



CITY OF LOWELL, MASSACHUSETTS
—
BOARD OF HEALTH

AGENDA: Board of Health SEPTEMBER 2, 2020 at 6:00 P.M. in the Mayor's Reception Room, 375 Merrimack St., 2nd floor, Lowell, MA 01852.

AUGUST 27, 2020

Michael Geary, City Clerk 375 Merrimack Street Lowell, Massachusetts 01852

Dear Mr. Geary: In accordance with Chapter 303 of the Acts of 1975 you are hereby notified that a meeting of the Lowell Board of Health will be held on Wednesday, SEPTEMBER 2 @ 6:00 P.M. As allowed by the Revised Open Meeting Law to meet the social distancing requirements contained in Governor Charles Baker's Executive Order Relative to the COVID-19 outbreak, this meeting will be conducted by conference call.

AGENDA:

1. New Business

1.I. Conference Call Log-In Information

Documents:

[ZOOM MEETING INFORMATION.PDF](#)

1.II. For Acceptance: Minutes Of The August 5, 2020 Meeting Of The Board Of Health

Motion: To accept the minutes of the August 5, 2020 meeting of the Board of Health

Documents:

[BOH MINUTES - DRAFT 6.3.2020.PDF](#)

1.III. Discussion: Update From The School Department Regarding The Opening Of Lowell Schools
School Department Representative to speak to the Board regarding the on-going efforts to reopen the schools.

1.IV. Update: Status Summary Of 2019 Freshman Academy Air Quality Report And MSBA Projects
DPW Commissioner Christine Clancy will update the Board regarding the 2019 Air Quality Report at the Freshman Academy and the MSBA boiler and roof replacement projects.

Documents:

STATUS SUMMARY OF FRESHMAN ACADEMY 2019 INDOOR AIR QUALITY
REPORT AND MSBA BOILER AND ROOF REPLACEMENT PROJECTS 8.27.20.PDF

- 1.V. Presentation: Central Massachusetts Mosquito Control Program
Overview of Programs offered by the CMMCP.

Documents:

[CMMCP PRESENTATION - LOWELL INFO PACKET.PDF](#)

- 1.VI. For Review: Tobacco Control Monthly Report Submitted By Cesar Pungirum, Program Director

Documents:

[TOBACCO CONTROL REPORT_AUG2020.PDF](#)

- 1.VII. For Review: Monthly Development Services Report Submitted By Senior Sanitary Code Inspector
Shawn Machado

Documents:

[DEVELOPMENT SERVICES - FOOD INSPECTIONS REPORT MEETING 9-2-2020.PDF](#)
[DEVELOPMENT SERVICES - NEW ESTABLISHMENT REPORT - MEETING 9-2-20.PDF](#)
[DEVELOPMENT SERVICES - FAILED FOOD ESTABLISHMENT REPORT MEETING 9-2-2020.PDF](#)
[DEVELOPMENT SERVICES - BODY ART INSPECTIONS AUGUST 2020.PDF](#)

- 1.VIII. For Review: Trinity EMS, Inc. Reports And Notifications Submitted By Jon Kelley
Monthly Report and Notification of change - Medical Director

Documents:

[TRINITY EMS INC - LOWELL OVERDOSE REPORT JULY 2020 \(1\).PDF](#)
[TRINITY EMS - NEW MEDICAL DIRECTOR.PDF](#)

- 1.IX. Body Art Practitioner - New
Brendan Morgan - 25 Clark Ave Laconia NH 03246 Lowell Ink 161 Worthen St.

Documents:

[BODY ART PRACTITIONER CHECK LIST - B MORGAN.PDF](#)

- 1.X. For Discussion: Resuming In-Person Meetings Of The Board Of Health
Discussion regarding the Board resuming in-person meetings.

- 1.XI. Communications

Documents:

[COMMUNICATION- CERTUSE ADJUSTMENT INC NOTICE OF LOSS.PDF](#)

2. Old Business

- 2.I. Update: COVID-19

Documents:

COVID TESTING INFORMATION.PDF
COVID-19 TRAVEL POLICY_CITY OF LOWELL_8.10.20.PDF
8.20.20 PRESS RELEASE REGARDING EXTENSION OF NO COST COVID TESTING IN
LOWELL.PDF

3. Director's Report

3.I. Departmental And Divisional Reports

Documents:

SUBSTANCE ABUSE AND PREVENTION DIVISION 09-02-2020 BOH REPORT.PDF

4. Motion: To Adjourn

Topic: Board of Health Meeting September 2, 2020

Time: Sep 2, 2020 05:50 PM Eastern Time (US and Canada)

Join Zoom Meeting

<https://lowellma.zoom.us/j/4319762851?pwd=Z3duVWlvbmw2YWxrcU91Uk9LdndDQT09>

Meeting ID: 431 976 2851

Passcode: 09022020

Dial by your location

+1 646 558 8656 US (New York)

+1 301 715 8592 US (Germantown)

833 548 0282 US Toll-free

877 853 5247 US Toll-free

Meeting ID: 431 976 2851

Passcode: 09022020 (if needed)



CITY OF LOWELL, MASSACHUSETTS
BOARD OF HEALTH

August 5, 2020

A meeting of the Lowell Board of Health was held on Wednesday, June 3, 2020 by conference call. Chairperson Jo-Ann Keegan called the meeting to order at 6:07 P.M.

Phone-In Participants:

Jo-Ann Keegan, Chairperson
Lisa Golden, Board Member
William Galvin, Board Member
Joanne Belanger, Director of HHS
Shawn Machado, Sr. Sanitary Code Inspector
Jon Kelley, Trinity EMS, Inc.
Kurt Brigham, Trinity EMS, Inc.

The meeting of the City of Lowell Board of Health was called to order at 6:07 PM by Chairperson Jo-Ann Keegan.

8/5/2020 – Minutes

1. NEW BUSINESS

1.I. Conference Call Log-In Information

1.II. For Acceptance: Minutes of the June 3, 2020 Meeting of the Board of Health
Chairwoman Jo-Ann Keegan noted 2 corrections for the minutes - page one - correct Chairperson to Jo-Ann Keegan and on page 3 correct date of the next meeting to August 5, 2020.

Motion: To accept the minutes with the noted corrections made by William Galvin, seconded by Lisa Golden. All in favor.

1.III. For Review: Tobacco Control Monthly Report submitted by Cesar Pungirum, Program Director
Chairwoman Keegan noted that the common violation appears to be selling vape products without certification letters. Health & Human Services Director Joanne Belanger informed the Board that the certification letters are forms from the manufacturers stating the product is not above acceptable nicotine levels.
The Board had no further questions.

1.IV. For Review: Monthly Development Services Report submitted by Senior Sanitary Code Inspector Shawn Machado

Senior Sanitary Code Inspector Shawn Machado reviewed the reports with the Board. Chairwoman Keegan noted the effort of the inspectors with getting all the inspections completed. Mr. Machado explained the shift between property and restaurant inspections allowing for more time. There has been a lag in the updating of ansul systems, fire extinguishers, and required food certificates due to the COVID shutdown but that should be improving. Board Member William Galvin inquired if the ServSafe classes were delayed because of the COVID shut down. Mr. Machado felt that was the case as well with the fire extinguisher/ansul system inspections. Additionally, Development Services has received 43 complaints for COVID reopening violations. Three establishments have been issued fines due to multiple warnings.

It was noted the date on the Body Art Inspection Report should be July 2020 not March 2020. No further questions/comments.

1.V. For Review: Trinity EMS, Inc. Reports Submitted By Jon Kelley
Jon Kelley from Trinity EMS Inc. reviewed the reports with the Board. Member Galvin noted that on page 6 the "Within Standard 7:59>" number was going down and asked for the reason for the decline. Mr. Kelley will look at the 2019 information as it may be an error.

Mr. Kelley verbally informed the Board that Trinity EMS, Inc. has a new Medical Director who will be introduced to the Board at a future meeting.

