



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

CITY OF LOWELL  
CITY COUNCIL AGENDA  
MONDAY, AUGUST 16, 2021, 7:00 P.M.

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

2. CONSENT AGENDA

- Approval of the Agenda.
- Approve and place on file the minutes of the August 2, 2021 Regular City Council meeting.
- Authorize payment of invoices in the amount of \$466,716.66.

3. 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.

4. OLD BUSINESS

5. NEW BUSINESS

- a. Wastewater Treatment System Valuation Report
- b. Water Treatment System Valuation Report

6. BOARD/COMMISSION REPORTS

7. BUDGET REPORT

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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## MEMORANDUM

TO: Lowell City Council  
FROM: Michael Burns, City Manager  
RE: Council Agenda for Monday, August 16, 2021

1. CALL TO ORDER; PLEDGE OF ALLEGIANCE; ROLL CALL
2. CONSENT AGENDA

- Approval of the Agenda.
- Approve and place on file the minutes of the August 2, 2021 Regular and Closed City Council meetings.
- Authorize payment of invoices in the amount of \$446,719.66.

3. 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.

4. OLD BUSINESS
5. NEW BUSINESS
  - a. Wastewater Treatment System Valuation Report. City Manager Michael Burns will provide a power point presentation.
  - b. Water Treatment System Valuation Report. City Manager Michael Burns will provide a power point presentation.
6. BOARD/COMMISSION REPORTS
7. BUDGET REPORTS
8. MONTHLY REPORTS
9. MANAGER'S REPORT
10. APPOINTMENTS

11. COUNCIL COMMENTS

12. ADJOURNMENT

**PROCEEDINGS  
OF  
CITY COUNCIL MEETING  
OF THE  
CITY OF LOWELL  
MONDAY, AUGUST 02, 2021, 7:00 P.M.**

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

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

Present: Councilmembers' Cliff Yankovich, Marty Chambers, Leah Groves, Jim Salzwedel and Mayor DeVore.

Absent: None.

Also Present: City Manager Michael Burns, City Clerk Susan Ullery, Chief of Police Chris Hurst, DPW Director Dan Czarnecki, City Attorney Jessica Wood.

2. **CONSENT AGENDA.**

- Approval of the Agenda.
- Approve and place on file the minutes of the July 19, 2021, Regular City Council Meeting.
- Authorize payment of invoices in the amount of \$324,464.30.

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

YES: Councilmember Groves, 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.**

None.

5. **NEW BUSINESS.**

a. **Discussion on Trails.**

City Manager Michael Burns presented a PowerPoint, stating the City will receive \$436,573 through the American Recovery Plan Non-Entitlement Unit Program. City has filed the application and is waiting review from Michigan Department of Treasury. Funds will be allotted in two cycles; the first allotment is 60 days after approval. The funds must be obligated by December 31, 2024 and expended by December 31, 2026. Burns then explained in detail how the funds can and cannot be used. Burns suggested his plan to utilize funds. Councilmembers discussed at length.

Eric Bartkus who resides at 215 W Main, inquired about the lead pipe concern in the City and how bad is it and can this money be used for that.

DPW Director Dan Czarnecki stated we are now required by the State of Michigan to do testing now for lead piping. He doesn't believe there is much but will know more when North Monroe project is done next year.

It was a general consensus to move forward and put this back on the agenda for the next Council meeting.

b. Foreman Building Roof Replacement.

DPW Director Dan Czarnecki read his memo explaining the need for the Foreman Building Roof replacement, stated the different quotes and gave his recommendation.

IT WAS MOVED BY YANKOVICH and seconded by CHAMBERS that the Lowell City Council approve the quote from Risner's Roofing and Home Improvement, Lowell, MI, for the replacement of the shingled roofing at the Foreman Building, as outlined in their quote dated May 31, 2021, for a cost of \$59,600.00.

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

NO: None.

ABSENT: None.

MOTION CARRIED.

6. BOARD/COMMISSION REPORTS.

Councilmember Groves stated she attended Parks & Rec meeting and had great conversation. Love week was wonderful and thank you to all the volunteers. The Community garden is looking beautiful. Looking to do a project at the skate park.

Councilmember Chambers stated he will be sitting in for Jim at the Light & Power Board meeting, and that he is looking forward to it.

7. BUDGET REPORT.

There were no updates.

8. MANAGER'S REPORT.

City Manager Michael Burns went over a couple items:

- Amity project began today. We were able to move up the project 30 days prior, so that is nice.
- Jane Ellen project, they put the top coat on Saturday so there will just be a little bit of restoration work left after that.
- Just a couple punch list items left on the Foreman project as that project's coming to completion.
- A draft of the evaluation study for the water and wastewater treatment facilities, should be coming

today or tomorrow. Will review it next week after my vacation and then get back with you on it.

9. **APPOINTMENTS.**

It was a general consensus to appoint Casey Butler to the Parks and Recreation Board.

10. **COUNCIL COMMENTS**

Councilmember Groves wanted to remind everyone that there is a Lowell School Board meeting next Monday and she feels it is imperative that we show up, use our voices for what we believe in and support what they do. We have a great school system here in Lowell.

Councilmember Chambers thanked the DPW, they are doing a great job. Green spaces, flowers, parking lots and the cemetery are all looking awesome. Thank you.

Councilmember Yankovich stated the mail lady has been bitten twice by dogs in Lowell on her route and he reported it to the Police Chief who took action. Thank you to the Chief. Spent a week in Pentwater and their water is terrible. Kudos to Lowell's great tasting award winning water.

Councilmember Salzwedel corrected an error he stated about a road he thought was near his home at the prior Council meeting. Also we are having Coffee with Council on Saturday.

Mayor DeVore stated that the fair will be back in town next week so he hopes to see everybody there.

John Vanderwilp who resides at 1264 Fun asked why there was not a memorial parade. Burns stated it was not the City's decision.

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

IT WAS MOVED BY SALZWEDEL and seconded by DEVORE to go into closed session at 7:45 p.m. to discuss material exempt from disclosure under state law, MCL 15.268(h).

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

NO: None.

ABSENT: None.

MOTION CARRIED.

12. **MOTION COME OUT OF CLOSED SESSION.**

IT WAS MOVED BY SALZWEDEL and seconded by YANKOVICH to come out of closed session at 8:41 p.m.

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

NO: None.

ABSENT: None.

MOTION CARRIED.

IT WAS MOVED BY YANKOVICH and seconded by SALZWEDEL to send a letter to take action as discussed in closed session.

YES: Councilmember Groves, Mayor DeVore, Councilmembers Salzwedel, Yankovich and Chambers.

NO: None. ABSENT: None. MOTION CARRIED.

13. **ADJOURNMENT.**

IT WAS MOVED BY SALWEDEL and seconded by CHAMBERS to adjourn at 8:43 p.m.

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

DATE:

APPROVED:

\_\_\_\_\_  
Mike DeVore, Mayor

\_\_\_\_\_  
Sue Ullery, Lowell City Clerk

Vendor Code	Vendor Name	Description	Amount
01513	ADDORIO TECHNOLOGIES, LLC		
	8828	ACCOUNT STATEMENT	1,161.25
	8889	SHOWBOAT WORK	318.75
	8889*	SHOWBOAT WORK	433.75
	8890	JUNE ACCT STATEMENT	510.00
	8890*	JULY ACCOUNT STATEMENT	1,932.41
TOTAL FOR: ADDORIO TECHNOLOGIES, LLC			4,356.16
10869	ALLIED UNIVERSAL TECH SERVICES		
	IN-910152833	SHOWBOAT ALARM MONITORING	420.00
TOTAL FOR: ALLIED UNIVERSAL TECH SERVICES			420.00
10816	AMAZON CAPITAL SERVICES		
	1HPR-KFR7-679L	CEMETERY HEADPHONES	309.02
	1R76-T4XD-MHHJ	WATER DEPT ANT BAIT	24.26
	1XT6-YDDM-44NG	WATER DEPT ANT KILLER DUST	15.03
TOTAL FOR: AMAZON CAPITAL SERVICES			348.31
02239	APEX SOFTWARE		
	314321	ASESSING SKETCHING SOFTWARE	470.00
TOTAL FOR: APEX SOFTWARE			470.00
10625	AQUARIUS LAWN SPRINKLING INC		
	64037	INVOICE FOR LOWELL SHOWBOAT GARDEN CLUB	391.87
TOTAL FOR: AQUARIUS LAWN SPRINKLING INC			391.87
00050	BERNARDS ACE HARDWARE		
	7/31/2021	ACCOUNT STATEMENT	629.26
TOTAL FOR: BERNARDS ACE HARDWARE			629.26
10686	BETTEN BAKER		
	142484	W-20 R & M	412.73
	142561	#7 FUEL TRUCK R & M	325.39
	142576	#W-21 R & M	85.50
	142593	#14, R & M	93.86
TOTAL FOR: BETTEN BAKER			917.48
10441	BFG SUPPLY		
	1835416-00	CEMETERY SKUPPLIES	217.34
TOTAL FOR: BFG SUPPLY			217.34
02540	CAREY, JAMES		
	7/30/2021	DOG PARK REIMBURSEMENTS	275.44
TOTAL FOR: CAREY, JAMES			275.44
10493	COMCAST CABLE		
	8/6 - 9/5/2021	DPW CABLE	55.00
TOTAL FOR: COMCAST CABLE			55.00
10509	CONSUMERS ENERGY		
	7/1 -7/31	ACCOUNT 1000 0009 6030	31.84
TOTAL FOR: CONSUMERS ENERGY			31.84
01752	CORE TECHNOLOGY CORP		
	CORMN0000243	ANNUAL CORE TECH MAINT	1,075.00
TOTAL FOR: CORE TECHNOLOGY CORP			1,075.00

Vendor Code	Vendor Name Invoice	Description	Amount
01156	CURTIS CLEANERS 9F1B54	POLICE DRY CLEANING	179.20
TOTAL FOR: CURTIS CLEANERS			179.20
02089	DORNBOS SIGN, INC INV56962	WRESTLING & VOLLEYBALL SIGNAGE	72.88
TOTAL FOR: DORNBOS SIGN, INC			72.88
10303	ECO GREEN SUPPLY 26291	CEMETERY SEED MIX	105.78
TOTAL FOR: ECO GREEN SUPPLY			105.78
10670	FAHEY SCHULTZ BURZYCH RHODES PLC 60411	EMPLOYMENT MATTERS	189.00
TOTAL FOR: FAHEY SCHULTZ BURZYCH RHODES PLC			189.00
REFUND UB	FEEHAN, PHILLIP 08/03/2021	UB refund for account: 3-03942-5	65.59
TOTAL FOR: FEEHAN, PHILLIP			65.59
10211	FIRE PROS INC. INV-1818990	LIBRARY R & M	309.50
TOTAL FOR: FIRE PROS INC.			309.50
00225	GRAND RAPIDS COMMUNITY COLLEGE 7/16 - 7/31/2021	TAX DISBURSEMENT	12,310.58
TOTAL FOR: GRAND RAPIDS COMMUNITY COLLEGE			12,310.58
01285	GREAT LAKES PAVING 9077	TOP SOIL FOR CEMETERY	330.00
TOTAL FOR: GREAT LAKES PAVING			330.00
01508	GTW JULY 2021	CYLINDER RENTAL	43.70
TOTAL FOR: GTW			43.70
00234	HACH COMPANY 12564499	WTP SUPPLIES	410.25
TOTAL FOR: HACH COMPANY			410.25
00248	HOOPER PRINTING 62923	SIGNATURE STAMP - HURST	38.25
TOTAL FOR: HOOPER PRINTING			38.25
02463	HYDROCORP 0062989-IN	CROSS CONNECTION JULY 2021	937.00
TOTAL FOR: HYDROCORP			937.00
00262	IDEXX DISTRIBUTION CORP. 3089444015	WTP SUPPLIES	1,232.53
TOTAL FOR: IDEXX DISTRIBUTION CORP.			1,232.53
01524	IIMC 7/6/2021 7/6/21	MEMBERSHIP & CONT DEV - ULLERY ADD MEMBER & CONT DEV - BROWN	200.00 140.00
TOTAL FOR: IIMC			340.00

User: LORI

EXP CHECK RUN DATES 07/30/2021 - 08/13/2021

DB: Lowell

BOTH JOURNALIZED AND UNJOURNALIZED

BOTH OPEN AND PAID - CHECK TYPE: PAPER CHECK

Vendor Code	Vendor Name Invoice	Description	Amount
10921	ISOLVED BENEFIT SERVICES I111789151	VOUCHER PREMIUM JUL7 2021	25.52
TOTAL FOR: ISOLVED BENEFIT SERVICES			25.52
00300	KENT COUNTY TREASURER 7/16 - 7/31/2021 K-5333	TAX DISBURSEMENT TAX TRIBUNAL 41-20-03-251-022	76,405.72 260.34
TOTAL FOR: KENT COUNTY TREASURER			76,666.06
00302	KENT INTERMEDIATE SCHOOL DIST. 7/16 - 7/31/2021	TAX DISBURSEMENT	55,169.85
TOTAL FOR: KENT INTERMEDIATE SCHOOL DIST.			55,169.85
02209	KERKSTRA PORTABLE, INC. 182318	REC PARK RESTROOMS	145.00
TOTAL FOR: KERKSTRA PORTABLE, INC.			145.00
10911	KOLASA, BRITTANY 043-1	HEADSHOTS - CARTER & KRESNAK	70.00
TOTAL FOR: KOLASA, BRITTANY			70.00
01374	LOWELL AREA HISTORICAL MUSEUM 7/16 - 7/31/2021	TAX DISBURSEMENT	1,780.83
TOTAL FOR: LOWELL AREA HISTORICAL MUSEUM			1,780.83
00562	LOWELL AREA SCHOOLS 7/16 - 7/31/2021	TAX DISBURSEMENT	97,265.40
TOTAL FOR: LOWELL AREA SCHOOLS			97,265.40
00330	LOWELL LEDGER 7/31/2021	ACCOUNT STATEMENT	187.25
TOTAL FOR: LOWELL LEDGER			187.25
00341	LOWELL LIGHT & POWER 3506 3520 3522 7/30/2021	DDA LOAN PRINCIPAL & INTEREST JULY PHONE CHARGES IT UPGRADE PROJECT 2022 ELECTRIC STATEMENTS	34,752.54 794.91 23,582.67 24,530.75
TOTAL FOR: LOWELL LIGHT & POWER			83,660.87
00434	MICHIGAN RURAL WATER ASSOC. 2020-01917	WRWA EXPO - BRECKEN/SOYKA/ENBODY	420.00
TOTAL FOR: MICHIGAN RURAL WATER ASSOC.			420.00
02559	MITCHELL 1 26312340	DPW OFFICE SUPPLIES	2,568.00
TOTAL FOR: MITCHELL 1			2,568.00
00424	MML WORKERS' COMP FUND 2496206	WC FUND 7/21 - 7/22	6,215.00
TOTAL FOR: MML WORKERS' COMP FUND			6,215.00
01499	NAPA AUTO PARTS 7/31/2021	ACCOUNT STATEMENT	36.52
TOTAL FOR: NAPA AUTO PARTS			36.52
REFUND UB	PLG INVESTMENTS 08/03/2021	UB refund for account: 2-00305-7	67.27
TOTAL FOR: PLG INVESTMENTS			67.27

User: LORI

EXP CHECK RUN DATES 07/30/2021 - 08/13/2021

DB: Lowell

BOTH JOURNALIZED AND UNJOURNALIZED

BOTH OPEN AND PAID - CHECK TYPE: PAPER CHECK

Vendor Code	Vendor Name	Description	Amount
01270	PLUMMERS ENVIRONMENTAL SERVICE INC. 21138448	VIDEO OF SANITARY SEWER	577.50
TOTAL FOR: PLUMMERS ENVIRONMENTAL SERVICE INC.			577.50
00506	POSTMASTER 7/29/2021	W/S BILLING POSTAGE	447.64
TOTAL FOR: POSTMASTER			447.64
00512	PREIN & NEWHOF, INC. 94849	STONEY LAKE WATER SAMPLES	620.00
TOTAL FOR: PREIN & NEWHOF, INC.			620.00
00859	PRINTING SYSTEMS 218971	ELECTION SUPPLIES	42.41
TOTAL FOR: PRINTING SYSTEMS			42.41
10762	PROFESSIONAL CODE INSPECTIONS OF MI 6730	PERMITS JULY 2021	17,665.20
TOTAL FOR: PROFESSIONAL CODE INSPECTIONS OF MI			17,665.20
02331	PROGRESSIVE HEATING COOLING, CORP. 2019922 2019926	CITY HALL SERVICE CALL LIBRARY SERVICE CALL	351.50 262.50
TOTAL FOR: PROGRESSIVE HEATING COOLING, CORP.			614.00
CREEKSIDE	PURFORMS 7/15/2021	CREEKSIDE PARK DEPOSIT	50.00
TOTAL FOR: PURFORMS			50.00
10130	RASHID, JEFFREY 8/3/2021	JULY ASSESSING EXPENSES	43.12
TOTAL FOR: RASHID, JEFFREY			43.12
10133	RED CREEK WASTE SERVICES INC. JULY	TRASH REMOVAL RIVERWALK	345.00
TOTAL FOR: RED CREEK WASTE SERVICES INC.			345.00
10924	REPCOLITE PAINTS INC D52143	ZONE MARKING PAINTS- DDA	797.80
TOTAL FOR: REPCOLITE PAINTS INC			797.80
10534	RISNER'S ROOFING & HOME IMPROVEMENT 8/11/2021	FOREMAN BUILDING ROOF	59,600.00
TOTAL FOR: RISNER'S ROOFING & HOME IMPROVEMENT			59,600.00
02248	RIVERSIDE INTEGRATED SYSTEMS INC. 158417	ANNUAL MONITORING	399.00
TOTAL FOR: RIVERSIDE INTEGRATED SYSTEMS INC.			399.00
00827	RS TECHNICAL SERVICES, INC. 21692	WTP PREVENTIVE MAINTENANCE	1,529.55
TOTAL FOR: RS TECHNICAL SERVICES, INC.			1,529.55
10378	RUESINK, KATHIE 388305 - 388306 388307	CLEANING 7/16 - 7/29/2021 CLEANING 7/30 - 8/12	720.00 720.00
TOTAL FOR: RUESINK, KATHIE			1,440.00

Vendor Code	Vendor Name Invoice	Description	Amount
02383	SANISWEEP, INC. 7/29/2021	SWEEP INSIDE BUILDING	150.00
TOTAL FOR: SANISWEEP, INC.			150.00
10042	SAWYER ENGINE & COMPRESSOR INC. 56850 56886	DPW COMPRESSER R & M #33 PORTABLE COMPRESSOR R & M	239.74 413.99
TOTAL FOR: SAWYER ENGINE & COMPRESSOR INC.			653.73
02575	SELF SERVE LUMBER 8/1/2021	JULY ACCOUNT STATEMENT	65.88
TOTAL FOR: SELF SERVE LUMBER			65.88
10849	SMART BUSINESS SOURCE OE-41028-1	MULTIFOLD TOWELS	87.62
TOTAL FOR: SMART BUSINESS SOURCE			87.62
10813	SOYKA, CODY 8/12/2021	REIMBURSEMENT FOR WORK BOOTS	105.99
TOTAL FOR: SOYKA, CODY			105.99
02473	SUPERIOR ASPHALT, INC. 66853	STREET SUPPLIES	819.00
TOTAL FOR: SUPERIOR ASPHALT, INC.			819.00
10543	TRACTOR SUPPLY CREDIT PLAN 7/30/2021	ACCOUNT STATEMENT	369.89
TOTAL FOR: TRACTOR SUPPLY CREDIT PLAN			369.89
00651	USA BLUE BOOK 677560	WTP SUPPLIES	99.88
TOTAL FOR: USA BLUE BOOK			99.88
02203	VISA 7/28/2021 7/28/21	MERCANTILE VISA STATEMENT MERCANTILE VISA STATEMENT	2,422.53 97.07
TOTAL FOR: VISA			2,519.60
10389	VREDEVELD HAEFNER LLC 5237	SERVICES THRU 7/31/2021	990.00
TOTAL FOR: VREDEVELD HAEFNER LLC			990.00
00692	WILLIAMS & WORKS INC. 92551 92553 92554 92556	STREET ASSET MGMT STUDY AMITY STREET RESURFACING MONROE ST RESURFACE, W/S IMPR JANE ELLEN ST RESURFACING	805.50 1,309.50 21,842.32 2,700.00
TOTAL FOR: WILLIAMS & WORKS INC.			26,657.32
TOTAL - ALL VENDORS			466,719.66

