

Memorandum



To: Lowell City Council
From: Steve Donkersloot
Date: February 9, 2018
Re: Regulator Station Easement for Consumers Energy

Included in your packet is the final proposed easement and easement drawing with Consumers Energy (CE) for a natural gas regulator station that CE has proposed building and installing for LL&P.

For those of you who are not aware, a regulator station is the most cost-effective way, amongst numerous different options that have been explored for the past 6+ years, for LL&P to have the natural gas supply to run both combustion turbines 24/7/365 – a long-term goal and strategic objective of the Board. As can be seen in the drawing, the regulator station will be located within the fenced-in area on the south-side of the LL&P Office Building where there is already, and has been for decades, other electric equipment (transformers, cooling tower, generator, piping, and more).

The easement has been reviewed and approved by the LL&P Board, LL&P staff, and the city attorney.

It is my recommendation that the City Council approve this easement with Consumers Energy for a natural gas regulator station.

EASEMENT

Parcel # 41-20-02-403-027

The City of Lowell, a municipal corporation, of 127 N. Broadway St., SE, Lowell, MI 49331, (hereinafter "Grantor"), for good and valuable consideration [*exempt from real estate transfer tax per MCLA 207.505(f) and from State real estate transfer tax per MCLA 205.526(f)*] paid to Grantor by **Consumers Energy Company, a Michigan corporation**, One Energy Plaza, Jackson, Michigan 49201, (hereinafter "Grantee"), receipt of which Grantor acknowledges, conveys and warrants to Grantee, its successors and assigns, forever, the following easement and rights in Grantor's land in the City of Lowell County of Kent, and State of Michigan:

An easement to lay, construct (including necessary grading and filling), maintain, repair, replace, remove, patrol, improve, protect, and enlarge a natural gas regulator site consisting of aboveground buildings and enclosures and aboveground and underground pipes, valves, and regulators and other fixtures and appurtenances (collectively, hereinafter "Regulator Site") for the purpose of regulating, transmitting, and distributing natural gas on, in, and under a portion of land described as follows (hereinafter "Easement Area"):

A parcel of land in Lot 21, Block 3, Richards' and Wickham's Plat of the Village of Lowell, Section 2, T.6 N.-R.9 W., Lowell Township, as recorded in Liber 2, Page 55, Kent County, Michigan described as follows: Beginning at a point on the East Block line, which is 247.21 feet, N.40°00'21"W. of the Southeast corner of said Block; thence S.73°50'29"W., 49.27 feet; thence N.14°56'04"W., 20.00 feet; thence N.73°50'29"E., 40.00 feet to said East Block line; thence S.40°00'21"E., on said East Block line, 21.82 feet to the point of beginning.

Together with an easement for ingress, egress, and regress over and across a portion of Grantor's land described as follows (hereinafter "Access Easement Area"):

A parcel of land in Lot 21, Block 3, Richards' and Wickham's Plat of the Village of Lowell, Section 2, T.6 N.-R.9 W., Lowell Township, as recorded in Liber 2, Page 55, Kent County, Michigan described as follows: Beginning at a point on the East Block line, which is 269.03 feet, N.40°00'21"W. of the Southeast corner of said Block; thence S.73°50'29"W., 31.50 feet; thence N.14°56'04"W., 11.00 feet; thence N.62°14'13"E., 24.71 feet to said East Block line; thence S.40°00'21"E., on said East Block line, 17.50 feet to the point of beginning.

Grantee shall have the right within the Access Easement Area to construct, maintain, repair, replace, remove, improve, enlarge, and use a driveway.

This easement includes the right to clear the Easement Area and the Access Easement Area of trees and brush, to install barricades to protect Grantee's Regulator Site, and to fence and otherwise enclose all or any portion of the Regulator Site as Grantee deems necessary. Grantee's easement and

right to use the fenced or enclosed area shall be exclusive, and Grantee shall have the full and exclusive right to restrict and control access to and entry upon, and to restrict and/or exclude any or all other use and occupancy of, the that portion of the Easement Area that Grantee may at any time fence or otherwise enclose.

Grantor agrees that no buildings or other structures will be placed on the Easement Area or the Access Easement Area and that the average ground elevation will not be changed from the level established at the time of installation of said facilities.

Grantee shall indemnify and hold Grantor harmless from and against any liability for personal injury or property damage to the extent proximately caused by Grantee's negligent acts or omissions in performing work within the Easement Area or Access Easement Area pursuant to this easement.

Grantor further agrees that nonuse or a limited use of the easements and rights herein granted shall not prevent Grantee from later making use thereof to the full extent herein authorized.

IN WITNESS WHEREOF, Grantor has caused this instrument to be executed as of this ____ day of _____, 2017.

City of Lowell

By: Mayor

By: Clerk

Acknowledged before me in _____ County, Michigan, on _____, 2017, by _____ Mayor, and _____ Clerk, of the City of Lowell, a Michigan municipal corporation, on behalf of the corporation.

Notary Public,

County, Michigan

Acting in _____ County, Michigan

My commission expires _____

Prepared by: Brandy R. Gale; 12/18/2017
Consumers Energy Company
One Energy Plaza
Jackson, Michigan 49201

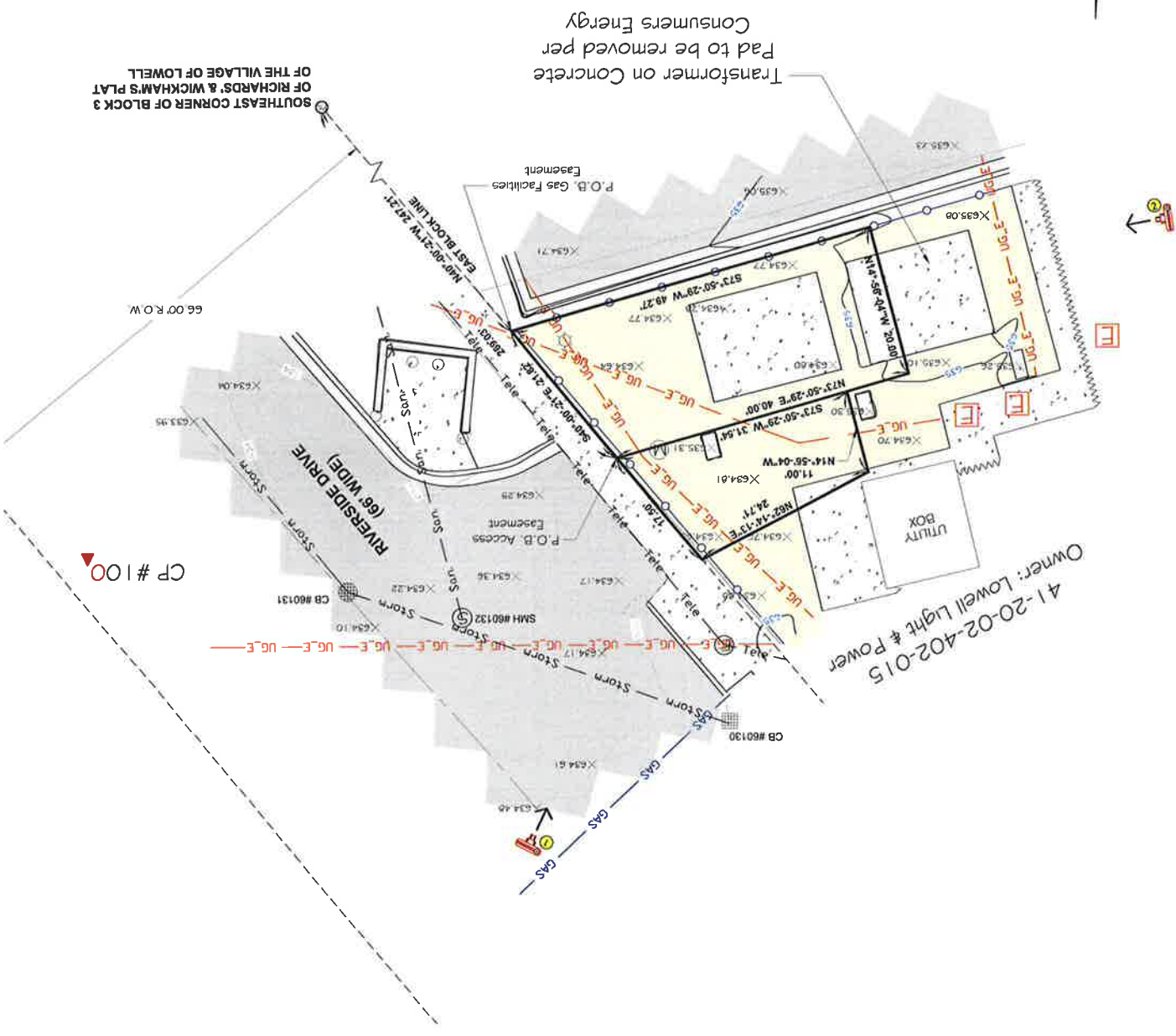
Return recorded instrument to:
Consumers Energy Company
Operations Services - Carrie Main, EP7-471
One Energy Plaza
Jackson, MI 49201

1.0' Contours



STRUCTURE #	RIM ELEVATION	STRUCTURE TYPE	PIPE SIZE (INCHES)	PIPE MATERIAL	INVERT ELEVATION	CONNECTIVITY
60130	633.91	CB	12	RCP	631.81	60131
			6	CLAY	631.86	524E
					631.36	60130
60131	634.00	CB				
						540E
			12	RCP	629.60	60132
						540E
60132	634.33	SMH				
						515E
60096	634.88	ABANDONED MH	8	CLAY	629.93	