HHS Director Belanger informed the Board that Trinity EMS has also been assisting with the Stop-the-Spread testing sites and that the events would have been impossible without their help. Ms. Belanger noted that the Partnership with Trinity is invaluable.

1.VI. Body Art Practitioner License - New

Motion: To approve the Body Art Practitioner License for Katherine "Kat" Ventura made by Lisa Golden, seconded by William Galvin. All in favor.

1.VII. Communication: Central Massachusetts Mosquito Control Program

The Board accepted and placed on file. HHS Director Belanger will speak with CMMCP about updating the Board regarding on-going programs/projects.

1.VIII. For Review: Five-Year Vegetation Management Plan 2020-2024

The Board accepted and placed on file.

1.IX. Informational: Lowell Regional Water Utility

The Board accepted and placed on file. Reverse flow requirements were noted.

2. OLD BUSINESS

2.I. Update: COVID-19

The Board reviewed the documents from the packet. Chairwoman Jo-Ann Keegan noted that the School Nursing staff should be involved with any back to school discussions. HHS Director Belanger updated the Board on the back to school discussions as well as other COVID-19 related issues. Ms. Belanger noted that Nurse Coordinator Mary Beth Moffett is representing the school nursing staff and Public Health Nurse Carol Moriarty is representing the Health Department nurses during these discussions. Ms. Moffett discussed the school nursing needs required by DESE with the working group. These include PPE, isolation rooms, a person to monitor ill children, etc. The School Dept. will provide plexi-glass dividers and N-95 masks to the staff. There is no current final plan and no firm date of the start of school as of this time. The vacant School Nurse positions were discussed.

Motion: To have someone from the School Superintendent's Office address the Board about the plans are for the opening of school made by Lisa Golden, seconded by William Galvin. All in favor.

Further discussion occurred on the purchase of air purifiers for classrooms and the possible moving of school nursing offices occurred. Member Galvin noted that he would like an update on the replacement of the school furnaces.

Director Belanger spoke to the Board regarding ongoing efforts for contact tracing and outreach and informed the Board that Lowell had been picked by the State for one of the Stop-the-Spread testing sites which allows for mobile testing sites for 5 weeks. Predominately Lowell residents have been tested and out of 1,000 tests there were only about 20 positive results. The State Travel Order that begins on August 1, 2020 was also discussed.

3. DIRECTOR'S REPORT

3.I. Departmental and Divisional Reports and Updates

HHS Director Belanger spoke to the Board regarding the closure of Rynne Beach due to high bacteria counts. It was noted that there are no lifeguards at the beach this summer and that information is posted at the beach. PH Nurse Moriarty is attempting to get more information relative to the possible closure of nursing homes due to the

loss of MassHealth privileges. Ms. Belanger also informed the Board that she working with the UMass/Lowell Administration on their reopening of the University and how students with positive COVID test results will be handled.

Director Belanger also informed the Board the move of the Health Department to Merrimack St. is continuing to move forward.

Board Member Lisa Golden noted the Syringe Collection Program's annual number and that Syringe Collection Program Coordinator Andres Gonzalez is doing a great job. Chairwoman Keegan noted Board Member John Donovan's years of service and dedication to the Board of Health and how much the Board enjoyed having him as part of the team. She then asked if there was an update on the Board of Health Member position. Director Belanger noted that a few resumes have been received and are being reviewed.

4. Motion: To Adjourn

Motion: To adjourn made at 7:32 PM by William Galvin, seconded by Lisa Golden. All in favor.

DRAFT



Christine Clancy, P.E.
DPW Commissioner

TO: JoAnn Belanger, Board of Health Chairperson and Members of the Board of Health

FROM: Christine Clancy, P.E., DPW Commissioner

DATE: August 27, 2020

RE: Status summary of Freshman Academy 2019 Indoor Air Quality Report and MSBA Boiler and Roof Replacement Projects.

An indoor air quality assessment report was completed in December 2019 of the Freshman Academy as a follow up to an assessment completed in 2017.

The completed indoor air testing included testing of carbon dioxide levels, temperature, relative humidity, carbon monoxide, and fine particulate matter (PM_{2.5}). The air quality results showed improvements from the 2017 results yet still exceedances in the carbon dioxide levels. Carbon dioxide levels that exceed the MDPH guidelines of 800 parts per million (ppm) typically indicate lack of air exchange or ventilation. DPW, the Health Department, and The School Department conducted a site visit of the Freshman Academy in February 2020 to review the report findings and develop a response plan. In the midst of developing a response plan, the COVID-19 pandemic occurred.

With the onset of COVID-19 and the heightened concern of ventilation in any indoor environment, the City has prioritized efforts to optimize ventilation across all 30 school buildings, including the Freshman Academy. The City's efforts being completed as part of the COVID related school reopening procedures, and as recommended by the Massachusetts Department of Elementary and Secondary Education (DESE), will address concerns raised in the indoor air quality assessment completed at the Freshman Academy. The following measures are in progress or have been completed at the Freshman Academy:

- 1. Maintenance and Repairs of HVAC System.** The DPW Lands & Buildings Department, working with other departments, are evaluating each building's HVAC system to optimize each HVAC system. 14 exhaust fans that exist on the roof of the Freshman Academy were recently repaired so that all exhaust fans are operational. The City has completed an assessment of exhaust fans across all 30 schools. During the evaluation, approximately 50% were found to be functioning. DPW Lands & Building staff is prioritizing these repairs and working on overtime as needed to make all exhaust fans fully functional at all 30 school buildings. Other necessary preventative maintenance and repairs will be made on the Freshman Academy's HVAC system prior to school reopening.



Christine Clancy, P.E.
DPW Commissioner

- 2. 3rd Party HVAC Assessment:** Following DESE's reopening guidelines, the City of Lowell has contracted with an HVAC consultant to complete a 3rd party HVAC assessment of the City Schools. Garcia, Galuska, and DeSousa Consulting Engineers, who is also on the Lowell High School Project team is finalizing their HVAC assessment for the upcoming school building reopening, which will include recommendations for the Freshman Academy building. The City anticipates receiving a final report in the first week in September.

Per DESE's recommended guidelines, the HVAC assessment will provide recommendations to optimize each building's existing HVAC system. Optimization considerations include upgrading filters where feasible in ventilations systems; utilizing classrooms with only windows; providing repairs, maintenance, and cleaning of supply, exhaust, and return air systems; and supplementing classrooms spaces with HEPA air purifiers to simulate the functions of a MERV 13 filter.

- 3. Air Purifiers:** The City has started to receive an order of 1000 (high efficiency particulate air/absorbing) HEPA air purifiers recently purchased by the City. These air purifiers will be utilized in each classroom and other spaces within the school systems. This purchase cost the City \$400,000. These are critical to filter and clean the air in our schools as it simulates a MERV 13 filter, which is a filter that collects any particles of up to 0.3 microns in size, allowing cleaned air to pass through the filter. These particles include dust, allergens, pollen, dander, odors, mold, and bacteria.
- 4. Windows:** Approximately 80% of all windows in the Freshman Academy are operational. While a minimum of one window will be operational in each classroom, DPW is attempting to make more than one or all windows in a classroom operational as feasible. This work will be completed over the next couple of weeks.
- 5. Building Flushout:** Per DESE' recommended guidelines, DPW will be completing a building flushout 7 days prior to school reopening. This includes operating HVAC systems 24/7 at 100% outdoor airflow. DESE also recommends operating HVAC systems 2 hours before and after each school day. This will be coordinated between DPW and the School Department. The initial building flushout and the daily additional outdoor airflow being brought into the building will improve ventilation, which should also equate to a decrease in carbon dioxide levels that were noted in the December 2019 report.