User: LORI

EXP CHECK RUN DATES 07/30/2021 - 08/13/2021

DB: Lowell

BOTH JOURNALIZED AND UNJOURNALIZED

BOTH OPEN AND PAID

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 101 GENERAL FUND					
Dept 000					
101-000-040.000	ACCOUNTS RECEIVABLE	VISA	MERCANTILE VISA STATEMENT	10.58	76091
101-000-264.003	WORKERS COMP INSURANCE PA	MML WORKERS' COMP FUND	WC FUND 7/21 - 7/22	6,215.00	76074
101-000-285.004	CREEKSIDE DEPOSIT	PURFORMS	CREEKSIDE PARK DEPOSIT	50.00	76035
Total For Dept 000				6,275.58	
Dept 172 MANAGER					
101-172-864.000	CONFERENCES & CONVENTIONS	VISA	MERCANTILE VISA STATEMENT	1,627.46	76091
Total For Dept 172 MANAGE				1,627.46	
Dept 191 ELECTIONS					
101-191-740.000	OPERATING SUPPLIES	PRINTING SYSTEMS	ELECTION SUPPLIES	42.41	76078
Total For Dept 191 ELECTI				42.41	
Dept 209 ASSESSOR					
101-209-740.000	OPERATING SUPPLIES	APEX SOFTWARE	ASESSING SKETCHING SOFTWA	470.00	76045
101-209-860.000	TRAVEL EXPENSES	RASHID, JEFFREY	JULY ASSESSING EXPENSES	43.12	76080
101-209-955.000	MISCELLANEOUS EXPENSE	VISA	MERCANTILE VISA STATEMENT	42.00	76091
Total For Dept 209 ASSESS				555.12	
Dept 210 ATTORNEY					
101-210-802.000	LABOR RELATIONS ATTORNEY	FAHEY SCHULTZ BURZYCH RHO	EMPLOYMENT MATTERS	189.00	76053
Total For Dept 210 ATTORN				189.00	
Dept 215 CLERK					
101-215-955.000	MISCELLANEOUS EXPENSE	IIMC	MEMBERSHIP & CONT DEV - U	200.00	76029
101-215-955.000	MISCELLANEOUS EXPENSE	IIMC	ADD MEMBER & CONT DEV - B	140.00	76029
Total For Dept 215 CLERK				340.00	
Dept 253 TREASURER					
101-253-955.000	MISCELLANEOUS EXPENSE	KENT COUNTY TREASURER	TAX TRIBUNAL 41-20-03-251	260.34	76064
Total For Dept 253 TREASU				260.34	
Dept 265 CITY HALL					
101-265-740.000	OPERATING SUPPLIES	SMART BUSINESS SOURCE	MULTIFOLD TOWELS	87.62	76039
101-265-802.000	CONTRACTUAL	RUESINK, KATHIE	CLEANING 7/16 - 7/29/2021	360.00	76038
101-265-802.000	CONTRACTUAL	RIVERSIDE INTEGRATED SYST	ANNUAL MONITORING	399.00	76037
101-265-802.000	CONTRACTUAL	RUESINK, KATHIE	CLEANING 7/30 - 8/12	360.00	76084
101-265-850.000	COMMUNICATIONS	LOWELL LIGHT & POWER	JULY PHONE CHARGES	263.45	76031
101-265-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	3,601.08	76032
101-265-930.000	REPAIR & MAINTENANCE	PROGRESSIVE HEATING COOLI	CITY HALL SERVICE CALL	351.50	76079
Total For Dept 265 CITY H				5,422.65	
Dept 276 CEMETERY					
101-276-740.000	OPERATING SUPPLIES	BERNARDS ACE HARDWARE	ACCOUNT STATEMENT	54.91	76046
101-276-740.000	OPERATING SUPPLIES	BFG SUPPLY	CEMETERY SKUPPLIES	217.34	76048
101-276-740.000	OPERATING SUPPLIES	ECO GREEN SUPPLY	CEMETERY SEED MIX	105.78	76052
101-276-740.000	OPERATING SUPPLIES	GREAT LAKES PAVING	TOP SOIL FOR CEMETERY	330.00	76056
101-276-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	60.29	76032
101-276-930.000	REPAIR & MAINTENANCE	BERNARDS ACE HARDWARE	ACCOUNT STATEMENT	74.96	76046
101-276-930.000	REPAIR & MAINTENANCE	TRACTOR SUPPLY CREDIT PLA	ACCOUNT STATEMENT	84.92	76089
101-276-930.000	REPAIR & MAINTENANCE	AMAZON CAPITAL SERVICES	CEMETERY HEADPHONES	309.02	76044
Total For Dept 276 CEMETE				1,237.22	
Dept 301 POLICE DEPARTMENT					
101-301-740.000	OPERATING SUPPLIES	VISA	MERCANTILE VISA STATEMENT	19.95	76091
101-301-744.000	UNIFORMS	CURTIS CLEANERS	POLICE DRY CLEANING	179.20	76027
101-301-744.000	UNIFORMS	KOLASA, BRITTANY	HEADSHOTS - CARTER & KRES	70.00	76067
101-301-802.000	CONTRACTUAL	CORE TECHNOLOGY CORP	ANNUAL CORE TECH MAINT	1,075.00	76050
101-301-850.000	COMMUNICATIONS	LOWELL LIGHT & POWER	JULY PHONE CHARGES	109.25	76031
101-301-930.000	R & M EQUIPMENT	VISA	MERCANTILE VISA STATEMENT	217.17	76091
101-301-931.000	R & M POLICE CARS	VISA	MERCANTILE VISA STATEMENT	308.38	76091
101-301-955.000	MISCELLANEOUS EXPENSE	VISA	MERCANTILE VISA STATEMENT	68.00	76091

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 101 GENERAL FUND					
Dept 301 POLICE DEPARTMENT					
101-301-955.000	MISCELLANEOUS EXPENSE	ISOLVED BENEFIT SERVICES	VOUCHER PREMIUM JUL7 2021	25.52	76062
101-301-980.000	OFFICE EQUIPMENT	HOOPER PRINTING	SIGNATURE STAMP - HURST	38.25	76059
Total For Dept 301 POLICE				2,110.72	
Dept 400 PLANNING & ZONING					
101-400-801.000	PROFESSIONAL SERVICES	LOWELL LEDGER	ACCOUNT STATEMENT	90.95	76070
Total For Dept 400 PLANNI				90.95	
Dept 441 DEPARTMENT OF PUBLIC WORKS					
101-441-740.000	OPERATING SUPPLIES	BERNARDS ACE HARDWARE	ACCOUNT STATEMENT	20.94	76046
101-441-802.000	CONTRACTUAL	SANISWEEP, INC.	SWEEP INSIDE BUILDING	150.00	76085
101-441-850.000	COMMUNICATIONS	LOWELL LIGHT & POWER	JULY PHONE CHARGES	49.16	76031
101-441-850.000	COMMUNICATIONS	COMCAST CABLE	DPW CABLE	55.00	76026
101-441-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	361.56	76032
101-441-926.000	STREET LIGHTING	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	1,005.60	76032
Total For Dept 441 DEPART				1,642.26	
Dept 747 CHAMBER/RIVERWALK					
101-747-920.000	CHAMBER UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	147.17	76032
Total For Dept 747 CHAMBE				147.17	
Dept 751 PARKS					
101-751-740.000	OPERATING SUPPLIES	BERNARDS ACE HARDWARE	ACCOUNT STATEMENT	354.51	76046
101-751-740.000	OPERATING SUPPLIES	TRACTOR SUPPLY CREDIT PLA	ACCOUNT STATEMENT	55.00	76089
101-751-802.000	CONTRACTUAL	KERKSTRA PORTABLE, INC.	REC PARK RESTROOMS	145.00	76066
101-751-802.000	CONTRACTUAL	PREIN & NEWHOF, INC.	STONEY LAKE WATER SAMPLES	620.00	76077
101-751-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	737.92	76032
101-751-930.000	REPAIR & MAINTENANCE	BERNARDS ACE HARDWARE	ACCOUNT STATEMENT	31.98	76046
101-751-975.000	BUILDING IMPROVEMENTS	RISNER'S ROOFING & HOME I	FOREMAN BUILDING ROOF	59,600.00	76082
Total For Dept 751 PARKS				61,544.41	
Dept 790 LIBRARY					
101-790-740.000	OPERATING SUPPLIES	FIRE PROS INC.	LIBRARY R & M	309.50	76054
101-790-740.000	OPERATING SUPPLIES	SELF SERVE LUMBER	JULY ACCOUNT STATEMENT	40.93	76087
101-790-740.000	OPERATING SUPPLIES	TRACTOR SUPPLY CREDIT PLA	ACCOUNT STATEMENT	149.99	76089
101-790-802.000	CONTRACTUAL	RUESINK, KATHIE	CLEANING 7/16 - 7/29/2021	360.00	76038
101-790-802.000	CONTRACTUAL	RUESINK, KATHIE	CLEANING 7/30 - 8/12	360.00	76084
101-790-850.000	COMMUNICATIONS	LOWELL LIGHT & POWER	JULY PHONE CHARGES	112.96	76031
101-790-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	1,242.46	76032
101-790-930.000	REPAIR & MAINTENANCE	PROGRESSIVE HEATING COOLI	LIBRARY SERVICE CALL	262.50	76079
Total For Dept 790 LIBRAR				2,838.34	
Dept 804 MUSEUM					
101-804-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	381.72	76032
101-804-955.000	PROPERTY TAX DISTRIBUTION	LOWELL AREA HISTORICAL MU	TAX DISBURSEMENT	1,780.83	76068
Total For Dept 804 MUSEUM				2,162.55	
Total For Fund 101 GENERA				86,486.18	
Fund 202 MAJOR STREET FUND					
Dept 450 CAPITAL OUTLAY					
202-450-970.000	CAPITAL OUTLAY	WILLIAMS & WORKS INC.	MONROE ST RESURFACE, W/S	7,280.78	76041
Total For Dept 450 CAPITA				7,280.78	
Dept 463 MAINTENANCE					
202-463-740.000	OPERATING SUPPLIES	SUPERIOR ASPHALT, INC.	STREET SUPPLIES	409.50	76040
Total For Dept 463 MAINTEN				409.50	
Dept 474 TRAFFIC					
202-474-740.000	OPERATING SUPPLIES	DORNBOS SIGN, INC	WRESTLING & VOLLEYBALL SI	72.88	76051
Total For Dept 474 TRAFFI				72.88	
Dept 483 ADMINISTRATION					
202-483-801.000	PROFESSIONAL SERVICES	WILLIAMS & WORKS INC.	STREET ASSET MGMT STUDY	402.75	76041

User: LORI

EXP CHECK RUN DATES 07/30/2021 - 08/13/2021

DB: Lowell

BOTH JOURNALIZED AND UNJOURNALIZED

BOTH OPEN AND PAID

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 202 MAJOR STREET FUND					
Dept 483 ADMINISTRATION					
Total For Dept 483 ADMINI				402.75	
Total For Fund 202 MAJOR				8,165.91	
Fund 203 LOCAL STREET FUND					
Dept 450 CAPITAL OUTLAY					
203-450-970.000	CAPITAL OUTLAY	WILLIAMS & WORKS INC.	AMITY STREET RESURFACING	785.70	76041
203-450-970.000	CAPITAL OUTLAY	WILLIAMS & WORKS INC.	JANE ELLEN ST RESURFACING	2,700.00	76041
Total For Dept 450 CAPITA				3,485.70	
Dept 463 MAINTENANCE					
203-463-740.000	OPERATING SUPPLIES	SUPERIOR ASPHALT, INC.	STREET SUPPLIES	409.50	76040
Total For Dept 463 MAINT				409.50	
Dept 483 ADMINISTRATION					
203-483-801.000	PROFESSIONAL SERVICES	WILLIAMS & WORKS INC.	STREET ASSET MGMT STUDY	402.75	76041
Total For Dept 483 ADMINI				402.75	
Total For Fund 203 LOCAL				4,297.95	
Fund 248 DOWNTOWN DEVELOPMENT AUTHORITY					
Dept 450 CAPITAL OUTLAY					
248-450-970.000	CAPITAL OUTLAY	WILLIAMS & WORKS INC.	AMITY STREET RESURFACING	523.80	76041
Total For Dept 450 CAPITA				523.80	
Dept 463 MAINTENANCE					
248-463-740.000	OPERATING SUPPLIES	SELF SERVE LUMBER	JULY ACCOUNT STATEMENT	24.95	76087
248-463-740.000	OPERATING SUPPLIES	BERNARDS ACE HARDWARE	ACCOUNT STATEMENT	27.47	76046
248-463-740.000	OPERATING SUPPLIES	REPCOLITE PAINTS INC	ZONE MARKING PAINTS- DDA	797.80	76081
248-463-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	458.68	76032
Total For Dept 463 MAINT				1,308.90	
Dept 906 DEBT SERVICE					
248-906-991.000	PRINCIPAL ON BONDS	LOWELL LIGHT & POWER	DDA LOAN PRINCIPAL & INTE	32,422.67	76030
248-906-995.000	INTEREST ON BONDS	LOWELL LIGHT & POWER	DDA LOAN PRINCIPAL & INTE	2,329.87	76030
Total For Dept 906 DEBT S				34,752.54	
Total For Fund 248 DOWNT				36,585.24	
Fund 249 BUILDING INSPECTION FUND					
Dept 371 BUILDING INSPECTION DEPARTMENT					
249-371-802.000	CONTRACTUAL	PROFESSIONAL CODE INSPECT PERMITS JULY 2021		17,665.20	76034
Total For Dept 371 BUILDI				17,665.20	
Total For Fund 249 BUILDI				17,665.20	
Fund 260 DESIGNATED CONTRIBUTIONS					
Dept 751 PARKS					
260-751-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	866.87	76032
260-751-970.000	CAPITAL OUTLAY	RED CREEK WASTE SERVICES	TRASH REMOVAL RIVERWALK	345.00	76036
260-751-970.000	CAPITAL OUTLAY	ADDORIO TECHNOLOGIES, LLC	SHOWBOAT WORK	318.75	76042
260-751-970.000	CAPITAL OUTLAY	ADDORIO TECHNOLOGIES, LLC	SHOWBOAT WORK	433.75	76042
260-751-970.000	CAPITAL OUTLAY	ALLIED UNIVERSAL TECH SER	SHOWBOAT ALARM MONITORING	420.00	76043
Total For Dept 751 PARKS				2,384.37	
Dept 758 DOG PARK					
260-758-740.000	OPERATING SUPPLIES	CAREY, JAMES	DOG PARK REIMBURSEMENTS	275.44	76025
Total For Dept 758 DOG PA				275.44	
Dept 774 RECREATION CONTRIBUTIONS					
260-774-740.000	DONNA JEAN FORD GARDEN	AQUARIUS LAWN SPRINKLING	INVOICE FOR LOWELL SHOWBO	391.87	76024
Total For Dept 774 RECREA				391.87	
Total For Fund 260 DESIGN				3,051.68	
Fund 581 AIRPORT FUND					
Dept 000					
581-000-920.000	PUBLIC UTILITIES	CONSUMERS ENERGY	ACCOUNT 1000 0009 6030	31.84	76049

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 581 AIRPORT FUND					
Dept 000					
		Total For Dept 000		31.84	
		Total For Fund 581 AIRPOR		31.84	
Fund 590 WASTEWATER FUND					
Dept 000					
590-000-043.000	DUE FROM EARTH TECH	LOWELL LIGHT & POWER	JULY PHONE CHARGES	158.87	76031
590-000-043.000	DUE FROM EARTH TECH	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	5,624.93	76032
590-000-276.000	Sewer Inside 5/8"	PLG INVESTMENTS	UB refund for account: 2-	40.89	76033
		Total For Dept 000		5,824.69	
Dept 551 COLLECTION					
590-551-744.000	UNIFORMS	SOYKA, CODY	REIMBURSEMENT FOR WORK BO	52.99	76088
590-551-864.000	CONFERENCES & CONVENTIONS	MICHIGAN RURAL WATER ASSO	WRWA EXPO - BRECKEN/SOYKA	210.00	76072
590-551-930.000	REPAIR & MAINTENANCE	NAPA AUTO PARTS	ACCOUNT STATEMENT	12.35	76075
590-551-930.000	REPAIR & MAINTENANCE	PLUMMERS ENVIRONMENTAL SE	VIDEO OF SANITARY SEWER	577.50	76076
590-551-970.000	CAPITAL OUTLAY	WILLIAMS & WORKS INC.	MONROE ST RESURFACE, W/S	7,280.77	76041
		Total For Dept 551 COLLEC		8,133.61	
Dept 552 CUSTOMER ACCOUNTS					
590-552-730.000	POSTAGE	POSTMASTER	W/S BILLING POSTAGE	223.82	76023
		Total For Dept 552 CUSTOM		223.82	
Dept 553 ADMINISTRATION					
590-553-801.000	PROFESSIONAL SERVICES	VREDEVELD HAEFNER LLC	SERVICES THRU 7/31/2021	495.00	76092
		Total For Dept 553 ADMINI		495.00	
		Total For Fund 590 WASTE		14,677.12	
Fund 591 WATER FUND					
Dept 000					
591-000-276.000	Water	FEEHAN, PHILLIP	UB refund for account: 3-	65.59	76028
591-000-276.000	Water Inside 5/8"	PLG INVESTMENTS	UB refund for account: 2-	26.38	76033
		Total For Dept 000		91.97	
Dept 570 TREATMENT					
591-570-740.000	OPERATING SUPPLIES	BERNARDS ACE HARDWARE	ACCOUNT STATEMENT	19.04	76046
591-570-740.000	OPERATING SUPPLIES	TRACTOR SUPPLY CREDIT PLA	ACCOUNT STATEMENT	54.99	76089
591-570-740.000	OPERATING SUPPLIES	HACH COMPANY	WTP SUPPLIES	410.25	76058
591-570-740.000	OPERATING SUPPLIES	IDEXX DISTRIBUTION CORP.	WTP SUPPLIES	1,232.53	76061
591-570-740.000	OPERATING SUPPLIES	USA BLUE BOOK	WTP SUPPLIES	99.88	76090
591-570-801.000	PROFESSIONAL SERVICES	RS TECHNICAL SERVICES, IN	WTP PREVENTIVE MAINTENANC	1,529.55	76083
591-570-850.000	COMMUNICATIONS	LOWELL LIGHT & POWER	JULY PHONE CHARGES	101.22	76031
591-570-860.000	TRAVEL EXPENSES	VISA	MERCANTILE VISA STATEMENT	80.03	76091
591-570-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	5,394.51	76032
591-570-955.000	MISCELLANEOUS EXPENSE	LOWELL LEDGER	ACCOUNT STATEMENT	96.30	76070
		Total For Dept 570 TREATM		9,018.30	
Dept 571 DISTRIBUTION					
591-571-744.000	UNIFORMS	SOYKA, CODY	REIMBURSEMENT FOR WORK BO	53.00	76088
591-571-801.000	CROSS CONNECTIONS	HYDROCORP	CROSS CONNECTION JULY 202	937.00	76060
591-571-864.000	CONFERENCES & CONVENTIONS	MICHIGAN RURAL WATER ASSO	WRWA EXPO - BRECKEN/SOYKA	210.00	76072
591-571-920.000	PUBLIC UTILITIES	LOWELL LIGHT & POWER	ELECTRIC STATEMENTS	4,647.96	76032
591-571-930.000	REPAIR & MAINTENANCE	BERNARDS ACE HARDWARE	ACCOUNT STATEMENT	45.45	76046
591-571-930.000	REPAIR & MAINTENANCE	TRACTOR SUPPLY CREDIT PLA	ACCOUNT STATEMENT	24.99	76089
591-571-930.000	REPAIR & MAINTENANCE	NAPA AUTO PARTS	ACCOUNT STATEMENT	12.34	76075
591-571-930.000	REPAIR & MAINTENANCE	AMAZON CAPITAL SERVICES	WATER DEPT ANT KILLER DUS	15.03	76044
591-571-930.000	REPAIR & MAINTENANCE	AMAZON CAPITAL SERVICES	WATER DEPT ANT BAIT	24.26	76044
591-571-970.000	CAPITAL OUTLAY	WILLIAMS & WORKS INC.	MONROE ST RESURFACE, W/S	7,280.77	76041
		Total For Dept 571 DISTRI		13,250.80	
Dept 572 CUSTOMER ACCOUNTS					
591-572-730.000	POSTAGE	POSTMASTER	W/S BILLING POSTAGE	223.82	76023

