification of our status by the Michigan Department of Treasury on January 15, 2020.

The State of Michigan allows for the city to request a waiver of this preliminary review if we meet certain qualifications. This waiver must be filed with Treasury within 45 days of being placed on notice by them. In our situation, I believe we will be able to file a waiver at this time. While our audited valuation states we are at 58%, our actuarial valuation from MERS which was issued last June has us at 63% funded and projects next year for us to be at 60 percent.

In addition, our recently approved labor agreement with our Police Officers Union will have them agree, going forward, to bridge their future pension multiplier from 2.5% to 2.0% on the condition all employees who are currently in our Division 10 pension system do the same. Furthermore, they have agreed to close the defined benefit pension plan to new hires after July 1, 2020 when all others in the Division 10 pension system do the same.

Prior action this evening (if approved), will close the traditional defined benefit pension plan for all nonunion and department head hires after July 1, 2020.

If the Division 10 pension system bridges their future pension multiplier from a 2.5% to a 2.0% going forward, MERS has projected that we will go from our current 63% funded to 68% if that happens. This accounts for closing the pension system for new hires.

The City is currently taking the necessary path to correct this situation on our own at this time. The waiver process requires a simple council action (voice vote) as part of the application process.

I recommend the Lowell City Council approve to request a waiver of a preliminary review of underfunded status to the Michigan Department of Treasury in accordance with Public Act 202 of 2017.



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RACHAEL EUBANKS
STATE TREASURER

January 15, 2020

**Retirement System Annual Report:
Preliminary Review of Underfunded Status**

Fiscal Year: 2019
Municipality Code: 412060
Report ID Number: 98510

Sent Via Email

City of Lowell
solin@ci.lowell.mi.us

Dear Administrative Officer or Designee:

Based upon review of your most recently submitted Retirement System Annual Report (Form 5572) and pursuant to Public Act 202 of 2017 (the Act), one (or more) of your retirement systems has triggered a preliminary review of underfunded status. Unless you apply for a waiver within **45 days** and your application is granted, your local government will receive a determination of underfunded status.

The following system(s) are underfunded:

MERS

Optional: How to Apply for a Waiver of Underfunded Status

In accordance with the Act, you **may** apply for a waiver for each preliminarily underfunded system. The attached Application for Waiver has detailed instructions on how to complete the application, as well as waiver criteria. The completed application is due back to the Department of Treasury (Treasury) within **45 days** from the date of this letter, via email to LocalRetirementReporting@Michigan.gov.

If you have multiple underfunded retirement systems, you are required to complete a separate waiver application for each system and send a separate email for each system. Please attach each application as a separate PDF document, in addition to all applicable supporting documentation. The subject line of the email should be in the following format: **Waiver-20XX, Local Government Name, Retirement System Name** (e.g. Waiver-2019, City of Lansing, Employees' Retirement System Pension Plan).

If the state treasurer determines that the underfunded status is adequately being addressed by the local government, the state treasurer shall issue a waiver of the determination of underfunded status.

Treasury will send a letter informing your local government if the waiver is granted. If the waiver is not granted, Treasury will provide a letter detailing the reasons for disapproval.

Early submission of your Application for Waiver allows greater opportunity for conversation and clarification with Treasury and is strongly encouraged.

Next Steps: If a Waiver is Disapproved or You Do Not Apply for a Waiver

- Treasury will notify the local government and request a corrective action plan for the Municipal Stability Board (the Board) to review;
- After receipt of this notification, your local government must develop a corrective action plan for each underfunded system to submit to the Board for review. The local government is responsible for determining the components of the corrective action plan(s). The governing body of the local government must approve the corrective action plan(s) before submission to the Board;
- The corrective action plan(s) must be submitted to the Board within 180 days after the notification of a determination underfunded status;
- Once your corrective action plan(s) is submitted, the Board will officially receive your plan at their next scheduled meeting;
- The Board shall then approve or disapprove a corrective action plan(s) within 45 days after it is received.

Required Payments for Retirement Health Benefits

Pursuant to Section 4(1)(a) of the Act, local governments that offer a retirement health benefit system are required to pay the following:

- 1.) **Normal costs for employees first hired after June 30, 2018.**
- 2.) Any retiree premiums that are due for retirants in the retirement system.

Thank you for your commitment to fiscal stability and compliance with the requirements of the Act. If you have any questions, please visit

Michigan.gov/LocalRetirementReporting for step-by-step reporting instructions and helpful FAQs, or email our office at LocalRetirementReporting@michigan.gov. If you would prefer to speak with a member of our team, please schedule a phone call

appointment using the Local Retirement Calendar. A team member will contact you via the phone number you provide at your scheduled time.

Sincerely,

Michigan Department of Treasury
Local Retirement Reporting Team

Protecting Local Government Retirement and Benefits Act

Application for Waiver:

Defined Benefit Pension Retirement Systems

Issued under authority of Public Act 202 of 2017.

1. LOCAL GOVERNMENT INFORMATION

Local Government Name: _____ Six-Digit Muni Code: _____

Defined Benefit Pension System Name: _____

Contact Name (Administrative Officer): _____

Title if not Administrative Officer: _____

Email: _____ Telephone: _____

Fiscal Year: _____

2. GENERAL INFORMATION

Application for Waiver: This Application for Waiver may be filed by any local government with at least one defined benefit pension retirement system that has triggered a preliminary review of underfunded status. In accordance with Public Act 202 of 2017 (the Act), if the State Treasurer determines that the underfunded status is adequately being addressed by the local government, the State Treasurer shall issue a waiver of the determination of underfunded status. If requesting a waiver, you must submit a separate and unique application for each underfunded retirement system as determined by your most recent *Retirement System Annual Report (Form 5572)*.

Due Date: The local government has **45 days from the date of notification** to complete and file the Application for Waiver. Failure to file within 45 days will result in a determination of underfunded status for your local government as defined by the Act, and your local government will be required to submit a corrective action plan to the Municipal Stability Board for approval.

Filing: This Application for Waiver must be approved by the local government's administrative officer and its governing body. **You must provide proof of your governing body approving this Application for Waiver and attach the documentation as a separate PDF document.** Failure to provide documentation that demonstrates approval from your governing body will automatically result in a disapproval of the waiver application.

The completed application must be submitted via email to LocalRetirementReporting@michigan.gov. **If you have multiple underfunded retirement systems, you are required to complete separate applications and send a separate email for each underfunded system.** Please attach each application as a separate PDF document in addition to all applicable supporting documentation.

The subject line of the email(s) should be in the following format: **Waiver-20XX, Local Government Name, Retirement System Name** (e.g. Waiver-2018, City of Lansing, Employees' Retirement System Pension Plan). Treasury will send an automatic reply acknowledging receipt of the email. Your individual email settings must allow for receipt of Treasury's automatic reply. This will be the only notification confirming receipt of the application(s).

Considerations for Waiver: A successful Application for Waiver will demonstrate what your local government has **already done** to adequately address its underfunded status. Prospective solutions will not be granted merit in determining the outcome of the waiver application (e.g. future amendments to collective bargaining agreements, upcoming millage proposals, potential budget changes, etc.). However, Treasury may consider additional ongoing funding dedicated to your retirement system if those commitments have been formally enacted by the governing body and can be documented. Section three of this waiver application allows the local government to enter a brief description of prior

actions that have already been implemented to adequately address its underfunded status. For purposes of Sec. 6.(1) of the Act, this application will also be considered the plan.

Underfunded status for a defined benefit pension system is defined as being less than 60% funded according to the most recent audited financial statements, and, if the local government is a city, village, township, or county, the actuarially determined contribution (ADC) for all of the defined benefit pension retirement systems of the local government is greater than 10% of the local government's annual governmental fund revenues, based on the most recent fiscal year.

General guidelines are listed below to help your local government decide whether to apply for a waiver. Ultimately, waiver approval or disapproval is at the discretion of the State Treasurer; however, waiver applications should generally demonstrate at least one of the following seven criteria. Please check all that apply:

- In general, local governments that were previously granted a waiver should demonstrate improvement in their underfunded status in the subsequent year. Improvement can be measured by an increase in the funded ratio and/or a decrease in the ADC as a percentage of governmental revenue;
- There was a mistake in the filing process and the local government is not actually underfunded;
- Using updated data, such as a more recent actuarial valuation, the local government is not underfunded;
- If a local government fails to calculate an ADC within their audited financial statement and triggers underfunded status, the local government may file a waiver application to Treasury that includes the calculated ADC;
- The local government demonstrates their underfunded status will be addressed within four years;
- The local government is a non-primary government (e.g. road commission, authority, etc.) and demonstrates their ADC for pension is less than 10% of governmental revenues;
- When adding enterprise fund revenues used specifically to pay retirement costs with governmental fund revenues, your ADC as a percentage of combined revenues is below 10%.

3. DESCRIPTION OF PRIOR ACTIONS

Prior actions are separated into three categories below: System Design Changes, Additional Funding, and Other Considerations. Please provide a brief description of the prior actions implemented by the local government to address the retirement system's underfunded status within the appropriate category section. Within each category are sample statements that you may choose to use to indicate the changes to your system that will positively affect your funded status. For retirement systems that have multiple divisions, departments, or plans within the same retirement system, please indicate how these changes impact the retirement system as a whole.

Please indicate where in the attached supporting documentation these changes are described and the impact of those changes (i.e. what has the local government done to improve its underfunded status, and where can we find the proof of these changes in the supporting documentation?).

Note: Please provide the name of the system impacted, the date you made the change, the relevant page number(s) within the supporting documentation, and the resulting change to the system's funded ratio.

Category of Prior Actions:

- ☐ **System Design Changes** - System design changes may include the following: Lower tier of benefits for new hires, final average compensation limitations, freeze future benefit accruals for active employees in the defined benefit system, defined contribution system for new hires, hybrid system for new hires, bridged multiplier for active employees, etc.

Sample Statement: The system's multiplier for current employees was lowered from 2.5X to 2X for the **General Employees' Retirement System** on **January 1, 2018**. On page 8 of the attached actuarial supplemental valuation, it shows our funded ratio will be **60%** by fiscal year **2021**.

- ☐ **Additional Funding** – Additional funding may include the following: voluntary contributions above the ADC, bonding, millage increases, restricted funds, etc.

Sample Statement: The local government provided a lump sum payment of **\$1 million** to the **General Employees' Retirement System** on **January 1, 2018**. This lump sum payment was in addition to the ADC of the system. The additional contribution will increase the retirement system's funded ratio to **61% by 2022**. Please see page 10 of the attached enacted budget, which highlights this contribution of **\$1 million**.

- ☐ **Other Considerations** – Other considerations may include the following: outdated Form 5572 information, enterprise fund revenue considerations, actuarial assumption changes, amortization policy changes, etc.

Sample Statement: The information provided on the Form 5572 from the audit used actuarial data from **2016**. Attached is an updated actuarial valuation for **2018** that shows our funded ratio has improved to **62%** as indicated on page 13.

Sample Statement: **\$400,000** of expenditures are directly tied to expenses for retirement obligations from our water and sewer fund. The attached analysis shows that our revenue ratio (ADC / Combined Funds) would only be **9%** when including applicable enterprise fund revenue within the calculation. Additionally, attached are two invoices from MERS showing distributions to our pension fund from the enterprise fund totaling **\$400,000**. As a result, **\$400,000** of our enterprise fund revenues should be combined with our governmental fund revenues to properly demonstrate total available funding.