The Board of Health has also asked for an update on the ongoing MSBA roof and boiler replacement projects. The ongoing roof and boiler MSBA projects are being coordinated with the school reopening efforts. Boilers are being replaced at Bailey, Daley, Greenhalge, McAuliffe,



Christine Clancy, P.E.
DPW Commissioner

Rogers/STEM, and Sullivan Schools, and roofs are being replaced at Bailey and Sullivan Schools. These projects are part of the MSBA's 2019 Accelerated Repair Program (ARP), representing an estimated \$13.6 million worth of work. The MSBA will fund approximately 80% of this work, with the City funding the remaining 20%. The projects are all on track to be completed by mid-October. Any work that remains to be completed once the schools are occupied will be done when students are not present in the buildings. Below are some progress photos of the Boilers that are being installed:



(Left) New Bailey School Boilers; (Right) New Daley School Boilers

DPW and the School Department are coordinating on a daily basis and working extended hours to ensure that the schools can safely reopen with optimized ventilation in all schools and including in the Freshman Academy. While the efforts dedicated to the school reopening preparations were originally intended to address the ongoing COVID pandemic, these measures will also address the concerns raised in the December 2019 Freshman Academy Indoor Air Quality Report.

Thank you.



City of Lowell Department of Public Works
1365 Middlesex Street • Lowell, MA 01852
P: 978.674.4111 • F: 978.970.4071
www.LowellMA.gov

Christine Clancy, P.E.
DPW Commissioner

CC: Eileen Donoghue, City Manager
Kara Keefe Mullin, Assistant City Manager
Alex Magee, Assistant to the City Manager, Interim Director of Finance and
Administration (DPW)

2020 MOSQUITO CONTROL SUMMARY – CITY OF LOWELL

The Central Mass. Mosquito Control Project (CMMCP) offers a comprehensive program of mosquito control in 44 communities in both Middlesex and Worcester counties. Our goal is to reduce mosquito exposure to the public, and the potential for disease transmission by mosquitoes, by utilizing proven, sound mosquito control techniques. Following is an explanation of our services and a summary of activity to date in Lowell:

PUBLIC EDUCATION: Letters were mailed to the Superintendent of Lowell Public schools to inform them about our educational program available to students K-8. We also reached out to the Lowell Senior center to schedule an educational presentation for senior citizens. Due to restrictions from COVID-19 our educational programs were not made available in person.

LARVAL CONTROL: Mid-March marks the beginning of our larval treatment program in area wetlands. We use a species-specific bacterium called *Bacillus thuringiensis var. israelensis* for control of mosquito larvae. In mid-May catch basin (storm drains) treatments began using a mosquito growth regulator called methoprene to reduce emergence of mosquitoes that have potential to carry WNV. Basin treatments continued throughout the summer and have totaled 1,594 basins treated to date in all areas of the city.

SURVEILLANCE: 21 surveillance sites around the city were chosen to set up our mosquito traps and are checked on a rotational basis weekly. Surveillance traps are specially designed to catch adult mosquito species of concern for mosquito-borne diseases. In all, 61 collections consisting of 302 individual mosquitoes were captured and identified to species at our lab, and of those, 13 collections consisting of 244 specimens were tested for WNV and Eastern Equine Encephalitis (EEE). 0 collections have been confirmed to be infected with WNV or EEE. 10 different species in all were identified by our lab personnel. One species of concern, the Asian Tiger Mosquito (*Ae. albopictus*), was not found despite surveys for this invasive mosquito species.

ADULTICIDING: 176 service requests for spraying were received by our office from city residents to reduce the mosquito population in their area. The pesticide we use is called *etofenprox*, and is classified as a reduced-risk pesticide by the EPA. It's a non-residual synthetic pyrethroid that dissipates very quickly in the environment. We utilize ultra-low volume (ULV) spraying where the pesticide is broken up into very small droplets (20µ) and impacts the mosquito when they are actively flying looking for a bloodmeal. This is different than most commercial applications where residual products are applied to foliage for extended treatment periods. Our spraying is done after sunset and ends about midnight to reach the mosquito during their most active period and for the protection of pollinators and other beneficial insects. When WNV or EEE is confirmed in mosquito samples, standard protocol is to determine the appropriate response with coordination with local health officials. Spraying reduces the number of mosquitoes in an area, reducing the risk from mosquito-borne disease.

SOURCE REDUCTION: This program consists of collecting and transporting for recycling used tires. Used tire casings left out in the environment and allowed to hold water provide suitable areas for larval mosquito development, including those species known to carry West Nile virus such as *Oc. j. japonicus* and *Culex pipiens*. During the course of one season, the potential exists for hundreds or even thousands of mosquitoes to emerge from just one tire. If tires infested with mosquito eggs, larvae or pupae are transported, the potential to introduce mosquito species into new areas and/or the potential for the spread of arboviruses and their transmission may increase significantly. Residents can make individual requests to our office for pickup, and we have also coordinated in other member communities for hazardous waste collections and other community-wide events. **We are lacking in this program in Lowell, if the Health Department or Dept. of Public Works can assist we would be happy to collaborate.**

DITCH MAINTENANCE: Mosquito larvae can only develop in still, stagnant water. We have a specialized ditch maintenance program that restores historic flow patterns in area drainage systems. To date we have cleaned 3,760 feet of ditches to permit the free flow of water and reduce larval mosquito habitat.

RESEARCH & EFFICACY: This program is to check for the efficacy of our products and techniques, and perform research in new or advanced control methods. While CMMCP is an agency charged with the control of mosquitoes, we strive to check for efficacy of our products and techniques, and whenever possible perform research in new or different areas of mosquito control.

I hope this serves as a guide to our services available and work performed to date in the city of Lowell, please do not hesitate to contact me at any time with questions and concerns. Thank you.