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 591 WATER FUND					
Dept 572 CUSTOMER ACCOUNTS					
Total For Dept 572 CUSTOM				223.82	
Dept 573 ADMINISTRATION					
591-573-801.000	PROFESSIONAL SERVICES	VREDEVELD HAEFNER LLC	SERVICES THRU 7/31/2021	495.00	76092
Total For Dept 573 ADMINI				495.00	
Total For Fund 591 WATER				23,079.89	
Fund 636 DATA PROCESSING FUND					
Dept 000					
636-000-740.000	OPERATING SUPPLIES	VISA	MERCANTILE VISA STATEMENT	48.96	76091
636-000-740.000	OPERATING SUPPLIES	VISA	MERCANTILE VISA STATEMENT	97.07	76091
636-000-801.000	PROFESSIONAL SERVICES	ADDORIO TECHNOLOGIES, LLC	ACCOUNT STATEMENT	1,161.25	76042
636-000-801.000	PROFESSIONAL SERVICES	ADDORIO TECHNOLOGIES, LLC	JUNE ACCT STATEMENT	510.00	76042
636-000-801.000	PROFESSIONAL SERVICES	ADDORIO TECHNOLOGIES, LLC	JULY ACCOUNT STATEMENT	1,932.41	76042
636-000-801.000	PROFESSIONAL SERVICES	LOWELL LIGHT & POWER	IT UPGRADE PROJECT 2022	23,582.67	76071
Total For Dept 000				27,332.36	
Total For Fund 636 DATA P				27,332.36	
Fund 661 EQUIPMENT FUND					
Dept 895 FLEET MAINT. & REPLACEMENT					
661-895-727.000	OFFICE SUPPLIES	MITCHELL 1	DPW OFFICE SUPPLIES	2,568.00	76073
661-895-930.000	REPAIR & MAINTENANCE	BETTEN BAKER	W-20 R & M	412.73	76047
661-895-930.000	REPAIR & MAINTENANCE	BETTEN BAKER	#7 FUEL TRUCK R & M	325.39	76047
661-895-930.000	REPAIR & MAINTENANCE	BETTEN BAKER	#W-21 R & M	85.50	76047
661-895-930.000	REPAIR & MAINTENANCE	BETTEN BAKER	#14, R & M	93.86	76047
661-895-930.000	REPAIR & MAINTENANCE	GTW	CYLINDER RENTAL	43.70	76057
661-895-930.000	REPAIR & MAINTENANCE	NAPA AUTO PARTS	ACCOUNT STATEMENT	11.83	76075
661-895-930.000	REPAIR & MAINTENANCE	SAWYER ENGINE & COMPRESSO	#33 PORTABLE COMPRESSOR R	413.99	76086
661-895-930.000	REPAIR & MAINTENANCE	SAWYER ENGINE & COMPRESSO	DPW COMPRESSER R & M	239.74	76086
Total For Dept 895 FLEET				4,194.74	
Total For Fund 661 EQUIPM				4,194.74	
Fund 703 CURRENT TAX COLLECTION FUND					
Dept 000					
703-000-222.000	DUE TO COUNTY-CURRENT TAX	KENT COUNTY TREASURER	TAX DISBURSEMENT	16,859.54	76063
703-000-225.000	DUE TO SCHOOLS	LOWELL AREA SCHOOLS	TAX DISBURSEMENT	97,265.40	76069
703-000-228.009	DUE TO STATE-S.E.T.	KENT COUNTY TREASURER	TAX DISBURSEMENT	59,546.18	76063
703-000-234.000	DUE TO INTERMED SCH DISTR	KENT INTERMEDIATE SCHOOL	TAX DISBURSEMENT	55,169.85	76065
703-000-235.000	DUE TO COMMUNITY COLLEGE	GRAND RAPIDS COMMUNITY CO	TAX DISBURSEMENT	12,310.58	76055
Total For Dept 000				241,151.55	
Total For Fund 703 CURREN				241,151.55	

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

Fund 101	GENERAL FUND	86,486.18
Fund 202	MAJOR STREET FUN	8,165.91
Fund 203	LOCAL STREET FUN	4,297.95
Fund 248	DOWNTOWN DEVELOP	36,585.24
Fund 249	BUILDING INSPECT	17,665.20
Fund 260	DESIGNATED CONTR	3,051.68
Fund 581	AIRPORT FUND	31.84
Fund 590	WASTEWATER FUND	14,677.12
Fund 591	WATER FUND	23,079.89
Fund 636	DATA PROCESSING	27,332.36
Fund 661	EQUIPMENT FUND	4,194.74
Fund 703	CURRENT TAX COLL	241,151.55

466,719.66

# CITY OF LOWELL, MICHIGAN Wastewater Treatment System Valuation Report

August 3, 2021



**PFM Financial Advisors LLC**  
213 Market Street - Suite 3  
Harrisburg, PA 17101



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Mr. Michael Burns, Manager of the City of Lowell  
301 E. Main Street  
Lowell, MI 49331

Dear Mr. Burns,

At the request of the City of Lowell ("City"), Michigan, PFM Financial Advisors LLC ("PFM") has prepared the enclosed Wastewater Treatment Valuation Report which values the City's wastewater system. It is important to note that only the City's wastewater treatment plant and associated system components were valued. The City's system of collection and conveyance pipes and apparatuses which serves various customer types within City limits was not valued as it is not being considered for sale.

At the direction of the City, PFM worked under the premise that the only potential purchaser of the system at this time is Lowell Township, Michigan which is currently a wholesale unregulated customer, part owner of the system, and located less than ten miles from the City. PFM did not assess what the system could be worth in the open market. While other publicly owned and privately owned buyers potentially exist in the market, this valuation and analysis focuses solely on Lowell Township (or a similar unregulated purchaser) acquiring the wastewater treatment assets of the City of Lowell.

PFM focused on the Income Approach to Valuation for this engagement, but also considered the Cost Approach and Market Approaches as guiding factors. When a public entity is purchasing a public entity and the system will remain unregulated, the Income Approach is typically the preferred valuation methodology. This is because a public entity does not have to go through a regulatory process that may take all three approaches into account. Instead, a public entity will be much more influenced and affected by future cashflows which is what the Income Approach values. As previously stated, the Cost and Market approaches were still used in this valuation, however they were given less weight than the Income Approach.

Based on those assumptions and our analysis which is described in this report, the estimated value of the City's of Lowell's wastewater treatment system as of July 31, 2021 is \$7,245,000.

The following report supports and explains our findings. We thank the City for the opportunity to provide our services and look forward to assisting the City with achieving its future goals regarding its water and wastewater utilities.

Respectfully Submitted,

Ben Kapenstein, Senior Managing Consultant  
PFM Financial Advisors LLC



## Table of Contents

- Introduction
- Description of the City of Lowell
- Description of the Wastewater Treatment System
- Interjurisdictional Sanitary Sewer Use Agreement with Lowell Township
- Summary of Findings
- Important Issues to Consider When Exploring a Sale
- Income Approach (Including Cost of Capital Calculation)
- Cost Approach
- Market Approach
- Conclusion of Value
- Debt, Cash on Hand & General Fund Transfers
- Important Notes





## Introduction

At the request of the City of Lowell, PFM Financial Advisors LLC (“PFM”) has prepared the following Wastewater Treatment System Valuation Report. The purpose of the report is to determine the estimated value of the City’s wastewater treatment system. PFM has been instructed to work under the premise that the only potential purchaser of the system is the Lowell Township, a neighboring municipality and part owner of the system.

Assumptions - PFM has assumed that the wastewater treatment system will continue to be operated as a collective system that serves customers. Additionally, PFM accepted all information provided by the City “as is”, meaning that it has not been independently verified by PFM.

Valuation Methodology - This report focuses on the Income Approach to valuation, but also uses the Cost and Market Approaches as guiding factors.

Users of the Report - The intended users of the report are the City administration, elected officials, and other interested stakeholders.

System Site Inspection – PFM and its utility consultant inspected the system on July 8<sup>th</sup> and 9<sup>th</sup> of 2021. PFM’s utility consultant generally found the assets to be in good working condition.

Information Sources – In order to conduct its analysis, PFM was provided information by the City of Lowell. This included but was not limited to the following sources:

- Audits
  - 2020, 2019, & 2018 Audits
- 2021 Budget
- Debt Amortization Schedule
- Copy of Annual Pumpage 2019-2020
- Capital Assets
- Billing W-S by Class 2019-2020
- Historic Flows Calendar 1990-2020
- Sewer Agreement
- 10-Year Rates – Lowell Township
- Equipment Inventory
- WWTP Asset Inventory
- Wastewater Treatment Plant Capacity Analysis
- WWTP CIP
- Water & Sewer Rate Projections



## Description of the City of Lowell

Lowell is a city in Kent County, Michigan. The population was 3,783 at the 2010 census. The city is in the northern portion of Lowell Township, but is politically independent. Lowell is situated just north of where the Flat River meets the Grand River. The Flat River bisects downtown with main street crossing the river and connecting the east and west portions of the business district. The City consists of approximately 3.1 square miles. The City is bordered by Vergennes Township on the north and Lowell Township on the west, south and east.

## Description of the Wastewater Treatment System

Construction on the 1.42 million gallons per day wastewater treatment plant was completed in 1989. The technology used at the plant is the oxidation ditch process. The City of Lowell has an 82% ownership interest in the treatment plant assets, with Lowell Township possessing the remaining 18%. The City contracts with Suez to operate and maintain the treatment plant. Currently, the plant accepts waste from the City and from Lowell Township for treatment at the plant. It is also important to note that while the City also owns a wastewater collection system that collects waste and conveys it to the plant, those assets are not being considered for sale.

The current treatment agreement, called the Interjurisdictional Sanitary Sewer Use Agreement, between the City and Township is summarized in **Table 1**. Please note that PFM recommends that the City consult with its legal advisor for a full description and explanation of any contract. PFM is not a legal advisor.

A summary of the wastewater system's recent financial results is shown in **Table 2**. It is important to note that these results include not just the wastewater treatment system, but also the City's collection system. Only the treatment system is being considered for sale.





**Table 1**

<b>Interjurisdictional Sanitary Sewer Use Agreement Summary</b>	
<b>Parties</b>	-City of Lowell & Township of Lowell
<b>Date</b>	-8/1/1987
<b>Purpose</b>	<ul style="list-style-type: none"><li>-Agreement for Township to send flow to City owned WWTP</li><li>-Township reserves 18% of design capacity of WWTP (252,000 GPD)</li><li>-Township can not send any flow that comes from outside Township</li><li>-Township customers must connect at no charge to the City</li><li>-Township Manager submits new plans to City Manager. City Manager has 30 days to approve or disapprove.</li><li>-Township will enforce mandatory connection requirement.</li><li>-Township maintains meters at no cost to the City.</li><li>-City agrees to repair and maintain service to the Township system.</li><li>-Township agrees that City has exclusive right to provide treatment service for all customers within Township located North of the Grand River who are not connected to a private system.</li></ul>
<b>Rates (Monthly)</b>	<ul style="list-style-type: none"><li>-Wholesale Agreement</li><li>-Rate comprised of:<ul style="list-style-type: none"><li>-Volumetric User Charge based on Wastewater volume.</li><li>-Capital charge of 18% of debt service costs.</li></ul></li><li>-Rates reviewed annually. City must meet with Township.</li><li>-If parties don't agree, submitted to 3 person panel (1 City, 1 Twp, 1 they choose) and a majority decision is made.</li></ul>
<b>Initial Capital Injection</b>	<ul style="list-style-type: none"><li>-City contributed \$533,834</li><li>-Township contributed \$117,183</li></ul>
<b>Capital</b>	-Township can contribute cash to offset capital rate impacts.
<b>Additional Charges</b>	-City charges Township for repair and maintenance of Township system.
<b>Agreement Term</b>	-40 years or sooner if both parties agree or a party breaches

*\*Please consult with your legal advisor for a full description and explanation of any contract. PFM is not a legal advisor.*



**Table 2**

	Audited 2018	Audited 2019	Actual 2020
<b><u>OPERATING REVENUES</u></b>			
Charges for Services	919,176	1,242,675	1,051,990
Other	2,278	3,438	4,026
<b>Total Operating Revenues</b>	<b>921,454</b>	<b>1,246,113</b>	<b>1,056,016</b>
<b><u>OPERATING EXPENSES</u></b>			
Treatment	777,881	825,692	718,398
Transmission and distribution	111,808	102,487	113,596
Customer accounts	80,057	118,973	82,809
Administrative and general	162,041	130,442	124,399
Change in benefit liability	-	-	89,557
Depreciation	97,242	101,396	92,388
<b>Total Operating Expenses</b>	<b>1,229,029</b>	<b>1,278,990</b>	<b>1,221,147</b>
<b>Operating Income (Loss)</b>	<b>(307,575)</b>	<b>(32,877)</b>	<b>(165,131)</b>
<b><u>Non-Operating Revenues &amp; Expenses</u></b>			
Investment Earnings	12,413	(5,038)	(10,255)
Interest Expense	(79,701)	(76,859)	(75,506)
Capital Grants	255,539	296,307	165,010
Loss on Disposal of Capital Assets	-	-	-
Transfer In/Out	-	-	-
<b>Subtotal - Non-Operating Revenues &amp; Expenses</b>	<b>188,251</b>	<b>214,410</b>	<b>79,249</b>
<b>Net Change in Assets</b>	<b>(119,324)</b>	<b>181,533</b>	<b>(85,882)</b>

**Summary of Findings**

PFM has determined the estimated value of the City's of Lowell's wastewater treatment system as of July 31, 2021 to be \$7,245,000. All three valuation approaches were given weight, but the Income Approach to valuation was the primary driver. The results of each valuation approach are listed below.

Valuation Approach	Indicated Value
Income	\$7,250,000
Cost	\$7,173,000
Market	\$7,229,000



## **Important Issues to Consider When Exploring a Sale**

This valuation is only one component that the City should consider when exploring a sale of its wastewater treatment system. Other important topics include but are not limited to:

**Rates** – There can protections built into any agreement for customers of the system.

**Employees** – It is important that protections for current employees are a part of any deal that gets made. Typically, all employees are offered employment with the Buyer.

**Public Outreach and Transparency** – PFM can assist the City with explaining the sale process to its constituents including presentations, public hearings, and information sessions.

## **Income Approach**

The *income approach* calculates the net income available over a reasonable period of time or over the future life expectancies of the assets. This approach utilizes the system's revenues, expenses, and capital requirements to determine a value of the income stream. There are numerous variables that impact the results of this method including, but not limited to, projected rate increases, the speed and size of capital projects, and the expected future size of the work force.

PFM studied various source financial documents provided by the City and analyzed the income generated from the service rendered to the system's customers. In order to analyze what the system could be worth under various future scenarios; a flexible financial model was developed that allowed PFM to stress test future financial possibilities. The financial model uses many different assumptions including but not limited to:

- Revenue/Rate Growth
- Inflation Growth
- Operating Efficiencies
- System Growth
- Capital Borrowings & Debt Service
- Annual Capital Spend
- Weighted Average Cost of Capital

## **2021 Operating Cashflow (Treatment vs. Collection)**

The City provided PFM with a breakout of 2021 projected cashflows (treatment system vs. collection system). When valuing the system, PFM only considered the treatment system cashflows. See **Table 3** for the breakout. Please note, the cashflows of the system only consider recurring revenues and expense items. In addition, operating cashflow does not include debt payments or capital expenses that are paid in cash. When looking at **Table 3**,



you may notice that the treatment breakout operating cashflow is only \$17,547. The collection breakout operating cashflow shows a value of \$346,487. Therefore, it appears that currently the collection system is subsidizing the treatment system and when split apart, the treatment system is in a worse financial position than the collection system.

**Table 3**

<b>OPERATING REVENUES</b>	<b>Budget 2021-22</b>	<b>Treatment Breakout</b>	<b>Collection Breakout</b>
<b>Charges for Services</b>			
Sewer Tap Fee	-	-	-
Readiness to Service Charge	603,606	-	603,606
Township Service Charges	60,000	60,000	-
Other Township Charges	21,600	21,600	-
Sewer Only Service Charge	12,000	-	12,000
Capital Connection Charge	4,000	-	4,000
2% Late Fee	3,000	-	3,000
Industrial Treatment Charges	15,000	15,000	-
Dumping Fees	300	300	-
Late Fee	-	-	-
Metered Sales	381,912	381,912	-
<b>Subtotal - Charges for Services</b>	<b>1,101,418</b>	<b>478,812</b>	<b>622,606</b>
<b>Other Revenues</b>			
<b>Subtotal - Other Revenues</b>	<b>201,433</b>	<b>201,433</b>	<b>-</b>
<b>TOTAL REVENUES</b>	<b>1,302,851</b>	<b>680,245</b>	<b>622,606</b>
<b>OPERATING EXPENSES</b>	<b>Budget 2021-22</b>	<b>Treatment Breakout</b>	<b>Collection Breakout</b>
<b>Treatment</b>			
<b>Subtotal - Treatment</b>	<b>524,665</b>	<b>524,665</b>	<b>-</b>
<b>Collections</b>			
<b>Subtotal - Collections</b>	<b>212,367</b>	<b>-</b>	<b>212,367</b>
<b>Customer Accounts</b>			
<b>Subtotal - Customer Accounts</b>	<b>74,281</b>	<b>74,281</b>	<b>-</b>
<b>Administration</b>			
<b>Subtotal - Administration</b>	<b>127,504</b>	<b>63,752</b>	<b>63,752</b>
<b>TOTAL EXPENSES</b>	<b>938,817</b>	<b>662,698</b>	<b>276,119</b>
<b>OPERATING CASH FLOW</b>	<b>364,034</b>	<b>17,547</b>	<b>346,487</b>
<b>RECONCILIATION TO 2021-2022 BUDGET</b>	<b>Budget 2021-22</b>	<b>Treatment Breakout</b>	<b>Distribution Breakout</b>
Original Budgeted Deficit	(192,479)	(263,741)	71,262
Adjustments:			
Add: Depreciation	110,000	55,000	55,000
Add: Capital	295,225	75,000	220,225
Add: Bond P&I	151,288	151,288	-
<b>Calculated Operating Cash Flow</b>	<b>364,034</b>	<b>17,547</b>	<b>346,487</b>



## Cost of Capital Calculation & Income Approach Value

In order to determine the cost of capital for the Income Approach, PFM used its municipal bond pricing team to determine the estimated borrowing cost of the City's system. PFM is among the most active participants in the municipal financing market. We have constant access to market information and trends and are able to leverage our national footprint and firm-wide knowledge to help determine the cost of capital for clients. PFM utilizes an in-house proprietary pricing database that contains detailed pricing information of every single bond issue that has priced in the United States.

PFM has determined that the estimated 20-year cost of capital (borrowing cost) for the City's wastewater treatment system is 2.75%.

Using this cost of capital as well as the figures provided by the City, PFM developed a financial model that solved for a suggested debt service coverage ratio. A Debt Service Coverage Ratio or ("DSCR") is calculated by taking the net operating income and dividing it by the total debt service. The DSCR is an indication of the ability of a municipality to meet its debt service payments that will be due on the debt it has issued.