4. DOCUMENTATION ATTACHED TO THIS WAIVER APPLICATION

Documentation must be attached as a PDF to this waiver application. The documentation must demonstrate the prior actions that have already been implemented to adequately address the local government's underfunded status. Please ensure this documentation directly supports and highlights the systems funded ratio as entered in section three of the waiver application above. Please check all documents that are included as part of this application and attach in successive order as provided below:

Naming convention: When attaching documents please use the naming convention shown below. If there is more than one document in a specific category that needs to be submitted, include a, b, or c for each document. For example, if you are submitting two supplemental valuations, you would name the first document "Attachment 2a" and the second document "Attachment 2b".

Naming Convention

- ☐ Attachment – 1
☐ Attachment – 2

☐ Attachment – 3

☐ Attachment – 4

☐ Attachment – 5

Type of Document

This waiver application (required);

Documentation from the governing body approving the waiver application (required);

Actuarial analysis (annual valuation, supplemental valuation, projection);

An internally developed study, in accordance with GASB and/or actuarial standards of practice, that projects assets and liabilities into the future;

Documentation of additional payments in past years that is not reflected in your audited financial statements (e.g. enacted budget, system provided information);

Documentation of commitment to additional payments in future years (e.g. resolution, ordinance);

A plan that the local government has already approved to address its underfunded status, which includes documentation of prior actions and the positive impact on the system's funded ratio;

Enterprise fund revenues: Analysis of retirement costs paid using enterprise fund revenues, as well as applicable financial documents (e.g. proof of payment, invoices from retirement plan, bank transactions, general ledger reimbursement transactions);

Other documentation, not categorized above.

☐ Attachment – 6

☐ Attachment – 7

☐ Attachment – 8

☐ Attachment – 9

6. LOCAL GOVERNMENT'S ADMINISTRATIVE OFFICER APPROVAL OF WAIVER APPLICATION

I, _____, as the government's administrative officer (Ex. City/Township Manager, Executive Director, Chief Executive Officer, etc.) **(insert title)** _____ approve this Application for Waiver. We are requesting a waiver of underfunded status because we have already implemented substantial changes to our retirement system as described above.

I confirm to the best of my knowledge that because of the changes listed above the following statement will occur:

Using the waiver criteria checked in Section 2 of this application, the _____
(Retirement Pension System Name) will have addressed its underfunded status by fiscal year _____.

Signature: _____ Date: _____

**LOWELL POLICE DEPARTMENT
MONTHLY REPORT SUMMARY
CALENDAR YEAR 2019**

[illegible]

**MONTHLY COMPARISON TOTALS
JANUARY 2019 AND 2020**

ACTIVITY	JANUARY	2019 YEAR-TO-DATE	JANUARY	2020 YEAR-TO-DATE
Total Arrests	21	21	12	12
Alcohol (MIP/Open Intox)	0	0	2	2
Drug Law Violations	1	1	0	0
Drunk Driving	1	1	1	1
Suspended License	2	2	0	0
Warrant Arrest	8	8	4	4
Other Arrests	9	9	5	5
Assault	2	2	5	5
Assault (Verbal)	2	2	2	2
Assault (Domestic)	0	0	4	4
Assist from Other Agency	6	6	13	13
Assist to Other Agency	12	12	14	14
Assist to Citizen	36	36	17	17
Breaking & Entering	3	3	1	1
Disorderly Conduct	5	5	3	3
Dog Complaints	2	2	5	5
Larceny	9	9	4	4
Malicious Destruction	0	0	0	0
Motorist Assist	14	14	9	9
Ordinance Violations	2	2	10	10
Accident Total	12	12	8	8
{Property Damage}	12	12	8	8
{Personal Injury}	0	0	0	0
Citations Issued	29	29	38	38
Traffic Stops: Warned	88	88	109	109
# of Traffic Stops Made	113	113	147	147
TOTAL COMPLAINTS	167	167	203	203

**AGENCIES ASSISTING LOWELL POLICE DEPARTMENT
JANUARY 2020**

COMPLAINT #	DATE	NATURE OF INCIDENT	AGENCY	DISPOSITION
20-0003	1/1/2020	SUICIDAL SUBJECT	KENT COUNTY	BACK-UP
20-0004	1/1/2020	DRUG REACTION	ROCKFORD AMBULANCE	ASSISTED
20-0023	1/4/2020	VERBAL DOMESTIC	KENT COUNTY	BACK-UP
20-0027	1/5/2020	SUICIDAL SUBJECT	KENT COUNTY	BACK-UP
20-0028	1/5/2020	FURNISH ALCOHOL TO MINORS	KENT COUNTY	BACK-UP
20-0040	1/7/2020	ASSAULT / LARCENY	KENT COUNTY	BACK-UP
20-0061	1/8/2020	VERBAL DOMESTIC	KENT COUNTY	BACK-UP
20-0088	1/13/2020	RUNAWAY	KENT COUNTY	ASSISTED
20-0089	1/13/2020	FLEEING & ELUDING	KENT COUNTY	ASSISTED
20-0108	1/18/2020	OVERDOSE	ROCKFORD AMBULANCE	ASSISTED
20-0116	1/20/2020	DISORDERLY	KENT COUNTY	DISREGARDED
20-0121	1/21/2020	VEHICLE BLOCKING ROADWAY	J&K TOWING	ASSISTED
20-0178	1/29/2020	BREAKING & ENTERING	CRIME SCENE UNIT	ASSISTED

**LOWELL POLICE DEPARTMENT
ASSISTING OTHER AGENCIES
JANUARY 2020**

<u>COMPLAINT #</u>	<u>DATE</u>	<u>NATURE OF INCIDENT</u>	<u>DEPARTMENT</u>	<u>STATUS</u>	<u>VENUE</u>
20-0001	1/1/2020	CHECK WELL-BEING	KENT COUNTY	ASSISTED	LOWELL TWP
20-0002	1/1/2020	CITIZEN ASSIST	LOWELL FIRE	ASSISTED	CITY OF LOWELL
20-0020	1/3/2020	WARRANT ARREST	KENT COUNTY	BACK-UP	VERGENNES TWP
20-0034	1/6/2020	SERVE SUBPOENA	GREENVILLE PD	ASSISTED	CITY OF LOWELL
20-0074	1/10/2020	CHECK WELL-BEING	KENT COUNTY	ASSISTED	LOWELL TWP
20-0092	1/14/2020	RECKLESS DRIVING	KENT COUNTY	ASSISTED	LOWELL TWP
20-0105	1/18/2020	PROPERTY DAMAGE ACCIDENT	ROAD COMMISSION	ASSISTED	CITY OF LOWELL
20-0110	1/18/2020	SUICIDAL SUBJECT	KENT COUNTY	BACK-UP	LOWELL TWP
20-0140	1/24/2020	PICK-UP ORDER	PROBATION	ASSISTED	CITY OF LOWELL
20-0154	1/25/2020	SUSPICIOUS SUBJECT	KENT COUNTY	ASSISTED	LOWELL TWP
20-0183	1/29/2020	HIT & RUN ACCIDENT	GRAND RAPIDS	ASSISTED	CITY OF LOWELL
20-0197	1/30/2020	DISORDERLY SUBJECT	KENT COUNTY	BACK-UP	LOWELL TWP
20-0198	1/30/2020	CHECK FOR DRUNK DRIVER	KENT COUNTY	ASSISTED	LOWELL TWP
20-0201	1/31/2020	OVERDOSE	KENT COUNTY	BACK-UP	LOWELL TWP

Dept. of Public Works, City of Lowell

217 S. Hudson

Lowell, MI. 49331

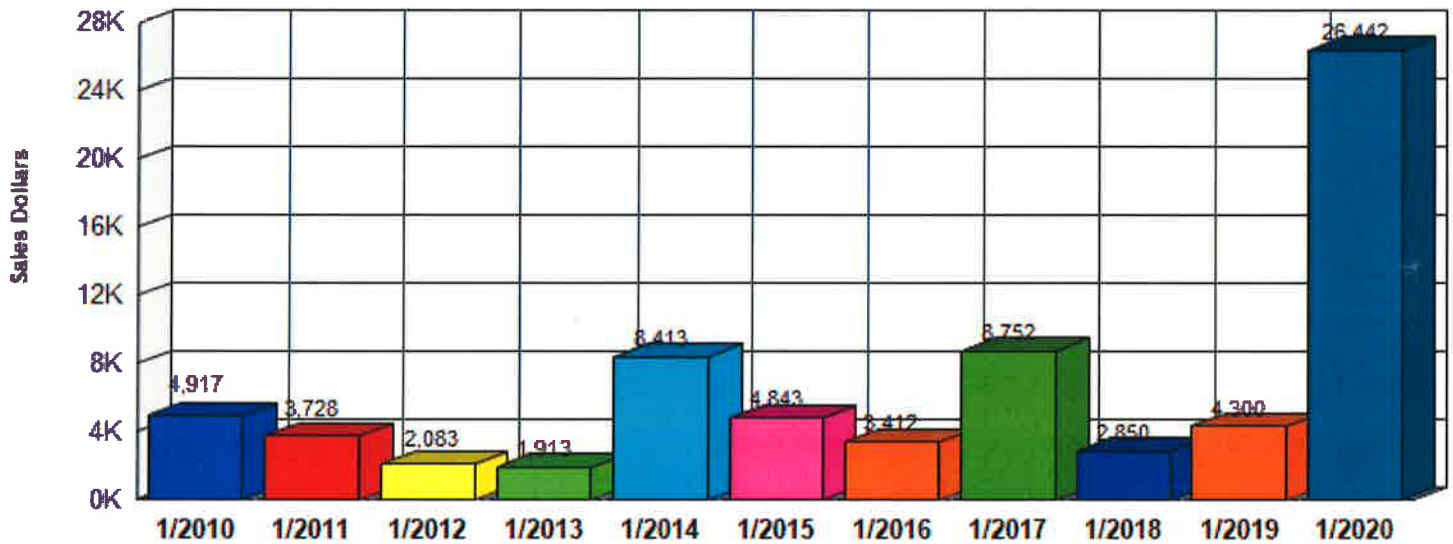
Phone - 616-897-5929 Fax - 616- -

Sales By Selected Month For The Month Of January

Report Date: 02/06/2020

<u>Month & Year</u>	<u>Avg. RO</u>	<u>Car Count</u>	<u>Sales Amount</u>	<u>Avg. Labor</u>	<u>Total Labor</u>	<u>Avg. Parts</u>	<u>Total Parts</u>
1/2010	702.47	7	4,917.29	475.71	3,330.00	202.97	1,420.79
1/2011	248.54	15	3,728.08	151.60	2,274.00	91.66	1,374.88
1/2012	189.40	11	2,083.35	121.91	1,341.00	62.21	684.30
1/2013	273.29	7	1,913.05	159.57	1,117.00	106.17	743.20
1/2014	467.38	18	8,412.76	356.40	6,415.19	102.09	1,837.67
1/2015	440.29	11	4,843.23	276.64	3,043.00	157.15	1,728.68
1/2016	682.38	5	3,411.92	378.00	1,890.00	295.68	1,478.42
1/2017	486.20	18	8,751.67	359.03	6,462.50	119.39	2,149.04
1/2018	203.59	14	2,850.25	108.43	1,518.00	90.28	1,263.85
1/2019	477.72	9	4,299.50	441.29	3,971.58	28.69	258.22
1/2020	2,403.80	11	26,441.84	2,356.65	25,923.10	35.99	395.85