Timothy D. Deschamps

Executive Director

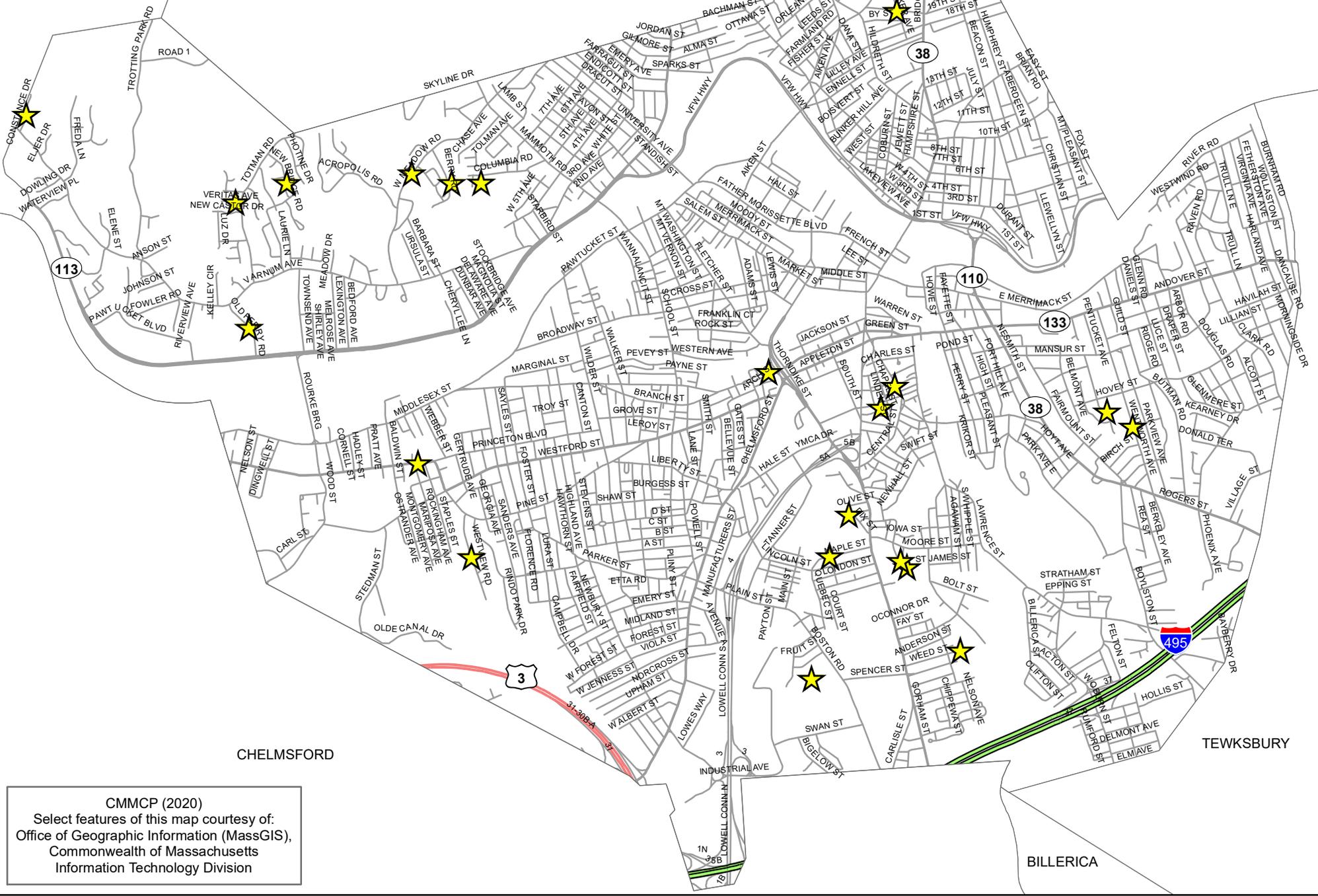
deschamps@cmmcp.org

City of Lowell: CMMCP Mosquito Surveillance Trap Sites



TYNGSBOROUGH

DRACUT



CMMCP (2020)
Select features of this map courtesy of:
Office of Geographic Information (MassGIS),
Commonwealth of Massachusetts
Information Technology Division

BILLERICA

5). PUBLIC EDUCATION

Educating the public about mosquitoes and their biology is an important aspect of our program. We offer a comprehensive program geared towards school-aged children. The Project produces educational materials, and all member Town Halls, Libraries, etc. are stocked with this information. We have a special program geared specifically towards senior citizens, an at-risk population for mosquito-borne viruses. We also display at Health Fairs and other community organized events.

<http://www.cmmcp.org/public-education>

6). RESEARCH AND EFFICACY

While CMMCP is an agency charged with the control of mosquitoes, we strive to check for efficacy of our products and techniques, and perform research in new areas of control. Past areas of study have included: Mosquito Resistance to Pesticides; Spray Program Efficacy; Yearly Resident Satisfaction Survey, Host Seeking Activities of Mosquitoes in Central Mass., and many others.

<http://www.cmmcp.org/research-efficacy>

7). SOURCE REDUCTION

We have a curbside tire collection and recycling program for residents to eliminate this larval mosquito habitat from the environment. We also coordinate with communities in Earth Day cleanups, hazardous waste day events, etc.

<http://www.cmmcp.org/tire-collection-program>

8). BEAVER MITIGATION

Installation of water level control device and other procedures. This program is available subject to current local, state and federal regulations, and some limitations apply. For more information please check:

<http://www.cmmcp.org/beaver-mitigation-program>

MEMBERSHIP IN CMMCP OFFERS RESIDENTS ACCESS TO A FULL PROGRAM OF MOSQUITO CONTROL. CMMCP HAS MADE GREAT STRIDES OVER THE YEARS TO REDUCE DEPENDENCY ON SPRAYING BY PLACING GREATER EMPHASIS ON LARVAL CONTROL, PUBLIC EDUCATION, DITCH MAINTENANCE AND SOURCE REDUCTION. SPRAYING IS DONE ONLY AFTER REQUEST BY A PROPERTY OWNER. IF MOSQUITO-BORNE VIRUSES ARE IDENTIFIED, SPRAYING IS DONE IF LOCAL AND STATE OFFICIALS ARE CONSULTED AND IT HAS BEEN DETERMINED THAT SPRAYING IS AN APPROPRIATE RESPONSE.

RESIDENTS MAY EXCLUDE THEIR PROPERTY FROM ANY PART OF OUR PROGRAM AT ANY TIME.

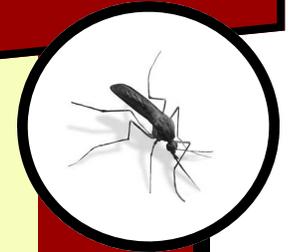
FOR MORE INFORMATION PLEASE GO TO

WWW.CMMCP.ORG



**MEMBERSHIP IN
THE**

**CENTRAL MASS.
MOSQUITO
CONTROL PROJECT**



**WHAT SERVICES
ARE AVAILABLE ?**

**CENTRAL MASS MOSQUITO CONTROL PROJECT
111 OTIS STREET
NORTHBOROUGH, MA 01532
(508) 393-3055
www.cmmcp.org**

MEMBERSHIP IN CMMCP - WHAT SERVICES ARE AVAILABLE?

CMMCP is a Massachusetts state agency that operates under the State Reclamation & Mosquito Control Board, an agency in the Dept. of Agricultural Resources. We work closely with several other state agencies, most notably the Dept. of Public Health and the Dept. of Environmental Protection. Membership in CMMCP allows a full program of mosquito control to be accessed by residents and town officials. The annual cost of membership is determined by the Dept. of Revenue and is a



Mosquito larvae

factor of the equalized evaluations and the total land area of each town. This amount is withheld from the local aid package sent out by the State each year and placed into our budget.

We were formed in 1973 and currently provide service to 44 member cities and towns in both Worcester and Middlesex counties. We employ 22 full time staff and hire up to 10 seasonal staff each summer to work in our surveillance department and assist in other areas such as

research, source reduction, larval control and ditch maintenance. We operate out of a newly renovated, state-of-the-art facility in Northborough, and we are the largest mosquito control project in the state covering over 810 square miles. We constantly strive to offer the latest advances and procedures in mosquito control operations. Our website at <https://www.cmmcp.org> has detailed information on our program. For more information please call our office at (508) 393-3055 during business hours or e-mail us anytime at cmmcp@cmmcp.org.

MOSQUITO CONTROL SERVICES

We offer a full program of mosquito control which consists of 8 components: larval control; adult control; ditch maintenance; mosquito surveillance; public education; research and efficacy; source reduction (tire recycling) and beaver mitigation. Details of each program are outlined in this pamphlet.

1). LARVAL MOSQUITO CONTROL

Wetlands and suspected mosquito larval sites are monitored by specially-trained technicians from March through September to determine the need for applications of environmentally sensitive products (typically Bti) to control the larval mosquito. By controlling mosquitoes in their larval stage the need for adult mosquito spraying is greatly reduced.

<http://www.cmmcp.org/larval-control-program>

2). ADULT MOSQUITO CONTROL

Adult mosquito control (called adulticiding) is only done by REQUEST OF RESIDENTS & TOWN OFFICIALS, OR AS A RESPONSE TO VIRUS CONFIRMATIONS. If adult mosquito populations have reached established thresholds, GPS tracked, computer controlled truck-mounted sprayers are used to reduce the adult mosquito levels in targeted areas. The Project has worked diligently over the past 30 years to achieve the goal of reducing the dependency on adulticiding by increasing the emphasis on the other proactive services outlined in this pamphlet. If mosquito-borne viruses are identified, we work closely with local and state health officials to determine the appropriate response.

<http://www.cmmcp.org/adulticide-program>

3). DITCH MAINTENANCE

CMMCP conducts maintenance on ditches to improve water

flow, cleans roadside culverts and man-made ponds to improve water quality, thereby restoring historic flow patterns and reducing the potential for larval mosquito habitat in these areas.

<http://www.cmmcp.org/ditch-maintenance-program>

4). MOSQUITO SURVEILLANCE

Mosquito populations are monitored in both the larval and adult stages to determine the appropriate control methods to be employed, record prevalent mosquito species, and determine disease transmission potential. We supplement the Dept. of Public Health's arbovirus surveillance program, and send in samples weekly from all member communities to be tested for mosquito-borne viruses.