In the municipal bond market, revenue bonds are issued by utilities and other entities to finance various capital projects. Revenue bonds are often known as self-supporting debt and are backed by a dedicated revenue stream. In practice, an example is a City utility system borrowing money in the municipal market using revenue bonds for which the future debt service payments will be made using funds paid by customers paying for their utility service. When analyzing the ability of that City utility to make its debt service payments, rating agencies such as Moody's and S&P will use the system's historical, current, and projected future DSCR as an important rating metric. It's for this reason that many utility systems have a target or mandated DSCR. Typically, if mandated, the DSCR is located in the utility's bond indenture. Even if not mandated, calculating, and keeping track of a utility's DSCR is a very important aspect of utility financial management.

### MODEL SAMPLE

OPERATING EXPENSES	Budget 2013 LE	Current 2013	2014	2015	2016	2017	2018	2019	2020
<b>Treatment</b>									
Salaries - Overtime	170	1,000%	224	228	232	236	239	243	246
Social Security	15	1,000%	15	16	16	16	17	17	17
Workers Compensation	10	1,000%	10	11	11	11	11	11	11
Communications	100	1,000%	95	111	110	109	111	110	110
Rentals	300	1,000%	306	311	316	321	326	331	336
Professional Services	5,000	1,000%	5,100	5,200	5,300	5,400	5,500	5,600	5,700
Contractual	185,340	1,000%	180,000	181,000	182,000	183,000	184,000	185,000	186,000
Insurance	17,500	1,000%	17,950	18,200	18,450	18,700	18,950	19,200	19,450
Major & Maintenance	25,000	1,000%	25,000	25,100	25,200	25,300	25,400	25,500	25,600
<b>Subtotal - Treatment</b>	<b>524,815</b>		<b>529,270</b>	<b>533,271</b>	<b>537,272</b>	<b>541,273</b>	<b>545,274</b>	<b>549,275</b>	<b>553,276</b>
<b>Customer Accounts</b>									
Salaries - Permanent	14,814	1,000%	14,814	15,222	15,630	16,038	16,446	16,854	17,262
Salaries - Meter Reads	1,070	1,000%	1,070	1,080	1,090	1,100	1,110	1,120	1,130
Social Security	1,149	1,000%	1,129	1,148	1,167	1,187	1,206	1,225	1,244
Health Insurance	1,751	1,000%	1,820	1,888	1,957	2,026	2,095	2,164	2,233
Life Insurance	55	1,000%	60	65	70	75	80	85	90
Pension	11,819	1,000%	12,558	13,297	14,036	14,775	15,514	16,253	16,992
Longevity	151	1,000%	149	147	145	143	141	139	137



## Future Capital Plans

When developing the Income Approach, PFM used the estimated future capital spending plan that was provided by the City. That plan shows \$9,268,000 of various wastewater treatment plant projects through 2029. It's also important to note that sometime within the next decade, the City expects a plant upgrade to be necessary. The estimated cost to upgrade the plant was not included in our analysis as the City has advised that it is still in the planning stage and the ultimate project scope and cost has yet to be determined (preliminary estimates show a cost of \$7,800,000). It is safe to assume that regardless of whether or not the treatment system is sold, future required rates will be heavily affected by these large capital projects.

## Rates

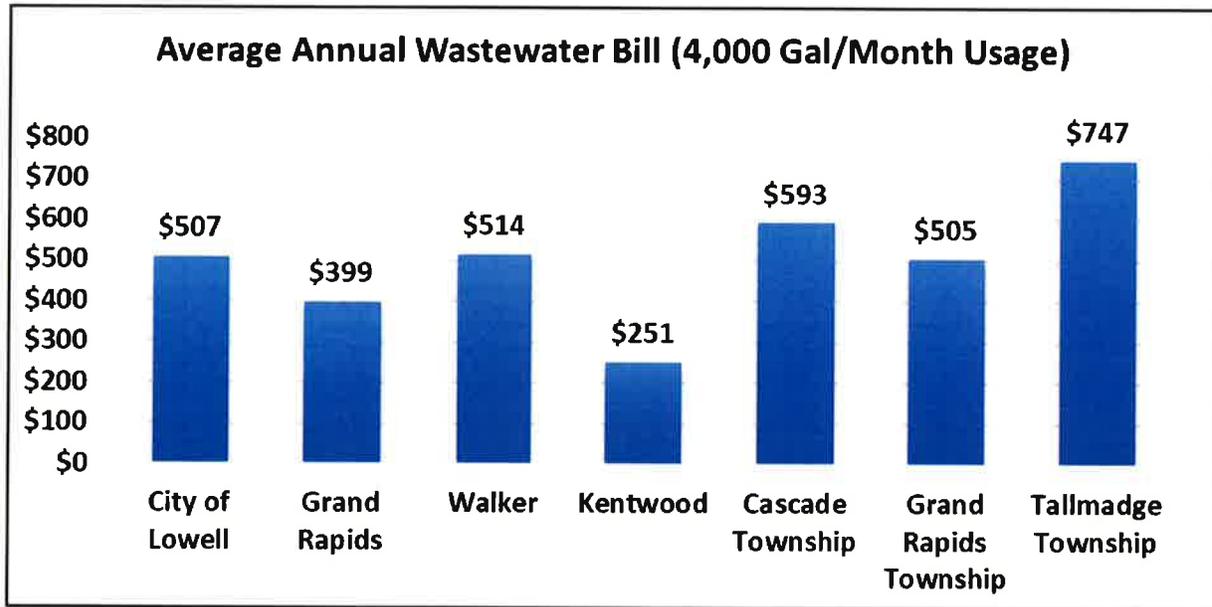
When developing the Income Approach, PFM reviewed the rates that the City currently charges its customers (shown in **Table 4**) The rates shown are for treatment and collection services. Additionally, PFM analyzed a few neighboring utility customers average bills to figure out how the City's current rates compare to the surrounding market. The results of that comparison are shown in **Table 5**. It's important to note that only publicly available information was used in these calculations (not all neighboring municipalities had publicly available wastewater rate information).

**Table 4**

<b>CITY LOWELL SEWER RATE &amp; FEE SCHEDULE</b>			
RATE/FEE	PRIOR	7/1/2020	Proposed 2022 Budget
<b>SEWER RATES:</b>			
<u>Readiness to Serve Charge</u>			
5/8" (Residential)	\$24.44	\$24.93	\$25.43
1"	\$61.11	\$62.33	
1.5"	\$195.52	\$199.43	
2"	\$244.41	\$249.30	
3"	\$549.92	\$560.92	
4"	\$1,466.47	\$1,495.80	
6"	\$3,665.81	\$3,739.13	
Mobile Home Park Trailer Pad	\$24.44	\$24.93	
Apartment Unit	\$24.44	\$24.93	
Unmetered Flat Rate	\$58.78	\$59.96	
<u>Consumption Charge Per 1,000 G</u>	\$4.04	\$4.12	\$4.20
<u>City Average Annual Sewer Bill</u>			
Residential (4,000 Gal/Month)	<b>\$487</b>	<b>\$497</b>	<b>\$507</b>
<u>Township Consumption Charge Per 1,000 Gal</u>		\$1.18	



**Table 5**



When running the Income Approach financial models, PFM assumed that future rates would increase enough annually to produce a DSCR of at least 1.10x in the majority of future years in the study period (meaning that projected operating revenues were at least 110% of projected operating expenses). A 1.10x DSCR is a common minimum target of many municipally owned utility systems.

After review of the City's 2021 Wastewater Fund Budget, the current rates being charged to customers, future capital improvement needs, and the internal breakout of treatment vs. distribution system financials, it appears that a significant rate increase would be required to create sufficient cashflow to pay for expenses if the treatment system was separated from the distribution system. The estimated rate increases used in the model show a 10-year Compound Annual Growth Rate (CAGR) of **14.00%**. These increases are primarily driven by the future capital spending plan which is significant compared to current operations. To illustrate, the current book value (or net assets) of the system is \$4,782,113. In the next 8 years, however, the system is targeting a new capital spend of \$9,268,000 which is almost double the current net assets. This is without factoring in the plant expansion which is estimated at \$7,800,000.

Much of the Income Approach valuation described in this report is derived from the amount and speed of future rate increases (i.e., if customers pay higher rates, the system will most likely have a higher value in sale scenario). Without rates being increased substantially, the system finding another revenue source (such as customer growth which was assumed in the model and alleviates some of the extra cost), or expenses being decreased, a purchaser of the system may not be able to generate sufficient cashflow to cover future



expenses including paying back the debt used to acquire the system. This could make a sale difficult or even unattainable. Even if the system is not sold, future capital spending will inevitably drive rates higher.

As previously stated, the collection system was not included in our analysis (at the direction of the City). If the treatment system is sold and the collection system remains with the City, there is a possibility that collection system rates could be decreased which could partially offset the increases in the treatment system. This is driven

by the current subsidization that the collection system appears to provide to the treatment system. Whether or not rates can be decreased in the collection system is dependent on many variables including future operating expenses and capital costs, but something that the City may want to further explore if the treatment system is sold.

After assessing all of those factors, PFM's calculated value under the Income Approach method is shown in **Table 6**.

**Table 6**

Valuation Approach	Indicated Value
Income	\$7,250,000

**Cost Approach**

The *cost approach* utilizes the depreciated original cost or book value of the fixed capital assets of the utility system. The book value represents the original costs of the fixed capital assets depreciated to the date of the study utilizing life expectancies for utility assets. This approach relies on asset data that was provided by the City.

In order to develop the depreciated original costs as of July 31, 2021, PFM started with the asset list provided by the City. This asset list included the original costs of the assets, their placed in service dates, and their estimated useful lives. PFM then increased the average useful lives of the assets to more properly reflect utility life expectancies. The service lives were adjusted due to the assets actual useful lives being expected to be longer than what was shown in the current accounting system. Typically, accountants or CPAs will use much shorter estimated useful lives than can actually be expected in practice.

Based on these revised depreciation calculations, we have determined the depreciated original cost or book value of the system to be \$4,782,113 on July 31, 2021. The calculation (asset list) is shown in **Table 7**.



**Table 7 – Asset list**

Wastewater Treatment Asset	Est. Year Placed in Service	Estimated Useful Life (Years)	Est. Original Cost	Annual Depreciation	Accrued Depreciation	Net Book Value
TREATMENT PLANT	1967	70	\$363,482	\$5,193	\$280,400	\$83,082
LAND TREATMENT PLANT	1967	5	\$3,000	\$600	\$3,000	\$0
TREATMENT PLANT	1969	70	\$7,618	\$109	\$5,659	\$1,959
TREATMENT PLANT	1970	70	\$8,016	\$115	\$5,840	\$2,176
WITH NEW PLANT	1988	70	\$482,065	\$6,887	\$227,259	\$254,806
NEW SEWER PLANT	1989	70	\$4,465,426	\$63,792	\$2,041,338	\$2,424,088
ADDITIONAL SEWER PLANT	1989	70	\$18,865	\$270	\$8,624	\$10,241
NEW SEWER PLANT EQUIPMEN	1989	50	\$547,198	\$10,944	\$350,207	\$196,991
MASONRY REPAIR	1997	70	\$6,800	\$97	\$2,331	\$4,469
ROTARY DRUM THICKENER	1998	25	\$139,832	\$5,593	\$128,645	\$11,187
ENTRANCE RELOC INST	1999	25	\$7,246	\$290	\$6,376	\$870
GARAGE	1999	25	\$9,800	\$392	\$8,624	\$1,176
PORTABLE GENERATOR	2001	10	\$22,750	\$2,275	\$22,750	\$0
ROOF WASTEWATER PLAN	2005	30	\$32,577	\$1,086	\$17,374	\$15,203
REX SERIES 1000 BAR SCREEN	2007	20	\$59,000	\$2,950	\$41,300	\$17,700
LOADCELL 10 INCH W/ FILLED E	2008	20	\$6,675	\$334	\$4,339	\$2,336
REPLACEMENT OF ROOFTOP A	2009	30	\$17,697	\$590	\$7,079	\$10,618
DITCH SUPPORT STRUCTURE	2016	25	\$80,500	\$3,220	\$16,100	\$64,400
VOIP PHONE SYSTEM SEER DE	2017	10	\$8,188	\$819	\$3,275	\$4,913
OXIDATION DITCH REPAIRS	2017	50	\$90,520	\$1,810	\$7,242	\$83,278
WATER PUMP AND LIFT STATIO	2017	30	\$1,617,934	\$53,931	\$215,725	\$1,402,209
VOIP PHONE PROJECT	2018	10	\$3,375	\$338	\$1,013	\$2,363
OXIDATION DITCH	2018	50	\$5,000	\$100	\$300	\$4,700
Lowell West Oxidation Ditch Cleanout and Repair	2019	50	\$112,863	\$2,257	\$4,515	\$108,349
CONCRETE INSTALL AT DIGESTER 3 (EST.)	2021	70	\$60,000	\$857	\$0	\$60,000
STEEL AND CONCRETE WORK AT WWTP (EST.)	2021	70	\$15,000	\$214	\$0	\$15,000
<b>Totals</b>			<b>\$8,191,428</b>	<b>\$165,061</b>	<b>\$3,409,315</b>	<b>\$4,782,113</b>

Typically, a utility system will sell for a multiple of book value. The market to book value multiples considered for this report ranged from 1.25x to 1.75x based on similar transactions that have priced in the municipal utility sale market. The final value under the Cost Approach is shown in **Table 8**.

**Table 8**

Valuation Approach	Indicated Value
Cost	\$7,173,000

**Market Approach**

The *market approach* studies comparable sales of similar utility systems. There was no information available for an exact comparable sale to the City's system, however, PFM extrapolated values from market information that can be used to compare and derive a value under this approach. This is not unusual since there are no two utility systems exactly alike in operating requirements and capital investment per customer.



For the Market Approach, PFM used the EBITDA approach. EBITDA stands for Earnings Before Interest, Taxes, Depreciation, and Amortization. EBITDA is commonly used as an indicator of a utility's financial performance. It is often used to analyze and compare profitability between companies and industries because it eliminates the effects of financing and accounting decisions. In municipal utility systems, EBITDA is usually similar to operating cashflow. Due to the treatment system currently producing a minimal operating cashflow, the revenues and expenses were adjusted to reflect the expected cashflow two years after sale. The Original and Adjusted EBITDA calculations are shown in **Table 9**.

**Table 9**

ORIGINAL EBITDA	
Operating Revenues	\$680,245
Operating Expenses	<u>\$662,698</u>
<b>ORIGINAL EBITDA</b>	<b>\$17,547</b>

ADJUSTED EBITDA	
Operating Revenues	\$1,085,798
Operating Expenses	<u>\$724,323</u>
<b>ADJUSTED EBITDA</b>	<b>\$361,475</b>

The EBITDA multiples considered for this Report ranged from 15.0x to 25.0x based on similar transactions that have priced in the municipal utility sale market. The final value under the Market Approach is shown in **Table 10**.

**Table 10**

Valuation Approach	Indicated Value
<b>Market</b>	<b>\$7,229,000</b>

**Conclusion of Value**

In order to calculate the final value of the City's wastewater treatment system, PFM weighted each valuation approach. Due to the fact that the only buyer that is being considered by the system at this moment in time is a municipality (Lowell Township), PFM elected to give a weight of 90% of the Income Approach. The reason is that when a public entity is purchasing another public entity and the system will remain unregulated, the Income Approach is typically the preferred valuation methodology. This is because a public entity does not have to go through a regulatory process which can set a "rate base" that may take all three approaches into account. Instead, a public entity will be much more influenced and affected by future cashflows which is what the Income Approach values.



The Cost and Market Approaches were each given a weight of 5%. While these approaches would typically be weighted higher if a regulated company were purchasing the assets, they are much less concerning for a non-regulated entity. It does not mean, however, that the values calculated under these approaches are not meaningful, just less valued than the Income Approach.

**Table 11** shows the results under each valuation approach. **Table 12** shows the Final Calculated Value of the City's wastewater treatment system. As previously stated, the valuation is highly dependent on future allowable rate increases. These rate increases are one of the large factors that influence the Income Approach to valuation.

**Table 11**

Valuation Approach	Indicated Value	Weight	Weighted Value
Income	\$7,250,000	90%	\$6,525,000
Cost	\$7,173,000	5%	\$358,650
Market	\$7,229,000	5%	\$361,450



**Table 12**

Final Calculated Value of the City's Wastewater Treatment System
\$7,245,000

**Debt, Cash on Hand, and General Fund Transfers**

If sold, all debt would have to be retired prior to transferring the system to the Buyer (unless the debt is assumed). Additionally, any funds that remain on hand at closing that are related to wastewater treatment would be used to first pay off liabilities including debt, with the remaining amount to be returned to the City. Separately, if the City is currently transferring any funds from the wastewater treatment fund to the general fund, those transfers will cease after closing.



### **Important Notes**

It is important to note that PFM understands that Lowell Township has an 18% ownership interest in the wastewater treatment plant. The Final Calculated Value is for the full system (100%). If a sale were to occur, the City and Townships' equity in the system would have to be considered.

PFM understands that after the valuation stage of the City's process, a sale of the wastewater treatment system and/or water treatment system may be contemplated. PFM regularly advises its public sector clients on the sale of utility assets and would be interested and excited to help the City through that process. If the City is interested in retaining PFM after the valuation, we would be happy to discuss. In addition to retaining PFM to consult on a sale, the City may also consider hiring a special legal counsel to analyze existing agreements and draft an asset purchase agreement.

We want to thank the City for the opportunity to complete this Report. If there are any questions, please do not hesitate to reach out to us.

Sincerely,

PFM Financial Advisors LLC  
Ben Kapenstein, Senior Managing Consultant



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## **DISCLAIMER**

The information and any analyses contained in this presentation are taken from, or based upon, information obtained from the recipient or from publicly available sources, the completeness and accuracy of which has not been independently verified and cannot be assured by PFM. The information and any analyses in these materials reflect prevailing conditions and PFM's views as of this date, all of which are subject to change. To the extent projections and financial analyses are set forth herein, they may be based on estimated financial performance prepared by or in consultation with the recipient and are intended only to suggest reasonable ranges of results. Opinions, results, and data presented are not indicative of future performance. The printed presentation is incomplete without reference to the oral presentation or other written materials that supplement it. To the extent permitted by applicable law, no employee or officer of PFM's financial advisory business, nor any of PFM's affiliated companies, accept any liability whatsoever for any direct or consequential loss arising from negligence or from any use of this presentation or its contents. The ultimate decision to proceed with any transaction rest solely with the client.

The PFM Limited Scope Valuation was prepared at a very early stage with the limited intent of providing our client with a general idea of the potential range of value of its system so our client can make an assessment to explore or not explore the possibility of a sale. The Valuation was not prepared based on an evaluation of the condition of the assets or even the full scope of the assets that make up the wastewater system and was based on limited data. It was not prepared based upon a formal engineer's assessment of the assets to be sold or in accordance with USPAP standards.

# City of Lowell, Michigan



## Limited-Scope Valuation of the City's Water Treatment System



August 3, 2021

Prepared By:  
PFM Financial Advisors LLC

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PFM Financial  
Advisors LLC

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## Introduction & Assumptions

1. PFM has been engaged by the City of Lowell to provide a limited-scope valuation of its municipally owned water treatment system.
  - a. Per the City's instructions, the water distribution system (conveyance pipes) are not being considered for sale and are therefore not being valued.
  
2. The following presentation describes the valuation techniques that were used as well as provides readers with other relevant analysis of the City's system.
  
3. Assumptions made by PFM:
  - a. We assumed that the water treatment system assets would continue to be operated as a collective system that serves customers.
  - b. We accepted all information provided by the City "as is", meaning that it has not been independently verified by PFM.



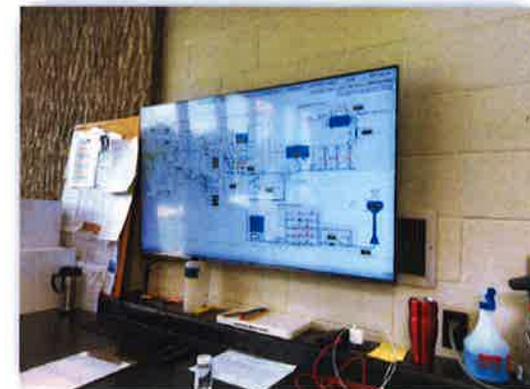
# Important Issues to Consider When Exploring a Sale

1. **The limited-scope valuation is only one component that the City should consider when exploring a sale of its water treatment system. Other important issues include but are not limited to:**
  - a. **Rates** – There can be protections built into any agreement for customers of the system.
  - b. **Employees** – It is important that protections for current employees are a part of any deal that gets made. (typically, all employees are offered employment with Buyer)
  - c. **Public Outreach and Transparency** – PFM can assist the City with explaining the sale process to its constituents including presentations, public hearings, and information sessions.