Totals:		126	71,652.94		\$57,285.37		\$13,334.90
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Note: Labor and Part columns do not include Shop Supplies or Hazmat

Dept. of Public Works, City of Lowell

217 S. Hudson

Lowell, MI 49331

Phone: 616-897-5929 Fax: 616- -

Posted Totals by Invoice Number

Report Date: 02/06/2020

Period From: 01/01/2020 To: 01/31/2020

Invoice Number	Date	Name	Tax	Total	Balance Due
001531	01/01/2020	Equipment	0.00	514.94	157.50
001532	01/01/2020	Equipment	0.00	23,049.87	157.50
001534	01/09/2020	Police	0.00	77.81	1,293.79
001535	01/10/2020	Equipment	0.00	315.00	157.50
001536	01/07/2020	Equipment	0.00	486.11	157.50
001537	01/17/2020	Equipment	0.00	14.82	157.50
001538	01/14/2020	Equipment	0.00	746.16	157.50
001539	01/20/2020	Water Distribution	0.00	72.87	338.14
001540	01/24/2020	Equipment	0.00	338.43	157.50
001541	01/21/2020	Equipment	0.00	591.06	157.50
001542	01/22/2020	Equipment	0.00	234.77	157.50
Grand Totals:			0.00	26,441.84	3,049.43
Number of Invoices:		11	* - Indicates a Counter Sale		
Averages:				\$2,403.80	277.22



Lowell Area Fire and
Emergency Services Authority
Lowell Area Fire Department
315 S. Hudson St. Lowell, MI 49331
616-897-7354

Wednesday, February 05, 2020

Fire Authority Board:

We responded to 61 total incidents for the month of January.

We have requested a quote for window replacement in the training room.

We have not had any confirmation on the cause of the house explosion as of yet. We did participate in a joint, all day investigation with many investigators. Evidence was collected and taken in for testing.

We met with the county and will start specking the truck this summer. Bids will go out this fall.

We are continuing to work on the punch list provided by the former DPW director regarding our station needs. LED lighting is gradually being installed through-out the station

Shannon, Corey and I are reviewing all reports.

Please feel free to contact me at (616) 648-1478 with any questions or concerns.

Respectfully, Ron van Overbeek

Fire Chief, Lowell Area Fire Dept.

Lowell Area Fire Dept.

Lowell, MI

This report was generated on 2/3/2020 12:16:41 PM



Basic Incident Info with Number of Responding Apparatus and Personnel for Date Range

Start Date: 01/01/2020 | End Date: 01/31/2020

DATE	INCIDENT #	ADDRESS	INCIDENT TYPE	SHIFT	ZONE	# APP.	# PERS.
01/01/2020	2020-1		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	2	8
01/01/2020	2020-2		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	2	5
01/01/2020	2020-3		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	2	8
01/01/2020	2020-4		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	1	6
01/02/2020	2020-5		321 - EMS call, excluding vehicle accident with injury		Lowell Township - Lowell Township	2	7
01/03/2020	2020-6		611 - Dispatched & cancelled en route		City of Lowell - City	2	3
01/03/2020	2020-7		321 - EMS call, excluding vehicle accident with injury		Vergennes Township - Vergennes Township	2	9
01/03/2020	2020-8		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	1	5
01/04/2020	2020-9		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	2	3
01/05/2020	2020-10		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	2	5
01/05/2020	2020-11		611 - Dispatched & cancelled en route		City of Lowell - City	1	5
01/05/2020	2020-12		311 - Medical assist, assist EMS crew		Lowell Township - Lowell Township	1	10
01/05/2020	2020-13		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	1	7

Only REVIEWED incidents included.



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DATE	INCIDENT #	ADDRESS	INCIDENT TYPE	SHIFT	ZONE	# APP.	# PERS.
01/06/2020	2020-14		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	2	4
01/06/2020	2020-15		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	1	3
01/06/2020	2020-16		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	1	9
01/07/2020	2020-17		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	2	5
01/07/2020	2020-18		321 - EMS call, excluding vehicle accident with injury		Lowell Township - Lowell Township	1	4
01/09/2020	2020-19		321 - EMS call, excluding vehicle accident with injury		Lowell Township - Lowell Township	2	4
01/09/2020	2020-20		743 - Smoke detector activation, no fire - unintentional		Lowell Township - Lowell Township	1	2
01/10/2020	2020-21		321 - EMS call, excluding vehicle accident with injury		Vergennes Township - Vergennes Township	1	3
01/10/2020	2020-22		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	2	3
01/10/2020	2020-23		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	2	8
01/11/2020	2020-24		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	2	6
01/11/2020	2020-25		611 - Dispatched & cancelled en route		Vergennes Township - Vergennes Township	2	3
01/12/2020	2020-26		321 - EMS call, excluding vehicle accident with injury		Lowell Township - Lowell Township	3	6
01/13/2020	2020-27		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	2	2
01/13/2020	2020-28		322 - Motor vehicle accident with injuries		City of Lowell - City	2	4
01/13/2020	2020-29		611 - Dispatched & cancelled en route		Lowell Township - Lowell Township	1	2
01/13/2020	2020-30		324 - Motor vehicle accident with no injuries.		City of Lowell - City	4	12

Only REVIEWED incidents included.

DATE	INCIDENT #	ADDRESS	INCIDENT TYPE	SHIFT	ZONE	# APP.	# PERS.
01/14/2020	2020-31		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	1	3
01/14/2020	2020-32		600 - Good intent call, other		Lowell Township - Lowell Township	4	9
01/15/2020	2020-33		111 - Building fire		Saranac - Saranac	3	12
01/15/2020	2020-34		322 - Motor vehicle accident with injuries		Lowell Township - Lowell Township	2	7
01/16/2020	2020-35		424 - Carbon monoxide incident		Vergennes Township - Vergennes Township	3	12
01/17/2020	2020-36		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	1	6
01/17/2020	2020-37		730 - System malfunction, other		City of Lowell - City	1	4
01/17/2020	2020-38		733 - Smoke detector activation due to malfunction		City of Lowell - City	2	10
01/17/2020	2020-39		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	2	11
01/17/2020	2020-40		611 - Dispatched & cancelled en route		Lowell Township - Lowell Township	2	17
01/18/2020	2020-41		321 - EMS call, excluding vehicle accident with injury		Vergennes Township - Vergennes Township	2	5
01/18/2020	2020-42		321 - EMS call, excluding vehicle accident with injury		Vergennes Township - Vergennes Township	2	7
01/18/2020	2020-43		311 - Medical assist, assist EMS crew		City of Lowell - City	1	8
01/18/2020	2020-44		611 - Dispatched & cancelled en route		Lowell Township - Lowell Township	2	8
01/19/2020	2020-45		311 - Medical assist, assist EMS crew		City of Lowell - City	1	7
01/20/2020	2020-46		321 - EMS call, excluding vehicle accident with injury		Lowell Township - Lowell Township	2	5
01/20/2020	2020-47		321 - EMS call, excluding vehicle accident with injury		Lowell Township - Lowell Township	3	7
01/20/2020	2020-48		131 - Passenger vehicle fire		Lowell Township - Lowell Township	2	9

Only REVIEWED incidents included.

DATE	INCIDENT #	ADDRESS	INCIDENT TYPE	SHIFT	ZONE	# APP.	# PERS.
01/23/2020	2020-49		321 - EMS call, excluding vehicle accident with injury		Vergennes Township - Vergennes Township	2	8
01/24/2020	2020-50		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	2	3
01/24/2020	2020-51		611 - Dispatched & cancelled en route		Vergennes Township - Vergennes Township	1	2
01/25/2020	2020-52		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	1	7
01/25/2020	2020-53		321 - EMS call, excluding vehicle accident with injury		Lowell Township - Lowell Township	2	5
01/27/2020	2020-54		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	1	7
01/27/2020	2020-55		321 - EMS call, excluding vehicle accident with injury		Lowell Township - Lowell Township	1	5
01/29/2020	2020-56		321 - EMS call, excluding vehicle accident with injury		Lowell Township - Lowell Township	1	7
01/29/2020	2020-57		321 - EMS call, excluding vehicle accident with injury		Lowell Township - Lowell Township	1	6
01/29/2020	2020-58		321 - EMS call, excluding vehicle accident with injury		Lowell Township - Lowell Township	3	10
01/30/2020	2020-59		321 - EMS call, excluding vehicle accident with injury		City of Lowell - City	1	6
01/31/2020	2020-60		321 - EMS call, excluding vehicle accident with injury		Lowell Township - Lowell Township	3	5
01/31/2020	2020-61		611 - Dispatched & cancelled en route		Vergennes Township - Vergennes Township	1	6

TOTAL # INCIDENTS: 61

Only REVIEWED incidents included.

Lowell Area Fire Dept.

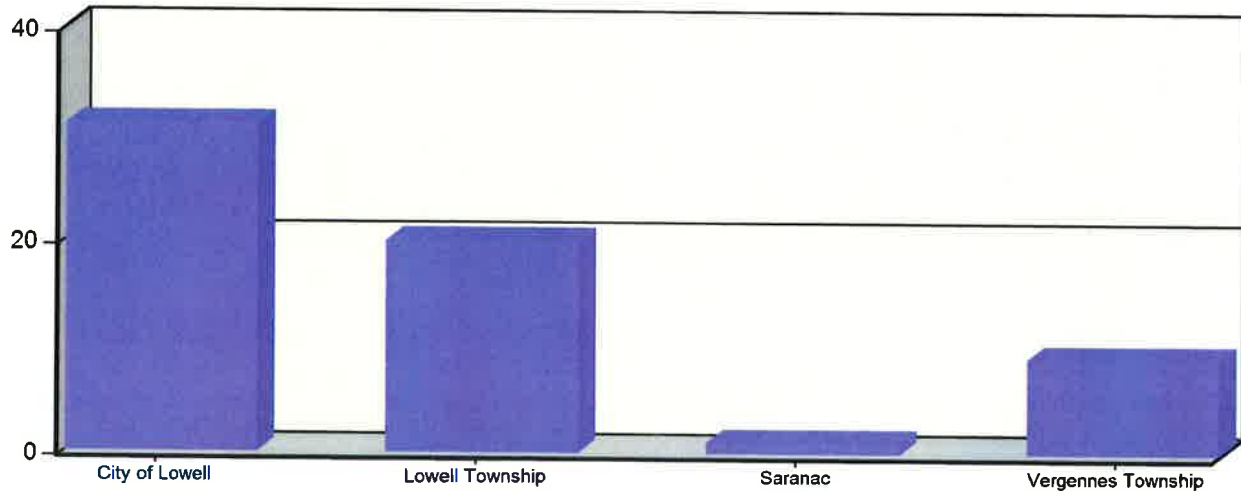
Lowell, MI

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Incident Count per Zone for Date Range

Start Date: 01/01/2020 | End Date: 01/31/2020



ZONE	# INCIDENTS
City of Lowell - City	31
Lowell Township - Lowell Township	20
Saranac - Saranac	1
Vergennes Township - Vergennes Township	9

TOTAL: 61

Zone information is defined on the Basic Info 3 screen of an incident. Only REVIEWED incidents included. Archived Zones cannot be unarchived.