Lowell Regulator Station Structure Inventory



SOUTHEAST CORNER OF BLOCK 3 OF RICHARDS' & WICKHAM'S PLAT OF THE VILLAGE OF LOWELL

Transformer on Concrete
Pad to be removed per
Consumers Energy

41-20-02-402-015
Owner: Lowell Light & Power

CP #100

Memorandum



To: Lowell City Council

From: Steve Donkersloot

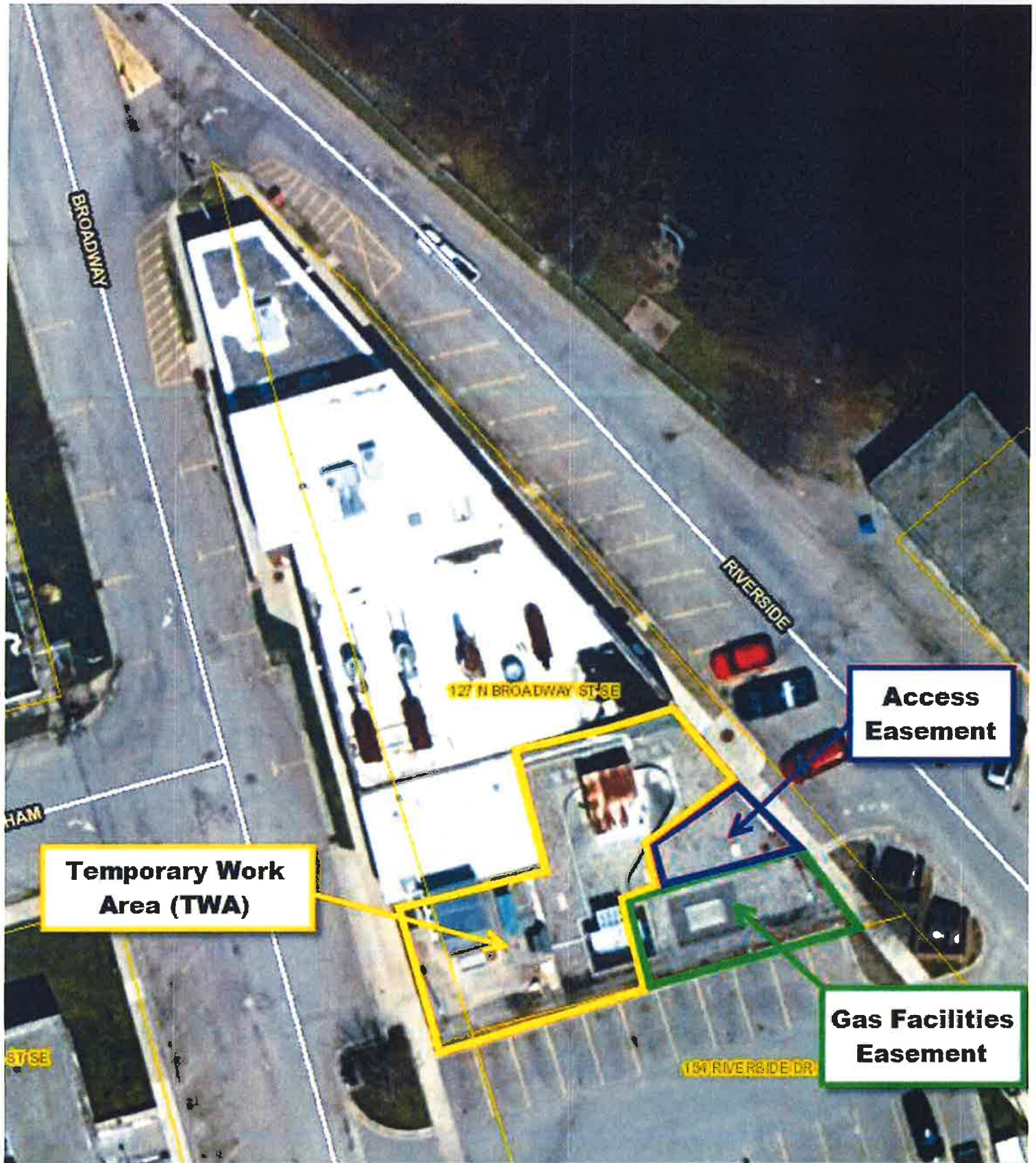
Date: February 9, 2018

Re: Temporary Working Agreement for Consumers Energy

Included in your packet is a Temporary Working Agreement (TWA) with Consumers Energy for them to install the natural gas regulator station (which was just reviewed and discussed).

The TWA has been reviewed and approved by the LL&P Board, LL&P staff, and the city attorney.

Assuming the easement with Consumers Energy was approved, it is my recommendation that the City Council approve this TWA with Consumers Energy.



TEMPORARY WORKING AGREEMENT

302GAS TWA - 2009
41-20-02-403-027

Order #31069118

THIS AGREEMENT, made this _____ day of _____, 2018, Between the City of Lowell, a municipal corporation, of 127 N. Broadway St., SE, Lowell, MI 49331, Grantor, and CONSUMERS ENERGY COMPANY, a Michigan corporation, One Energy Plaza, Jackson, Michigan 49201-2357, Grantee,

WITNESSETH:

In consideration of the sum of one dollar (\$1.00) and other valuable consideration paid to Grantor, the receipt of which Grantor hereby confesses and acknowledges, Grantor does hereby grant to Grantee permission to enter with vehicles and construction equipment, and to pile and deposit dirt and spoil upon land in the City of Lowell, County of Kent and State of Michigan, described as:

SEE ATTACHED DRAWING

The permission hereby granted shall continue in force from April 1, 2018 until December 31, 2018 for the construction of a gas regulator upon land adjoining the land herein described. Grantor agrees not to place any structures on the temporary work area or otherwise use the temporary work area so as to interfere with Grantee's activities during the term of this Agreement.

Grantee shall indemnify and hold Grantor harmless from and against any liability for personal injury or property damage to the extent proximately caused by Grantee's negligent acts or omissions in performing work within the attached drawing pursuant to this Temporary Working Area.

Grantee, by the acceptance of this instrument and entrance upon the premises for the purpose herein set forth, agrees that, within a reasonable period of time after the completion of said construction, it will clean up said land and level and restore same in a good and workmanlike manner.

IN WITNESS WHEREOF, Grantor has executed this instrument or has caused this instrument to be executed by it's duly authorized officers as of the day and year first above written.

City of Lowell

By: Mayor

By: Clerk

Prepared by: Catherine Heckaman 12/21/2017
Consumers Energy Company
One Energy Plaza
Jackson, MI 49201-2357

Return to: Consumers Energy Company
Operation Services - Real Estate
Attn: Carrie Main, EP7-471
One Energy Plaza
Jackson, MI 49201-2357



LOWELL CITY COUNCIL

MEMORANDUM

DATE: February 12, 2018

TO: Mayor DeVore and the City Council

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

RE: LARA Trail – Stoney Lakeside Park

The Lowell Area Recreation Authority (LARA) board is currently finishing up final plans to submit to MDOT and DNR for grant funding for their trail. They just recently chose to utilize Bowes Road rather than through the Valley Vista subdivision as this was much easier for them and more palatable for grant funding. The City Council also supported this decision.

What they would like to do is rather than run the entire portion of the trail straight on Bowes Road, they felt utilization of the trail through the park would enhance their funding capabilities for the grant. The plan would be to jog the trail toward the back of the park; towards the beach and back out to Bowes Rd. I have a drawing and photos for you to see.

Unfortunately, time is of the essence as final concept must be submitted with DNR grants that are due in early March. This was presented to me the week of February 5, 2018 and while I would prefer a recommendation from the Park Board; they will not meet until mid-March. Waiting to do so would impact the grant deadlines. I would argue that designing the trail to go through the park is positive and enhances the park. I have shared this with the Park Board and suggested to speak at the meeting if there was concern.

Understand that the layout of how the trail going through the park is not etched in stone, LARA would consider modifications to the trail if requested by the Board and Council, which we can do at a later date. However, LARA would like to add this concept to the grant application.

I recommend that the Lowell City County accept the request of the LARA board and allow for the trail to go through Stoney Lakeside Park.





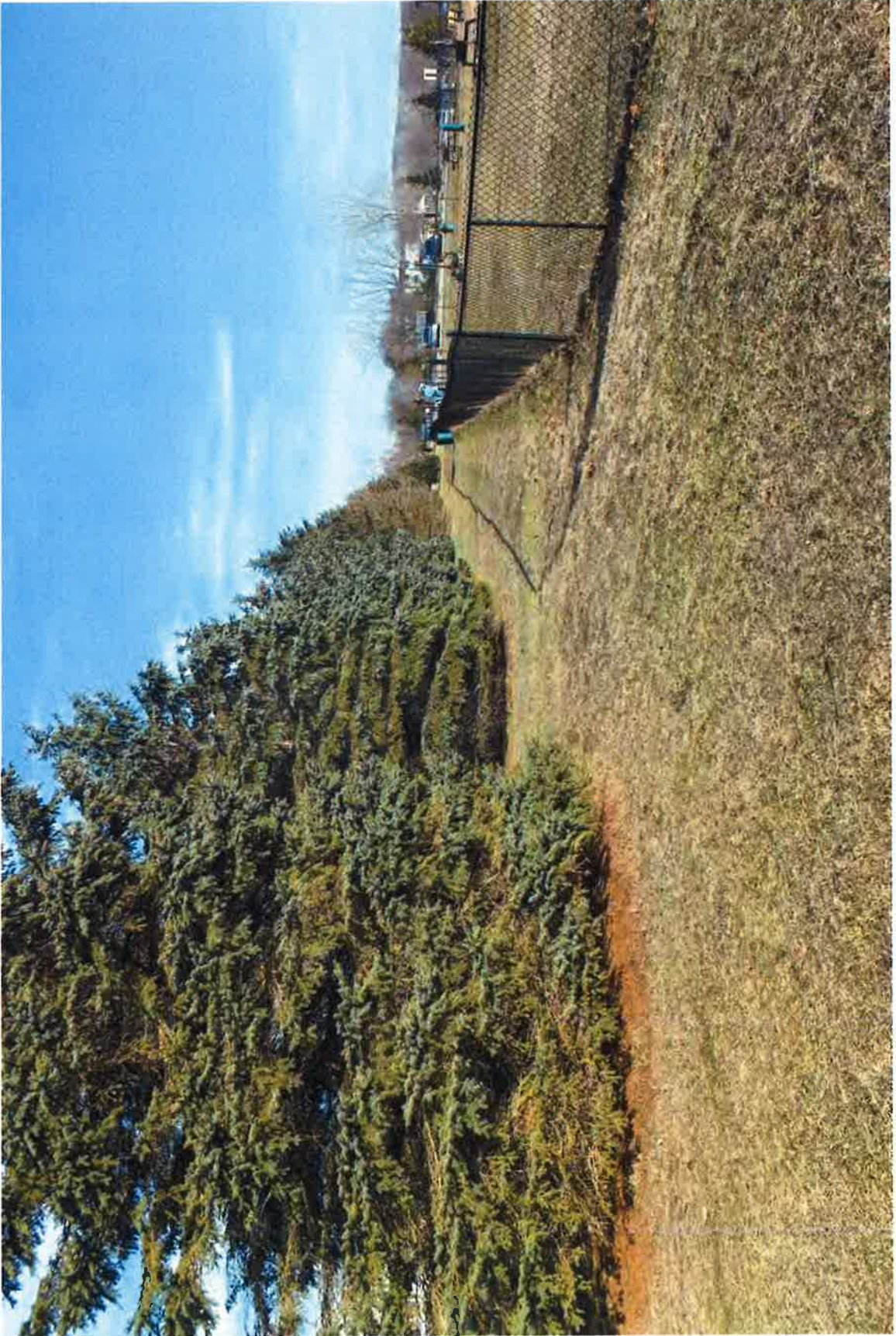
New Bridge

Example trail thru
fairgrounds (can change
to be more direct)