# General Description of Water Treatment System Assets

1. Lime softening Water Treatment Plant & associated equipment
  - a. 1.75 million gallons per day
2. 4 ground supply wells
3. Provides water for the City as well as Lowell Township
4. Lab & associated equipment
5. SCADA equipment at the Water Treatment Plant
6. Other miscellaneous equipment



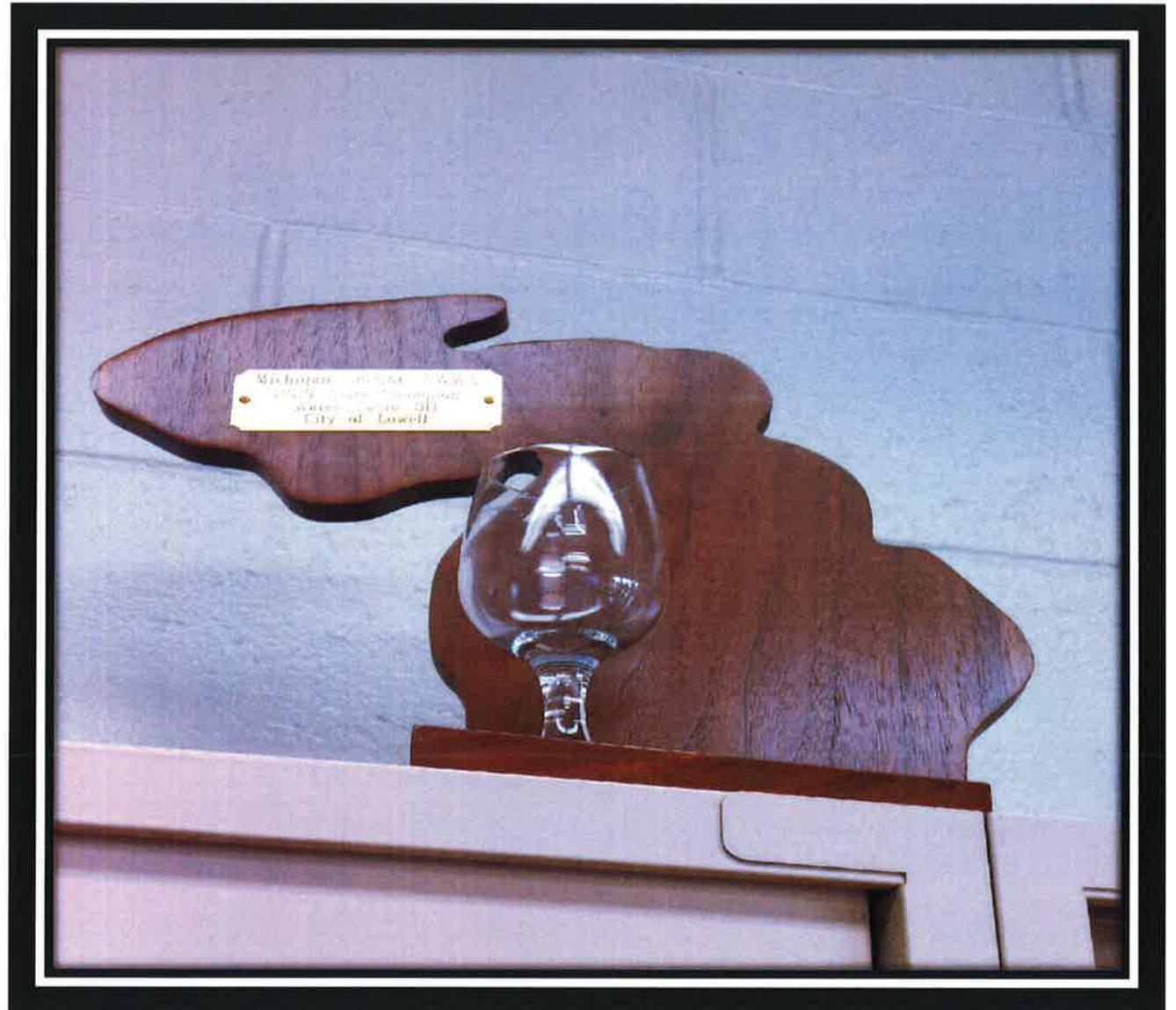


## Important Information for Valuation

1. At the direction of the City, PFM worked under the premise that the only potential purchaser of the system at this time is Lowell Charter Township, Michigan, which is currently a wholesale non-regulated customer of the system and is located less than ten miles from the City. PFM did not assess what the system could be worth in the open market. While other publicly owned and privately owned buyers potentially exist, this valuation and analysis focuses solely on Lowell Charter Township (or a similar non-regulated utility) acquiring the treatment assets of the City of Lowell.
  - a. It is for this reason that our analysis focuses on the Income Approach to valuation (but also considers the Cost and Market Approaches).
  
2. When a non-regulated entity is purchasing another non-regulated entity and the system will remain unregulated, the Income Approach is typically the preferred valuation methodology. This is because a non-regulated utility does not have to go through a regulatory process that may take all three valuation approaches into account. Instead, a public entity will be much more influenced and affected by future cashflows which is what the Income Approach values. As previously stated, the Cost and Market approaches were still used in this valuation, however they were given less weight than the Income Approach.



# Cost, Income, & Market Approaches to Valuation





# Cost Approach - Asset List & Depreciation Schedule

1. The City provided PFM with an asset depreciation schedule which shows all of the water system's assets
  - a. The City then provided PFM with a breakout of treatment vs. collection system assets. Only treatment system assets are included in this valuation.
  - b. PFM adjusted the estimated useful service lives of the assets provided.
  - c. The service lives were adjusted due to the assets actual useful lives being expected to be longer than what was shown in the current accounting system. Typically, accountants or CPAs will use much shorter estimated useful lives than can actually be expected in practice.

Asset	Year Placed in Service	Estimated Useful Life (Years)	Est. Original Cost	Annual Depreciation	Accrued Depreciation	Net Book Value
METERS	1966	20	\$13,207	\$660	\$13,207	\$0
TREATMENT PLANT	1969	50	\$55,151	\$1,103	\$55,151	\$0
METERS	1975	20	\$6,909	\$345	\$6,909	\$0
SITE UTILITIES	1978	50	\$115,000	\$2,300	\$98,900	\$16,100
<b>Totals</b>			<b>\$2,312,242</b>	<b>\$114,740</b>	<b>\$1,508,052</b>	<b>\$804,190</b>

2. The Net Book Value of the water treatment system calculated as of July 31, 2021 is **\$804,190.**



# Cost Approach

1. Typically based on original cost records
2. Cost Approach takes the original cost of the assets and depreciates them to determine the present day Depreciated Original Cost (also known as Book Value)

City of Lowell - Depreciated Original Cost Calculation	
Est. Total Original Cost of the Water Treatment Assets	\$2,312,242
Accumulated Depreciation	\$1,508,052
<b>Depreciated Original Cost</b>	<b>\$804,190</b>

3. Common multiples of Book Value seen in similar transactions are as follows:





# Income Approach – Historical Financials

**Important Note –** The historical financial results show the entire water system including treatment and distribution. Only treatment system financials are being considered for the valuation.



	Audited 2018	Audited 2019	Actual 2020
<b><u>OPERATING REVENUES</u></b>			
Charges for Services	1,114,494	1,161,748	1,184,635
Other	15,701	11,212	5,516
<b>Total Operating Revenues</b>	<b>1,130,195</b>	<b>1,172,960</b>	<b>1,190,151</b>
<b><u>OPERATING EXPENSES</u></b>			
Treatment	493,047	425,382	427,014
Transmission and distribution	170,099	287,112	294,099
Customer accounts	79,700	92,041	86,071
Administrative and general	136,403	138,352	150,522
Change in benefit liability	-	-	164,160
Depreciation	135,117	164,281	178,083
<b>Total Operating Expenses</b>	<b>1,014,366</b>	<b>1,107,168</b>	<b>1,299,949</b>
<b>Operating Income (Loss)</b>	<b>115,829</b>	<b>65,792</b>	<b>(109,798)</b>
<b><u>Non-Operating Revenues &amp; Expenses</u></b>			
Investment Earnings	6,455	17,549	16,809
Interest Expense	(48,644)	(34,555)	(32,327)
Capital Grants	-	-	-
Loss on Disposal of Capital Assets	-	-	-
Transfer In/Out	-	-	-
<b>Subtotal - Non-Operating Rev. &amp; Exp.</b>	<b>(42,189)</b>	<b>(17,006)</b>	<b>(15,518)</b>
<b>Net Change in Assets</b>	<b>73,640</b>	<b>48,786</b>	<b>(125,316)</b>

\*PFM relied on data provided by the City for this analysis. PFM cannot independently verify the accuracy of this information.



# Income Approach – 2021 Operating Cashflow (Treatment vs. Distribution)

1. The City provided PFM with a breakout of 2021 projected cashflows (treatment system vs. distribution system).
2. When valuing the treatment system, only the treatment related cashflows were used.



	Budget 2021-22	Treatment Breakout	Distribution Breakout
<b>REVENUES</b>			
Charges for Services	1,203,918	526,499	677,419
Subtotal - Other Revenues	13,040	13,040	-
<b>TOTAL REVENUES</b>	<b>1,216,958</b>	<b>539,539</b>	<b>677,419</b>
<b>OPERATING EXPENSES</b>	<b>Budget 2021-22</b>	<b>Treatment Breakout</b>	<b>Distribution Breakout</b>
Treatment Expenses	445,946	445,946	-
Distributions	389,000	-	389,000
Customer Accounts	80,960	80,960	-
Administration	143,400	71,700	71,700
<b>TOTAL EXPENSES</b>	<b>1,059,306</b>	<b>598,606</b>	<b>460,700</b>
<b>OPERATING CASH FLOW</b>	<b>157,653</b>	<b>(59,067)</b>	<b>216,719</b>
<b>RECONCILIATION TO 2021-2022 BUDGET</b>	<b>Budget 2021-22</b>	<b>Treatment Breakout</b>	<b>Distribution Breakout</b>
Original Budgeted Deficit	(370,051)	(464,271)	94,219
Adjustments:			
Add: Depreciation	165,000	82,500	82,500
Add: Capital	360,000	320,000	40,000
Add: Bond P&I	66,038	66,038	-
Subtract: Loan Proceeds	(63,333)	(63,333)	-
Calculated Operating Cash Flow	<b>157,653</b>	<b>(59,067)</b>	<b>216,719</b>



# Income Approach (Continued)

1. Values the income generated from customers (treatment only). Assumptions include:

- a. Future rate increases
- b. Future operating expenses
- c. Inflation
- d. Future capital expenses

## TREATMENT CASH FLOW (2021 BUDGET) – EST.

Operating Revenues	\$539,539
Operating Expenses	<u>\$598,606</u>
<b>Free Cash Flow</b>	<b>(\$59,067)</b>

2. As previously stated, PFM only analyzed the income approach from an unregulated purchaser’s perspective.

- a. Based on PFM’s cost of capital calculations, a discount rate of 2.75% (estimated 20-year borrowing rate) was used to present value the system’s projected future cashflows.
- b. **Due to the 2021 Budget showing a negative free cash flow for the treatment system, PFM increased projected future rates sufficiently to cover future expenses. This means that revenues (rates or other) would need to increase (or expenses would need to decrease) to achieve this valuation in a sale scenario. The estimated rate increases used in the model show a 10-year Compound Annual Growth Rate (CAGR) of 7.60% including substantial rate increases in the first few years.**

## INCOME APPROACH VALUATION

**\$5,715,000**



# Market Approach

1. Values are derived from comparing financial metrics to similar transactions

2. EBITDA (Earnings before interest, tax, depreciation and amortization)

- a. Measures a utility's operating performance
- b. Metric used to compare to other alike systems

3. Due to the 2021 Budget showing a negative free cash flow for the treatment system, PFM increased projected future rates to sufficiently cover future expenses. This means that rates would need to increase to achieve this valuation in a sale scenario. The adjusted EBITDA shown assumes a 2-year projection after substantial rate increases.

### ORIGINAL EBITDA (2021 BUDGET) – EST.

Operating Revenues	\$539,539
Operating Expenses	<u>\$598,606</u>
<b>ORIGINAL EBITDA</b>	<b>(\$59,067)</b>

### ADJUSTED EBITDA 2-YEAR PROJECTION

Operating Revenues	\$791,870
Operating Expenses	<u>\$622,789</u>
<b>ADJUSTED EBITDA</b>	<b>169,081</b>

### Common multiples of EBITDA in market:

**15.0x**

• **\$2,536,000**

**20.0x**

• **\$3,381,000**

**25.0x**

• **\$4,227,000**



## Estimated Range of Value

1. Different investors will place different weights on the 3 approaches:
  - a. For reasons already stated, this valuation gives the Income Approach a weight of 90% and the Cost and Market Approaches each a weight of 5%.
  
2. The ultimate value is what a willing buyer will pay in a competitive process.
  - a. For this limited-scope valuation, our goal is to show an estimated range to inform decision makers.

## Estimated Range of Value for the Water Treatment System

• **\$4,500,000 – \$6,000,000**



# Other Considerations (Rates, Debt, Cash on Hand, General Fund Transfers)





# Historical Water Rates

1. PFM reviewed the City's water rates charged to customers.

<b>CITY LOWELL WATER RATE &amp; FEE SCHEDULE</b>			
RATE/FEE	PRIOR	7/1/2020	PROPOSED 2022 BUDGET
<b>WATER RATES:</b>			
<u>Readiness to Serve Charge</u>			
5/8" (Residential)	\$24.25	\$25.71	\$26.35
1"	\$60.61	\$64.25	
1.5"	\$193.95	\$205.59	
2"	\$242.44	\$256.99	
3"	\$545.49	\$578.22	
4"	\$1,454.65	\$1,541.93	
6"	\$3,632.76	\$3,850.73	
Mobile Home Park Trailer Pad	\$24.25	\$25.71	
Apartment Unit	\$24.25	\$25.71	
Unmetered Flat Rate			
<u>City Consumption Charge Per 1,000 Gal</u>	\$2.37	\$2.51	\$2.56
<u>City Average Annual Water Bill</u>			
Residential (4,000 Gal/Month)	\$405	\$429	\$439
<u>Township Consumption Charge Per 1,000 Gal</u>		\$3.19	

\*PFM relied on data provided by the City for this analysis. PFM cannot independently verify the accuracy of this information.



## Water Treatment Rate Analysis

1. After review of the City's 2021 Water Fund Budget, the current rates being charged to customers, and the internal breakout of treatment vs. distribution system financials, it appears that a significant rate increase would be required to create sufficient cashflow to pay for expenses if the treatment system was separated from the distribution system.
2. Without rates being increased, finding another revenue source, or expenses being decreased, a purchaser of the system may not be able to generate sufficient cashflow to cover future expenses including paying back the debt used to acquire the system.
  - a. This could make a sale difficult or unattainable
3. Additionally, it should be noted that the rates shown on the prior page are for the entire water system including treatment and distribution. Only the treatment portion of the system is being considered for sale. If the City is interested in pursuing a sale, further rate analysis will be required.



## Debt, Cash on Hand, & General Fund Transfer

1. If sold, typically all debt would have to be retired prior to transferring the system to the Buyer (unless the debt is assumed).
2. Additionally, any funds that the City has on hand in the water treatment fund at the time of closing less any remaining liabilities after debt would be returned to the City.
3. Transfers that are occurring from the water treatment fund to general fund (if any) will cease if the system is sold.



## Disclaimer

The information and any analyses contained in this presentation are taken from, or based upon, information obtained from the recipient or from publicly available sources, the completeness and accuracy of which has not been independently verified, and cannot be assured by PFM. The information and any analyses in these materials reflect prevailing conditions and PFM's views as of this date, all of which are subject to change. To the extent projections and financial analyses are set forth herein, they may be based on estimated financial performance prepared by or in consultation with the recipient and are intended only to suggest reasonable ranges of results. Opinions, results, and data presented are not indicative of future performance. The printed presentation is incomplete without reference to the oral presentation or other written materials that supplement it. To the extent permitted by applicable law, no employee or officer of PFM's financial advisory business, nor any of PFM's affiliated companies, accept any liability whatsoever for any direct or consequential loss arising from negligence or from any use of this presentation or its contents. The ultimate decision to proceed with any transaction rests solely with the client.

The PFM Limited Scope Valuation was prepared at a very early stage with the limited intent of providing our client with a general idea of the potential range of value of its system so our client can make an assessment to explore or not the possibility of a sale. The Valuation was not prepared based on an evaluation of the condition of the assets or even the full scope of the assets that make up the water treatment system and was based on limited data. It was not prepared based upon a formal engineer's assessment of the assets to be sold or in accordance with USPAP standards.