<http://www.cmmcp.org/arbovirus-surveillance-program>

Lowell Tobacco Control Report

August of 2020

Prepared by: Cesar Pungirum, M.M., J.D.
Program Director

Lowell

Inspections

I've been able to complete 29 in-store inspections so far this month. Most violations found had to do with missing new signs required under the new state law. Some retailers didn't have the required manufacturers' letters attesting the nicotine content of vaping products. Vuse Alto vaping devices are being sold for \$0.99 in some cities and towns. I have yet to find them in Lowell or Lawrence.

Pricing Surveys

As the Massachusetts Tobacco Cessation and Prevention Program (MTCP) has suspended pricing surveys until further notice, we continue to focus on the implementation of the new state law.

Implementation of the new state law: An Act Modernizing Tobacco Control

Although some retailers have been complacent with some of the new state law requirements, which is a behavior consistent with the implementation of previous regulations, they've been cooperative, immediately fixing any problems found. Following enforcement recommendations from MTCP, at this stage of implementation, we're focusing on education. Therefore, no fines have been issued yet, but retailers are being reminded that may occur if the same types of violations continue to be found during future inspections.

Compliance Checks

MTCP continues to assess the impact of the COVID-19 pandemic on the work that we do and is working with local programs to develop enforcement protocols for when they think compliance checks might be safely conducted. So far, MTCP has suspended most programmatic requirements. In fact, some programs have not resumed in-store visits yet.

Tobacco Control Grant Renewal

MTCP has informed us that all contracts have been preliminarily renewed for the sake of starting programs into the new fiscal year. However, they have yet to process all renewal packages, return signed contracts and provide us with further instructions about rolled over funds. Most MTCP leadership staff are still working remotely. It's unclear whether their fiscal staff have resumed regular in-office hours.

Establishment	#	Street	Prior Inspection	Inspector 2	Last Inspection	Inspector-1
Lowell Firefighters Assoc.	362	Fletcher St.	22-Oct-19	Jimmy	20-Aug-20	Aurea
Top Donut	700	Aiken Ave.	07-Feb-20	Jimmy	19-Aug-20	Jimmy
Whams Café	737	Lakeview Ave	29-Oct-19	Jimmy	19-Aug-20	Jimmy
Lowell Lodge of Elks	40	Old Ferry Rd	07-Jan-20	Jimmy	19-Aug-20	Jimmy
Bowlero	647	Pawtucket Blvd.	26-Mar-19	Jimmy	19-Aug-20	Jimmy
Rose Fresh Market	1350	Gorham St			18-Aug-20	Shawn / New
Fitzzy's *	1250	Lawrence St.	23-Oct-19	Adam	18-Aug-20	Adam
Ecuamerica Grocery Store	419	Bridge St	19-Feb-20	Jimmy	17-Aug-20	Jimmy
Sandwich King	361	Bridge St.	18-Feb-20	Jimmy	17-Aug-20	Jimmy
Chatime 781-588-6126	104	University Ave	27-Jan-20	Jimmy	17-Aug-20	Jimmy
Foody Goody Asian Cuisine	101	Lakeview Ave.	25-Feb-20	Jimmy	13-Aug-20	Jimmy
Lowell House of Pizza	283	School St.	22-Oct-19	Jimmy	13-Aug-20	Jimmy
Eggroll Café	110	University Ave.	25-Feb-20	Jimmy	13-Aug-20	Jimmy
Jerry's Food Store	207	University Ave.	11-Feb-20	Jimmy	13-Aug-20	Jimmy
Hope to Opportunity	35	Varnum Ave.	20-Feb-20	Jimmy	13-Aug-20	Jimmy
4 M's Variety	271	School St.	06-Feb-20	Jimmy	12-Aug-20	Jimmy
TLC Package Store	277	School St.	06-Feb-20	Jimmy	12-Aug-20	Jimmy
Speedway	300	Merrimack St.	07-Feb-20	Jimmy	11-Aug-20	Jimmy
Merrimack St. Variety	442	Merrimack St.	12-Feb-20	Jimmy	11-Aug-20	Jimmy
Sizzling Kitchen	602	Merrimack St.	12-Feb-20	Jimmy	11-Aug-20	Jimmy
Excel Package Store	611	Merrimack St.	12-Feb-20	Jimmy	11-Aug-20	Jimmy
Community Christian Fellowship	105	Princeton Blvd.	18-Dec-19	Aurea	11-Aug-20	Aurea
Salem St. Variety	97	Salem St.	12-Feb-20	Jimmy	11-Aug-20	Jimmy
Utec Community Kitchen	15	Warren St	28-Jun-19	Adam	11-Aug-20	Adam
UTEC	41	Warren St.	19-Dec-19	Adam	11-Aug-20	Adam
Honest Lowell	21	Wood St.	22-Jan-20	Shawn New	11-Aug-20	Jimmy
Valentina's Portuguese Market	888	Cental St.	20-Feb-20	Lisa	08-Aug-20	Shawn
Lowell Car Wash	168	Plain St.	14-Jan-20	Aurea	07-Aug-20	Aurea
China Buffet	203	Plain St.	29-Jun-20	Aurea	07-Aug-20	Aurea
Ice Cream Dylan & Pete's	558	Chelmsford St	14-Jun-19		06-Aug-20	Aurea
Polish National Home	10	Coburn St.	28-Jan-20	Jimmy	06-Aug-20	Jimmy
Transfiguration Church	25	Fr. John Sarantos Way	30-Oct-19	Jimmy	06-Aug-20	Jimmy
Crown Fried Chicken Lowell	813	Lakeview Ave	04-Feb-20	Adam	06-Aug-20	Adam
Morning Star *	716	Middlesex St.	11-Mar-20	Aurea	06-Aug-20	Aurea
Red Rose Restaurant	716	Middlesex St.	03-Feb-20	Aurea	06-Aug-20	Aurea
La Pradera Bar and Grill	1717	Middlesex St.	26-Jun-19	Aurea	06-Aug-20	Aurea
Club Passe Temps	371	Moody St.	22-Oct-19	Jimmy	06-Aug-20	Jimmy
Food Truck Egyptian Grill	272	Riverside St.	16-Dec-19	Jimmy	06-Aug-20	Jimmy
Social Club of Pawtucketville	123	Univesity Ave.	31-Oct-19	Jimmy	06-Aug-20	Jimmy
Palin Restaurant	6	Branch St.	26-Nov-19	Aurea	05-Aug-20	Aurea
Nibanna Café	12	Cardinal O'Connell Pkwy			05-Aug-20	Shawn New
Highland Variety	146	Pine St.	09-Jan-20	Aurea	04-Aug-20	Aurea
GNC	199	Plain St.	14-Jan-20	Aurea	04-Aug-20	Aurea
Two Chefs Are Better Than One	144	Chelmsford St	30-Dec-19	Aurea	03-Aug-20	Aurea
Powerhouse Juice	120	Merrimack St	20-Dec-19	Adam	03-Aug-20	Shawn
Powerhouse Foods	122	Merrimack St	20-Dec-19		03-Aug-20	Shawn
Boys & Girls Club of Gr. Lowell	657	Middlesex St.	15-Jan-20	Aurea	03-Aug-20	Aurea
Lowell Food Mart	624	School St.	31-Jan-20	Aurea	03-Aug-20	Aurea
Infante Grocery	198	Broadway St.	13-Jan-20	Aurea	31-Jul-20	Aurea