New Light
Crossing at
Hudson

Stoney Lake

Google Earth













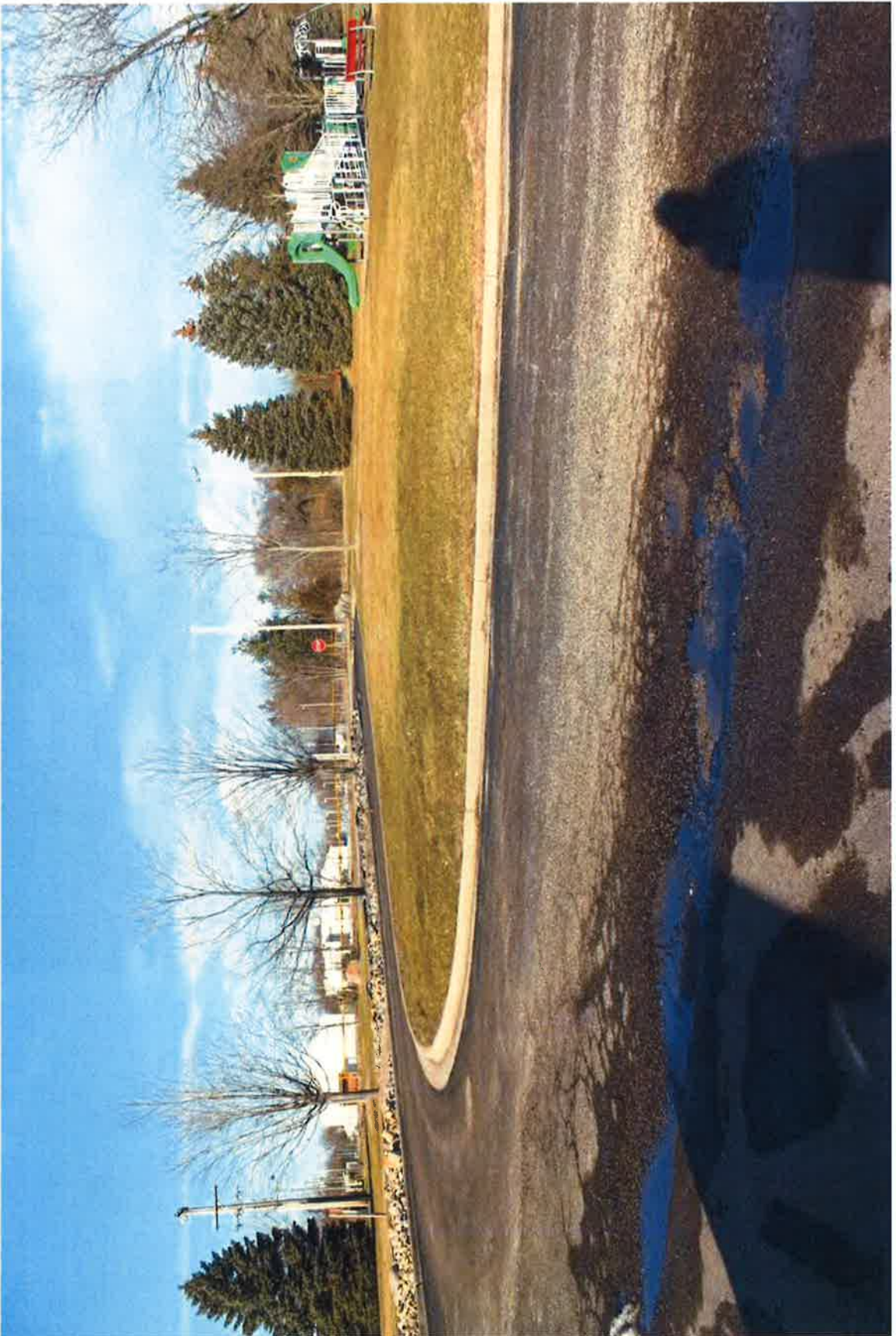


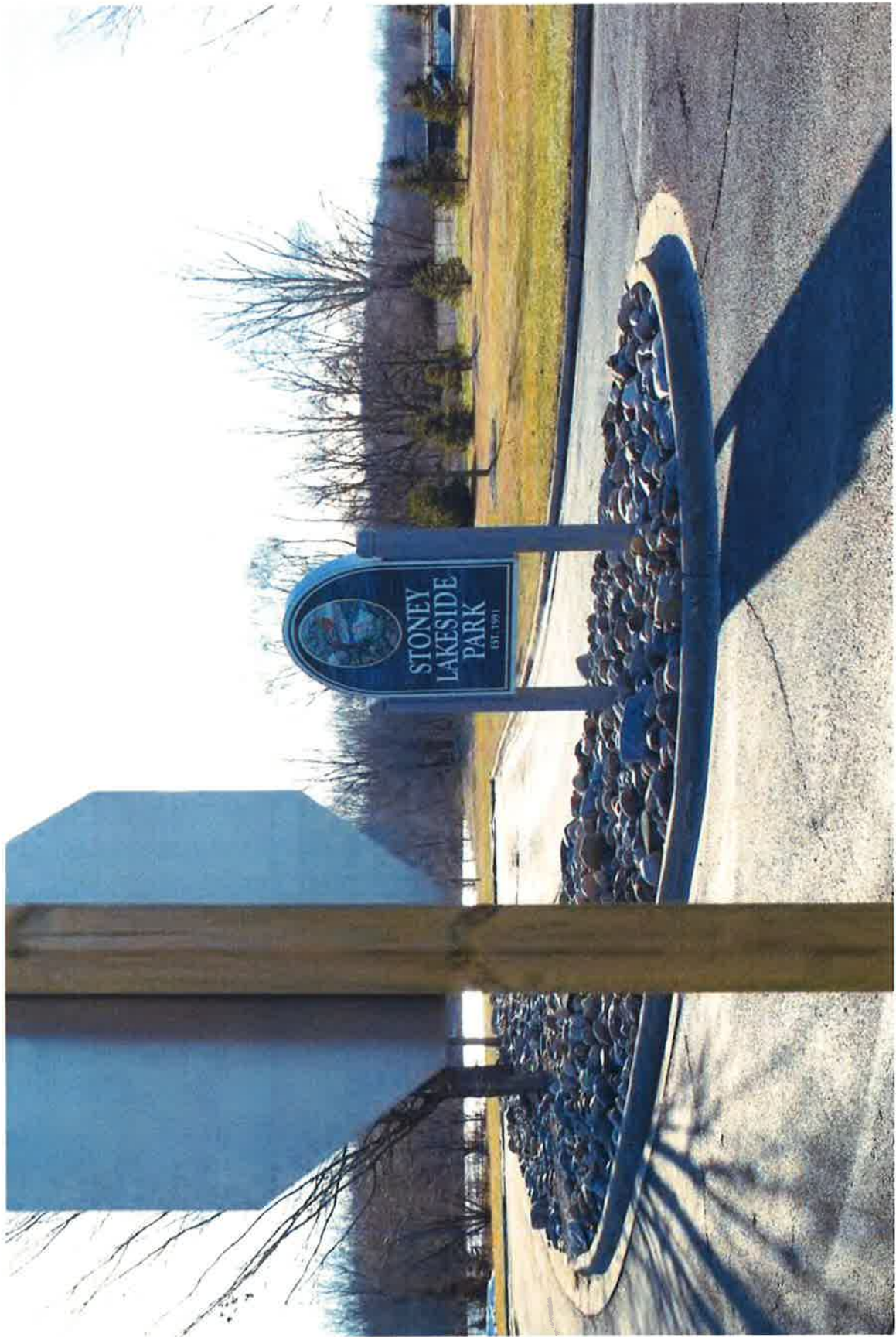












APPOINTMENTS

Expires

Downtown Development Authority
Vacancy (April McClure – currently serving)

01/01/2018

[illegible]

JANUARY 2018

AGENCIES ASSISTING LOWELL PD

COMPLAINT #	DATE	NATURE OF INCIDENT	AGENCY	DISPOSITION
18-0001	1/1/2018	ASSAULT	KENT COUNTY	BACK-UP
18-0039	1/7/2018	VERBAL DOMESTIC	KENT COUNTY	BACK-UP
18-0043	1/9/2018	WARRANT ARREST	KENT COUNTY	BACK-UP
18-0052	1/9/2018	VERBAL DOMESTIC	KENT COUNTY	BACK-UP
18-0053	1/10/2018	VERBAL DOMESTIC	KENT COUNTY	BACK-UP
18-0077	1/12/2018	VERBAL DOMESTIC	KENT COUNTY	BACK-UP
18-0167	1/25/2018	LOUD PARTY / POSSIBLE MARIJUANA	KENT COUNTY	BACK-UP
18-0182	1/30/2018	VERBAL DOMESTIC	KENT COUNTY	BACK-UP

JANUARY 2018

LOWELL POLICE DEPARTMENT

ASSISTING OTHER AGENCIES

<u>COMP. #</u>	<u>DATE</u>	<u>NATURE OF INCIDENT</u>	<u>DEPARTMENT</u>	<u>STATUS</u>	<u>VENUE</u>
18-0007	1/2/2018	DOMESTIC ASSAULT	KENT COUNTY	BACK-UP	VERGENNES
18-0028	1/5/2018	PI ACCIDENT	KENT COUNTY	ASSISTED	GRAND RAPIDS
18-0034	1/5/2018	MOTORIST ASSIST	KENT COUNTY	ASSISTED	VERGENNES
18-0035	1/6/2018	CO ALARM	LOWELL FIRE	ASSISTED	CITY OF LOWELL
18-0051	1/9/2018	SERVE PAPERS	CHARLOTTE CO, FL	HANDLED CALL	CITY OF LOWELL
18-0070	1/11/2018	SUICIDAL SUBJECT	KENT COUNTY	BACK-UP	LOWELL
18-0076	1/12/2018	PD ACCIDENT / DRUG USE	KENT COUNTY	BACK-UP	LOWELL
18-0095	1/16/2018	SEARCH HOUSE	PROBATION	ASSISTED	CITY OF LOWELL
18-0128	1/19/2018	B&E	KENT COUNTY	BACK-UP	LOWELL
18-0132	1/20/2018	CPS INVESTIGATION	CPS	ASSISTED	CITY OF LOWELL
18-0171	1/26/2018	LARCENY FROM VEHICLE	KENT COUNTY	BACK-UP	LOWELL
18-0172	1/27/2018	ALARM	KENT COUNTY	BACK-UP	LOWELL
18-0181	1/30/2018	RESIDENTIAL ALARM	KENT COUNTY	BACK-UP	LOWELL

**MONTHLY COMPARISON TOTALS
JANUARY 2017 AND 2018**

ACTIVITY	JANUARY	2017 YEAR-TO-DATE	JANUARY	2018 YEAR-TO-DATE
Total Arrests	27	27	32	32
Alcohol (MIP/Open Intox)	2	2	0	0
Drug Law Violations	2	2	8	8
Drunk Driving	0	0	2	2
Suspended License	5	5	3	3
Warrant Arrest	16	16	7	7
Other Arrests	2	2	12	12
Assault	2	2	0	0
Assault (Verbal)	3	3	6	6
Assault (Domestic)	3	3	1	1
Assist from Other Agency	5	5	8	8
Assist to Other Agency	10	10	13	13
Assist to Citizen	44	44	28	28
Breaking & Entering	0	0	0	0
Disorderly Conduct	2	2	0	0
Dog Complaints	1	1	1	1
Larceny	3	3	9	9
Malicious Destruction	1	1	1	1
Motorist Assist	7	7	6	6
Ordinance Violations	10	10	2	2
Accident Total	9	9	13	13
{Property Damage}	9	9	11	11
{Personal Injury}	0	0	2	2
Citations Issued	23	23	26	26
Traffic Stops: Warned	93	93	146	146
# of Traffic Stops Made	102	102	167	167
TOTAL COMPLAINTS	171	171	189	189



Lowell Area Fire and
Emergency Services Authority
Lowell Area Fire Department
301 E. Main St. Lowell, MI 49331
616-897-7354

Thursday, February 08, 2018

Fire Authority Board:

We responded to 74 total incidents for the month of January.

The crew was very busy while I was gone. They ran 4 house fires that week, two in our area and two mutual aids along with many medicals and a few crashes. They did a great job!

We are going to be ordering a new computer and printer for the report office. Total will be about \$1,000.00

The skid unit for the brush truck is being mounted and will be ready for the brush fire season. The new lettering turned out very nicely.

I will be gone Feb 23-25.

We are continuing to work on the punch list provided by the DPW director regarding our station needs.

Shannon, Corey and I are reviewing all reports. The Sunday evening officer meetings continue to be very productive.

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

Respectfully, Ron van Overbeek

Fire Chief, Lowell Area Fire Dept.

At this time we would like to thank the board, the twps. and the city for everything they've done for us this past year. With the purchase of the new brush truck and tender 6 we do not anticipate any more capitol purchases until the replacement of the county truck in 2022. The support from all 3 municipalities has been over whelming and we look forward to the years to come with hopes of maintaining this open working relationship.

Lowell Area Fire Dept.

Lowell, MI

This report was generated on 2/1/2018 7:24:00 AM



Incident Count with Man-Hours per Zone for Date Range

Start Date: 01/01/2018 | End Date: 01/31/2018

ZONE	INCIDENT COUNT	MAN-HOURS
Ada - Ada Township	1	40:00
City of Lowell - City	34	47:47
Lowell Township - Lowell Township	28	65:13
Saranac - Saranac	1	8:40
Vergennes Township - Vergennes Township	10	116:08
TOTAL	74	277:48

Lowell Area Fire Dept.

Lowell, MI

This report was generated on 2/1/2018 7:22:17 AM



Incident Count per User-Defined Fields for Date Range

Start Date: 01/01/2018 | End Date: 01/31/2018

ANSWERS	# INCIDENTS
USER-DEFINED FIELD: SCBA (Required)	
0	68
1	1
2	1
4	2
8	2

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

0	71
200	2
450	1

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

0	73
550	1

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

0	71
00	2
600	1

USER-DEFINED FIELD: Hand Tools Used (Required)

0	60
1	1
1 four gas monitior	1
1 pike pole, 1 haligon	1
1 ROOF HOOK	1

1 TIC		2
1 TIC, 2 Gas directors.		1
2 Brooms, 1 Shovel, 30# bag floor dry		1
2 gas monitor		1
2 Gas monitors		1
2 TIC, 2 pike Pole, 2 roof hooks, 1 Saw		2
4 gas meter		1
shovel and broom and wire cutters		1

USER-DEFINED FIELD: Rescue Tools Used (Required)		
0		73
Wedge, inflatable bag, hook		1

USER-DEFINED FIELD: Water used (gal) (Required)		
0		69
1250		1
20000		1
3000		1
5		1
700		1

Lowell Area Fire Dept.