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Doc Id: 270

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Lowell Area Fire Dept.

Lowell, MI

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Incident Count per User-Defined Fields for Date Range

Start Date: 01/01/2020 | End Date: 01/31/2020

ANSWERS	# INCIDENTS
USER-DEFINED FIELD: SCBA (Required)	
0	59
1	1
5	1

USER-DEFINED FIELD: Hose 1.5 inch Feet used (Required)	
0	61

USER-DEFINED FIELD: Hose 3 inch Feet used (Required)	
0	61

USER-DEFINED FIELD: Hose 5 inch feet used (Required)	
0	61

USER-DEFINED FIELD: Hand Tools Used (Required)	
0	59
2 four gas monitors, two fans.	1
3	1

USER-DEFINED FIELD: Rescue Tools Used (Required)	
0	61

USER-DEFINED FIELD: Water used (gal) (Required)	
0	61

USER-DEFINED FIELD: LUCAS (Required)	
NO	60
Yes	1

Only User-Defined values selected in the CUSTOM field of an incident included. Only REVIEWED incidents included in count.

Lowell Area Fire Dept.

Lowell, MI

This report was generated on 2/3/2020 12:16:08 PM



Incident Count with Man-Hours per Zone for Date Range

Start Date: 01/01/2020 | End Date: 01/31/2020

ZONE	INCIDENT COUNT	MAN-HOURS
City of Lowell - City	31	36:48
Lowell Township - Lowell Township	20	27:35
Saranac - Saranac	1	2:03
Vergennes Township - Vergennes Township	9	19:11
TOTAL	61	85:37

NOTE that this report takes into consideration ONLY those Personnel that are associated with an Apparatus, and that only Reviewed incidents are included in the counts.



**EMERGENCY
REPORTING**

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CITY OF LOWELL
REPORT FOR : JANUARY
FOR: Michael Burns

DRINKING WATER TREATMENT AND FILTRATION PLANT

A TOTAL OF: 16.99061 MILLION GALLONS OF RAW WATER WAS TREATED FOR THE
MONTH OF: JANUARY TOTAL PUMPING TIME, TREATMENT AND THE DISTRIBUTION
OF THE FINISHED WATER TO THE SYSTEM REQUIRED 267.93 HOURS, WHICH RESULTED IN
368.5 MAN HOURS FOR THE OPERATION.

CHEMICAL COST PER MILLION GALLONS: \$ 133.89

ELECTRICAL COST PER MILLION GALLONS: \$ 306.24

TOTAL COST PER MILLION GALLONS: \$ 440.13

WATER PRODUCTION

DAILY AVERAGE: 0.548 MILLION GALLONS

DAILY MAXIMUM: 0.731 MILLION GALLONS

DAILY MINIMUM: 0.469 MILLION GALLONS

THE AVERAGE PLANT OPERATION TIME WAS 8.643 HOURS PER DAY.

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 101 - GENERAL FUND						
Revenues						
TAXES	TAXES	2,082,750.79	1,828,842.76	68,102.96	253,908.03	87.81
STATE	STATE GRANTS	415,009.00	147,254.25	0.00	267,754.75	35.48
LICPER	LICENSES AND PERMITS	42,300.00	22,519.55	200.00	19,780.45	53.24
CHARGES	CHARGES FOR SERVICES	360,733.00	25,868.99	3,987.17	334,864.01	7.17
INT	INTEREST AND RENTS	8,100.00	14,884.85	9,105.66	(6,784.85)	183.76
OTHER	OTHER REVENUE	13,150.00	11,579.31	3,812.93	1,570.69	88.06
TRANSIN	TRANSFERS IN	303,382.00	321,766.00	321,766.00	(18,384.00)	106.06
FINES	FINES AND FORFEITURES	9,500.00	4,104.75	1,422.00	5,395.25	43.21
LOCAL	LOCAL CONTRIBUTIONS	11,108.00	9,716.45	750.00	1,391.55	87.47
TOTAL REVENUES		3,246,032.79	2,386,536.91	409,146.72	859,495.88	73.52
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
101	COUNCIL	21,675.00	13,830.57	64.87	7,844.43	63.81
172	MANAGER	135,807.79	106,716.24	15,019.34	29,091.55	78.58
191	ELECTIONS	15,525.00	3,654.16	0.00	11,870.84	23.54
209	ASSESSOR	60,600.00	30,567.38	5,767.51	30,032.62	50.44
210	ATTORNEY	60,000.00	49,289.95	6,364.00	10,710.05	82.15
215	CLERK	130,930.47	71,487.99	11,617.61	59,442.48	54.60
253	TREASURER	225,789.26	149,770.95	52,284.80	76,018.31	66.33
265	CITY HALL	148,663.83	79,411.73	18,355.84	69,252.10	53.42
276	CEMETERY	128,196.54	70,076.42	4,928.16	58,120.12	54.66
294	UNALLOCATED MISCELLANEOUS	5,000.00	4,335.03	(109,934.00)	664.97	86.70
301	POLICE DEPARTMENT	744,687.81	446,540.86	88,219.21	298,146.95	59.96
305	CODE ENFORCEMENT	113,016.55	51,113.51	9,732.44	61,903.04	45.23
336	FIRE	118,155.00	58,998.74	117.92	59,156.26	49.93
371	BUILDING INSPECTION DEPARTMENT	0.00	0.00	0.00	0.00	0.00
400	PLANNING & ZONING	54,986.35	37,630.02	6,714.16	17,356.33	68.44
426	EMERGENCY MANAGEMENT	0.00	0.00	0.00	0.00	0.00
441	DEPARTMENT OF PUBLIC WORKS	341,640.96	123,567.03	27,808.33	218,073.93	36.17
442	SIDEWALK	3,788.58	854.33	288.36	2,934.25	22.55
443	ARBOR BOARD	0.00	0.00	0.00	0.00	0.00
523	TRASH	0.00	0.00	0.00	0.00	0.00
651	AMBULANCE	0.00	0.00	0.00	0.00	0.00
672	SENIOR CITIZEN CONTRIBUTION	0.00	0.00	0.00	0.00	0.00
728	ECONOMIC DEVELOPMENT	1,100.00	0.00	0.00	1,100.00	0.00
747	CHAMBER/RIVERWALK	4,000.00	1,783.19	404.31	2,216.81	44.58
751	PARKS	157,832.42	87,218.14	10,392.67	70,614.28	55.26
757	SHOWBOAT	0.00	303.17	47.15	(303.17)	100.00
758	DOG PARK	0.00	0.00	0.00	0.00	0.00
774	RECREATION CONTRIBUTIONS	5,000.00	5,000.00	0.00	0.00	100.00
790	LIBRARY	78,874.24	41,262.90	8,553.36	37,611.34	52.31
803	HISTORICAL DISTRICT COMMISSION	0.00	181.24	1.24	(181.24)	100.00
804	MUSEUM	49,166.45	35,530.21	3,652.12	13,636.24	72.27
906	DEBT SERVICE	0.00	0.00	0.00	0.00	0.00
965	TRANSFERS OUT	538,382.00	0.00	0.00	538,382.00	0.00
TOTAL EXPENDITURES		3,142,818.25	1,469,123.76	160,399.40	1,673,694.49	46.75
TOTAL REVENUES		3,246,032.79	2,386,536.91	409,146.72	859,495.88	73.52
TOTAL EXPENDITURES		3,142,818.25	1,469,123.76	160,399.40	1,673,694.49	46.75
NET OF REVENUES & EXPENDITURES		103,214.54	917,413.15	248,747.32	(814,198.61)	888.84

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 202 - MAJOR STREET FUND						
Revenues						
STATE	STATE GRANTS	0.00	0.00	0.00	0.00	0.00
INT	INTEREST AND RENTS	1,500.00	3,037.13	1,743.47	(1,537.13)	202.48
OTHER	OTHER REVENUE	345,284.00	132,104.80	23,310.08	213,179.20	38.26
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
FED	FEDERAL GRANTS	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		346,784.00	135,141.93	25,053.55	211,642.07	38.97
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
450	CAPITAL OUTLAY	7,500.00	6,713.59	3,684.32	786.41	89.51
463	MAINTENANCE	55,811.76	19,942.30	815.90	35,869.46	35.73
474	TRAFFIC	9,459.29	5,920.62	238.15	3,538.67	62.59
478	WINTER MAINTENANCE	59,941.61	26,487.96	13,839.58	33,453.65	44.19
483	ADMINISTRATION	16,944.00	4,591.93	2,716.50	12,352.07	27.10
906	DEBT SERVICE	0.00	0.00	0.00	0.00	0.00
965	TRANSFERS OUT	0.00	0.00	0.00	0.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		149,656.66	63,656.40	21,294.45	86,000.26	42.53
TOTAL REVENUES		346,784.00	135,141.93	25,053.55	211,642.07	38.97
TOTAL EXPENDITURES		149,656.66	63,656.40	21,294.45	86,000.26	42.53
NET OF REVENUES & EXPENDITURES		197,127.34	71,485.53	3,759.10	125,641.81	36.26

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 203 - LOCAL STREET FUND						
Revenues						
STATE	STATE GRANTS	0.00	0.00	0.00	0.00	0.00
CHARGES	CHARGES FOR SERVICES	0.00	0.00	0.00	0.00	0.00
INT	INTEREST AND RENTS	700.00	1,114.84	570.27	(414.84)	159.26
OTHER	OTHER REVENUE	148,602.00	49,964.51	8,888.39	98,637.49	33.62
TRANSIN	TRANSFERS IN	175,000.00	0.00	0.00	175,000.00	0.00
LOCAL	LOCAL CONTRIBUTIONS	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		324,302.00	51,079.35	9,458.66	273,222.65	15.75
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
450	CAPITAL OUTLAY	125,500.00	3,701.88	1,897.99	121,798.12	2.95
463	MAINTENANCE	84,685.22	56,857.24	3,331.71	27,827.98	67.14
474	TRAFFIC	11,090.31	10,865.59	1,055.37	224.72	97.97
478	WINTER MAINTENANCE	80,830.73	38,536.00	16,941.24	42,294.73	47.67
483	ADMINISTRATION	20,662.00	5,509.93	3,634.50	15,152.07	26.67
906	DEBT SERVICE	25,531.00	25,531.25	0.00	(0.25)	100.00
965	TRANSFERS OUT	0.00	0.00	0.00	0.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		348,299.26	141,001.89	26,860.81	207,297.37	40.48
TOTAL REVENUES		324,302.00	51,079.35	9,458.66	273,222.65	15.75
TOTAL EXPENDITURES		348,299.26	141,001.89	26,860.81	207,297.37	40.48
NET OF REVENUES & EXPENDITURES		(23,997.26)	(89,922.54)	(17,402.15)	65,925.28	374.72