Alpine Butcher Shop	963	Chelmsford St.	14-Jan-20	Aurea	31-Jul-20	Aurea
Sebastian's Café	1001	Pawtucket Blvd	31-Oct-19	Jimmy	31-Jul-20	Jimmy
L&M Liquors	424	Chelmsford St.	08-Jan-20	Aurea	30-Jul-20	Aurea
Lowell Quick Mart	627	Chelmsford St.	09-Jan-20	Aurea	30-Jul-20	Aurea
Cobblestone's	91	Dutton St.	28-Jan-20	Adam	30-Jul-20	Adam
Courtyard by Marriott	30	Industrial Ave, E.	14-Jan-20	Aurea	30-Jul-20	Aurea
Heng Lay Restaurant, Inc.	153	Liberty St.	04-Nov-19	Aurea	30-Jul-20	Aurea
Mandarin Lowell, Inc.	1592	Middlesex St.	30-Jan-20	Aurea	30-Jul-20	Aurea
Food Shines	277	Pawtucket St	06-Jan-20	Shawn New	30-Jul-20	Jimmy
St. Patrick's Church	282	Suffolk St.	29-Oct-19	Jimmy	30-Jul-20	Jimmy
Happy Brothers Sushi	1235	Bridge St	22-Oct-19	Adam	29-Jul-20	Adam
Market Basket	1235	Bridge St.	18-Oct-19	Adam	29-Jul-20	Adam
Bangkok Market, Inc	179	Chelmsford St.	09-Jan-20	Aurea	29-Jul-20	Aurea
Simply Khmer Food	26	Lincoln St.	30-Jan-20	Aurea	29-Jul-20	Aurea
Family Dollar	1665	Middlesex St.	08-Jan-20	Aurea	29-Jul-20	Aurea
Honeydew Donut	1740	Middlesex St.	06-Jan-20	Aurea	29-Jul-20	Aurea
Pizza Palace	1740	Middlesex St.	06-Jan-20	Aurea	29-Jul-20	Aurea
Vientaine Grocery & Video	426	Chelmsford St.	08-Jan-20	Aurea	28-Jul-20	Aurea
Chen's Kitchen	61	Mammoth Rd.	19-Dec-19	Jimmy	28-Jul-20	Jimmy
Blue Shamrock Pub	105	Market St.	10-Dec-19	Jimmy	28-Jul-20	Shawn
Donna's Laos Thai	478	Merrimack St			28-Jul-20	Shawn New
Lowell Transitional Living Center	189	Middlesex St.	30-Sep-19	Adam	28-Jul-20	Adam
Willow Manor Nursing Home	30	Princeton Blvd.	20-Nov-20	Aurea	28-Jul-20	Aurea
American Legion Post	684	Westford St.	24-Oct-19	Adam	28-Jul-20	Aurea
Pawtucketville Diner	369	Mammoth Rd.	23-Jul-19	Adam	24-Jul-20	Adam
CTI-	554	Pawtucket St.	18-Dec-19	Jimmy	24-Jul-20	Aurea
Sazon Latino	32	Westford St.	18-Dec-19	Aurea	24-Jul-20	Aurea
Old Court	29	Central St.	24-Sep-19	Lisa	23-Jul-20	Shawn
Dunkin Donut	556	Dutton St.	24-Sep-19	Aurea	23-Jul-20	Aurea
Eliu's Hole in The Wall	398	Fletcher St	08-Oct-19	Aurea	23-Jul-20	Aurea
Classic Convenience	70	Merrimack St			23-Jul-20	Shawn New
Veterans of Foreign Wars	190	Plain St.	24-Oct-19	Adam	23-Jul-20	Aurea
Food Truck Bobby Jack's Memphis BBQ	1777	Main St (Tewksbury)	07-Nov-19	Shawn New	22-Jul-20	Shawn
Pawtucket Cong. Church	15	Mammoth Rd.	11-Sep-19	Jimmy	22-Jul-20	Jimmy
Arthur's Paradise Diner	112	Bridge St. (Prev Passes)	10-Oct-19	Jimmy	21-Jul-20	Jimmy
Fuji	61	Merrimack St.	27-Jan-20	Jimmy	21-Jul-20	Jimmy
New Asian Market	35	Willie St Unit 9	27-Jan-20	Shawn	21-Jul-20	Jimmy
Appleton Liquors-	171	Appleton St.	12-Dec-19	Lisa	20-Jul-20	Lisa
Internatinal Ministry of Deliverias	192	Appleton St.	25-Oct-19	Lisa	20-Jul-20	Lisa
Little Sprouts	900	Chelmsford St.	26-Aug-19	Aurea	20-Jul-20	Aurea
Outback Steakhouse	28	Reiss Ave.	12-Dec-19	Aurea	20-Jul-20	Aurea
Romeo and Julliette	26	South St	24-Jan-20	Lisa	20-Jul-20	Lisa
Friend's Restaurant & Pub	350	Market St.	20-Dec-19	Aurea	17-Jul-20	Aurea
Food Truck Sal's Mobile #3	290	Merrimack St			17-Jul-20	Shawn New
Food Truck Thwaites	36	Railroad St (Methuen)	16-Aug-19	Shawn New	17-Jul-20	Shawn
Lowell Liquors	638	Rogers St.	18-Dec-19	Lisa	17-Jul-20	Lisa
Roma Pizza	638	Rogers St.	18-Dec-19	Lisa	17-Jul-20	Lisa
Mt. Pleasant Golf Course	141	Staples St.	16-Dec-19	Aurea	17-Jul-20	Aurea
Dunkin Donut	443	Chelmsford St.	24-Sep-19	Aurea	16-Jul-20	Aurea

Food Truck - Street 55 617-953-5522	846	Fellsway	07-May-19	Shawn	16-Jul-20	Shawn
Rosenbloom Groceries	1088	Gorham St	15-Jan-20	Lisa	16-Jul-20	Lisa
Ornelas Enterprise	1088	Gorham St.	15-Jan-20	Lisa	16-Jul-20	Lisa
Father Norton Manor	137	High St.	22-Jan-20	Lisa	16-Jul-20	Lisa
LePetit Club	660	Middlesex St.	26-Nov-19	Aurea	16-Jul-20	Aurea
Dunkin Donut	1505	Middlesex St.	19-Dec-19	Aurea	16-Jul-20	Aurea
Walgreen's	54	Plain St.	16-Dec-19	Aurea	16-Jul-20	Aurea
McDonald's	66	Plain St.	19-Dec-19	Aurea	16-Jul-20	Aurea
Town & Country Nursing Home	259	Baldwin St.	07-Nov-19	Aurea	15-Jul-20	Aurea
Nanas Kitchen	515	Central St	30-Jan-20	Lisa	15-Jul-20	Lisa
L&S Liquors	2	Dover St.	07-Oct-19	Aurea	15-Jul-20	Aurea
Club Diner	145	Dutton St.	31-Jan-20	Jimmy	15-Jul-20	Jimmy
Andy Store	66	Jewett St.	28-Jan-20	Jimmy	15-Jul-20	Jimmy
Sophia Greek Pantry	477	Market St.	16-Dec-19	Aurea	15-Jul-20	Aurea
Hoi Elvis Records	698	Merrimack St.	19-Dec-19	Jimmy	15-Jul-20	Jimmy
Infante Grocery 2	326	Moody St.	23-Jan-20	Jimmy	15-Jul-20	Jimmy
Payless Food Store	81	Read St.	23-Jan-20	Jimmy	15-Jul-20	Jimmy
Country Farms	56	Aiken Ave.	21-Jan-20	Jimmy	14-Jul-20	Jimmy
Ramo's Package Store	79	Branch St.	19-Sep-19	Aurea	14-Jul-20	Aurea
Branch St. Variety	186	Branch St.	22-Oct-19	Aurea	14-Jul-20	Aurea
Belvidere Wine Corp.	36	Concord St.	19-Sep-19	Lisa	14-Jul-20	Lisa
Huong Xuan V Store	63	Fletcher St.	10-Sep-19	Aurea	14-Jul-20	Aurea
King Liquor	326	Fletcher St.	30-Sep-19	Aurea	14-Jul-20	Aurea
Lucky Market	1300	Gorham St	14-Jan-20	Lisa	14-Jul-20	Lisa
KPT 1300 Liquors	1300	Gorham St.	14-Jan-20	Lisa	14-Jul-20	Lisa
LaDiferencia Restaurant	192	Middlesex St.	01-Nov-19	Aurea	14-Jul-20	Aurea
Rosso's Santos Italian Style Pizza	1275	Pawtucket Blvd.	14-Jan-20	Jimmy	14-Jul-20	Jimmy
Dunkin Donuts	295	Varnum Ave.	25-Sep-19	Jimmy	14-Jul-20	Jimmy
Lowell General Hospital Café & Kitchen	295	Varnum Ave.	25-Sep-19	Jimmy	14-Jul-20	Jimmy
Lowell General Hospital Gift Shop	295	Varnum Ave.	27-Jan-20	Jimmy	14-Jul-20	Jimmy
Spartan's Pizzeria	863	Varnum Ave.	21-Jan-20	Jimmy	14-Jul-20	Jimmy
Chiu Yeung Bakery	165	High St	23-Jan-20	Lisa	13-Jul-20	Lisa
Asados Dona Flot	197	High St.	23-Jan-20	Lisa	13-Jul-20	Lisa
Pizza Hut Express	131	Church St.	21-Oct-19	Lisa	08-Jul-20	Lisa
Lowell Day Nursery	119	Hall St.	22-Aug-19	Aurea	08-Jul-20	Aurea
Coffee and Cotton	250	Jackson St	19-Nov-19	Lisa	08-Jul-20	Lisa
Dows Soda Fountain	250	Jackson St	19-Nov-19	Lisa	08-Jul-20	Lisa
Luna Theater-Red&White-Coffee and Cotton	250	Jackson St. # 490	19-Nov-19	Lisa	08-Jul-20	Lisa
Rancho Tipico	11	Salem St.	11-Dec-19	Adam	08-Jul-20	Aurea
Snowdeas	1075	Westford St	04-Nov-19	Aurea	08-Jul-20	Aurea
Windsor Shoppe	583	Westford St.	11-Dec-19	Aurea	08-Jul-20	Aurea
Drum Hill Gulf	1299	Westford St.	04-Nov-19	Aurea	08-Jul-20	Aurea