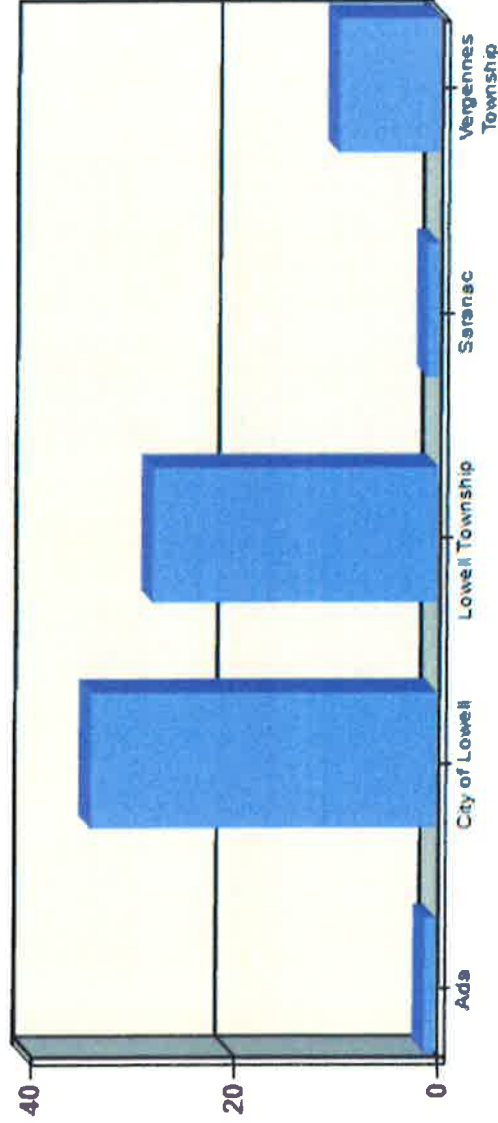
Lowell, MI

This report was generated on 2/1/2018 7:20:34 AM



Incident Count per Zone for Date Range

Start Date: 01/01/2018 | End Date: 01/31/2018



ZONE	# INCIDENTS
Ada - Ada Township	1
City of Lowell - City	34
Lowell Township - Lowell Township	28
Saranac - Saranac	1
Vergennes Township - Vergennes Township	10
TOTAL:	74

Zone information is defined on the Basic Info 3 screen of an incident. Only REVIEWED incidents included.

CITY OF LOWELL
REPORT FOR : JANUARY
FOR: Michael Burns

DRINKING WATER TREATMENT AND FILTRATION PLANT

A TOTAL OF: 15.66861 MILLION GALLONS OF RAW WATER WAS TREATED FOR THE
MONTH OF: JANUARY TOTAL PUMPING TIME, TREATMENT AND THE DISTRIBUTION
OF THE FINISHED WATER TO THE SYSTEM REQUIRED 246.25 HOURS, WHICH RESULTED IN
366.75 MAN HOURS FOR THE OPERATION.

CHEMICAL COST PER MILLION GALLONS: \$ 187.54

ELECTRICAL COST PER MILLION GALLONS: \$ 341.88

TOTAL COST PER MILLION GALLONS: \$ 529.42

WATER PRODUCTION

DAILY AVERAGE: 0.505 MILLION GALLONS

DAILY MAXIMUM: 0.627 MILLION GALLONS

DAILY MINIMUM: 0.407 MILLION GALLONS

THE AVERAGE PLANT OPERATION TIME WAS 7.9435 HOURS PER DAY.

January 2018 Sexton's

Total of Burials: 0 of those were: full: cremations: 0 Year to date 0

Oakwood: Spent 90.5 hrs

- Doubled checked to make sure all my records were up to date. Added new info into my computer.
- Moving snow off sidewalk..
- Started going through things in a old file cabinet that I don't remember when I went through them. Found some important items that I took to City Hall for their records, Then tossed things unnecessary to keep. .
- Took inventory of products I have on hand and started a list of things I'll need for next year.
- Did some research for trees that would be a good fit in our downtown so we can replace the messy berry producing pear trees.

City Hall – LPD: Spent 12.5 hr's

- Shoveling snow off sidewalks and salting key areas.
- Replaced a few bulbs.
- Re-glued a small area of banding on one of the desks.
- Unpacked box of flags and put them away.
- Replaced a coupler folding the flag to the rope.

Englehardt Library: Spent 9.5 hr's doing the following:

- Shoveling and salting the sidewalks.
- Replaced a few light bulbs..
- Filled the soap dispenser in both bathrooms bathroom.

D.D.A. Spent 32 hr's doing the following:

- Snow removal, including hauling away some that had piled up .
- Pruned up a few low branches that were hitting the lights on top of bobcat.

Museum: spent 2.75 hr's removing snow

D.P.W. spent 7.25 hr's staff meetings and removing snow

Parks: spent 4.75 hr's removing snow and pruned up low branches.

Water Plant: spent 1.25 hr's removing snow

Fire Station: spent ~~X~~.25 hr's removing snow

Equipment Maint. 4.75 cleaning equipment after heavy use.

Major Maint. 1.5 hr's cold patching Loc. Maint. 1.5 hr's cold patching

JAN

CITY OF LOWELL - PERMIT LIST

02/02/2018

Permit	Address	Issue Date	Parcel No.	Work Description	Permit Fee	Value
PB18900006	162 S WEST AVE SE	01/24/2018	41-20-02-353-008	WOOD DECK	150.00	12,000
PB18900030	1800 W MAIN ST SE	01/04/2018	41-20-03-451-001	MANUFACTURED HOME	50.00	6,995
PB18900045	2111 W MAIN ST SE	01/17/2018	41-20-03-326-032	POLE SIGN - LOWELL CI'	50.00	12,529
PB18900056	2535 GEE DR SE	01/17/2018	41-20-03-151-023	FINISHED BASEMENT	185.00	29,688
PB18900068	318 E MAIN ST SE	01/26/2018	41-20-02-430-012	INTERIOR REMODEL - B]	230.00	45,000
PB18900082	1151 BOWES ST SE	01/30/2018	41-20-03-478-031	ADDITION TO BUILDING	200.00	18,000
PB18900112	219 E MAIN ST SE	01/31/2018	41-20-02-406-018	SIGN	50.00	3,500

Total Permits: 7

Total Fee Amount: 915.00

Total Const. Value: 127,712

Permit	Address	Issue Date	Parcel No.	Work Description	Permit Fee	Value
PE18900059	1800 W MAIN ST SE	01/08/2018	41-20-03-451-001	#90 A/C UNIT	62.00	0
PE18900081	2175 W MAIN ST SE	01/17/2018	41-20-03-326-027	Install one new internally ill	60.00	0
PE18900127	2111 W MAIN ST SE	01/17/2018	41-20-03-326-032	Install one internally illumin	60.00	0
PE18900130	2535 GEE DR SE	01/16/2018	41-20-03-151-023	FINISHED BASEMENT	96.00	0
PE18900177	318 E MAIN ST SE	01/25/2018	41-20-02-430-012	INTERIOR REMODELBIG	151.00	0

Total Permits: 5

Total Fee Amount: 429.00

Total Const. Value: 0

Permit	Address	Issue Date	Parcel No.	Work Description	Permit Fee	Value
PM18900041	804 RIVERSIDE DR	01/04/2018	41-20-02-179-004	INTERIOR REMODEL	55.00	0
PM18900042	1800 W MAIN ST SE	01/04/2018	41-20-03-451-001	MANUFACTURED HOME	55.00	0
PM18900069	1800 W MAIN ST SE	01/08/2018	41-20-03-451-001	#90 A/C	80.00	0
PM18900081	823 AVERY ST SE	01/11/2018	41-20-01-153-014		150.00	0
PM18900101	820 N JEFFERSON ST	01/12/2018	41-20-02-226-012		80.00	0
PM18900128	2535 GEE DR SE	01/16/2018	41-20-03-151-023	FINISHED BASEMENT	55.00	0

JAN

02/02/2018

CITY OF LOWELL - PERMIT LIST

PM18900171	1800 W MAIN ST SE	01/22/2018	41-20-03-451-001	LOT #40	80.00	0
PM18900173	209 BROOK ST	01/22/2018	41-20-02-380-004		80.00	0
PM18900174	275 ELIZABETH DEAN	01/22/2018	41-20-03-418-008		80.00	0
PM18900220	318 E MAIN ST SE	01/26/2018	41-20-02-430-012		155.00	0
PM18900225	306 ELM ST SE	01/29/2018	41-20-02-338-012		225.00	0
PM18900242	318 E MAIN ST SE	01/30/2018	41-20-02-430-012		120.00	0
Total Permits:		12				
Total Fee Amount:		1,215.00				
Total Const. Value:		0				

Permit	Address	Issue Date	Parcel No.	Work Description	Permit Fee	Value
PP18900011	804 RIVERSIDE DR	01/04/2018	41-20-02-179-004	INTERIOR REMODEL	50.00	0
PP18900012	1800 W MAIN ST SE	01/04/2018	41-20-03-451-001	MANUFACTURED HOME	60.00	0
PP18900041	2535 GEE DR SE	01/16/2018	41-20-03-151-023	FINISHED BASEMENT	65.00	0
PP18900081	306 ELM ST SE	01/29/2018	41-20-02-338-012		156.00	0
Total Permits:		4				
Total Fee Amount:		331.00				
Total Const. Value:		0				

Grand Total Permits:

28

Grand Total Permit Fee:

2,890.00

Grand Total Const. Value:

\$127,712

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
PERIOD ENDING 01/31/2018

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 01/31/2018	ACTIVITY FOR MONTH 01/31/2018	AVAILABLE BALANCE	% BDC USED
Fund 101 - GENERAL FUND						
Revenues						
TAXES	TAXES	1,977,996.52	1,701,316.95	66,702.19	276,679.57	86.01
STATE	STATE GRANTS	466,576.00	191,441.79	0.00	275,134.21	41.03
LICPER	LICENSES AND PERMITS	40,100.00	24,420.82	175.00	15,679.18	60.90
CHARGES	CHARGES FOR SERVICES	316,850.00	30,084.02	1,809.50	286,765.98	9.49
INT	INTEREST AND RENTS	2,000.00	3,050.18	0.00	(1,050.18)	152.51
OTHER	OTHER REVENUE	16,000.00	24,897.89	3,066.91	(8,897.89)	155.61
TRANSIN	TRANSFERS IN	148,022.00	0.00	894.00	148,022.00	0.00
FINES	FINES AND FORFEITURES	5,250.00	5,595.62	894.00	(345.62)	106.58
LOCAL	LOCAL CONTRIBUTIONS	12,100.00	10,489.64	1,781.00	1,610.36	86.69
TOTAL REVENUES		2,984,894.52	1,991,296.91	74,428.60	993,597.61	66.71
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
101	COUNCIL	16,141.00	14,201.04	1,297.72	1,939.96	87.98
172	MANAGER	110,850.00	59,183.53	7,343.71	51,666.47	53.39
191	ELECTIONS	7,760.00	2,475.45	0.00	5,284.55	31.90
209	ASSESSOR	54,000.00	29,351.61	4,801.23	24,648.39	54.35
210	ATTORNEY	40,000.00	32,485.19	4,932.50	7,514.81	81.21
215	CLERK	117,620.00	67,832.90	11,988.74	49,787.10	57.67
253	TREASURER	211,128.00	102,848.55	12,822.37	108,279.45	48.71
265	CITY HALL	170,970.00	67,710.39	8,499.01	103,259.61	39.60
276	CEMETERY	124,485.00	68,016.03	6,915.16	56,468.97	54.64
294	UNALLOCATED MISCELLANEOUS	5,000.00	114,917.02	5,893.00	(109,917.02)	2,298.34
301	POLICE DEPARTMENT	676,280.00	383,130.56	52,118.02	293,149.44	56.65
305	CODE ENFORCEMENT	94,660.00	43,311.59	6,392.45	51,348.41	45.75
336	FIRE	125,000.00	60,918.36	345.53	64,081.64	48.73
371	BUILDING INSPECTION DEPARTMENT	0.00	0.00	0.00	0.00	0.00
400	PLANNING & ZONING	60,090.00	46,606.21	6,072.84	13,483.79	77.56
426	EMERGENCY MANAGEMENT	0.00	0.00	0.00	0.00	0.00
441	DEPARTMENT OF PUBLIC WORKS	275,900.00	127,565.96	18,410.36	148,334.04	46.24
442	SIDEWALK	26,385.00	1,012.06	174.04	25,372.94	3.84
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	21,100.00	10,526.85	1,490.31	10,573.15	49.89
747	CHAMBER/RIVERWALK	4,000.00	1,559.02	366.18	2,440.98	38.98
751	PARKS	162,680.00	73,458.97	3,078.19	89,221.03	45.16
757	SHOWBOAT	8,100.00	328.48	42.26	7,771.52	4.06
758	DOG PARK	0.00	0.00	0.00	0.00	0.00
774	RECREATION CONTRIBUTIONS	2,500.00	0.00	0.00	2,500.00	0.00
790	LIBRARY	86,950.00	46,540.71	4,889.94	40,409.29	53.53
803	HISTORICAL DISTRICT COMMISSION	165.00	14.17	(15,446.97)	150.83	8.59
804	MUSEUM	42,275.00	31,180.78	17,307.67	11,094.22	73.76
906	DEBT SERVICE	0.00	0.00	0.00	0.00	0.00
965	TRANSFERS OUT	511,046.00	0.00	0.00	511,046.00	0.00
TOTAL EXPENDITURES		2,955,085.00	1,385,175.43	159,734.26	1,569,909.57	46.87
TOTAL REVENUES						
TOTAL REVENUES		2,984,894.52	1,991,296.91	74,428.60	993,597.61	66.71
TOTAL EXPENDITURES		2,955,085.00	1,385,175.43	159,734.26	1,569,909.57	46.87
NET OF REVENUES & EXPENDITURES		29,809.52	606,121.48	(85,305.66)	(576,311.96)	2,033.32

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 01/31/2018	ACTIVITY FOR MONTH 01/31/2018	AVAILABLE BALANCE	% BDGT USED
Fund 202 - MAJOR STREET FUND						
Revenues						
INT	INTEREST AND RENTS	200.00	292.40	0.00	(92.40)	146.20
OTHER	OTHER REVENUE	208,200.00	117,391.01	21,966.59	90,808.99	56.38
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
FED	FEDERAL GRANTS	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		208,400.00	117,683.41	21,966.59	90,716.59	56.47
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
450	CAPITAL OUTLAY	120,600.00	62,051.09	1,459.17	58,548.91	51.45
463	MAINTENANCE	60,560.00	17,876.66	1,409.98	42,683.34	29.52
474	TRAFFIC	9,330.00	5,492.18	113.54	3,837.82	58.87
478	WINTER MAINTENANCE	43,100.00	30,144.12	15,377.79	12,955.88	69.94
483	ADMINISTRATION	13,200.00	500.00	0.00	12,700.00	3.79
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		246,790.00	116,064.05	18,360.48	130,725.95	47.03
TOTAL REVENUES						
TOTAL REVENUES		208,400.00	117,683.41	21,966.59	90,716.59	56.47
TOTAL EXPENDITURES		246,790.00	116,064.05	18,360.48	130,725.95	47.03
NET OF REVENUES & EXPENDITURES		(38,390.00)	1,619.36	3,606.11	(40,009.36)	4.22

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
PERIOD ENDING 01/31/2018

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 01/31/2018	ACTIVITY FOR MONTH 01/31/2018	AVAILABLE BALANCE	% BDGT USED
Fund 203 - LOCAL STREET FUND						
Revenues						
STATE	STATE GRANTS	0.00	0.00	0.00	0.00	0.00
CHARGES	CHARGES FOR SERVICES	0.00	0.00	0.00	0.00	0.00
INT	INTEREST AND RENTS	0.00	21.64	0.00	(21.64)	100.00
OTHER	OTHER REVENUE	80,000.00	43,102.19	7,453.58	36,897.81	53.88
TRANSIN	TRANSFERS IN	180,000.00	0.00	0.00	180,000.00	0.00
LOCAL	LOCAL CONTRIBUTIONS	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		260,000.00	43,123.83	7,453.58	216,876.17	16.59
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
450	CAPITAL OUTLAY	17,900.00	0.00	0.00	17,900.00	0.00
463	MAINTENANCE	63,750.00	34,022.60	2,811.45	29,727.40	53.37
474	TRAFFIC	11,900.00	5,980.28	303.75	5,919.72	50.25
478	WINTER MAINTENANCE	60,800.00	40,752.57	18,920.33	20,047.43	67.03
483	ADMINISTRATION	16,900.00	500.00	0.00	16,400.00	2.96
906	DEBT SERVICE	75,205.00	73,705.00	0.00	1,500.00	98.01
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		246,455.00	154,960.45	22,035.53	91,494.55	62.88
TOTAL REVENUES						
TOTAL EXPENDITURES		260,000.00	43,123.83	7,453.58	216,876.17	16.59
NET OF REVENUES & EXPENDITURES		246,455.00	154,960.45	22,035.53	91,494.55	62.88
		13,545.00	(111,836.62)	(14,581.95)	125,381.62	825.67

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2018

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 01/31/2018	ACTIVITY FOR MONTH 01/31/2018	AVAILABLE BALANCE	% BDGT USED
Fund 238 - HISTORICAL DISTRICT FUND						
Revenues						
INT	INTEREST AND RENTS	100.00	54.26	0.00	45.74	54.26
OTHER	OTHER REVENUE	50,000.00	50,000.00	0.00	0.00	100.00
TOTAL REVENUES		50,100.00	50,054.26	0.00	45.74	99.91
Expenditures						
000		50,000.00	51,106.00	391.00	(1,106.00)	102.21
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		50,000.00	51,106.00	391.00	(1,106.00)	102.21
TOTAL REVENUES		50,100.00	50,054.26	0.00	45.74	99.91
TOTAL EXPENDITURES		50,000.00	51,106.00	391.00	(1,106.00)	102.21
NET OF REVENUES & EXPENDITURES		100.00	(1,051.74)	(391.00)	1,151.74	1,051.74

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
PERIOD ENDING 01/31/2018

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 01/31/2018	ACTIVITY FOR MONTH 01/31/2018	AVAILABLE BALANCE	% BDGT USED
Fund 248 - DOWNTOWN DEVELOPMENT AUTHORITY						
Revenues						
TAXES	TAXES	420,000.00	447,579.49	44,800.00	(27,579.49)	106.57
STATE	STATE GRANTS	0.00	8,201.79	0.00	(8,201.79)	100.00
INT	INTEREST AND RENTS	400.00	697.54	0.00	(297.54)	174.39
OTHER	OTHER REVENUE	0.00	72.98	0.00	(72.98)	100.00
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		420,400.00	456,551.80	44,800.00	(36,151.80)	108.60
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
450	CAPITAL OUTLAY	100,000.00	9,845.00	0.00	90,155.00	9.85
463	MAINTENANCE	88,050.00	69,933.31	8,510.80	18,116.69	79.42
483	ADMINISTRATION	32,400.00	9,557.48	1,358.65	22,842.52	29.50
740	COMMUNITY PROMOTIONS	65,000.00	11,347.03	7.25	53,652.97	17.46
906	DEBT SERVICE	0.00	0.00	0.00	0.00	0.00
965	TRANSFERS OUT	161,364.00	0.00	0.00	161,364.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		446,814.00	100,682.82	9,876.70	346,131.18	22.53
TOTAL REVENUES						
TOTAL EXPENDITURES		420,400.00	456,551.80	44,800.00	(36,151.80)	108.60
NET OF REVENUES & EXPENDITURES		446,814.00	100,682.82	9,876.70	346,131.18	22.53
		(26,414.00)	355,868.98	34,923.30	(382,282.98)	1,347.27

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2018

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 01/31/2018	ACTIVITY FOR MONTH 01/31/2018	AVAILABLE BALANCE	% BDC USED
Fund 260 - DESIGNATED CONTRIBUTIONS						
Revenues						
STATE	STATE GRANTS	0.00	500,000.00	500,000.00	(500,000.00)	100.00
INT	INTEREST AND RENTS	700.00	2,160.00	1,650.00	(1,460.00)	308.57
OTHER	OTHER REVENUE	0.00	8,719.60	0.00	(8,719.60)	100.00
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
LOCAL	LOCAL CONTRIBUTIONS	5,000.00	0.00	0.00	5,000.00	0.00
TOTAL REVENUES						
		5,700.00	510,879.60	501,650.00	(505,179.60)	8,962.80
Expenditures						
000	CITY HALL	0.00	0.00	0.00	0.00	0.00
265	CEMETERY	0.00	0.00	0.00	0.00	0.00
276	POLICE DEPARTMENT	0.00	0.00	0.00	0.00	0.00
301	SIDEWALK	0.00	0.00	0.00	0.00	0.00
442	ARBOR BOARD	0.00	0.00	0.00	0.00	0.00
443	TRAFFIC	5,000.00	6,402.50	1,685.00	(1,402.50)	128.05
474	PARKS	0.00	0.00	0.00	0.00	0.00
751	DOG PARK	0.00	2,281.08	1,920.08	(2,281.08)	100.00
758	COMMUNITY GARDEN	700.00	470.57	55.54	229.43	67.22
759	LIBRARY	0.00	0.00	0.00	0.00	0.00
790		0.00	1,697.71	0.00	(1,697.71)	100.00
TOTAL EXPENDITURES						
		5,700.00	10,851.86	3,660.62	(5,151.86)	190.38
TOTAL REVENUES						
		5,700.00	510,879.60	501,650.00	(505,179.60)	8,962.80
TOTAL EXPENDITURES						
		5,700.00	10,851.86	3,660.62	(5,151.86)	190.38
NET OF REVENUES & EXPENDITURES						
		0.00	500,027.74	497,989.38	(500,027.74)	100.00

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
PERIOD ENDING 01/31/2018

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 01/31/2018	ACTIVITY FOR MONTH 01/31/2018	AVAILABLE BALANCE	% BDT USED
Fund 351 - GENERAL DEBT SERVICE (NON-VOTED BONDS)						
Revenues						
INT	INTEREST AND RENTS	0.00	0.00	0.00	0.00	0.00
OTHER	OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
TRANSIN	TRANSFERS IN	296,046.00	0.00	0.00	296,046.00	0.00
TOTAL REVENUES		296,046.00	0.00	0.00	296,046.00	0.00
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
906	DEBT SERVICE	296,046.00	60,522.51	0.00	235,523.49	20.44
TOTAL EXPENDITURES		296,046.00	60,522.51	0.00	235,523.49	20.44
TOTAL REVENUES		296,046.00	0.00	0.00	296,046.00	0.00
TOTAL EXPENDITURES		296,046.00	60,522.51	0.00	235,523.49	20.44
NET OF REVENUES & EXPENDITURES		0.00	(60,522.51)	0.00	60,522.51	100.00

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2018

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 01/31/2018	ACTIVITY FOR MONTH 01/31/2018	AVAILABLE BALANCE	% BDGT USED
Fund 581 - AIRPORT FUND						
Revenues						
CHARGES	CHARGES FOR SERVICES	12,216.00	7,393.31	456.78	4,822.69	60.52
INT	INTEREST AND RENTS	46,050.00	26,377.30	10,468.00	19,672.70	57.28
OTHER	OTHER REVENUE	1,000.00	1,025.00	0.00	(25.00)	102.50
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		59,266.00	34,795.61	10,924.78	24,470.39	58.71
Expenditures						
000		78,500.00	28,591.41	3,563.32	49,908.59	36.42
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		78,500.00	28,591.41	3,563.32	49,908.59	36.42
TOTAL REVENUES		59,266.00	34,795.61	10,924.78	24,470.39	58.71
TOTAL EXPENDITURES		78,500.00	28,591.41	3,563.32	49,908.59	36.42
NET OF REVENUES & EXPENDITURES		(19,234.00)	6,204.20	7,361.46	(25,438.20)	32.26