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 238 - HISTORICAL DISTRICT FUND						
Revenues						
INT	INTEREST AND RENTS	0.00	152.09	119.06	(152.09)	100.00
OTHER	OTHER REVENUE	50,000.00	25,000.00	0.00	25,000.00	50.00
TOTAL REVENUES		50,000.00	25,152.09	119.06	24,847.91	50.30
Expenditures						
000		50,000.00	5,058.00	0.00	44,942.00	10.12
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		50,000.00	5,058.00	0.00	44,942.00	10.12
TOTAL REVENUES		50,000.00	25,152.09	119.06	24,847.91	50.30
TOTAL EXPENDITURES		50,000.00	5,058.00	0.00	44,942.00	10.12
NET OF REVENUES & EXPENDITURES		0.00	20,094.09	119.06	(20,094.09)	100.00

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 248 - DOWNTOWN DEVELOPMENT AUTHORITY						
Revenues						
TAXES	TAXES	545,794.00	540,644.32	63,700.00	5,149.68	99.06
STATE	STATE GRANTS	0.00	0.00	0.00	0.00	0.00
INT	INTEREST AND RENTS	2,700.00	5,501.34	3,004.29	(2,801.34)	203.75
OTHER	OTHER REVENUE	0.00	165,000.00	165,000.00	(165,000.00)	100.00
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		548,494.00	711,145.66	231,704.29	(162,651.66)	129.65
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
450	CAPITAL OUTLAY	210,000.00	245,698.95	244,457.39	(35,698.95)	117.00
463	MAINTENANCE	112,304.09	40,696.92	(2,434.31)	71,607.17	36.24
483	ADMINISTRATION	61,761.10	28,221.53	5,229.51	33,539.57	45.69
740	COMMUNITY PROMOTIONS	85,000.00	52,192.17	66.15	32,807.83	61.40
906	DEBT SERVICE	0.00	0.00	0.00	0.00	0.00
965	TRANSFERS OUT	320,722.00	303,382.00	303,382.00	17,340.00	94.59
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		789,787.19	670,191.57	550,700.74	119,595.62	84.86
TOTAL REVENUES		548,494.00	711,145.66	231,704.29	(162,651.66)	129.65
TOTAL EXPENDITURES		789,787.19	670,191.57	550,700.74	119,595.62	84.86
NET OF REVENUES & EXPENDITURES		(241,293.19)	40,954.09	(318,996.45)	(282,247.28)	16.97

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 249 - BUILDING INSPECTION FUND						
Revenues						
CHARGES	CHARGES FOR SERVICES	90,000.00	18,031.00	2,384.00	71,969.00	20.03
INT	INTEREST AND RENTS	0.00	0.00	0.00	0.00	0.00
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		90,000.00	18,031.00	2,384.00	71,969.00	20.03
Expenditures						
371	BUILDING INSPECTION DEPARTMENT	90,000.00	12,571.20	4,540.50	77,428.80	13.97
TOTAL EXPENDITURES		90,000.00	12,571.20	4,540.50	77,428.80	13.97
TOTAL REVENUES		90,000.00	18,031.00	2,384.00	71,969.00	20.03
TOTAL EXPENDITURES		90,000.00	12,571.20	4,540.50	77,428.80	13.97
NET OF REVENUES & EXPENDITURES		0.00	5,459.80	(2,156.50)	(5,459.80)	100.00

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 260 - DESIGNATED CONTRIBUTIONS						
Revenues						
STATE	STATE GRANTS	582,000.00	0.00	0.00	582,000.00	0.00
CHARGES	CHARGES FOR SERVICES	0.00	0.00	0.00	0.00	0.00
INT	INTEREST AND RENTS	1,500.00	4,686.53	2,420.59	(3,186.53)	312.44
OTHER	OTHER REVENUE	0.00	5,793.00	5,000.00	(5,793.00)	100.00
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
LOCAL	LOCAL CONTRIBUTIONS	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		583,500.00	10,479.53	7,420.59	573,020.47	1.80
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
265	CITY HALL	0.00	0.00	0.00	0.00	0.00
276	CEMETERY	0.00	179.91	0.00	(179.91)	100.00
301	POLICE DEPARTMENT	0.00	0.00	0.00	0.00	0.00
442	SIDEWALK	0.00	0.00	0.00	0.00	0.00
443	ARBOR BOARD	0.00	0.00	0.00	0.00	0.00
474	TRAFFIC	0.00	23,257.30	0.00	(23,257.30)	100.00
751	PARKS	582,000.00	194,756.57	80,928.60	387,243.43	33.46
758	DOG PARK	1,500.00	388.26	53.93	1,111.74	25.88
759	COMMUNITY GARDEN	0.00	409.40	0.00	(409.40)	100.00
790	LIBRARY	0.00	15,300.00	15,300.00	(15,300.00)	100.00
TOTAL EXPENDITURES		583,500.00	234,291.44	96,282.53	349,208.56	40.15
TOTAL REVENUES		583,500.00	10,479.53	7,420.59	573,020.47	1.80
TOTAL EXPENDITURES		583,500.00	234,291.44	96,282.53	349,208.56	40.15
NET OF REVENUES & EXPENDITURES		0.00	(223,811.91)	(88,861.94)	223,811.91	100.00

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 581 - AIRPORT FUND						
Revenues						
CHARGES	CHARGES FOR SERVICES	12,716.00	14,730.54	998.46	(2,014.54)	115.84
INT	INTEREST AND RENTS	55,200.00	29,411.02	13,007.13	25,788.98	53.28
OTHER	OTHER REVENUE	0.00	75.00	75.00	(75.00)	100.00
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		67,916.00	44,216.56	14,080.59	23,699.44	65.10
Expenditures						
000		74,000.00	40,006.33	10,199.55	33,993.67	54.06
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		74,000.00	40,006.33	10,199.55	33,993.67	54.06
TOTAL REVENUES		67,916.00	44,216.56	14,080.59	23,699.44	65.10
TOTAL EXPENDITURES		74,000.00	40,006.33	10,199.55	33,993.67	54.06
NET OF REVENUES & EXPENDITURES		(6,084.00)	4,210.23	3,881.04	(10,294.23)	69.20

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 590 - WASTEWATER FUND						
Revenues						
STATE	STATE GRANTS	0.00	0.00	0.00	0.00	0.00
CHARGES	CHARGES FOR SERVICES	1,200,983.00	653,222.64	86,362.25	547,760.36	54.39
INT	INTEREST AND RENTS	7,000.00	12,041.55	7,085.91	(5,041.55)	172.02
OTHER	OTHER REVENUE	57,810.00	3,281.05	0.00	54,528.95	5.68
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
LOCAL	LOCAL CONTRIBUTIONS	0.00	0.00	0.00	0.00	0.00
FED	FEDERAL GRANTS	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		1,265,793.00	668,545.24	93,448.16	597,247.76	52.82
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
550	TREATMENT	815,895.50	520,398.36	83,535.50	295,497.14	63.78
551	COLLECTION	248,549.76	60,270.79	8,381.14	188,278.97	24.25
552	CUSTOMER ACCOUNTS	82,700.25	55,459.45	26,533.18	27,240.80	67.06
553	ADMINISTRATION	392,291.50	117,509.50	1,498.50	274,782.00	29.95
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		1,539,437.01	753,638.10	119,948.32	785,798.91	48.96
TOTAL REVENUES		1,265,793.00	668,545.24	93,448.16	597,247.76	52.82
TOTAL EXPENDITURES		1,539,437.01	753,638.10	119,948.32	785,798.91	48.96
NET OF REVENUES & EXPENDITURES		(273,644.01)	(85,092.86)	(26,500.16)	(188,551.15)	31.10

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 591 - WATER FUND						
Revenues						
CHARGES	CHARGES FOR SERVICES	1,202,583.00	614,073.61	90,073.31	588,509.39	51.06
INT	INTEREST AND RENTS	17,040.00	13,446.20	6,743.72	3,593.80	78.91
OTHER	OTHER REVENUE	10,000.00	4,833.80	161.24	5,166.20	48.34
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		1,229,623.00	632,353.61	96,978.27	597,269.39	51.43
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
552	CUSTOMER ACCOUNTS	0.00	0.00	0.00	0.00	0.00
570	TREATMENT	447,124.10	215,908.79	35,746.98	231,215.31	48.29
571	DISTRIBUTION	489,996.27	165,967.18	21,193.44	324,029.09	33.87
572	CUSTOMER ACCOUNTS	88,668.25	58,832.84	30,001.05	29,835.41	66.35
573	ADMINISTRATION	350,056.50	65,238.25	14,480.00	284,818.25	18.64
906	DEBT SERVICE	0.00	0.00	0.00	0.00	0.00
965	TRANSFERS OUT	0.00	0.00	0.00	0.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		1,375,845.12	505,947.06	101,421.47	869,898.06	36.77
TOTAL REVENUES		1,229,623.00	632,353.61	96,978.27	597,269.39	51.43
TOTAL EXPENDITURES		1,375,845.12	505,947.06	101,421.47	869,898.06	36.77
NET OF REVENUES & EXPENDITURES		(146,222.12)	126,406.55	(4,443.20)	(272,628.67)	86.45

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 636 - DATA PROCESSING FUND						
Revenues						
INT	INTEREST AND RENTS	80,274.00	80,282.60	80,274.00	(8.60)	100.01
OTHER	OTHER REVENUE	0.00	344.98	344.98	(344.98)	100.00
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		80,274.00	80,627.58	80,618.98	(353.58)	100.44
Expenditures						
000		73,300.00	48,780.45	7,788.35	24,519.55	66.55
965	TRANSFERS OUT	0.00	0.00	0.00	0.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		73,300.00	48,780.45	7,788.35	24,519.55	66.55
TOTAL REVENUES		80,274.00	80,627.58	80,618.98	(353.58)	100.44
TOTAL EXPENDITURES		73,300.00	48,780.45	7,788.35	24,519.55	66.55
NET OF REVENUES & EXPENDITURES		6,974.00	31,847.13	72,830.63	(24,873.13)	456.66

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 661 - EQUIPMENT FUND						
Revenues						
CHARGES	CHARGES FOR SERVICES	208,625.00	116,735.60	21,821.33	91,889.40	55.95
INT	INTEREST AND RENTS	500.00	816.48	352.91	(316.48)	163.30
OTHER	OTHER REVENUE	0.00	584.95	0.00	(584.95)	100.00
TRANSIN	TRANSFERS IN	71,878.46	0.00	0.00	71,878.46	0.00
TOTAL REVENUES		281,003.46	118,137.03	22,174.24	162,866.43	42.04
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
895	FLEET MAINT. & REPLACEMENT	439,863.85	147,782.07	52,894.79	292,081.78	33.60
965	TRANSFERS OUT	0.00	0.00	0.00	0.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		439,863.85	147,782.07	52,894.79	292,081.78	33.60
TOTAL REVENUES		281,003.46	118,137.03	22,174.24	162,866.43	42.04
TOTAL EXPENDITURES		439,863.85	147,782.07	52,894.79	292,081.78	33.60
NET OF REVENUES & EXPENDITURES		(158,860.39)	(29,645.04)	(30,720.55)	(129,215.35)	18.66