BOH Meeting 9-2-2020

New Food Establishments

Donna's Laos Thai – 478 Merrimack St 7/29/20

Nibanna Café – 12 Cardinal O'Connell Pkwy 8/5/20

Rose's Fresh Market – 1350 Gorham St 8/18/20

BOH Meeting 9-2-2020

Failed Food Establishments

Elui's Hole In The Wall – 398 Fletcher St 7-14-2020

Hood and Ansol System out of date.

Fire extinguisher out of date.

Reinspection: 7/23/2020 – Compliance

Last three inspection: All passed

Sazon Latino – 32 Westford St – 7/8/20

Hood system out of date / Serviced 7/23/20

Reinspection: 7/24/20 Compliance

Last three inspections: All passed

A&R African Market – 558 Gorham St 8/4/20

Food not labeled and dated

Excessive trash and furniture on property

Kitchen area unkempt and unorganized

Emergency Closure

Reinspection: 8/12/2020 Compliance

Last three inspections:

Overdoses: 91 or 2.9 per day

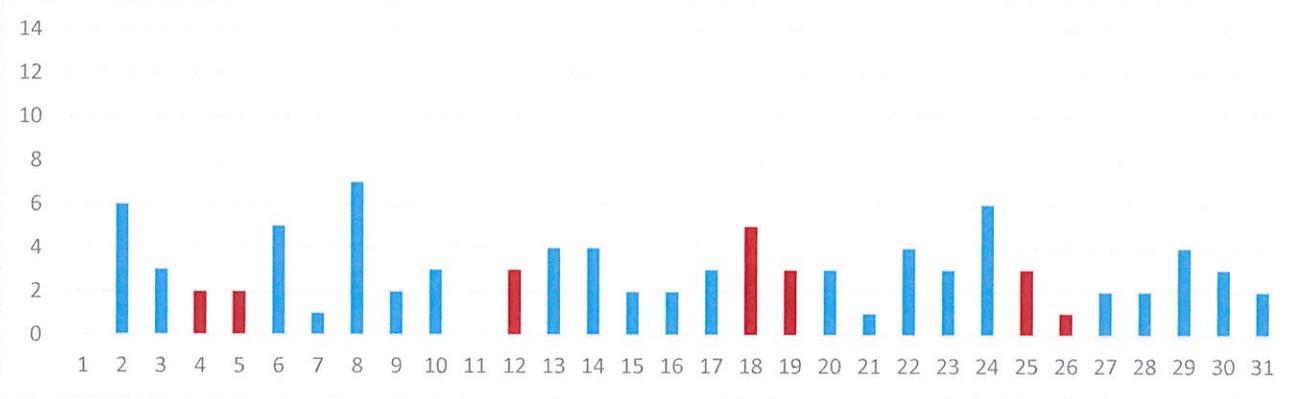
Day of the week:

Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Count	14	8	17	16	17	10	9
Average	3.5	2.0	3.4	3.2	3.4	2.5	2.3

91

Day of the month:

Note: Red columns are Saturdays and Sundays



Hour of the day:

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
2	1	4	1	2	5	1	0	3	1	2	3	3	3	8	5	4	5	6	6	9	10	6	1

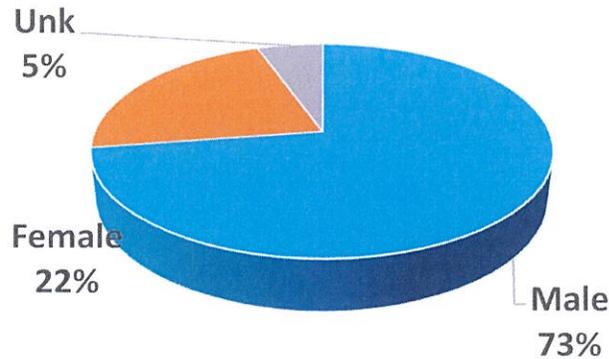
91

Section of the city:

Neighborhood	Count
Acre	10
Back Central	21
Belvidere	1
Centralville	12
Downtown	22
Highlands	10
Lower Belvidere	2
Lower Highlands	4
Pawtucketville	7
Sacred Heart	2
South Lowell	0
Total	91

Profile of patient

Sex	Count	Avg Age	Range
Female	20	36	2-71
Male	66	39	1-68



Age	#
12 and U	3
13-15	0
16-17	2
18-21	5
22	1
23	1
24	2
25	4
26	0
27	2
28	3
29	2
30	2
31	2
32	1
33	7
34	0
35	4
36	3
37	3
38	3
39	2
40	0
41	3
42	0
43	0
44	0
45	2
46	1
47	1
48	0
49	5
50	1
51-55	6
56-60	6
61-65	4
66-70	4
71 and up	1
Unk	5

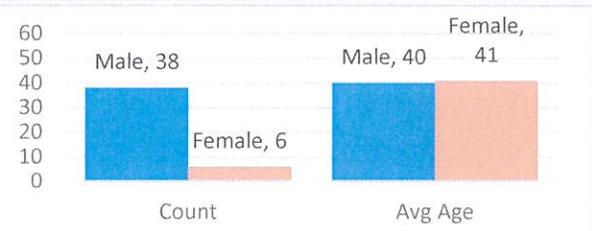
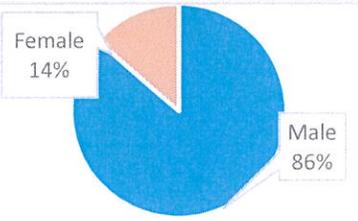
19-Jul	19-Aug	19-Sep	19-Oct	19-Nov	19-Dec	20-Jan	20-Feb	20-Mar	20-Apr	20-May	20-Jun	20-Jul
97	100	83	107	73	95	78	84	75	96	119	96	91
3.1	3.2	2.8	3.5	2.4	3.1	2.5	2.9	2.4	3.2	3.8	3.2	2.9