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 01/31/2018	ACTIVITY FOR MONTH 01/31/2018	AVAILABLE BALANCE	% BDGT USED
Fund 590 - WASTEWATER FUND						
Revenues						
STATE	STATE GRANTS	0.00	0.00	0.00	0.00	0.00
CHARGES	CHARGES FOR SERVICES	1,063,000.00	624,169.67	82,546.92	438,830.33	58.72
INT	INTEREST AND RENTS	3,000.00	3,139.88	0.00	(139.88)	104.66
OTHER	OTHER REVENUE	3,000.00	238.60	0.00	2,761.40	7.95
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
LOCAL	LOCAL CONTRIBUTIONS	0.00	0.00	0.00	0.00	0.00
FED	FEDERAL GRANTS	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		1,069,000.00	627,548.15	82,546.92	441,451.85	58.70
Expenditures						
000	TREATMENT	0.00	0.00	0.00	0.00	0.00
550	COLLECTION	646,600.00	358,752.93	41,432.02	287,847.07	55.48
551		455,350.00	115,454.66	4,113.70	339,895.34	25.36
552	CUSTOMER ACCOUNTS	77,850.00	29,774.49	4,371.71	48,075.51	38.25
553	ADMINISTRATION	270,568.00	114,118.75	0.00	156,449.25	42.18
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		1,450,368.00	618,100.83	49,917.43	832,267.17	42.62
TOTAL REVENUES		1,069,000.00	627,548.15	82,546.92	441,451.85	58.70
TOTAL EXPENDITURES		1,450,368.00	618,100.83	49,917.43	832,267.17	42.62
NET OF REVENUES & EXPENDITURES		(381,368.00)	9,447.32	32,629.49	(390,815.32)	2.48

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL

Page: 10/17

PERIOD ENDING 01/31/2018

GL NUMBER	DESCRIPTION	2017-18	YTD BALANCE 01/31/2018	ACTIVITY FOR	AVAILABLE BALANCE	% BDGT USED
		AMENDED BUDGET		MONTH 01/31/2018		
Fund 591 - WATER FUND						
Revenues						
CHARGES	CHARGES FOR SERVICES	1,033,700.00	763,161.67	88,141.60	270,538.33	73.83
INT	INTEREST AND RENTS	5,540.00	12,785.45	1,173.82	(7,245.45)	230.78
OTHER	OTHER REVENUE	1,024,659.00	15,626.41	75.00	1,009,032.59	1.53
TRANSIN	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		2,063,899.00	791,573.53	89,390.42	1,272,325.47	38.35
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	574,510.00	215,173.71	28,487.40	359,336.29	37.45
571	DISTRIBUTION	1,367,254.00	99,269.88	15,994.24	1,267,984.12	7.26
572	CUSTOMER ACCOUNTS	83,500.00	29,679.43	4,371.72	53,820.57	35.54
573	ADMINISTRATION	435,845.50	164,254.04	112,079.00	271,591.46	37.69
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		2,461,109.50	508,377.06	160,932.36	1,952,732.44	20.66
TOTAL REVENUES						
TOTAL EXPENDITURES		2,063,899.00	791,573.53	89,390.42	1,272,325.47	38.35
NET OF REVENUES & EXPENDITURES		2,461,109.50	508,377.06	160,932.36	1,952,732.44	20.66
		(397,210.50)	283,196.47	(71,541.94)	(680,406.97)	71.30

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
PERIOD ENDING 01/31/2018

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 01/31/2018	ACTIVITY FOR MONTH 01/31/2018	AVAILABLE BALANCE	% BDGT USED
Fund 636 - DATA PROCESSING FUND						
Revenues						
INT	INTEREST AND RENTS	78,700.00	0.00	0.00	78,700.00	0.00
OTHER	OTHER REVENUE	0.00	2.45	0.00	(2.45)	100.00
TOTAL REVENUES		78,700.00	2.45	0.00	78,697.55	0.00
Expenditures						
000		73,000.00	54,244.93	6,104.22	18,755.07	74.31
965	TRANSFERS OUT	0.00	0.00	0.00	0.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		73,000.00	54,244.93	6,104.22	18,755.07	74.31
TOTAL REVENUES						
TOTAL EXPENDITURES		78,700.00	2.45	0.00	78,697.55	0.00
NET OF REVENUES & EXPENDITURES		5,700.00	(54,242.48)	(6,104.22)	59,942.48	951.62

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
PERIOD ENDING 01/31/2018

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 01/31/2018	ACTIVITY FOR MONTH 01/31/2018	AVAILABLE BALANCE	% BDGT USED
Fund 661 - EQUIPMENT FUND						
Revenues						
CHARGES	CHARGES FOR SERVICES	160,050.00	111,909.93	23,618.52	48,140.07	69.92
INT	INTEREST AND RENTS	50.00	122.66	0.00	(72.66)	245.32
OTHER	OTHER REVENUE	0.00	396.58	0.00	(396.58)	100.00
TRANSIN	TRANSFERS IN	48,342.00	0.00	0.00	48,342.00	0.00
TOTAL REVENUES		208,442.00	112,429.17	23,618.52	96,012.83	53.94
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
895	FLEET MAINT. & REPLACEMENT	264,070.94	102,385.55	20,055.33	161,685.39	38.77
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		264,070.94	102,385.55	20,055.33	161,685.39	38.77
TOTAL REVENUES		208,442.00	112,429.17	23,618.52	96,012.83	53.94
TOTAL EXPENDITURES		264,070.94	102,385.55	20,055.33	161,685.39	38.77
NET OF REVENUES & EXPENDITURES		(55,628.94)	10,043.62	3,563.19	(65,672.56)	18.05

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 01/31/2018	ACTIVITY FOR MONTH 01/31/2018	AVAILABLE BALANCE	% BDC USED
Fund 711 - CEMETERY FUND						
Revenues						
CHARGES	CHARGES FOR SERVICES	0.00	3,250.00	1,000.00	(3,250.00)	100.00
INT	INTEREST AND RENTS	0.00	471.29	0.00	(471.29)	100.00
TOTAL REVENUES		0.00	3,721.29	1,000.00	(3,721.29)	100.00
Expenditures						
000		140,000.00	0.00	0.00	140,000.00	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		140,000.00	0.00	0.00	140,000.00	0.00
TOTAL REVENUES						
		0.00	3,721.29	1,000.00	(3,721.29)	100.00
TOTAL EXPENDITURES						
		140,000.00	0.00	0.00	140,000.00	0.00
NET OF REVENUES & EXPENDITURES						
		(140,000.00)	3,721.29	1,000.00	(143,721.29)	2.66

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2018

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 01/31/2018	ACTIVITY FOR MONTH 01/31/2018	AVAILABLE BALANCE	% BDGT USED
Fund 714 - LEE FUND						
Revenues						
INT	INTEREST AND RENTS	4,000.00	(210.16)	(881.94)	4,210.16	(5.25)
OTHER	OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		4,000.00	(210.16)	(881.94)	4,210.16	(5.25)
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	(210.16)	(881.94)	4,210.16	5.25
TOTAL EXPENDITURES		4,000.00	0.00	0.00	4,000.00	0.00
NET OF REVENUES & EXPENDITURES		0.00	(210.16)	(881.94)	210.16	100.00

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 01/31/2018	ACTIVITY FOR MONTH 01/31/2018	AVAILABLE BALANCE	% BDGT USED
Fund 715 - LOOK FUND						
Revenues						
INT	INTEREST AND RENTS	18,000.00	(20,080.14)	(3,465.50)	38,080.14	(111.56)
OTHER	OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		18,000.00	(20,080.14)	(3,465.50)	38,080.14	(111.56)
Expenditures						
000						
965	TRANSFERS OUT	18,000.00	5,500.00	1,500.00	12,500.00	30.56
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		18,000.00	5,500.00	1,500.00	12,500.00	30.56
TOTAL REVENUES						
		18,000.00	(20,080.14)	(3,465.50)	38,080.14	111.56
TOTAL EXPENDITURES		18,000.00	5,500.00	1,500.00	12,500.00	30.56
NET OF REVENUES & EXPENDITURES		0.00	(25,580.14)	(4,965.50)	25,580.14	100.00

PERIOD ENDING 01/31/2018

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 01/31/2018	ACTIVITY FOR MONTH 01/31/2018	AVAILABLE BALANCE	% BDC USED
Fund 716 - CARR FUND						
Revenues						
INT	INTEREST AND RENTS	0.00	25.44	0.00	(25.44)	100.00
OTHER	OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		0.00	25.44	0.00	(25.44)	100.00
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES						
			25.44	0.00	(25.44)	100.00
TOTAL EXPENDITURES			0.00	0.00	0.00	0.00
NET OF REVENUES & EXPENDITURES			25.44	0.00	(25.44)	100.00

REVENUE AND EXPENDITURE REPORT FOR CITY OF LOWELL
 PERIOD ENDING 01/31/2018

GL NUMBER	DESCRIPTION	2017-18 AMENDED BUDGET	YTD BALANCE 01/31/2018	ACTIVITY FOR MONTH 01/31/2018	AVAILABLE BALANCE	% BDGT USED
Fund 718 - CARR FUND II						
Revenues						
INT	INTEREST AND RENTS	0.00	89.09	0.00	(89.09)	100.00
OTHER	OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		0.00	89.09	0.00	(89.09)	100.00
Expenditures						
000		0.00	0.00	0.00	0.00	0.00
965	TRANSFERS OUT	0.00	0.00	0.00	0.00	0.00
999	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		0.00	89.09	0.00	(89.09)	100.00
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00
NET OF REVENUES & EXPENDITURES		0.00	89.09	0.00	(89.09)	100.00
TOTAL REVENUES - ALL FUNDS						
TOTAL EXPENDITURES - ALL FUNDS		7,726,847.52	4,719,484.24	853,431.97	3,007,363.28	61.08
NET OF REVENUES & EXPENDITURES		8,735,938.44	3,196,562.90	456,131.25	5,539,375.54	36.59
		(1,009,090.92)	1,522,921.34	397,300.72	(2,532,012.26)	150.92

Monthly Operating Report

for the . . .

Contract Operation

of the . . .



Wastewater Treatment Plant

January 2018





February 15, 2018

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

Dear Mr. Burns:

On behalf of Suez I am pleased to submit the January Monthly Operating Report for the Lowell Wastewater Treatment Plant. During the month 38.82 million gallons of wastewater were treated, up from 32.41 million gallons the month before.

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

INDUSTRIAL PRETREATMENT PROGRAM

The Fullers Septic December surcharges were \$29.20. The January report was not received in time to be included in this report. No operational problems were experienced at the plant from this discharge.

MAINTENANCE COST REPORT

Date	Vendor	Cost
1/7	Bernard's Ace Hardware (1)	\$ 60.01
Beginning Balance of the Annual Maintenance Allowance (Including carryover \$\$ from FY15-16)*		\$ 11,980.04
Maintenance Allowance Spent YTD		4,920.07
Balance of Maintenance Allowance		\$ 7,059.97

*The maintenance spending for FY 16-17 exceeded the annual allotment by \$19.96. That amount was deducted from the beginning balance on July 1st. That makes the beginning balance \$11,980.04 (\$12,000-\$19.96).

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

- Purchased tools, plumbing supplies, and misc. supplies (1)
- Performed the annual service and load bank testing done on plant generators.
- Performed service on plant truck.

PROJECTS FOR THE FUTURE

- Continue painting projects
- Annual inspections on plant hoists.
- Replacement of ph probe in the lab.

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 dark ink, appearing to read 'Mark Mundt', written in a cursive style.