**THANK YOU**



**pfm**

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 101 - GENERAL FUND						
Revenues						
TAXES	TAXES	2,206,594.96	86,998.25	86,998.25	2,119,596.71	3.94
STATE	STATE GRANTS	633,516.00	0.00	0.00	633,516.00	0.00
LICPER	LICENSES AND PERMITS	102,918.00	10,625.00	10,625.00	92,293.00	10.32
CHARGES	CHARGES FOR SERVICES	357,083.00	5,531.45	5,531.45	351,551.55	1.55
FED	FEDERAL GRANTS	0.00	0.00	0.00	0.00	0.00
OTHER	OTHER REVENUE	11,150.00	300.01	300.01	10,849.99	2.69
INT	INTEREST AND RENTS	15,000.00	0.00	0.00	15,000.00	0.00
TRANSIN	TRANSFERS IN	312,632.00	0.00	0.00	312,632.00	0.00
LOCAL	LOCAL CONTRIBUTIONS	12,108.00	0.00	0.00	12,108.00	0.00
FINES	FINES AND FORFEITURES	4,200.00	99.50	99.50	4,100.50	2.37
TOTAL REVENUES		3,655,201.96	103,554.21	103,554.21	3,551,647.75	2.83
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
101	COUNCIL	20,752.00	194.70	194.70	20,557.30	0.94
172	MANAGER	168,825.74	15,524.57	15,524.57	153,301.17	9.20
191	ELECTIONS	5,701.00	0.00	0.00	5,701.00	0.00
209	ASSESSOR	59,620.00	5,673.56	5,673.56	53,946.44	9.52
210	ATTORNEY	75,000.00	0.00	0.00	75,000.00	0.00
215	CLERK	152,085.98	12,082.62	12,082.62	140,003.36	7.94
253	TREASURER	276,626.18	15,711.67	15,711.67	260,914.51	5.68
265	CITY HALL	138,053.89	4,419.27	4,419.27	133,634.62	3.20
276	CEMETERY	123,448.09	17,528.62	17,528.62	105,919.47	14.20
294	UNALLOCATED MISCELLANEOUS	12,000.00	128,387.00	128,387.00	(116,387.00)	1,069.89
301	POLICE DEPARTMENT	1,000,392.33	78,983.47	78,983.47	921,408.86	7.90
305	CODE ENFORCEMENT	0.00	0.00	0.00	0.00	0.00
336	FIRE	129,000.00	34,424.65	34,424.65	94,575.35	26.69
371	BUILDING INSPECTION DEPARTMENT	0.00	0.00	0.00	0.00	0.00
400	PLANNING & ZONING	51,873.07	7,392.10	7,392.10	44,480.97	14.25
426	EMERGENCY MANAGEMENT	0.00	0.00	0.00	0.00	0.00
441	DEPARTMENT OF PUBLIC WORKS	317,639.01	17,482.63	17,482.63	300,156.38	5.50
442	SIDEWALK	4,152.16	27.40	27.40	4,124.76	0.66
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	0.00	0.00	0.00	0.00	0.00
747	CHAMBER/RIVERWALK	5,500.00	57.27	57.27	5,442.73	1.04
751	PARKS	230,008.10	19,818.47	19,818.47	210,189.63	8.62
757	SHOWBOAT	10,615.00	0.00	0.00	10,615.00	0.00
758	DOG PARK	0.00	0.00	0.00	0.00	0.00
774	RECREATION CONTRIBUTIONS	5,000.00	0.00	0.00	5,000.00	0.00
790	LIBRARY	82,886.10	6,204.61	6,204.61	76,681.49	7.49
803	HISTORICAL DISTRICT COMMISSION	0.00	0.00	0.00	0.00	0.00
804	MUSEUM	52,699.69	3,100.40	3,100.40	49,599.29	5.88
906	DEBT SERVICE	0.00	0.00	0.00	0.00	0.00
965	TRANSFERS OUT	737,632.00	25,000.00	25,000.00	712,632.00	3.39
TOTAL EXPENDITURES		3,659,510.34	392,013.01	392,013.01	3,267,497.33	10.71
TOTAL REVENUES		3,655,201.96	103,554.21	103,554.21	3,551,647.75	2.83
TOTAL EXPENDITURES		3,659,510.34	392,013.01	392,013.01	3,267,497.33	10.71
NET OF REVENUES & EXPENDITURES		(4,308.38)	(288,458.80)	(288,458.80)	284,150.42	6,695.30

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDT USED
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REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL  
 PERIOD ENDING 07/31/2021

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 202 - MAJOR STREET FUND						
Revenues						
STATE	STATE GRANTS	0.00	0.00	0.00	0.00	0.00
FED	FEDERAL GRANTS	63,333.33	0.00	0.00	63,333.33	0.00
OTHER	OTHER REVENUE	355,325.00	0.00	0.00	355,325.00	0.00
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		418,658.33	0.00	0.00	418,658.33	0.00
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
450	CAPITAL OUTLAY	7,500.00	0.00	0.00	7,500.00	0.00
463	MAINTENANCE	41,440.22	4,081.65	4,081.65	37,358.57	9.85
474	TRAFFIC	12,471.85	1,304.97	1,304.97	11,166.88	10.46
478	WINTER MAINTENANCE	61,714.19	309.44	309.44	61,404.75	0.50
483	ADMINISTRATION	17,444.00	0.00	0.00	17,444.00	0.00
906	DEBT SERVICE	0.00	0.00	0.00	0.00	0.00
965	TRANSFERS OUT	341,662.50	0.00	0.00	341,662.50	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		482,232.76	5,696.06	5,696.06	476,536.70	1.18
TOTAL REVENUES		418,658.33	0.00	0.00	418,658.33	0.00
TOTAL EXPENDITURES		482,232.76	5,696.06	5,696.06	476,536.70	1.18
NET OF REVENUES & EXPENDITURES		(63,574.43)	(5,696.06)	(5,696.06)	(57,878.37)	8.96

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 203 - LOCAL STREET FUND						
Revenues						
STATE	STATE GRANTS	250,000.00	0.00	0.00	250,000.00	0.00
CHARGES	CHARGES FOR SERVICES	0.00	0.00	0.00	0.00	0.00
OTHER	OTHER REVENUE	137,721.00	0.00	0.00	137,721.00	0.00
INT	INTEREST AND RENTS	0.00	0.00	0.00	0.00	0.00
TRANSIN	TRANSFERS IN	611,662.50	0.00	0.00	611,662.50	0.00
LOCAL	LOCAL CONTRIBUTIONS	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		999,383.50	0.00	0.00	999,383.50	0.00
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
450	CAPITAL OUTLAY	1,043,333.33	0.00	0.00	1,043,333.33	0.00
463	MAINTENANCE	91,963.79	10,217.09	10,217.09	81,746.70	11.11
474	TRAFFIC	13,071.34	1,501.00	1,501.00	11,570.34	11.48
478	WINTER MAINTENANCE	86,160.61	449.08	449.08	85,711.53	0.52
483	ADMINISTRATION	20,162.00	0.00	0.00	20,162.00	0.00
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		1,254,691.07	12,167.17	12,167.17	1,242,523.90	0.97
TOTAL REVENUES		999,383.50	0.00	0.00	999,383.50	0.00
TOTAL EXPENDITURES		1,254,691.07	12,167.17	12,167.17	1,242,523.90	0.97
NET OF REVENUES & EXPENDITURES		(255,307.57)	(12,167.17)	(12,167.17)	(243,140.40)	4.77

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL  
 PERIOD ENDING 07/31/2021

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 238 - HISTORICAL DISTRICT FUND						
Revenues						
OTHER	OTHER REVENUE	25,000.00	0.00	0.00	25,000.00	0.00
INT	INTEREST AND RENTS	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		25,000.00	0.00	0.00	25,000.00	0.00
Expenditures						
000		25,000.00	0.00	0.00	25,000.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		25,000.00	0.00	0.00	25,000.00	0.00
TOTAL REVENUES		25,000.00	0.00	0.00	25,000.00	0.00
TOTAL EXPENDITURES		25,000.00	0.00	0.00	25,000.00	0.00
NET OF REVENUES & EXPENDITURES		0.00	0.00	0.00	0.00	0.00

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 248 - DOWNTOWN DEVELOPMENT AUTHORITY						
Revenues						
TAXES	TAXES	755,000.00	60,000.00	60,000.00	695,000.00	7.95
STATE	STATE GRANTS	0.00	0.00	0.00	0.00	0.00
OTHER	OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
INT	INTEREST AND RENTS	2,500.00	0.00	0.00	2,500.00	0.00
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		757,500.00	60,000.00	60,000.00	697,500.00	7.92
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
450	CAPITAL OUTLAY	270,000.00	0.00	0.00	270,000.00	0.00
463	MAINTENANCE	164,738.25	10,082.99	10,082.99	154,655.26	6.12
483	ADMINISTRATION	65,130.34	5,920.15	5,920.15	59,210.19	9.09
740	COMMUNITY PROMOTIONS	65,000.00	0.00	0.00	65,000.00	0.00
906	DEBT SERVICE	34,263.28	0.00	0.00	34,263.28	0.00
965	TRANSFERS OUT	496,632.00	0.00	0.00	496,632.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		1,095,763.87	16,003.14	16,003.14	1,079,760.73	1.46
TOTAL REVENUES		757,500.00	60,000.00	60,000.00	697,500.00	7.92
TOTAL EXPENDITURES		1,095,763.87	16,003.14	16,003.14	1,079,760.73	1.46
NET OF REVENUES & EXPENDITURES		(338,263.87)	43,996.86	43,996.86	(382,260.73)	13.01

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL  
 PERIOD ENDING 07/31/2021

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 249 - BUILDING INSPECTION FUND						
Revenues						
CHARGES	CHARGES FOR SERVICES	75,000.00	2,172.00	2,172.00	72,828.00	2.90
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		75,000.00	2,172.00	2,172.00	72,828.00	2.90
Expenditures						
371	BUILDING INSPECTION DEPARTMENT	65,000.00	0.00	0.00	65,000.00	0.00
TOTAL EXPENDITURES		65,000.00	0.00	0.00	65,000.00	0.00
TOTAL REVENUES		75,000.00	2,172.00	2,172.00	72,828.00	2.90
TOTAL EXPENDITURES		65,000.00	0.00	0.00	65,000.00	0.00
NET OF REVENUES & EXPENDITURES		10,000.00	2,172.00	2,172.00	7,828.00	21.72

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 260 - DESIGNATED CONTRIBUTIONS						
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
OTHER	OTHER REVENUE	150,000.00	100.00	100.00	149,900.00	0.07
INT	INTEREST AND RENTS	1,000.00	0.00	0.00	1,000.00	0.00
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
UNCLASSIFIED	Unclassified	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		151,000.00	100.00	100.00	150,900.00	0.07
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	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00
751	PARKS	150,000.00	16,065.00	16,065.00	133,935.00	10.71
758	DOG PARK	1,000.00	60.71	60.71	939.29	6.07
759	COMMUNITY GARDEN	0.00	0.00	0.00	0.00	0.00
774	RECREATION CONTRIBUTIONS	0.00	0.00	0.00	0.00	0.00
790	LIBRARY	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		151,000.00	16,125.71	16,125.71	134,874.29	10.68
TOTAL REVENUES		151,000.00	100.00	100.00	150,900.00	0.07
TOTAL EXPENDITURES		151,000.00	16,125.71	16,125.71	134,874.29	10.68
NET OF REVENUES & EXPENDITURES		0.00	(16,025.71)	(16,025.71)	16,025.71	100.00

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL  
 PERIOD ENDING 07/31/2021

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 581 - AIRPORT FUND						
Revenues						
CHARGES	CHARGES FOR SERVICES	24,936.00	15,162.19	15,162.19	9,773.81	60.80
OTHER	OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
INT	INTEREST AND RENTS	52,100.00	2,540.00	2,540.00	49,560.00	4.88
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		<u>77,036.00</u>	<u>17,702.19</u>	<u>17,702.19</u>	<u>59,333.81</u>	<u>22.98</u>
Expenditures						
000		78,000.00	18,301.21	18,301.21	59,698.79	23.46
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		<u>78,000.00</u>	<u>18,301.21</u>	<u>18,301.21</u>	<u>59,698.79</u>	<u>23.46</u>
TOTAL REVENUES		77,036.00	17,702.19	17,702.19	59,333.81	22.98
TOTAL EXPENDITURES		<u>78,000.00</u>	<u>18,301.21</u>	<u>18,301.21</u>	<u>59,698.79</u>	<u>23.46</u>
NET OF REVENUES & EXPENDITURES		(964.00)	(599.02)	(599.02)	(364.98)	62.14

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 590 - WASTEWATER FUND						
Revenues						
STATE	STATE GRANTS	131,000.00	0.00	0.00	131,000.00	0.00
CHARGES	CHARGES FOR SERVICES	1,101,418.07	94,553.51	94,553.51	1,006,864.56	8.58
FED	FEDERAL GRANTS	63,333.00	0.00	0.00	63,333.00	0.00
OTHER	OTHER REVENUE	100.00	1,250.00	1,250.00	(1,150.00)	1,250.00
INT	INTEREST AND RENTS	7,000.00	0.00	0.00	7,000.00	0.00
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
UNCLASSIFIED	Unclassified	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		1,302,851.07	95,803.51	95,803.51	1,207,047.56	7.35
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
550	TREATMENT	599,665.00	59,987.04	59,987.04	539,677.96	10.00
551	COLLECTION	432,592.18	33,324.03	33,324.03	399,268.15	7.70
552	CUSTOMER ACCOUNTS	74,281.26	3,791.16	3,791.16	70,490.10	5.10
553	ADMINISTRATION	388,791.50	0.00	0.00	388,791.50	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		1,495,329.94	97,102.23	97,102.23	1,398,227.71	6.49
TOTAL REVENUES		1,302,851.07	95,803.51	95,803.51	1,207,047.56	7.35
TOTAL EXPENDITURES		1,495,329.94	97,102.23	97,102.23	1,398,227.71	6.49
NET OF REVENUES & EXPENDITURES		(192,478.87)	(1,298.72)	(1,298.72)	(191,180.15)	0.67

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL  
 PERIOD ENDING 07/31/2021

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 591 - WATER FUND						
Revenues						
CHARGES	CHARGES FOR SERVICES	1,203,918.38	134,051.03	134,051.03	1,069,867.35	11.13
OTHER	OTHER REVENUE	68,333.33	0.00	0.00	68,333.33	0.00
INT	INTEREST AND RENTS	8,040.00	520.00	520.00	7,520.00	6.47
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		1,280,291.71	134,571.03	134,571.03	1,145,720.68	10.51
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	765,945.83	44,456.67	44,456.67	721,489.16	5.80
571	DISTRIBUTION	428,999.87	18,313.08	18,313.08	410,686.79	4.27
572	CUSTOMER ACCOUNTS	80,959.87	3,791.42	3,791.42	77,168.45	4.68
573	ADMINISTRATION	374,437.50	0.00	0.00	374,437.50	0.00
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		1,650,343.07	66,561.17	66,561.17	1,583,781.90	4.03
TOTAL REVENUES		1,280,291.71	134,571.03	134,571.03	1,145,720.68	10.51
TOTAL EXPENDITURES		1,650,343.07	66,561.17	66,561.17	1,583,781.90	4.03
NET OF REVENUES & EXPENDITURES		(370,051.36)	68,009.86	68,009.86	(438,061.22)	18.38

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 598 - CABLE TV FUND						
Revenues						
OTHER	OTHER REVENUE	109,000.00	0.00	0.00	109,000.00	0.00
INT	INTEREST AND RENTS	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		109,000.00	0.00	0.00	109,000.00	0.00
Expenditures						
000		105,000.00	0.00	0.00	105,000.00	0.00
906	DEBT SERVICE	4,000.00	0.00	0.00	4,000.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		109,000.00	0.00	0.00	109,000.00	0.00
TOTAL REVENUES		109,000.00	0.00	0.00	109,000.00	0.00
TOTAL EXPENDITURES		109,000.00	0.00	0.00	109,000.00	0.00
NET OF REVENUES & EXPENDITURES		0.00	0.00	0.00	0.00	0.00

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 636 - DATA PROCESSING FUND						
Revenues						
OTHER	OTHER REVENUE	2,000.00	0.00	0.00	2,000.00	0.00
INT	INTEREST AND RENTS	120,406.00	0.00	0.00	120,406.00	0.00
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		122,406.00	0.00	0.00	122,406.00	0.00
Expenditures						
000		144,298.94	11,724.97	11,724.97	132,573.97	8.13
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		144,298.94	11,724.97	11,724.97	132,573.97	8.13
TOTAL REVENUES		122,406.00	0.00	0.00	122,406.00	0.00
TOTAL EXPENDITURES		144,298.94	11,724.97	11,724.97	132,573.97	8.13
NET OF REVENUES & EXPENDITURES		(21,892.94)	(11,724.97)	(11,724.97)	(10,167.97)	53.56

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 661 - EQUIPMENT FUND						
Revenues						
CHARGES	CHARGES FOR SERVICES	231,375.00	22,191.47	22,191.47	209,183.53	9.59
OTHER	OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
INT	INTEREST AND RENTS	816.48	0.00	0.00	816.48	0.00
TRANSIN	TRANSFERS IN	25,000.00	25,000.00	25,000.00	0.00	100.00
TOTAL REVENUES		257,191.48	47,191.47	47,191.47	210,000.01	18.35
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
895	FLEET MAINT. & REPLACEMENT	371,582.95	1,442.88	1,442.88	370,140.07	0.39
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		371,582.95	1,442.88	1,442.88	370,140.07	0.39
TOTAL REVENUES		257,191.48	47,191.47	47,191.47	210,000.01	18.35
TOTAL EXPENDITURES		371,582.95	1,442.88	1,442.88	370,140.07	0.39
NET OF REVENUES & EXPENDITURES		(114,391.47)	45,748.59	45,748.59	(160,140.06)	39.99

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL  
 PERIOD ENDING 07/31/2021

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE. 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 711 - CEMETERY FUND						
Revenues						
CHARGES	CHARGES FOR SERVICES	6,500.00	0.00	0.00	6,500.00	0.00
INT	INTEREST AND RENTS	1,000.00	0.00	0.00	1,000.00	0.00
UNCLASSIFIED	Unclassified	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		7,500.00	0.00	0.00	7,500.00	0.00
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		7,500.00	0.00	0.00	7,500.00	0.00
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00
NET OF REVENUES & EXPENDITURES		7,500.00	0.00	0.00	7,500.00	0.00

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL  
 PERIOD ENDING 07/31/2021

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 714 - LEE FUND						
Revenues						
OTHER	OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
INT	INTEREST AND RENTS	4,000.00	0.00	0.00	4,000.00	0.00
TOTAL REVENUES		4,000.00	0.00	0.00	4,000.00	0.00
Expenditures						
000		4,000.00	0.00	0.00	4,000.00	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		4,000.00	0.00	0.00	4,000.00	0.00
TOTAL REVENUES		4,000.00	0.00	0.00	4,000.00	0.00
TOTAL EXPENDITURES		4,000.00	0.00	0.00	4,000.00	0.00
NET OF REVENUES & EXPENDITURES		0.00	0.00	0.00	0.00	0.00

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 715 - LOOK FUND						
Revenues						
OTHER	OTHER REVENUE	45,000.00	0.00	0.00	45,000.00	0.00
INT	INTEREST AND RENTS	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		45,000.00	0.00	0.00	45,000.00	0.00
Expenditures						
000		45,000.00	0.00	0.00	45,000.00	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		45,000.00	0.00	0.00	45,000.00	0.00
TOTAL REVENUES		45,000.00	0.00	0.00	45,000.00	0.00
TOTAL EXPENDITURES		45,000.00	0.00	0.00	45,000.00	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 07/31/2021

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 716 - CARR FUND						
Revenues						
OTHER	OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
INT	INTEREST AND RENTS	100.00	0.00	0.00	100.00	0.00
TOTAL REVENUES		100.00	0.00	0.00	100.00	0.00
Expenditures						
000		100.00	0.00	0.00	100.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		100.00	0.00	0.00	100.00	0.00
TOTAL REVENUES		100.00	0.00	0.00	100.00	0.00
TOTAL EXPENDITURES		100.00	0.00	0.00	100.00	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 07/31/2021

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 717 - PENSION TRUST FUND						
Revenues						
OTHER	OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
INT	INTEREST AND RENTS	0.00	0.00	0.00	0.00	0.00
UNCLASSIFIED	Unclassified	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 07/31/2021

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 718 - CARR FUND II						
Revenues						
OTHER	OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
INT	INTEREST AND RENTS	250.00	0.00	0.00	250.00	0.00
TOTAL REVENUES		250.00	0.00	0.00	250.00	0.00
Expenditures						
000		250.00	0.00	0.00	250.00	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		250.00	0.00	0.00	250.00	0.00
TOTAL REVENUES		250.00	0.00	0.00	250.00	0.00
TOTAL EXPENDITURES		250.00	0.00	0.00	250.00	0.00
NET OF REVENUES & EXPENDITURES		0.00	0.00	0.00	0.00	0.00

GL NUMBER	DESCRIPTION	2021-22 AMENDED BUDGET	YTD BALANCE 07/31/2021	ACTIVITY FOR MONTH 07/31/2021	AVAILABLE BALANCE	% BDGT USED
Fund 737 - OTHER POST EMPLOYEE BENEFITS						
Revenues						
INT	INTEREST AND RENTS	0.00	0.00	0.00	0.00	0.00
UNCLASSIFIED	Unclassified	68,000.00	0.00	0.00	68,000.00	0.00
TOTAL REVENUES		68,000.00	0.00	0.00	68,000.00	0.00
Expenditures						
483	ADMINISTRATION	68,064.17	0.00	0.00	68,064.17	0.00
TOTAL EXPENDITURES		68,064.17	0.00	0.00	68,064.17	0.00
TOTAL REVENUES		68,000.00	0.00	0.00	68,000.00	0.00
TOTAL EXPENDITURES		68,064.17	0.00	0.00	68,064.17	0.00
NET OF REVENUES & EXPENDITURES		(64.17)	0.00	0.00	(64.17)	0.00
TOTAL REVENUES - ALL FUNDS		9,355,370.05	461,094.41	461,094.41	8,894,275.64	4.93
TOTAL EXPENDITURES - ALL FUNDS		10,699,167.11	637,137.55	637,137.55	10,062,029.56	5.96
NET OF REVENUES & EXPENDITURES		(1,343,797.06)	(176,043.14)	(176,043.14)	(1,167,753.92)	13.10