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 711 - CEMETERY FUND						
Revenues						
CHARGES	CHARGES FOR SERVICES	0.00	5,000.00	0.00	(5,000.00)	100.00
INT	INTEREST AND RENTS	0.00	83.62	49.46	(83.62)	100.00
TOTAL REVENUES		0.00	5,083.62	49.46	(5,083.62)	100.00
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
965	TRANSFERS OUT	0.00	0.00	0.00	0.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		0.00	5,083.62	49.46	(5,083.62)	100.00
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00
NET OF REVENUES & EXPENDITURES		0.00	5,083.62	49.46	(5,083.62)	100.00

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 714 - LEE FUND						
Revenues						
INT	INTEREST AND RENTS	5,000.00	732.45	0.00	4,267.55	14.65
OTHER	OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		5,000.00	732.45	0.00	4,267.55	14.65
Expenditures						
000		5,000.00	0.00	0.00	5,000.00	0.00
965	TRANSFERS OUT	0.00	0.00	0.00	0.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		5,000.00	0.00	0.00	5,000.00	0.00
TOTAL REVENUES		5,000.00	732.45	0.00	4,267.55	14.65
TOTAL EXPENDITURES		5,000.00	0.00	0.00	5,000.00	0.00
NET OF REVENUES & EXPENDITURES		0.00	732.45	0.00	(732.45)	100.00

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 715 - LOOK FUND						
Revenues						
INT	INTEREST AND RENTS	0.00	3,549.89	160.88	(3,549.89)	100.00
OTHER	OTHER REVENUE	20,000.00	10,275.00	0.00	9,725.00	51.38
TOTAL REVENUES		20,000.00	13,824.89	160.88	6,175.11	69.12
Expenditures						
000		20,000.00	40,082.00	33,907.00	(20,082.00)	200.41
965	TRANSFERS OUT	0.00	0.00	0.00	0.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		20,000.00	40,082.00	33,907.00	(20,082.00)	200.41
TOTAL REVENUES		20,000.00	13,824.89	160.88	6,175.11	69.12
TOTAL EXPENDITURES		20,000.00	40,082.00	33,907.00	(20,082.00)	200.41
NET OF REVENUES & EXPENDITURES		0.00	(26,257.11)	(33,746.12)	26,257.11	100.00

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 716 - CARR FUND						
Revenues						
INT	INTEREST AND RENTS	0.00	139.08	77.54	(139.08)	100.00
OTHER	OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		0.00	139.08	77.54	(139.08)	100.00
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		0.00	139.08	77.54	(139.08)	100.00
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00
NET OF REVENUES & EXPENDITURES		0.00	139.08	77.54	(139.08)	100.00

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 717 - PENSION TRUST FUND						
Revenues						
INT	INTEREST AND RENTS	0.00	0.00	0.00	0.00	0.00
OTHER	OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		0.00	0.00	0.00	0.00	0.00
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00
NET OF REVENUES & EXPENDITURES		0.00	0.00	0.00	0.00	0.00

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2020

GL NUMBER	DESCRIPTION	2019-20 AMENDED BUDGET	YTD BALANCE 01/31/2020	ACTIVITY FOR MONTH 01/31/2020	AVAILABLE BALANCE	% BDGT USED
Fund 718 - CARR FUND II						
Revenues						
INT	INTEREST AND RENTS	0.00	11.39	6.41	(11.39)	100.00
OTHER	OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		0.00	11.39	6.41	(11.39)	100.00
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
965	TRANSFERS OUT	0.00	0.00	0.00	0.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		0.00	11.39	6.41	(11.39)	100.00
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00
NET OF REVENUES & EXPENDITURES		0.00	11.39	6.41	(11.39)	100.00
TOTAL REVENUES - ALL FUNDS		8,138,722.25	4,901,237.92	992,881.40	3,237,484.33	60.22
TOTAL EXPENDITURES - ALL FUNDS		8,681,507.34	4,132,130.27	1,186,237.91	4,549,377.07	47.60
NET OF REVENUES & EXPENDITURES		(542,785.09)	769,107.65	(193,356.51)	(1,311,892.74)	141.70

Monthly Operating Report

for the . . .

Contract Operation

of the . . .



Wastewater Treatment Plant

January 2020





February 13, 2020

Mr. Mike Burns
City Manager
City of Lowell
301 East Main Street
Lowell, MI 49331

Dear Mr. Burns:

On behalf of Suez I am pleased to submit the January Monthly Operating Report for the Lowell Wastewater Treatment Plant. During the month 71.38 million gallons of wastewater were treated, up from 51.91 million gallons the month before.

All NPDES Permit requirements were satisfied. Copies of the Monthly Operating Reports for January can be seen in Appendix A. Appendix B contains graphs representing how the actual lab results compared to the limits in the NPDES Permit and how the actual plant flows compared to the design flow.

INDUSTRIAL PRETREATMENT PROGRAM

The Fullers Septic January surcharges were \$25.12. No operational problems were experienced at the plant from this discharge.

The Litehouse January surcharges were \$679.03 for the month. No operational problems were experienced at the plant from their discharge.

MAINTENANCE COST REPORT

Date	Vendor	Cost
1/6	Cummins Bridgeway(1)	\$ 852.45
1/8	Ace Hardware (2)	43.71
1/14	Betten Baker (3)	218.37
Beginning Balance of the Annual Maintenance Allowance (Including carryover \$\$ from FY 18-19)*		\$ 12,089.01*
Maintenance Allowance Spent YTD		\$ 7,003.78
Balance of Maintenance Allowance		\$ 5,085.23

*The maintenance spending for FY 18-19 was under the annual allotment by \$89.01. That amount will be added to the beginning balance on July 1st. That makes the beginning balance \$12,089.01 (\$12,000+89.01).

In addition to the preventive maintenance the following corrective maintenance activities occurred:

- Diagnosed generator operational problems (1)
- Replaced sampler thermometer batteries & repaired sampler piping (2)
- Conducted annual service on plant truck (3)

PROJECTS FOR THE FUTURE

- Continue miscellaneous painting projects
- Conduct annual crane & hoist inspections
- Replace ferrous chloride metering pump
- Replace bathroom vent fan

If you have any questions or would like additional information, please feel free to call me at your convenience.

Respectfully submitted,

SUEZ

A handwritten signature in blue ink, appearing to read "B. Vander Meulen".

Brian Vander Meulen
Plant Manager

JANUARY EFFLUENT ANALYSIS OVERVIEW

The daily average for CBOD was 6 mg/l, 76% under the NPDES limit of 25 mg/l. The worst 7-day average was 7 mg/l, 83% under the NPDES limit of 40 mg/l.

The daily average for Suspended Solids was 5.2 mg/l, 83% under the NPDES limit of 30 mg/l. The worst 7-day average was 7.2 mg/l, 84% under the NPDES limit of 45 mg/l.

The monthly average for Phosphorus was 0.22 mg/l, the limit is 1.0 mg/l.

The average removal rate for BOD was 95%; a minimum of 85% is required. The average removal rate for Suspended Solids was 94%; a minimum of 85% is required.

The geometric average for fecal coliform bacteria was 115 colonies/100 mls, the limit is 200 colonies/100 mls. The worst 7-day average was 208 colonies/100 mls, the limit is 400 colonies/100 mls.

The highest chlorine residual was 0.037 mg/l; the limit is 0.038 mg/l. The monthly average was 0.030 mg/l.

Appendix A



Plant Influent Sheet

State of Michigan
Department of Environmental Quality

Lowell, Michigan

R4607 4/74
4833-6040

Weather Code

- | | |
|------------------|-----------------|
| 1. Clear | 6. Warm |
| 2. Partly Cloudy | 7. Cold |
| 3. Cloudy | 8. Windy |
| 4. Rain | 9. Melting Snow |
| 5. Snow | |

Plant No. Month Year
410049 January 2020

Superintendent's Signature _____
Brian Vander Meulen, Supt.

	WEATHER		FLOW		RAW SEWAGE QUALITY											
D A Y P N S	Type Code	Precip Inches	Total MGD	Peak MGD	Temp F	pH SU	BOD		SS		Total-P		VSS mg/l	NH3-N mg/l	Mercury ng/l	D A Y P N S
	0033	0045	50050	50051	00011	00400	mg/l	LBS	mg/l	LBS	mg/l	LBS	00535	00610	71900	
1	27	0.00	2.22	2.40												1
2	27	0.00	2.39	2.80												2
3	269	0.00	2.32	3.00	54	7.4	91	1761	68	1316			60			3
4	268	0.00	2.32	2.70												4
5	2578	0.05	2.32	2.70												5
6	27	0.00	2.19	2.70	54	7.1	162	2959	112	2046			98			6
7	2578	0.02	2.10	2.50												7
8	27	0.00	2.01	2.50	54	7.3	83	1391	46	771	1.4	23.5	44	5.8	4.6	8
9	27	0.00	1.96	2.30												9
10	348	1.47	1.90	2.40	54	7.4	98	1553	68	1078			48			10
11	34578	0.58	2.37	2.70												11
12	257	0.00	2.67	3.00												12
13	27	0.00	2.73	3.00	53	7.2	60	1366	40	911			36			13
14	27	0.00	2.80	3.20												14
15	278	0.00	2.77	3.20	53	7.3	153	3535	112	2587	0.9	20.8	104	4.6		15
16	3578	0.02	2.78	3.20												16
17	2578	0.61	2.61	3.20	54	7.2	160	3483	100	2177			98			17
18	34578	0.30	2.55	3.00												18
19	27	0.00	2.53	2.90												19
20	257	0.02	2.39	2.80	53	7.3	93	1854	94	1874			86			20
21	27	0.00	2.28	2.90												21
22	27	0.00	2.24	2.70	53	7.3	127	2373	78	1457	1.2	22.4	74	5.6		22
23	347	0.12	2.12	2.60												23
24	347	0.20	1.98	2.70	53	7.3	151	2493	112	1849			88			24
25	3479	0.10	2.06	2.50												25
26	247	0.00	2.16	2.50												26
27	257	0.01	2.16	2.70	53	7.2	195	3513	126	2270			120			27
28	27	0.00	2.19	2.70												28
29	27	0.00	2.14	2.70	53	7.3	148	2641	74	1321	1.6	28.6	72	5.2		29
30	257	0.00	2.15	2.70												30
31	379	0.00	1.97	2.80	53	7.3	144	2366	78	1282			72			31
TL	XXXX	3.50	71.38	XXXX	XXXX	XXXX	XXXX	74608	XXXX	49927	XXXX	738	XXXX	XXXX	XXXX	TL
ME	XXXX	XXXX	2.30	XXXX	53	7.3	128	2407	85	1611	1.3	23.8	77	5.3	XXXX	ME
MAX	XXXX	1.47	2.80	3.20	54	7.4	195	3535	126	2587	1.6	28.6	120	5.8	XXXX	MAX
MIN	XXXX	XXXX	1.90	2.30	53	7.1	60	1366	40	771	0.9	20.8	36	4.6	XXXX	MIN

Activated Sludge Sheet

State of Michigan
Department of Environmental Quality

Lowell, Michigan

PM Code
1. Coventional
2. Step Feed
3. Complete Mix
4. Extended Aeration
5. Contact Stabilization
6. Other

Plant No. 410049
Month January
Year 2020

Superintendent's Signature
Brian Vander Meulen, Supt.