Mark Mundt
Plant Manager

JANUARY EFFLUENT ANALYSIS OVERVIEW

The daily average for CBOD was 4.2 mg/l, 83% under the NPDES limit of 25 mg/l. The worst 7-day average was 5.2 mg/l, 87% under the NPDES limit of 40 mg/l.

The daily average for Suspended Solids was 5.1 mg/l, 83% under the NPDES limit is 30 mg/l. The worst 7-day average was 8.5 mg/l, 81% under the NPDES limit is 45 mg/l.

The monthly average for Phosphorus was 0.50 mg/l, the limit is 1.0 mg/l.

The average removal rate for BOD was 97%; a minimum of 85% is required. The average removal rate for Suspended Solids was 96%; a minimum of 85% is required.

The geometric average for fecal coliform bacteria was 105 colonies/100 mls, the limit is 200 colonies/100 mls. The worst 7-day average was 240 colonies/100 mls, the limit is 400 colonies/100 mls.

The highest chlorine residual was 0.037 mg/l; the limit is 0.038 mg/l. The monthly average was 0.015 mg/l.

Appendix A



Plant Influent Sheet

State of Michigan
Department of Environmental Quality

Lowell, Michigan

R4607 4/74
4833-6040

Plant No. 410049
Month January
Year 2018

Superintendent's Signature
Brian Vander Meulen, Supt

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

WEATHER		FLOW		RAW SEWAGE QUALITY											
D	Type Code	Precip Inches	Total MGD	Peak MGD	Temp F	pH SU	BOD mg/l	LBS	SS mg/l	LBS	Total-P mg/l	VSS mg/l	NH3-N mg/l	Mercury ng/l	D A Y PN SF
1	257	0.00	1.07	1.30											1
2	257	0.01	1.12	1.50	53	6.9	266	2485	296	2765		292			2
3	257	0.03	1.05	1.40	53	7.2	186	1598	152	1306	2.8	144	12.0		3
4	27	0.00	1.07	1.40											4
5	278	0.00	1.02	1.40	52	7.3	150	1276	118	1004		108			5
6	278	0.00	1.06	1.40											6
7	257	0.19	1.11	1.50											7
8	279	0.00	1.08	1.50	52	7.2	152	1369	100	901		84			8
9	279	0.00	1.06	1.40											9
10	2469	0.10	1.11	1.40	52	7.2	124	1148	94	870	2.3	74	10.7	34	10
11	2436	0.40	1.19	1.60											11
12	278	0.00	1.19	1.50	52	7.3	112	1112	94	933		82			12
13	27	0.00	1.29	1.60											13
14	257	0.04	1.36	1.60	52	7.2	119	1300	66	721		62			14
15	257	0.07	1.31	1.60											15
16	27	0.00	1.30	1.60	52	7.3	122	1302	122	1302	1.9	120	9.2		16
17	27	0.00	1.28	1.70											17
18	27	0.00	1.28	1.60	52	7.3	117	1181	112	1130		88			18
19	2689	0.00	1.21	1.60											19
20	26	0.00	1.25	1.60	51	7.6	126	1471	80	934		76			20
21	246	0.28	1.26	1.60											21
22	246	0.75	1.40	2.10	51	7.5	99	1181	92	1097	1.7	82	8.8		22
23	27	0.00	1.40	1.60	51	7.3	112	1317	90	1058		78			23
24	27	0.00	1.43	1.80											24
25	27	0.00	1.46	1.70	51	7.3	94	1129	52	624		50			25
26	268	0.00	1.41	1.70											26
27	268	0.00	1.27	3.20	51	7.1	94	1129	52	624		50			27
28	257	0.07	1.57	2.00											28
29	27	0.00	1.44	2.00	51	7.1	94	1129	52	624		50			29
30	27	0.00	1.39	1.70											30
31	27	0.00	1.40	1.80	51	7.2	188	2195	224	2615	2.3	188	8.5		31
TL	XXXX	1.94	38.82	XXXX	XXXX	XXXX	XXXX	44425	XXXX	38222	XXXX	XXXX	XXXX	XXXX	TL
ME	XXXX	XXXX	1.25	XXXX	52	7.3	141	1433	121	1233	2.2	109	9.8	XXXX	ME
MAX	XXXX	0.75	1.57	3.20	53	7.6	266	2485	296	2765	2.8	292	12.0	XXXX	MAX
MIN	XXXX	XXXX	1.02	1.30	51	6.9	94	1112	52	624	1.7	50	8.5	XXXX	MIN

Activated Sludge Sheet

Lowell, Michigan

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

Plant No.
410049

Month
January

Year
2018

Superintendent's Signature

Brian Vander Meulen, Supt.

AERATION SYSTEM					MIXED LIQUOR					SECONDARY SLUDGE				Process Modification see code 80889	REMARKS	
D A Y P N S F	Aeration Volume KCF 80993	Detention Time Hours 81001	Sludge Age Days 80990	Organic Loading F/M 80992	MLSS mg/l 70323	MLVSS mg/l 70324	Settle. % 81004	SDI % 81007	DO mg/l 00300	SVI % 8100	SS % 81006	VSS % 70325	Waste Kgal 80991			
1	96	16.1											0.0	4	1	D
2		15.4	5.1	0.22	2347	1862	23	1.02	4.2	98	0.43	0.34	79.6		2	A
3		16.7	10.3	0.15	2253	1786	18	1.25	5.1	80	0.29	0.23	26.2		3	Y
4		16.1											29.6		4	P
5		16.9	13.6	0.12	2288	1822	19	1.20	5.4	83	0.29	0.23	24.9		5	N
6		16.3											0.0		6	S
7		15.5											0.0		7	F
8		16.0	16.1	0.12	2423	1935	25	0.97	3.7	103	0.31	0.25	23.9		8	
9		16.3											0.0		9	
10		13.5	16.7	0.10	2426	1932	25	0.97	3.4	103	0.41	0.33	0.0		10	
11		14.5											0.0		11	
12		14.5	18.1	0.08	2827	2256	28	1.01	3.0	99	0.48	0.38	27.2		12	
13		13.4											0.0		13	
14		12.7											0.0		14	
15		13.2	23.9	0.10	2872	2266	30	0.96	4.1	104	0.52	0.41	102.9		15	
16		13.3											27.5		16	
17		13.5	10.3	0.12	2230	1793	22	1.01	5.0	99	0.42	0.33	0.0		17	
18		13.5											111.3		18	
19		14.2	10.2	0.13	1930	1504	20	0.97	4.5	104	0.34	0.26	28.3		19	
20		13.8											0.0		20	
21		13.7											0.0		21	
22		12.3	14.9	0.13	2325	1852	22	1.06	4.0	95	0.26	0.21	109.4		22	
23		12.3											30.0		23	
24		12.1	9.9	0.14	1817	1455	19	0.96	6.3	105	0.34	0.27	0.0		24	
25		11.8											0.0		25	
26		12.2	12.2	0.13	2152	1708	21	1.02	5.0	98	0.43	0.34	255.5		26	
27		13.6											0.0		27	
28		11.0											0.0		28	
29		12.0	22.7	0.10	2369	1884	24	0.99	4.3	101	0.52	0.42	111.4		29	
30		12.4											28.7		30	
31		12.3	4.2	0.25	1851	1454	18	1.03	5.2	97	0.29	0.23	0.0		31	
TL	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	1016.4	XXXX	TL	
ME	96	14.0	13.4	0.13	2294	1822	22	1.03	4.5	98	0.38	0.30	32.8	XXXX	ME	
MAX	XXXX	16.9	23.9	0.25	2872	2266	30	1.25	6.3	105	0.52	0.42	255.5	XXXX	MAX	
MIN	XXXX	11.0	4.2	0.08	1817	1454	18	0.96	3.0	80	0.26	0.21	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

R 4610 4/74
4833-5468

Superintendent's Signature
Brian Vander Meulen, Supt.

Plant No. 410049
Month January
Year 2018
Sampling Point Code 001

D A Y PN SF	CBOD mg/l 80082	LBS. 85001	% Rem 80091	SS mg/l 00530	LBS. 85002	% Rem 81011	Total - P mg/l 00665	LBS. 85004	% Rem 81012	VSS mg/l 00535	pH	DO mg/l 00300	F.Coli #/100ml 31616	NH3 mg/l 00610	Cl2 mg/l 50060	Mercury ng/l 71900
1	5.5	51	98	9.2	86	97	0.64	5.50	77	8.4	7.4	11.2	46		0.016	
2	5.4	46	97	8.0	69	95				6.8	7.6	11.0	77	0.20	0.007	
3																
4	4.6	39	97	8.4	71	93				6.0	7.4	11.3	53		0.037	
5																
6																
7																
8	4.9	44	97	6.2	56	94				4.2	7.5	10.8	115		0.004	0.92
9																
10	3.8	35	97	5.0	46	95	0.64	5.92	72	4.0	7.3	10.9	240	0.12	0.001	
11																
12	3.8	38	97	5.6	56	94				4.2	7.3	10.8	240		0.001	
13																
14																
15	3.9	43	97	3.4	37	95				2.8	7.2	11.4	240		0.012	
16																
17	4.2	45	97	4.0	43	97	0.42	4.48	78	3.8	7.5	11.3	55	0.10	0.021	
18																
19	3.9	39	97	6.8	69	94				3.2	7.4	11.1	240		0.020	
20																
21																
22	4.3	50	97	3.4	40	96				2.6	7.3	11.1	104		0.010	
23																
24	4.0	48	96	1.2	14	99	0.31	3.70	82	0.8	7.6	11.7	109	0.06	0.034	
25																
26	3.1	36	97	2.6	31	97				2.4	7.4	10.8	58		0.025	
27																
28																
29	4.3	52	95	3.6	43	93				3.4	7.4	11.2	48		0.019	
30																
31	3.3	39	98	4.4	51	98	0.50	5.84	78	2.8	7.4	11.4	156	0.06	0.001	
TL	XXXX	1340	XXXX	XXXX	1575	XXXX	XXXX	157.7	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
ME	4.2	43	97	5.1	51	96	0.50	5.09	77	4.0	7.4	11.1	105	0.11	0.015	XXXX
WA	5.2	46	96	8.5	75	94	XXXX	XXXX	XXXX	7.1	7.5	10.8	240	0.20	0.026	XXXX
MAX	5.5	52	98	9.2	86	99	0.64	5.92	82	8.4	7.6	11.7	240	0.20	0.037	XXXX
MIN	3.1	35	95	1.2	14	93	0.31	3.70	72	0.8	7.2	10.8	46	0.06	0.001	XXXX

Remarks: Fecal Coli for January 10, 12, 15, 19, are actually "Greater Than"
Cl2 Residuals for January 10, 12, 31, are actually "Less Than"

Miscellaneous Sheet

R 4607 4/74
4833-6040

State of Michigan
Department of Environmental Quality

Lowell, Michigan

Plant No. 410049 Month January Year 2018

Superintendent's Signature

Brian Vander Meulen, Supt.