**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: 08/05/2021

Period From: 07/01/2021 To: 07/31/2021

<b>Invoice Number</b>	<b>Date</b>	<b>Name</b>	<b>Tax</b>	<b>Total</b>	<b>Balance Due</b>
001690	07/07/2021	Water Plant	0.00	314.57	
001691	07/22/2021	Equipment	0.00	372.93	157.50
001692	07/20/2021	Equipment	0.00	98.75	157.50
001693	07/21/2021	Equipment	0.00	108.41	157.50
001694	07/12/2021	Equipment	0.00	46.11	157.50
001695	07/14/2021	Water Distribution	0.00	469.00	338.14
001697	07/08/2021	Police	0.00	0.00	1,293.79
<b>Grand Totals:</b>			<b>0.00</b>	<b>1,409.77</b>	<b>2,261.93</b>
<b>Number of Invoices:</b>		<b>7</b>	<b>* - Indicates a Counter Sale</b>		
<b>Averages:</b>				<b>\$201.40</b>	<b>323.13</b>

**Dept. of Public Works, City of Lowell**

217 S. Hudson

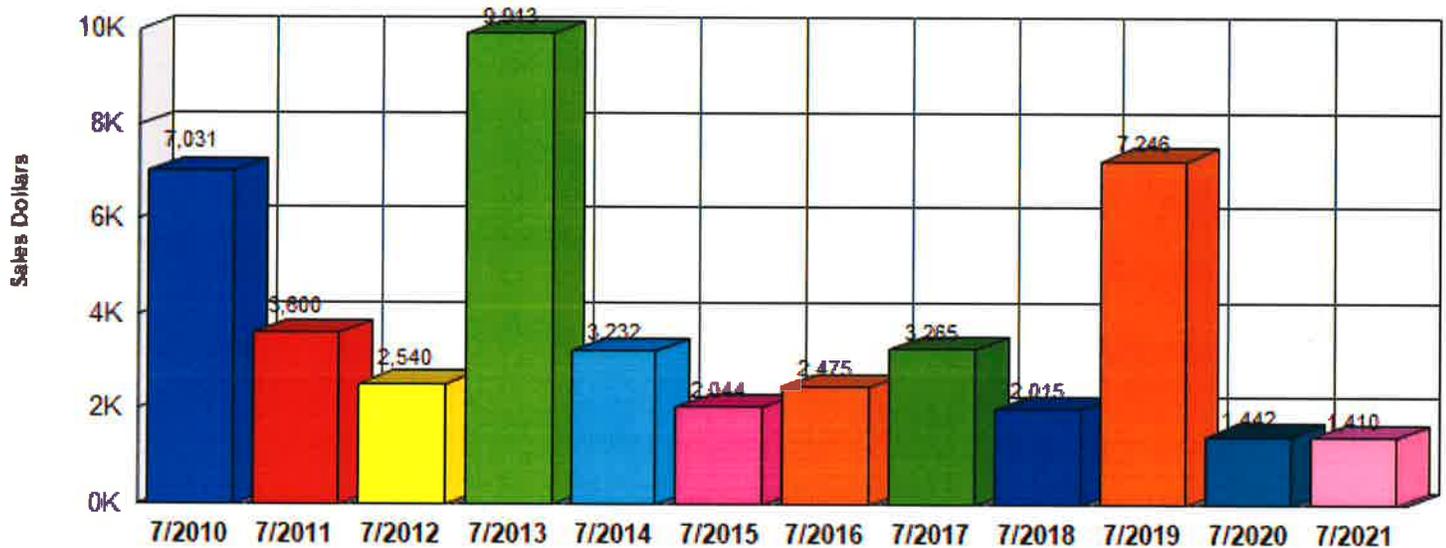
Lowell, MI. 49331

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

**Sales By Selected Month For The Month Of July**

Report Date: 08/05/2021

<u>Month &amp; 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>
7/2010	439.45	16	7,031.16	271.06	4,337.00	162.39	2,598.31
7/2011	211.75	17	3,599.78	124.42	2,115.16	81.51	1,385.61
7/2012	362.80	7	2,539.58	135.00	945.00	221.09	1,547.63
7/2013	660.85	15	9,912.81	280.74	4,211.15	372.25	5,583.76
7/2014	404.01	8	3,232.08	245.63	1,965.00	149.37	1,194.93
7/2015	227.12	9	2,044.11	164.67	1,482.00	57.04	513.36
7/2016	190.41	13	2,475.36	154.01	2,002.08	32.94	428.28
7/2017	544.13	6	3,264.79	363.79	2,182.76	172.31	1,033.83
7/2018	154.99	13	2,014.85	93.88	1,220.40	58.01	754.10
7/2019	658.75	11	7,246.27	639.01	7,029.11	10.81	118.88
7/2020	240.26	6	1,441.54	223.73	1,342.38	6.43	38.57
7/2021	201.40	7	1,409.77	191.26	1,338.82	2.09	14.61
<b>Totals:</b>		<b>128</b>	<b>46,212.10</b>		<b>\$30,170.86</b>		<b>\$15,211.87</b>



**Note:** Labor and Part columns do not include Shop Supplies or Hazmat

**Dept. of Public Works, City of Lowell**

217 S. Hudson

**1697**

Lowell, MI. 49331

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

**Next Place to Be**

**INVOICE**

**Police**

Print Date : 08/05/2021

2010 Ford - Fusion Hybrid

2.5L, In-Line4 (152CI) VIN(3), 0 speed Automatic CVT

Lic # : - MI

Odometer In : 80,659

Unit # : 841

Odometer Out :

Cust ID : 2

VIN # : 3FADP0L38 AR142672

Part Description / Number	Qty	Sale	Ext	Labor Description	Hours	Extended
---------------------------	-----	------	-----	-------------------	-------	----------

				Invoice 225201, Harold Zeigler 7-8-2021; Replace drivers side air bag per Recall 21S12D		n/c
--	--	--	--	---	--	-----

[ Technicians : ]

Org. Estimate \$ 0.00

Revisions \$ 0.00

Current Estimate \$ 0.00

Additional Cost

Revised Estimate

**Labor: 0.00**

**Parts: 0.00**

**Sub: 0.00**

**Tax: 0.00**

**Total: \$0.00**

**Bal Due: \$0.00**

[ Payments - ]

CITY OF LOWELL  
REPORT FOR : JULY  
FOR: Michael Burns

DRINKING WATER TREATMENT AND FILTRATION PLANT

A TOTAL OF: 29.3757 MILLION GALLONS OF RAW WATER WAS TREATED FOR THE  
MONTH OF: JULY TOTAL PUMPING TIME, TREATMENT AND THE DISTRIBUTION  
OF THE FINISHED WATER TO THE SYSTEM REQUIRED 426.48 HOURS, WHICH RESULTED IN  
520 MAN HOURS FOR THE OPERATION.

CHEMICAL COST PER MILLION GALLONS: \$ 132.07

ELECTRICAL COST PER MILLION GALLONS: \$ 194.77

TOTAL COST PER MILLION GALLONS: \$ 326.84

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WATER PRODUCTION

---

DAILY AVERAGE: 0.948 MILLION GALLONS

DAILY MAXIMUM: 1.243 MILLION GALLONS

DAILY MINIMUM: 0.673 MILLION GALLONS

THE AVERAGE PLANT OPERATION TIME WAS 13.758 HOURS PER DAY.

**LOWELL POLICE DEPARTMENT  
MONTHLY REPORT SUMMARY  
CALENDAR YEAR 2021**

Complaint Book Total	171	323	545	762	953	1156	1362						
Activity	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Total Arrests	16	17	7	17	18	11	13						99
Alcohol (MIP/Open Intox)	0	0	0	0	0	0	0						0
Drug Law Violations	0	0	0	0	1	0	0						1
Drunk Driving	2	0	0	0	0	0	1						3
Suspended License	4	2	2	3	4	0	4						19
Warrant Arrest	3	10	2	4	3	3	3						28
Other Arrests	7	5	3	10	10	8	5						48
Assault	2	2	1	0	1	1	0						7
Assault (Civil/Verbal)	6	5	8	4	7	4	6						40
Assault (Domestic)	0	0	2	0	1	4	1						8
Assist from Other Agency	6	2	3	5	3	2	5						26
Assist to Other Agency	11	15	15	17	12	9	25						104
Assist to Citizen	58	50	48	39	71	92	69						427
Breaking & Entering	0	0	5	0	0	1	0						6
Disorderly Conduct	2	0	0	6	4	8	3						23
Dog/Animal	1	2	0	3	3	0	6						15
Larceny	4	5	2	4	2	3	7						27
Malicious Destruction	0	1	7	4	1	2	2						17
Motorist Assist	3	7	4	6	5	10	3						38
Ordinance Violations	1	2	2	4	10	2	4						25
Accident Total	9	8	11	6	9	8	12						63
{Property Damage}	8	8	7	6	9	8	10						56
{Personal Injury}	1	0	4	0	0	0	2						7
Citations Issued	23	24	12	38	94	41	56						288
Traffic Stops: Warned	55	37	48	127	133	110	154						664
Total # of Traffic Stops	74	54	59	150	175	153	207						872

## LOWELL ASSISTING OTHER AGENCIES

JULY, 2021

21-1168	07/03/2021	Dog Bite – Postal Carrier	Animal Control
21-1195	07/04/2021	Civil Matter – Sewage Issue Check	Kent County Sheriff Department
21-1178	07/06/2021	Suspicious Situation	Kent County Sheriff Department
21-1189	07/07/2021	Citizen Assist – Transport Mom to St. Mary’s	Kent County Sheriff Department
21-1223	07/13/2021	Suspicious Situation	Kent County Sheriff Department
21-1233	07/14/2021	Unresponsive Motorist actual - VCSA	Kent County Sheriff Department
21-1250	07/16/2021	Injured Deer	Kent County Sheriff Department
21-1265	07/19/2021	Visit Complaint	Kent County Sheriff Department
21-1274	07/20/2021	Welfare Check	Kent County Sheriff Department
21-1284	07/22/2021	RAW	Ottawa County Sheriff Dept.
21-1287	07/23/2021	PDA	Kent County Sheriff Department
21-1288	07/23/2021	PDA – Car Deer	Kent County Sheriff Department
21-1289	07/23/2021	Alarm	Kent County Sheriff Department
21-1292	07/24/2021	PDA	MSP
21-1296	07/24/2021	Alarm	Kent County Sheriff Department
21-1300	07/25/2021	Death Notification	Grand Rapids Police Department
21-1304	07/25/2021	Medical Mental Issues Assist	Kent County Sheriff Department
21-1308	07/26/2021	Suicidal Subject - Medical	Kent County Sheriff Department
21-1318	07/27/2021	Welfare Check	Kent County Sheriff Department
21-1322	07/27/2021	Child Custody Exchange	Belding Police Department
21-1328	07/28/2021	Domestic	Kent County Sheriff Department
21-1334	07/29/2021	Stand-By	Kent County Sheriff Department
21-1342	07/30/2021	Alarm	Kent County Sheriff Department

## AGENCIES ASSISTING LOWELL POLICE DEPARTMENT

July 2021

<b>21-1266</b>	<b>07/20/2021</b>	<b>Warrant Arrest</b>	<b>Ionia County Sheriff Department</b>
<b>21-1293</b>	<b>07/24/2021</b>	<b>Welfare Check</b>	<b>Kent County Sheriff Departmen</b>
<b>21-1299</b>	<b>07/25/2021</b>	<b>Domestic Assault</b>	<b>Kent County Sheriff Department</b>
<b>21-1301</b>	<b>07/25/2021</b>	<b>Suicide Threats</b>	<b>Kent County Sheriff Department</b>
<b>21-1319</b>	<b>07/27/2021</b>	<b>Welfare Check</b>	<b>Kent County Sheriff Department</b>

**MONTHLY COMPARISON TOTALS  
JULY 2020 TO JULY 2021**

ACTIVITY	JULY	2020 YEAR-TO-DATE	JULY	2021 YEAR-TO-DATE
Total Arrests	7	54	13	99
Alcohol (MIP/Open Intox)	0	3	0	0
Drug Law Violations	0	0	0	1
Drunk Driving	0	8	1	3
Suspended License	3	11	4	19
Warrant Arrest	3	16	3	28
Other Arrests	1	16	5	48
Assault	0	6	0	7
Assault (Verbal)	11	32	6	40
Assault (Domestic)	1	19	2	8
Assist from Other Agency	1	46	5	26
Assist to Other Agency	24	136	25	104
Assist to Citizen	28	137	69	427
Breaking & Entering	0	5	0	6
Disorderly Conduct	4	20	3	23
Dog Complaints	2	18	6	15
Larceny	3	26	7	27
Malicious Destruction	3	8	2	17
Motorist Assist	2	34	3	38
Ordinance Violations	3	40	4	25
Accident Total	7	42	12	63
{Property Damage}	6	37	10	56
{Personal Injury}	1	5	2	7
Citations Issued	25	161	56	288
Traffic Stops: Warned	95	409	154	664
# of Traffic Stops Made	129	548	207	872
<b>TOTAL COMPLAINTS</b>	<b>192</b>	<b>1136</b>	<b>206</b>	<b>1362</b>

# Monthly Operating Report

for the . . .

Contract Operation

of the . . .



Wastewater Treatment Plant

July 2021





August 12, 2021

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 July Monthly Operating Report for the Lowell Wastewater Treatment Plant. During the month 39.31 million gallons of wastewater were treated, up from 31.16 million gallons the month before.

All NPDES Permit requirements were satisfied. Copies of the Discharge Monitoring Report for the month 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 July surcharges were \$81.84 for the month. No operational problems were experienced at the plant from this discharge.

The Litchouse July surcharges were not received at the time of this report. No operational problems were experienced at the plant from this discharge.

MAINTENANCE COST REPORT

Date	Vendor	Cost
7/1	Ace Hardware (1)	\$19.06
7/7	Mettler Toledo (2)	464.80
7/12	Sheldon Manufacturing (3)	257.41
Beginning Balance of the Annual Maintenance Allowance (Including carryover \$\$ from FY 20-21)*		\$ 11,971.61*
Maintenance Allowance Spent YTD		\$ 741.27
Balance of Maintenance Allowance		\$ 11,230.34

\*The maintenance spending for FY 20-21 was over the annual allotment by \$28.39. That amount will be subtracted from the beginning balance on July 1<sup>st</sup>. That makes the beginning balance \$11,971.61 (\$12,000-28.39).

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

- Applied roofing tar to digester #1 & #2 lids (1)
- Conducted annual lab balance calibrations (2)
- Replaced cooling fan on lab incubator (3)

#### PROJECTS FOR THE FUTURE

- Continue miscellaneous painting projects
- Conduct annual flow meter calibrations
- Power wash tanks and sidewalks

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  
Project Manager

### JULY EFFLUENT ANALYSIS OVERVIEW

The daily average for CBOD was 2 mg/l, 92% under the NPDES limit of 25 mg/l. The worst 7-day average was 3 mg/l, 93% under the NPDES limit of 40 mg/l.

The daily average for Suspended Solids was 1.4 mg/l, 95% under the NPDES limit of 30 mg/l. The worst 7-day average was 1.8 mg/l, 96% under the NPDES limit of 45 mg/l.

The monthly average for Phosphorus was 0.59 mg/l, the limit is 1.0 mg/l.

The average removal rate for BOD was 99%; a minimum of 85% is required. The average removal rate for Suspended Solids was 99%; a minimum of 85% is required.

The geometric average for fecal coliform bacteria was 85 colonies/100 mls, the limit is 200 colonies/100 mls. The worst 7-day average was 107 colonies/100 mls, the limit is 400 colonies/100 mls.

The highest chlorine residual was 36 ug/l; the limit is 38 ug/l. The monthly average was 26 ug/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 July 2021

Superintendent's Signature \_\_\_\_\_  
Brian Vander Meulen, Supt.

WEATHER			FLOW		RAW SEWAGE QUALITY												
D A Y P N S F	Type Code	Precip Inches	Total MGD	Peak MGD	Temp F	pH SU	BOD		SS		Total-P		VSS	NH3-N		Mercury	D A Y P N S F
							mg/l	LBS	mg/l	LBS	mg/l	LBS	mg/l	mg/l	LBS	ng/l	
	0033	0045	50050	50051	00011	00400	00310	85001	00530	85002	00665	85004	00535	00610	00610	71900	
1	16	0.00	2.02	2.30													1
2	168	0.00	1.79	2.50	62	7.2	200	2986	164	2448			162				2
3	168	0.00	1.75	2.20													3
4	268	0.00	1.53	2.20													4
5	246	0.28	1.72	1.80													5
6	26	0.00	1.49	1.80	60	7.5	184	2286	88	1094			72				6
7	246	0.08	1.50	1.90	63	7.3	145	1814	72	901	1.4	17.5	62	5.9	73.8	6.6	7
8	246	0.18	1.38	1.80													8
9	26	0.00	1.32	1.70	61	7.4	137	1508	74	815			72				9
10	168	0.00	1.33	1.70													10
11	26	0.00	1.33	1.60													11
12	246	0.00	1.23	1.60	63	6.8	318	3262	192	1970			180				12
13	246	0.09	1.26	1.60													13
14	26	0.00	1.24	1.70	63	7.5	194	2006	82	848	2.3	23.8	78	7.8	80.7		14
15	246	0.17	1.21	1.50													15
16	246	0.02	1.07	1.50	63	7.1	198	1767	104	928			102				16
17	268	0.00	1.15	1.50													17
18	16	0.00	1.12	1.40													18
19	16	0.00	1.11	1.40	64	7.6	139	1287	96	889			92				19
20	26	0.00	1.11	1.50													20
21	26	0.00	1.07	1.40	64	7.4	149	1330	102	910	2.2	19.6	84	9.4	83.9		21
22	246	0.81	1.12	1.40													22
23	246	0.40	1.01	1.60	64	7.2	208	1804	118	1023			116				23
24	26	0.00	1.14	1.80													24
25	16	0.00	1.15	1.30													25
26	26	0.00	1.04	1.40	65	7.4	146	1266	74	642			72				26
27	26	0.00	1.07	1.50													27
28	246	0.06	1.07	1.40	65	7.3	273	2436	112	999	2.8	25.0	100	9.5	84.8		28
29	26	0.00	1.04	1.40													29
30	268	0.00	0.96	1.40	64	7.3	182	1457	70	560			68				30
31	246	0.26	0.95	1.40													31
TL	XXXX	2.35	39.31	XXXX	XXXX	XXXX	XXXX	60116	XXXX	33449	XXXX	666	XXXX	XXXX	2504.2831	XXXX	TL
ME	XXXX	XXXX	1.27	XXXX	63	7.3	190	1939	104	1079	2.2	21.5	97	8.2	80.8	XXXX	ME
MAX	XXXX	0.81	2.02	2.50	65	7.6	318	3262	192	2448	2.8	25.0	180	9.5	84.8	XXXX	MAX
MIN	XXXX	XXXX	0.95	1.40	60	6.8	137	1266	70	560	1.4	17.5	62	5.9	73.8	XXXX	MIN

### Activated Sludge Sheet

State of Michigan  
Department of Environmental Quality

Lowell, Michigan

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

Plant No      Month      Year  
 410049      July      2021

Superintendent's Signature \_\_\_\_\_  
 Brian Vander Meulen, Supt.