AERATION SYSTEM					MIXED LIQUOR						SECONDARY SLUDGE			Process Modifi- cation see code 80889	D A Y P N S F	REMARKS
D A Y P N S F	Aeration Volume KCF 80993	Detention Time Hours 81001	Sludge Age Days 80990	Organic Loading F/M 80992	MLSS mg/l 70323	MLVSS mg/l 70324	Settle. % 81004	SDI % 81007	DO mg/l 00300	SVI % 8100	SS % 81006	VSS % 70325	Waste Kgal 80991			
1	192	15.5											0.0	4	1	
2		14.4											0.0		2	
3		14.9	8.6	0.10	1892	1467	17	1.11	3.9	90	0.38	0.29	0.0		3	
4		14.9											0.0		4	
5		14.9											0.0		5	
6		15.7	6.0	0.16	2045	1567	20	1.02	5.1	98	0.42	0.32	0.0		6	
7		16.4											0.0		7	
8		17.1	16.0	0.07	2065	1568	22	0.94	4.8	107	0.40	0.30	0.0		8	
9		17.6											0.0		9	
10		18.1	12.4	0.11	2227	1231	25	0.89	4.4	112	0.43	0.38	0.0		10	
11		14.5											0.0		11	
12		12.9											0.0		12	
13		12.6	17.3	0.06	2637	2010	38	0.69	4.1	144	0.55	0.42	0.0		13	
14		12.3											0.0		14	
15		12.4	6.7	0.13	2876	2213	32	0.90	4.1	111	0.55	0.42	0.0		15	
16		12.4											2.3		16	
17		13.2	9.4	0.11	3403	2610	46	0.74	5.1	135	0.66	0.50	2.2		17	
18		13.5											0.0		18	
19		13.6											0.0		19	
20		14.4	11.7	0.06	3671	2807	28	1.31	5.5	76	0.63	0.48	65.8		20	
21		15.1											18.4		21	
22		15.4	7.8	0.14	1886	1447	14	1.35	5.5	74	0.42	0.33	0.0		22	
23		16.3											0.0		23	
24		17.4	5.8	0.15	1781	1392	14	1.27	4.7	79	0.38	0.30	0.0		24	
25		16.7											0.0		25	
26		16.0											0.0		26	
27		16.0	5.9	0.20	2249	1488	16	1.41	5.5	71	0.31	0.24	0.0		27	
28		15.7											0.0		28	
29		16.1	13.7	0.09	3032	2352	22	1.38	5.0	73	0.56	0.44	0.0		29	
30		16.0											0.0		30	
31		17.5	17.5	0.07	3735	2932	29	1.29	4.2	78	0.65	0.50	16.9		31	
TL	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	105.6	XXXX	TL	
ME	192	15.2	10.7	0.11	2577	1930	25	1.10	4.8	96	0.49	0.38	3.4	XXXX	ME	
MAX	XXXX	18.1	17.5	0.20	3735	2932	46	1.41	5.5	144	0.66	0.50	65.8	XXXX	MAX	
MIN	XXXX	12.3	5.8	0.06	1781	1231	14	0.69	3.9	71	0.31	0.24	XXXX	XXXX	MIN	

Remarks:

4833-5034
R4609 4/74

Final Effluent Sheet

State of Michigan
Department of Environmental Quality

Lowell, Michigan

	Fecal	Total
MF	31616	31504
MPW	31615	31505

Plant No. 410049
Month January
Year 2020
Sampling Point Code 001

Superintendent's Signature
Brian Vander Meulen, Supt.

R 4610 4/74
4833-5468

D A Y P N S F	CBOD			SS			Total - P			VSS	pH	DO	F.Coli	NH3	Cl2	Mercury	D A Y P N S F
	mg/l	LBS.	% Rem	mg/l	LBS.	% Rem	mg/l	LBS.	% Rem	mg/l	SU	mg/l	#/100ml	mg/l	mg/l	ng/l	
	80082	85001	80091	00530	85002	81011	00665	85004	81012	00535	00400	00300	31616	00610	50060	71900	
1																	1
2																	2
3	4	77	96	3.6	70	95				3.2	7.1	10.8	250		0.011		3
4																	4
5																	5
6	6	110	96	4.8	88	96				4.4	7.1	10.0	119		0.024		6
7																	7
8	3	50	96	1.2	20	97	0.23	3.86	84	0.8	7.2	10.8	89	0.08	0.034	0.34	8
9																	9
10	8	127	92	6.0	95	91				2.4	7.2	10.6	66		0.031		10
11																	11
12																	12
13	4	91	93	2.0	46	95				1.6	7.2	9.9	111		<0.001		13
14																	14
15	6	139	96	5.2	120	95	0.21	4.85	77	4.8	7.4	10.1	156	0.05	<0.001		15
16																	16
17	3	65	98	8.8	192	91				6.4	7.3	10.3	520		<0.001		17
18																	18
19																	19
20	5	100	95	6.8	136	93				5.2	7.4	11.0	74		0.033		20
21																	21
22	10	187	92	6.0	112	92	0.22	4.11	82	5.6	7.3	10.6	42	0.05	0.027		22
23																	23
24	5	83	97	7.2	119	94				3.2	7.2	10.3	52		0.037		24
25																	25
26																	26
27	5	90	97	4.8	86	96				4.4	7.2	10.6	42		0.035		27
28																	28
29	6	107	96	4.0	71	95	0.20	3.57	88	3.2	7.2	10.3	600	0.11	<0.001		29
30																	30
31	10	164	93	7.2	118	91				5.6	7.2	10.0	91		0.036		31
TL	XXXX	3313	XXXX	XXXX	3034	XXXX	XXXX	127.0	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	TL
ME	6	107	95	5.2	98	94	0.22	4.10	82	3.9	7.2	10.4	115	0.07	0.030	XXXX	ME
WA	7	123	94	7.2	149	92	XXXX	XXXX	XXXX	5.7	7.4	10.1	208	0.11	#DIV/0!	XXXX	WA
MAX	10	187	98	8.8	192	97	0.23	4.85	88	6.4	7.4	11.0	600	0.11	0.037	XXXX	MAX
MIN	3	50	92	1.2	20	91	0.20	3.57	77	0.8	7.1	9.9	42	0.05	0.011	XXXX	MIN

Remarks: Fecal Coli for January are actually "Greater Than"
Cl2 Residuals for January 13,15,17,29 are actually "Less Than"

State of Michigan
Department of Environmental Quality

Miscellaneous Sheet

21

Lowell, Michigan

R 4607 4/74
4833-6040

Plant No. Month Year
410049 January 2020

Superintendent's Signature _____
Brian Vander Meulen, Supt.

Grit		Aux Fuel	Power Consumption	Chemicals Applied		
D A Y P N S F		Nat. Gas		CL2	FeCL2	
	CF	CF	KWH	LBS	GAL	
		2	3			
1	1	21	1.4	10	45	
2	1	16	1.8	9	45	
3	1	14	1.6	10	40	
4	1	2	1.6	10	50	
5	1	18	1.8	10	40	
6	1	26	1.6	8	45	
7	1	30	1.8	10	40	
8	1	30	1.6	10	45	
9	1	24	1.6	10	45	
10	1	10	1.6	12	45	
11	1	13	1.6	10	45	
12	1	17	1.8	10	40	
13	1	27	1.8	10	45	
14	1	21	1.8	12	45	
15	1	20	1.8	10	40	
16	1	30	2.8	12	30	
17	1	23	2.8	10	45	
18	1	19	2.6	10	40	
19	1	28	2.8	10	45	
20	1	34	2.0	12	40	
21	1	31	2.0	12	30	
22	1	24	1.8	7	30	
23	1	19	1.6	11	30	
24	1	16	1.6	28	30	
25	1	11	1.8	10	35	
26	1	17	1.8	12	30	
27	1	24	1.6	13	35	
28	1	20	1.8	12	30	
29	1	24	1.8	10	35	
30	1	19	1.8	10	30	
31	1	15	1.6	10	20	
TL	31	643	57.4	340	1190	0
ME	1	21	1.9	11	38	0
MAX	1	34	2.8	28	50	0
MIN	1	2	1.4	7	20	0

Manpower						
Position Title	Full Time	Part Time	Total Hours	No. of Vac.	No. of Separations	No. of New Hires
Superintendent	1	0	207	0	0	0
Shift Operator	1	1	239	0	0	0
Total	2	1	446	0	0	0
Weekday Hrs.	9					
Saturday Hrs.	4					
Sunday Hrs.	4					
Holiday Hrs.	4					

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: LOWELL WWTP
ADDRESS: 301 EAST MAIN STREET
LOWELL MI 49331

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MI0020311	001 A
PERMIT NUMBER	DISCHARGE NUMBER

MINOR
(SUBR GG)
F-FINAL
001 MUN.WASTE20--FLAT RIVER

FACILITY: LOWELL WWTP
LOCATION: LOWELL MI 49331
ATTN: BRIAN VANDER MEULEN

MONITORING PERIOD					
YEAR	MO	DAY	FROM	TO	
2020	1	01		2020	1 31

*** NO DISCHARGE ☐ ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.30	2.80	(03)	*****	*****	*****		-	7/7	RECORD FLOW
	PERMIT REQUIREMENT	REPORT MONTHLY AVG	REPORT DAILY MAX	MGD	*****	*****	*****	****		WEEKDAYS	RECORD FLOW
SOLIDS, TOTAL SUSPENDED 00530 B 0 0 PRIOR TO DISINFECT	SAMPLE MEASUREMENT	98	149	(26)	*****	5.2	7.2	(19)	0	3/7	24 HR COMP
	PERMIT REQUIREMENT	360 MONTHLY AVG	530 7 DAY AVG	lbs/day	*****	30 MONTHLY AVG	45 7 DAY AVG	mg/L		WEEKDAYS	24 HR COMP
BOD, CARBONACEOUS 05 DAY, 20C 80082 B 0 0 PRIOR TO DISINFECT	SAMPLE MEASUREMENT	107	123	(26)	*****	6	7	(19)	0	3/7	24 HR COMP
	PERMIT REQUIREMENT	300 MONTHLY AVG	470 7 DAY AVG	lbs/day	*****	25 MONTHLY AVG	40 7 DAY AVG	mg/L		WEEKDAYS	24 HR COMP
NITROGEN, AMMONIA TOTAL (AS N) 00610 B 1 0 PRIOR TO DISINFECT	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.11	(19)	0	1/7	24 HR COMP
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	REPORT DAILY MAX	mg/L		WEEKLY	24 HR COMP
PHOSPHORUS, TOTAL (AS P) 00665 B 0 0 PRIOR TO DISINFECT	SAMPLE MEASUREMENT	4.1	4.9	(26)	*****	0.22	0.23	(19)	0	1/7	24 HR COMP
	PERMIT REQUIREMENT	12 MONTHLY AVG	REPORT DAILY MAX	lbs/day	*****	1.0 MONTHLY AVG	REPORT DAILY MAX	mg/L		WEEKLY	24 HR COMP
CHLORINE, TOTAL RESIDUAL 50060 P 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.037	(19)	0	3/7	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.038 DAILY MAX	mg/L		WEEKDAYS	GRAB
MERCURY, TOTAL 71900 B 0 0 PRIOR TO DISINFECT	SAMPLE MEASUREMENT	*****	0.000006		*****	*****	0.34		0	1/90	GRAB
	PERMIT REQUIREMENT	*****	Report Max Monthly Avg	lbs/day	*****	*****	Report Max Monthly Avg	ng/L		QUARTERLY	GRAB
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.					PHONE NUMBER		DATE		
Brian Vander Meulen, Supt.							(616) 897-8135		2020 2 10		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