D A Y P N S	Grit	Aux Fuel		Power Consumption	Chemicals Applied		
		Nat. Gas	CF		CL2 LBS	FeCL2 GAL	
1	1	36	2	3	7	30	
2	1	39		1.8	9	30	
3	1	41		1.6	10	25	
4	1	28		1.6	8	30	
5	1	32		1.6	7	30	
6	1	27		1.6	7	25	
7	1	28		1.6	7	30	
8	1	26		1.6	4	30	
9	1	20		1.4	8	25	
10	1	17		1.6	6	30	
11	1	12		1.6	8	25	
12	1	19		1.4	10	30	
13	1	21		1.6	10	30	
14	1	27		1.6	8	25	
15	1	34		1.8	9	30	
16	1	32		1.8	12	25	
17	1	28		1.6	10	30	
18	1	31		1.8	11	30	
19	1	13		1.4	10	25	
20	1	10		1.6	10	30	
21	1	13		1.6	11	25	
22	1	21		1.8	10	30	
23	1	20		1.6	11	25	
24	1	22		1.6	14	30	
25	1	20		1.6	13	25	
26	1	12		1.6	10	30	
27	1	7		1.4	10	25	
28	1	13		1.8	10	30	
29	1	26		1.8	10	30	
30	1	22		1.6	10	25	
31	1	23		1.6	10	30	
TOTAL	31	720		50.4	290	870	0
MEAN	1	23		1.6	9	28	0
MAX	1	41		1.8	14	30	0
MIN	1	7		1.4	4	25	0

Manpower						
Position Title	Full Time	Part Time	Total Hours	No. of Vac.	No. of Separations	No. of New Hires
Superintendent	1	0	184	0	0	0
Shift Operator	1	1	204	0	0	0
Total	2	1	388	0	0	0
Weekday Hrs.	9					
Saturday Hrs.	4					
Sunday Hrs.	4					
Holiday Hrs.	4					

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

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

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

MI0020311	001 A
PERMIT NUMBER	DISCHARGE NUMBER

MINOR
 (SUBR GG)
 F-FINAL
 001 MUN.WASTEHD20--FLAT RIVER

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

MONITORING PERIOD			
YEAR	MO	DAY	
FROM 2018	1	01	
TO 2018	1	31	

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

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	PERMIT	1.25	1.57	(03)	*****	*****	*****	-	7/7	RECORD FLOW
50050 1 0 0	REQUIREMENT	REPORT MONTHLY AVG	REPORT DAILY MAX		*****	*****	*****		WEEKDAYS	RECORD FLOW
EFFLUENT GROSS VALUE	SAMPLE	51	75	MGD	*****	*****	(19)	0	3/7	24 HR COMP
SOLIDS, TOTAL SUSPENDED	PERMIT	360	530	lbs/day	*****	*****	30 MONTHLY AVG		WEEKDAYS	24 HR COMP
00530 B 0 0	REQUIREMENT	MONTHLY AVG	7 DAY AVG		*****	*****	4.2	0	3/7	24 HR COMP
PRIOR TO DISINFECT	SAMPLE	43	46	(26)	*****	*****	25 MONTHLY AVG		WEEKDAYS	24 HR COMP
BOD, CARBONACEOUS	PERMIT	300	470	lbs/day	*****	*****	0.20	0	1/7	24 HR COMP
05 DAY, 20C	REQUIREMENT	MONTHLY AVG	7 DAY AVG		*****	*****	REPORT DAILY MAX		WEEKLY	24 HR COMP
80082 B 0 0	SAMPLE	*****	*****	*****	*****	*****	0.64	0	1/7	24 HR COMP
PRIOR TO DISINFECT	PERMIT	*****	*****	*****	*****	*****	1.0 MONTHLY AVG		WEEKLY	24 HR COMP
NITROGEN, AMMONIA	REQUIREMENT	MONTHLY AVG	DAILY MAX		*****	*****	0.037	0	3/7	GRAB
TOTAL (AS N)	SAMPLE	*****	*****	*****	*****	*****	0.038 DAILY MAX		WEEKDAYS	GRAB
00610 B 1 0	PERMIT	*****	*****	*****	*****	*****	0.92	0	1/90	GRAB
PRIOR TO DISINFECT	REQUIREMENT	MONTHLY AVG	DAILY MAX		*****	*****	Report Max Monthly Avg		QUARTERLY	GRAB
PHOSPHORUS, TOTAL	SAMPLE	5.1	5.92	(26)	*****	*****	Report		QUARTERLY	GRAB
(AS P)	MEASUREMENT	*****	*****	*****	*****	*****	*****		QUARTERLY	GRAB
00665 B 0 0	PERMIT	12	REPORT	lbs/day	*****	*****	*****		QUARTERLY	GRAB
PRIOR TO DISINFECT	REQUIREMENT	MONTHLY AVG	DAILY MAX		*****	*****	*****		QUARTERLY	GRAB
CHLORINE, TOTAL	SAMPLE	*****	*****	*****	*****	*****	*****		QUARTERLY	GRAB
RESIDUAL	MEASUREMENT	*****	*****	*****	*****	*****	*****		QUARTERLY	GRAB
50060 P 0 0	PERMIT	*****	*****	*****	*****	*****	*****		QUARTERLY	GRAB
SEE COMMENTS BELOW	REQUIREMENT	MONTHLY AVG	DAILY MAX		*****	*****	*****		QUARTERLY	GRAB
MERCURY, TOTAL	SAMPLE	*****	0.000008	*****	*****	*****	*****		QUARTERLY	GRAB
71900 B 0 0	PERMIT	*****	*****	*****	*****	*****	*****		QUARTERLY	GRAB
PRIOR TO DISINFECT	REQUIREMENT	MONTHLY AVG	DAILY MAX		*****	*****	*****		QUARTERLY	GRAB

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.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	PHONE NUMBER	DATE
BRIAN VANDER MEULEN, SUPT.	(616) 897-8135	2018 2 10
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE

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

FACILITY: LOWELL WWTP

LOCATION: LOWELL MI 49331

ATTN: BRIAN VANDER MEULEN

MI0020311	001 A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 2018	1	01	TO 2018	1	31

*** NO DISCHARGE ☐ ***

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
MERCURY, TOTAL	PERMIT	*****	0.000024		*****	1.29		0	1/90	CALCTD
71900 X 0 0	PERMIT	*****	0.000036		*****	3.0			QUARTERLY	CALCTD
PRIOR TO DISINFECT	REQUIREMENT	*****	12-Mo Rolling Avg	lbs/day	*****	12-Mo Rolling Avg	ng/L			
COLIFORM, FECAL	SAMPLE	*****	*****		*****	240	(19)	0	3/7	GRAB
GENERAL	PERMIT	*****	*****	*****	*****	400			DAILY	GRAB
74055 P 0 0	PERMIT	*****	*****	*****	*****	7 DAY AVG	mg/L	0	1/30	CALCTD
SEE COMMENTS BELOW	REQUIREMENT	*****	*****	*****	*****	95	(23)		ONCE/MON	CALCTD
BOD, 5-DAY PERCENT	SAMPLE	*****	*****		*****	Minimum Daily % Removal	PER-CENT	0	1/30	CALCTD
REMOVAL	MEASUREMENT	*****	*****	*****	*****	93	(23)		ONCE/MON	CALCTD
81010 K 0 0	PERMIT	*****	*****	*****	*****	Minimum Daily % Removal	PER-CENT	0	1/30	CALCTD
PERCENT REMOVAL	REQUIREMENT	*****	*****	*****	*****	7.6	(12)	0	3/7	GRAB
SOLIDS, SUSPENDED	SAMPLE	*****	*****	*****	*****	9.0	S.U.		WEEKDAYS	GRAB
PERCENT REMOVAL	MEASUREMENT	*****	*****	*****	*****	DAILY MAX	(19)	0	3/7	GRAB
81011 K 0 0	PERMIT	*****	*****	*****	*****	*****	mg/L		WEEKDAYS	GRAB
PERCENT REMOVAL	REQUIREMENT	*****	*****	*****	*****	*****				
pH	SAMPLE	*****	*****	*****	*****	*****				
00400 P 0 0	PERMIT	*****	*****	*****	*****	*****				
SEE COMMENTS BELOW	REQUIREMENT	*****	*****	*****	*****	*****				
OXYGEN, DISSOLVED	SAMPLE	*****	*****	*****	*****	*****				
(DO)	MEASUREMENT	*****	*****	*****	*****	*****				
00300 P 0 0	PERMIT	*****	*****	*****	*****	*****				
SEE COMMENTS BELOW	REQUIREMENT	*****	*****	*****	*****	*****				
	SAMPLE	*****	*****	*****	*****	*****				
	MEASUREMENT	*****	*****	*****	*****	*****				
	REQUIREMENT	*****	*****	*****	*****	*****				

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.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	PHONE NUMBER		DATE	
BRIAN VANDER MEULEN, SUPT.	(616) 897-8135	2018	2	10
TYPED OR PRINTED	AREA CODE	NUMBER	YEAR	MO

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

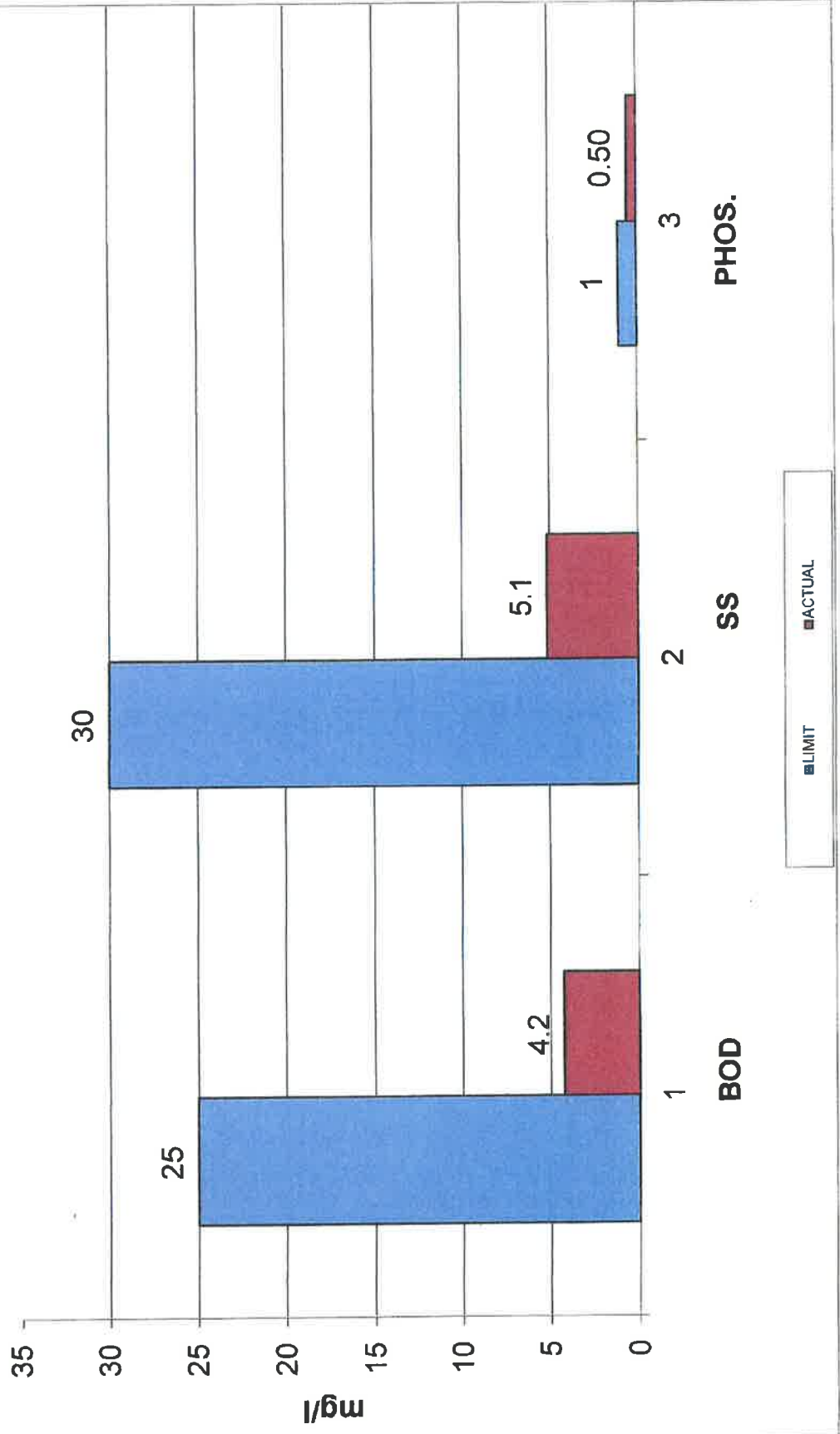
P=AFter DISINFECTION

EPA Form 3320-1 (Rev 3/99) Previous editions may be used.

Appendix B



EFFLUENT LIMIT vs ACTUAL



DESIGN FLOW vs ACTUAL FLOW