AERATION SYSTEM					MIXED LIQUOR						SECONDARY SLUDGE			Process Modification see code 80889	D A Y P N S F	REMARKS
D A Y P N S F	Aeration Volume KCF	Detention Time Hours	Sludge Age Days	Organic Loading F/M	MLSS mg/l	MLVSS mg/l	Settle. %	SDI %	DO mg/l	SVI %	SS %	VSS %	Waste Kgal			
	80993	81001	80990	80992	70323	70324	81004	81007	00300	8100	81006	70325	80991			
1	192	17.1												4	1	
2		19.3	6.5	0.25	1339	1015	11	1.22	8.1	82	0.42	0.31	0.0		2	
3		19.7											0.0		3	
4		22.5											0.0		4	
5		20.0											0.0		5	
6		23.1	22.8	0.12	2081	1574	19	1.10	7.6	91	0.40	0.29	95.9		6	
7		23.0	19.3	0.14	1454	1093	12	1.21	7.5	83	0.41	0.30	24.9		7	
8		25.0											0.0		8	
9		26.1	21.6	0.11	1466	1113	13	1.13	6.0	89	0.37	0.28	0.0		9	
10		25.9											0.0		10	
11		25.9											0.0		11	
12		28.0	8.8	0.24	1453	1117	15	0.97	5.2	103	0.40	0.31	0.0		12	
13		27.4											0.0		13	
14		27.8	26.8	0.11	1901	1463	18	1.06	5.0	95	0.45	0.34	0.0		14	
15		28.5											25.3		15	
16		32.2	34.4	0.07	2667	2069	24	1.11	4.7	90	0.54	0.41	0.0		16	
17		30.0											0.0		17	
18		30.8											0.0		18	
19		31.0	28.1	0.07	2084	1608	20	1.04	3.9	96	0.62	0.47	25.7		19	
20		31.0											0.0		20	
21		32.2	32.6	0.06	2479	1900	27	0.92	4.6	109	0.56	0.43	0.0		21	
22		30.8											0.0		22	
23		33.1	32.2	0.07	2756	2136	27	1.02	3.8	98	0.68	0.52	20.7		23	
24		30.2											0.0		24	
25		30.0											0.0		25	
26		33.1	51.2	0.05	2743	2124	26	1.06	4.4	95	0.65	0.50	23.8		26	
27		32.2											81.3		27	
28		32.2	27.1	0.12	2265	1740	20	1.13	4.1	88	0.46	0.35	85.4		28	
29		33.1											22.9		29	
30		35.9	33.4	0.10	1565	1197	16	0.98	4.0	102	0.36	0.28	0.0		30	
31		36.3											0.0		31	
TL	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	405.9	XXXX	TL	
ME	192	28.2	26.5	0.12	2019	1550	19	1.07	5.3	94	0.49	0.37	13.1	XXXX	ME	
MAX	XXXX	36.3	51.2	0.25	2756	2136	27	1.22	8.1	109	0.68	0.52	95.9	XXXX	MAX	
MIN	XXXX	17.1	6.5	0.05	1339	1015	11	0.92	3.8	82	0.36	0.28	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 July    Year 2021    Sampling Point Code 001

Superintendent's Signature Brian Vander Meulen, Supt.

R 4610 4/74  
4833-5468

DAY PN SF	CBOD			SS			Total - P			VSS	pH	DO	F.Coli	NH3		Cl2	Mercury	DAY PN SF
	mg/l	LBS.	% Rem	mg/l	LBS.	% Rem	mg/l	LBS.	% Rem	mg/l	SU	mg/l	#/100ml	mg/l	LBS	ug/l	ng/l	
1	80882	85001	80091	00530	85002	81011	00665	85004	81012	00535	00400	00300	31616	00610	00610	50060	71900	1
2	3	45	99	1.5	22	99				1.0	7.3	9.4	14.1			7		2
3																		3
4																		4
5																		5
6	3	37	98	2.8	35	97				1.2	7.3	8.4	68			36		6
7	3	38	98	1.2	15	98	0.53	6.63	62	0.8	7.3	8.8	113	0.04	0.50	18	<0.2	7
8																		8
9	2	22	99	1.0	11	99				0.8	7.3	9.0	104			27		9
10																		10
11																		11
12	1	10	100	1.6	16	99				1.4	7.3	9.4	44			36		12
13																		13
14	2	21	99	1.4	14	98	0.43	4.45	81	1.2	7.3	9.3	66	0.04	0.41	36		14
15																		15
16	2	18	99	1.4	12	99				1.2	7.3	9.1	43			36		16
17																		17
18																		18
19	3	28	98	2.0	19	98				1.8	7.3	9.3	113			34		19
20																		20
21	2	18	99	0.8	7	99	0.57	5.09	74	0.6	7.3	9.1	115	0.05	0.45	17		21
22																		22
23	4	35	98	1.2	10	99				1.0	7.4	8.9	93			13		23
24																		24
25																		25
26	2	17	99	1.2	10	98				1.0	7.4	9.0	60			22		26
27																		27
28	2	18	99	0.6	5	99	0.81	7.23	71	0.2	7.3	8.9	104	0.05	0.45	32		28
29																		29
30	2	16	99	1.2	10	98				1.0	7.4	8.9	108			30		30
31																		31
TL	XXXX	768	XXXX	XXXX	448	XXXX	XXXX	181.3	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	14.00	XXXX	XXXX	TL
ME	2	25	99	1.4	14	99	0.59	5.85	72	1.0	7.3	9.0	85	0.05	0.45	26	XXXX	ME
WA	3	40	98	1.8	24	98	XXXX	XXXX	XXXX	1.4	7.4	8.7	107	0.05	0.50	36	XXXX	WA
MAX	4	45	100	2.8	35	99	0.81	7.23	81	1.8	7.4	9.4	144	0.05	0.50	36	XXXX	MAX
MIN	1	10	98	0.6	5	97	0.43	4.45	62	0.2	7.3	8.4	43	0.04	0.41	7	XXXX	MIN

Remarks: Fecal Coli for July are actually "Greater Than"  
Cl2 Residuals for July are actually "Less Than"

Miscellaneous Sheet

State of Michigan  
Department of Environmental Quality

Lowell, Michigan

R 4607 4/74  
4833-6040

Plant No. 410049  
Month July  
Year 2021

Superintendent's Signature \_\_\_\_\_  
Brian Vander Meulen, Supt.

D A Y P N S F	Grlt	Aux Fuel	Power Consumption	Chemicals Applied		
	CF	Nat. Gas CF	KWH	CL2 LBS	FeCL2 GAL.	
		2	3			
1	1	0	2.2	9	30	
2	1	0	1.8	4	25	
3	1	0	2.2	10	25	
4	1	0	1.8	20	30	
5	1	0	2.2	10	35	
6	1	1	2.2	10	25	
7	1	0	2.0	8	30	
8	1	0	2.2	6	30	
9	1	0	1.8	10	40	
10	1	0	2.0	10	20	
11	1	0	2.0	9	25	
12	1	0	2.0	7	30	
13	1	0	2.0	10	25	
14	1	1	1.8	10	30	
15	1	0	2.0	8	30	
16	1	0	1.6	10	25	
17	1	0	1.8	10	30	
18	1	0	1.8	8	30	
19	1	0	1.8	8	30	
20	1	0	2.0	7	25	
21	1	1	1.8	7	25	
22	1	0	1.8	8	30	
23	1	0	1.8	6	25	
24	1	0	1.6	6	30	
25	1	0	2.0	10	25	
26	1	0	1.8	8	25	
27	1	0	2.0	8	25	
28	1	0	2.6	7	30	
29	1	0	1.8	7	30	
30	1	1	1.6	8	30	
31	1	0	1.8	10	30	
<b>TL</b>	<b>31</b>	<b>4</b>	<b>59.8</b>	<b>269</b>	<b>875</b>	<b>0</b>
<b>ME</b>	<b>1</b>	<b>0</b>	<b>1.9</b>	<b>9</b>	<b>28</b>	<b>0</b>
<b>MAX</b>	<b>1</b>	<b>1</b>	<b>2.6</b>	<b>20</b>	<b>40</b>	<b>0</b>
<b>MIN</b>	<b>1</b>	<b>0</b>	<b>1.6</b>	<b>4</b>	<b>20</b>	<b>0</b>

Manpower						
Position Title	Full Time	Part Time	Total Hours	No. of Vac.	No. of Separations	No. of New Hires
Superintendent	1	0	176	0	0	0
Shift Operator	1	1	198	0	0	0
<b>Total</b>	<b>2</b>	<b>1</b>	<b>374</b>	<b>0</b>	<b>0</b>	<b>0</b>
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	YEAR	MO	DAY
2021	7	1	2021	7	31

\*\*\* NO DISCHARGE  \*\*\*  
 NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	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	SAMPLE MEASUREMENT	1.27	2.02	(03)	*****	*****	*****		-	7/7	RECORD FLOW
50050 1 0 0	PERMIT REQUIREMENT	REPORT MONTHLY AVG	REPORT DAILY MAX	MGD	*****	*****	*****	****		WEEKDAYS	RECORD FLOW
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	14	24	(26)	*****	1.4	1.8	(19)	0	3/7	24 HR COMP
SOLIDS, TOTAL SUSPENDED	PERMIT REQUIREMENT	360	530	lbs/day	*****	30	45	MONTHLY AVG		WEEKDAYS	24 HR COMP
00530 B 0 0	SAMPLE MEASUREMENT	25	40	(26)	*****	2	3	(19)	0	3/7	24 HR COMP
PRIOR TO DISINFECT	PERMIT REQUIREMENT	MONTHLY AVG	7 DAY AVG	lbs/day	*****	25	40	MONTHLY AVG		WEEKDAYS	24 HR COMP
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	*****	0.50	(26)	*****	*****	0.05	(19)	0	1/7	24 HR COMP
80082 B 0 0	PERMIT REQUIREMENT	*****	REPORT DAILY MAX	lbs/day	*****	*****	REPORT DAILY MAX	mg/L		WEEKLY	24 HR COMP
PRIOR TO DISINFECT	SAMPLE MEASUREMENT	5.8	7.2	(26)	*****	0.59	0.81	(19)	0	1/7	24 HR COMP
NITROGEN, AMMONIA TOTAL (AS N)	PERMIT REQUIREMENT	12	REPORT DAILY MAX	lbs/day	*****	1.0	REPORT DAILY MAX	mg/L		WEEKLY	24 HR COMP
00610 B 1 0	SAMPLE MEASUREMENT	*****	<0.000003		*****	*****	<0.2		0	1/90	GRAB
PRIOR TO DISINFECT	PERMIT REQUIREMENT	*****	Report Max Monthly Avg	lbs/day	*****	*****	Report Max Monthly Avg	ng/L		QUARTERLY	GRAB
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	*****	36	(19)	0	3/7	GRAB
00665 B 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	38			WEEKDAYS	GRAB
PRIOR TO DISINFECT	SAMPLE MEASUREMENT	*****	<0.000003		*****	*****	<0.2		0	1/90	GRAB
CHLORINE, TOTAL RESIDUAL	PERMIT REQUIREMENT	*****	Report Max Monthly Avg	lbs/day	*****	*****	Report Max Monthly Avg	ng/L		QUARTERLY	GRAB
50060 P 0 0	SAMPLE MEASUREMENT	*****	*****		*****	*****	36	(19)	0	3/7	GRAB
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	*****	38			WEEKDAYS	GRAB
MERCURY, TOTAL	SAMPLE MEASUREMENT	*****	<0.000003		*****	*****	<0.2		0	1/90	GRAB
71900 B 0 0	PERMIT REQUIREMENT	*****	Report Max Monthly Avg	lbs/day	*****	*****	Report Max Monthly Avg	ng/L		QUARTERLY	GRAB
POST DISINFECT	SAMPLE MEASUREMENT	*****	<0.000003		*****	*****	<0.2		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		
		(616) 897-8135		2021	8	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	YEAR	MO	DAY
FROM 2021	7	1	TO 2021	7	31

\*\*\* NO DISCHARGE  \*\*\*  
 NOTE: Read Instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
MERCURY, TOTAL	SAMPLE MEASUREMENT	*****	0.000006		*****	*****	0.67		0	1/90	CALCTD
71900 X 0 0 POST DISINFECT	PERMIT REQUIREMENT	*****	0.000024 12-Mo Rolling Avg	lbs/day	*****	*****	2.0 12-Mo Rolling Avg	ng/L		QUARTERLY	CALCTD
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	85	107	(19)	0	3/7	GRAB
74055 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	200 MONTHLY AVG	400 7 DAY AVG	mg/L		DAILY	GRAB
BOD, 5-DAY PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		99	*****	98	(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	*****	*****		99	*****	97	(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	*****	*****		7.3	*****	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	*****	*****		8.4	*****	*****	(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		
		(616) 897-8135		2021	8	10
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO DAY

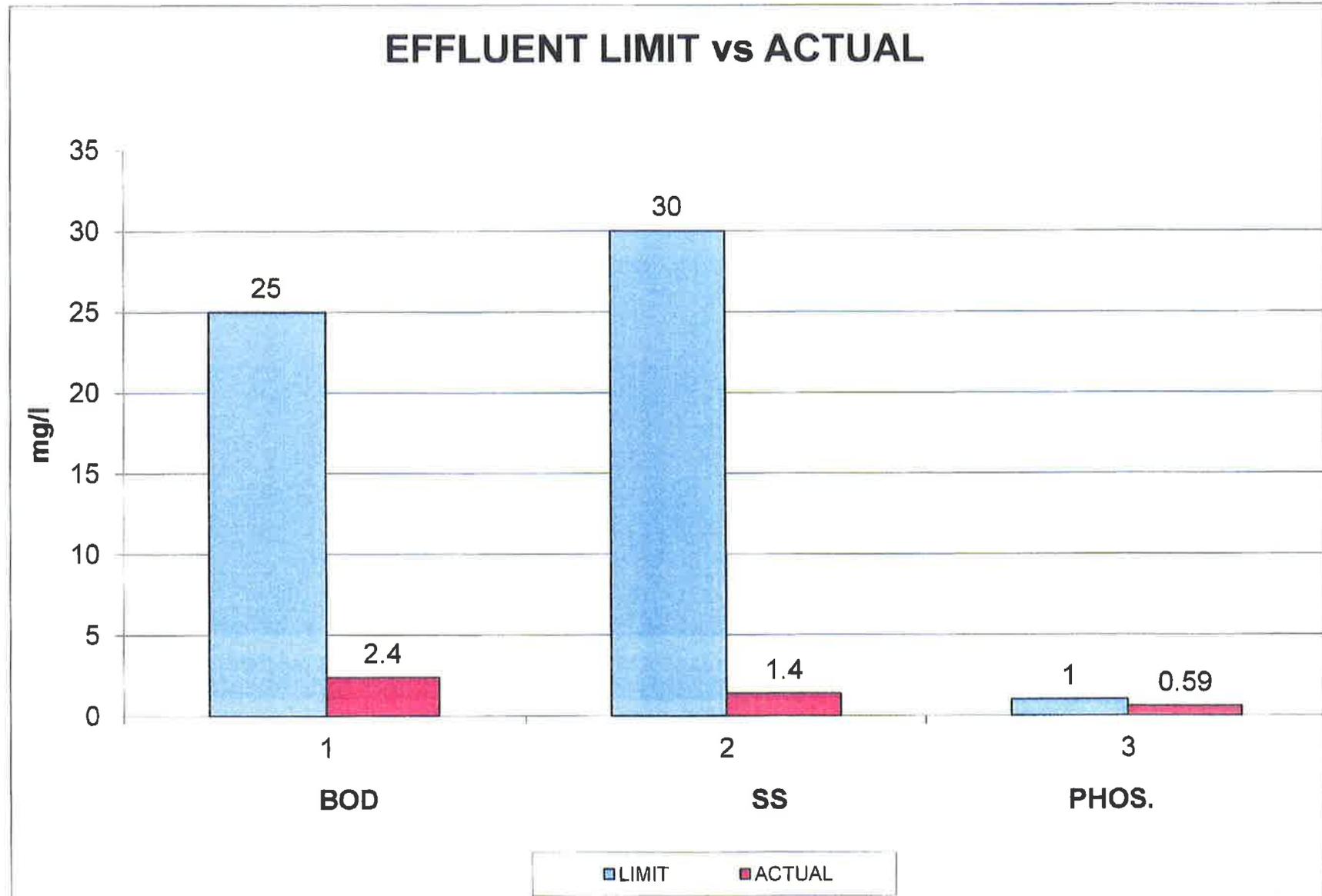
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

P=AFTER DISINFECTION

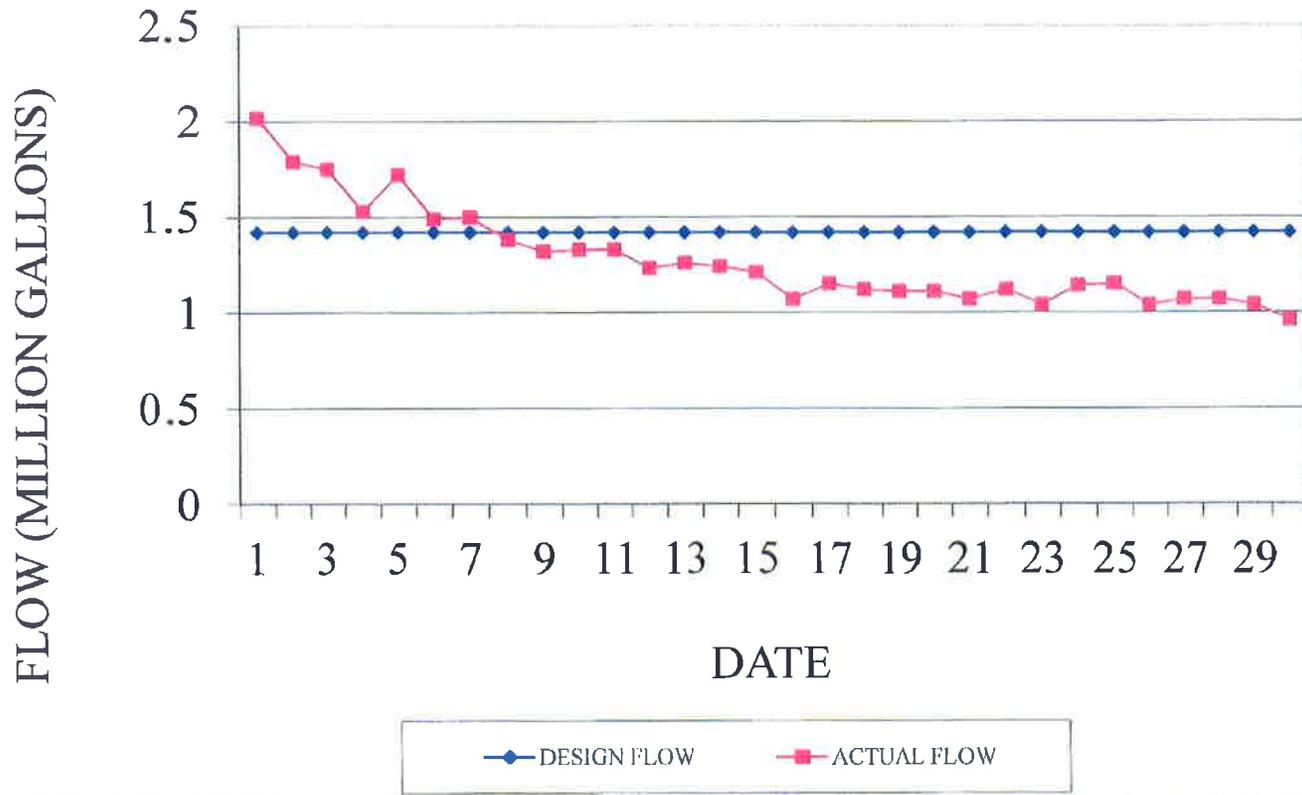
## Appendix B



# EFFLUENT LIMIT vs ACTUAL



### DESIGN FLOW vs ACTUAL FLOW





**APPOINTMENTS**

	Expires
Board of Review Vacancy (alternate)	01/01/2023
Construction Board of Appeals Vacancy	01/01/2021
Downtown Historic District Commission Vacancy	01/01/2024
Lowell Area Fire and Emergency Services Authority Vacancy (Dave Pasquale – Currently Serving)	01/01/2020

**CITY OF LOWELL**

**Application for Board or Commission Appointment**

Name: Lisa Plank  
Address: 421 N. Washington St.  
Telephone Numbers: Home \_\_\_\_\_ Cell 616-421-5201  
Email: lisaplank@att.net  
Board or Commission Position Desired: Historic District Commission

Please give a brief resume of your qualifications for the desired position (you may attach additional information): \_\_\_\_\_

I have degree in public history and have worked in many capacities in the museum field for over 30 years. I am currently the Director of the Lowell Area Historical Museum. The Museum works to preserve and present Lowell history to the residents and visitors of Lowell. As a resident, I live in one of Lowell's historic houses ("The Rivette" house) on Washington. If the Commission needs another member, I would be interested in serving.

Thank you  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Lisa Plank  
Signature 

**Please return application to:**  
City of Lowell  
Attn: City Clerk  
301 East Main Street  
Lowell, MI 49331  
  
Or by email to:  
[sullery@ci.lowell.mi.us](mailto:sullery@ci.lowell.mi.us)

**RECEIVED**  
AUG 13 2021  
CITY OF LOWELL  
LOWELL, MICHIGAN