P=AFTER DISINFECTION

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: LOWELL WWTP
ADDRESS: 301 EAST MAIN STREET
 LOWELL MI 49331

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

MI0020311	001 A
PERMIT NUMBER	DISCHARGE NUMBER

MINOR
 (SUBR GG)
 F-FINAL
 001 MUN. WASTE H2O--FLAT RIVER

FACILITY: LOWELL WWTP
LOCATION: LOWELL MI 49331
ATTN: BRIAN VANDER MEULEN

MONITORING PERIOD							
YEAR	MO	DAY	FROM	TO	YEAR	MO	DAY
2020	1	01			2020	1	31

*** NO DISCHARGE ☐ ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
MERCURY, TOTAL	SAMPLE MEASUREMENT	*****	0.00001	lbs/day	*****	*****	0.7	ng/L	0	1/90	CALCTD
71900 X 0 0 PRIOR TO DISINFECT	PERMIT REQUIREMENT	*****	0.000036 12-Mo Rolling Avg		*****	*****	3.0 12-Mo Rolling Avg		QUARTERLY	CALCTD	
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****	*****	*****	115	208	(19)	0	3/7	GRAB
74055 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****		*****	200 MONTHLY AVG	400 7 DAY AVG		DAILY	GRAB	
BOD, 5-DAY PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****	*****	95	*****	92	(23)	0	1/30	CALCTD
81010 K 0 0 PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****		85 MIN % REMOVAL	*****	Minimum Daily % Removal		PER-CENT	ONCE/MON	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****	*****	94	*****	91	(23)	0	1/30	CALCTD
81011 K 0 0 PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****		85 MIN % REMOVAL	*****	Minimum Daily % Removal		PER-CENT	ONCE/MON	CALCTD
pH	SAMPLE MEASUREMENT	*****	*****	****	7.1	*****	7.4	(12)	0	3/7	GRAB
00400 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****		6.5 DAILY MINIMUM	*****	9.0 DAILY MAX		S.U.	WEEKDAYS	GRAB
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****	****	9.9	*****	*****	(19)	0	3/7	GRAB
00300 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****		3.0 DAILY MINIMUM	*****	*****		mg/L	WEEKDAYS	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.					PHONE NUMBER		DATE			
Brian Vander Meulen, Supt.						(616) 897-8135	2020	2	10		
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE	NUMBER	YEAR	MO	DAY	

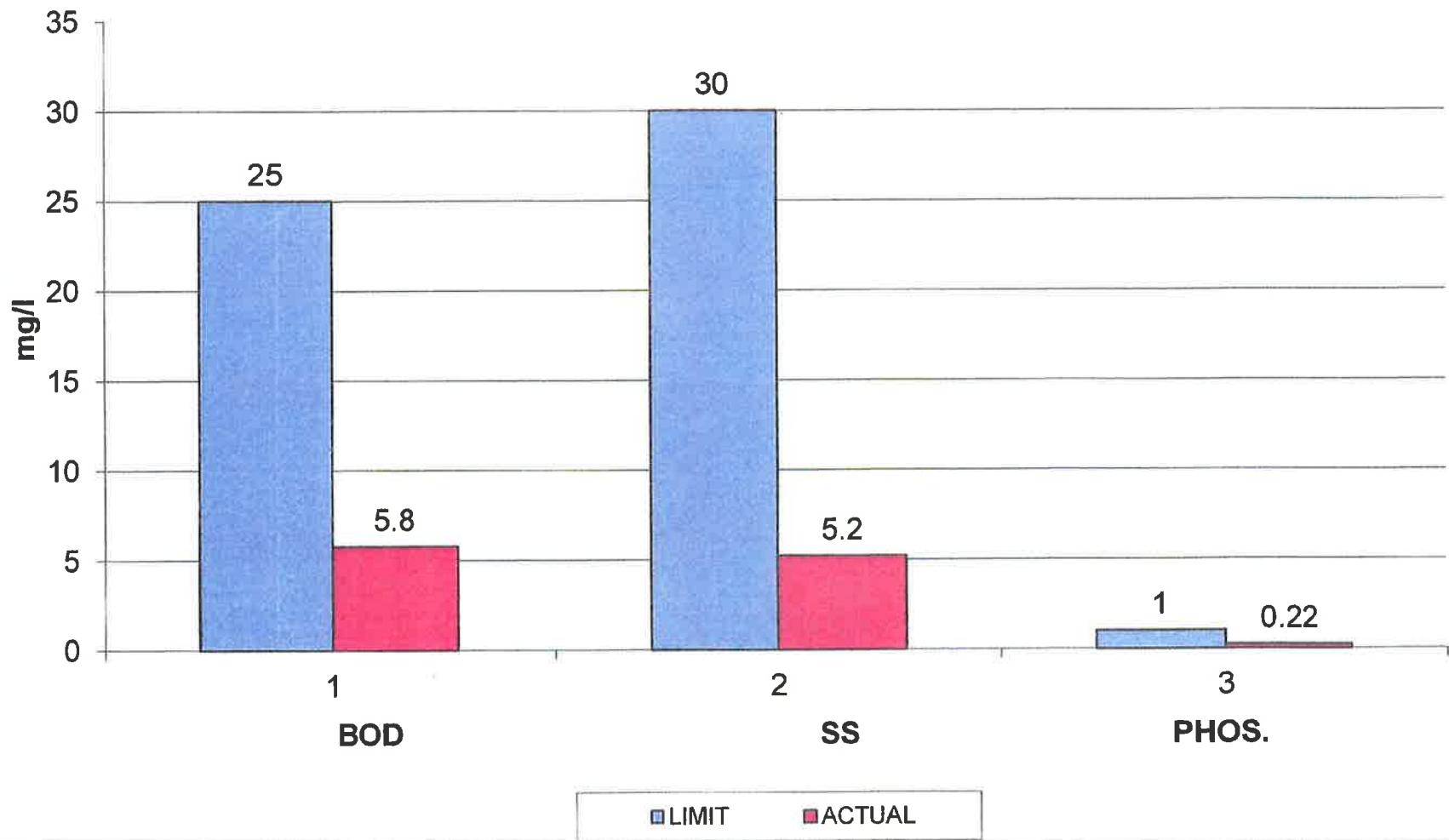
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

P=AFTER DISINFECTION

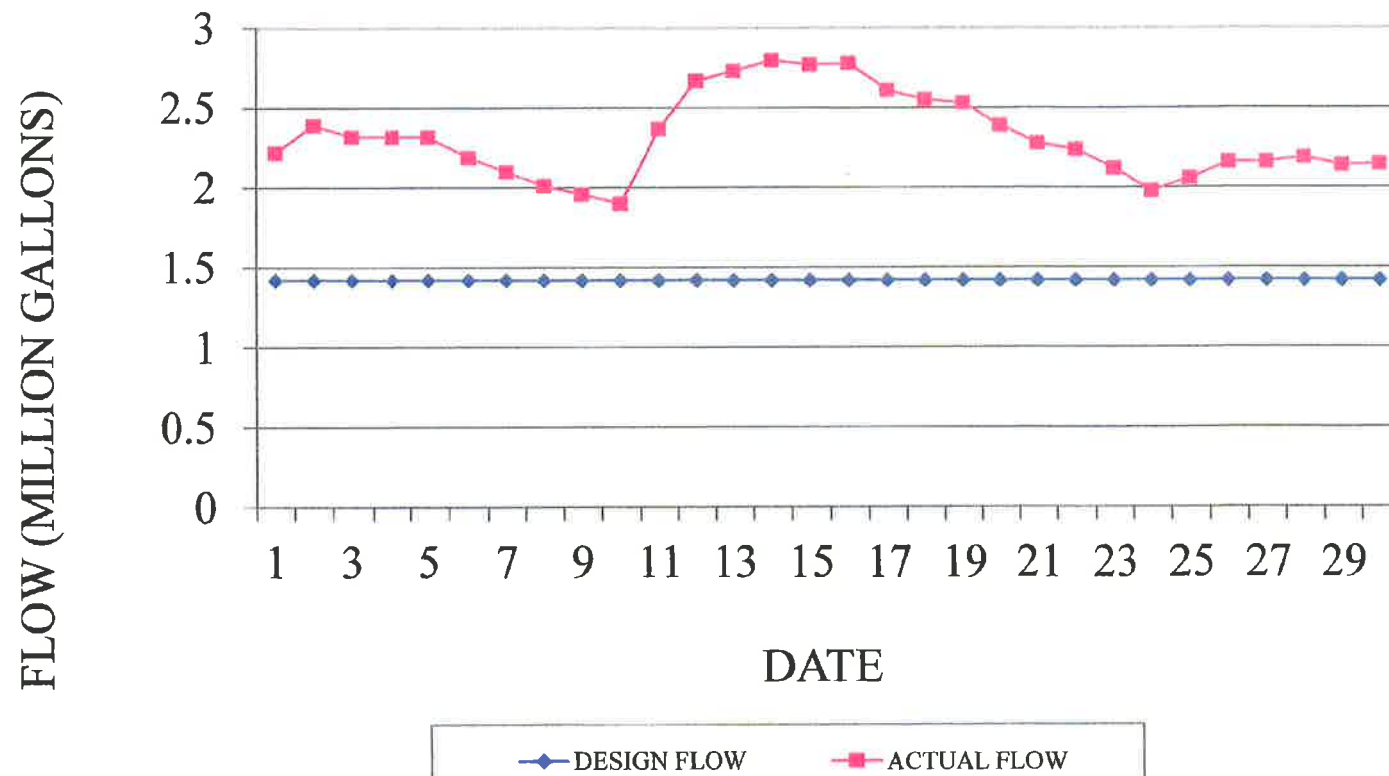
Appendix B



EFFLUENT LIMIT vs ACTUAL



DESIGN FLOW vs ACTUAL FLOW



APPOINTMENTS

	Expires
Airport Board	
Vacancy (Paul Nicholls – Currently Serving)	01/01/2020
Vacancy (Jeff Ostrander – Currently Serving)	01/01/2020
Vacancy (Tom Grimm – Currently Serving)	01/01/2020
Building Authority	
Vacancy (Charles Myers – Currently Serving)	01/01/2020
Downtown Development Authority	
Vacancy (Eric Wakeman – Currently Serving)	01/01/2020
Vacancy (Rita Reister – Currently Serving)	01/01/2020
Downtown Historic District Commission	
Vacancy (Ardis Barber – Currently Serving)	01/01/2020
Lowell Area Fire and Emergency Services Authority	
Vacancy (Dave Pasquale – Currently Serving)	01/01/2020
Parks and Recreation Commission	
Vacancy (Paula Mierendorf – Currently Serving)	01/01/2020