Categorized Opiate Report: Jul-20 Lowell, MA

Priority of patient

Priority 1	22
Priority 2	8
Priority 3	14

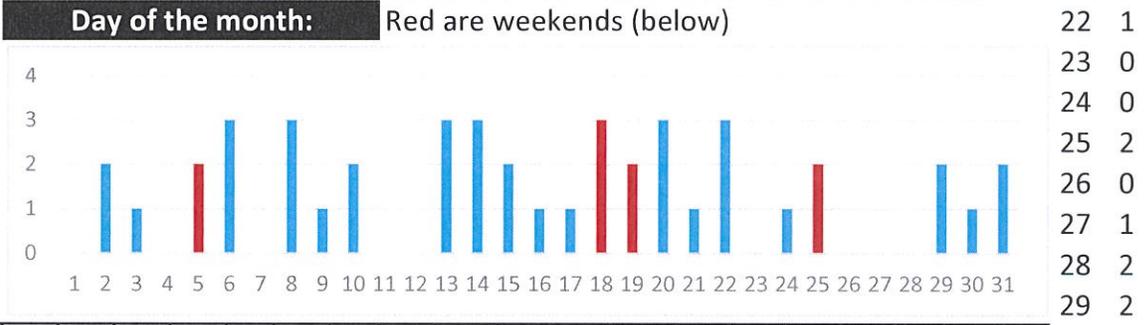


Age

12 and U	0
13-15	0
16-17	0
18-21	0

Day of the week:

Day	#	Avg
Mon	9	2.3
Tue	4	1.0
Wed	10	2.0
Thu	5	1.0
Fri	7	1.4
Sat	5	1.3
Sun	4	1.0



Hour of the day:

Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Count	2	1	2	0	1	0	0	0	1	1	2	2	2	1	4	1	2	3	1	4	4	6	3	1

Location of patient

Location	#
Private Residence	18
Public Location- Inside	2
Public Location- Outside	24
Residential Institution	0

Narcan used by:

Lowell FD	4	Lowell PD	3
Trinity ALS	0	Trinity BLS	8
LGH ALS	3	Other	8
Park Ranger	0		

Narcan doses

2mg - 4	32
4mg - 9	5
8mg+ - 6	3

Neighborhood

Acre - 1	Back Central - 15	Centralville - 7	Downtown - 10	Highlands - 2
Lwr Belvidere - 2	Lwr Highlands - 3	Pawtucketville - 3	Sacred Heart - 1	

Home town of pt

Andover - 1, Billerica - 1, Dracut - 1, Londonderry - 1, Lowell - 31, Nashua - 1, North Chelmsford - 2, North Weymouth - 1, Tewksbury - 2, Tyngsboro - 1, Unknown - 2

Last 12 months All ORI calls

Month	19-Jul	19-Aug	19-Sep	19-Oct	19-Nov	19-Dec	20-Jan	20-Feb	20-Mar	20-Apr	20-May	20-Jun	20-Jul
Count	46	35	46	52	36	37	32	31	28	48	57	49	44
Avg	1.5	1.1	1.5	1.7	1.2	1.2	1.0	1.1	0.9	1.6	1.8	1.6	1.4

Last 12 months Priority 1 only

Month	19-Jul	19-Aug	19-Sep	19-Oct	19-Nov	19-Dec	20-Jan	20-Feb	20-Mar	20-Apr	20-May	20-Jun	20-Jul
Count	26	26	27	34	23	27	21	17	19	26	31	25	22
Avg	0.8	0.8	0.9	1.1	0.8	0.9	0.7	0.6	0.6	0.9	1.0	0.8	0.7

Year	ORI - daily average					Yr avg	Priority 1 only- daily average					Yr avg	Age
	Q1	Q2	Q3	Q4	Yr avg		Q1	Q2	Q3	Q4	Yr avg		
2012	0.5	0.8	0.7	0.6	0.7	2012	0.1	0.2	0.3	0.3	0.2	51-55	2
2013	0.7	1.2	1.1	0.6	0.9	2013	0.3	0.4	0.5	0.2	0.3	56-60	6
2014	0.8	1.4	1.6	1.4	1.3	2014	0.3	0.6	0.8	0.9	0.7	61-65	0
2015	1.4	1.7	1.9	1.4	1.6	2015	0.8	0.7	0.9	0.8	0.8	66+	2
2016	1.7	1.6	2.0	2.3	1.9	2016	1.0	1.0	0.9	1.3	1.0	Unk	0
2017	2.0	2.3	2.8	1.8	2.2	2017	1.2	1.4	1.6	1.0	1.3		
2018	2.1	2.0	2.6	2.2	2.2	2018	1.2	1.1	1.3	1.4	1.3		
2019	1.5	1.5	1.4	1.4	1.5	2019	0.7	0.9	0.9	0.9	0.9		
2020	1.0	1.7	1.4			2020	0.6	0.9	0.7				



The following data is from Trinity EMS electronic Patient Care Reports. This data is from calls in all 13 communities Trinity provides service for. Only data from July 2020 opioid related calls are included

Trinity EMS Inc provides EMS services for the following communities in MA: Boxford, Chelmsford, Dunstable, Groveland, Haverhill, Lowell, and Dracut. In NH: Atkinson, Danville, Hampstead, Newton, Plaistow, and Sandown.

Only opiate overdoses that Trinity EMS Inc responded to are included. If someone from one of the communities listed above overdosed in another community not listed, it will not be represented in this data set.

System wide, Trinity treated 66 patients with an opioid related issue in July 2020.

Row Labels	Count of Date
LOWELL	33
HAVERHILL	13
NORTH CHELMSFORD	2
TEWKSBURY	2
DRACUT	2
(blank)	2
SUFFOLK	1
NORTH WEYMOUTH	1
TYNGSBORO	1
WINDHAM	1
PLAISTOW	1
BILLERICA	1
LEOMINSTER	1
NEWTON	1
LONDONDERRY	1
FREMONT	1
ANDOVER	1
NASHUA	1
Grand Total	66



To whom it may concern,

My name is Leewood Lane and I will be assuming the role of EMS Medical Director for Trinity EMS Inc. I have been a board-certified emergency physician for 23 years. Currently, I am the Chief of Emergency Services for Holy Family Hospital, Methuen and Haverhill campuses. I graduated with honors from Tufts Medical School and participated in my emergency residency at UMass Medical Center in Worcester Massachusetts. In addition to my residency training I trained as a Diving and Submarine medical officer in the United States Navy for 5 years. I have significant experience working with EMS and I look forward to working with the medical professionals from Trinity EMS that service your community. If any further information is needed, please don't hesitate to ask.

Respectfully,

A handwritten signature in black ink, appearing to read "Leewood Lane". The signature is fluid and cursive, with a long, sweeping tail on the final letter.

Leewood Lane, MD
Chief of Emergency Services and EMS Medical Director
Holy Family Hospital

BODY ART PRACTITIONER CHECK LIST

Name of Applicant: Brandon M. Morgan

Phone Number: 603-998-4402

Establishment Affiliation: Lowell Ink

Establishment Address: 161 Worthen St Lowell

Establishment Phone Number: 978-441-9292

EXP DATE	Description of Document
----------	-------------------------

<u>ck#96023893-4</u>	Application
<u>NH licensed since Dec 2015</u>	Proof of 2 years experience as a practitioner or proof of completion of 2 year apprenticeship or proof of completion of 2 year apprenticeship less than 2 years as a practitioner
<u>8/17/2020</u>	Letter of Hire from Employer
<u>exp 7/21/21</u>	<i>Blood Borne Pathogen Certificate</i>
<u>exp 7/21/22</u>	<i>Basic First Aid Card</i>
<u>exp 7/21/22</u>	<i>Advanced CPR Card (if separate from First Aid Card)</i>
<u>ZaZa ink 8/9/2020</u>	Anatomy & Physiology I & II (Tattoo or Piercing) <u>OR</u> Certificate of Completion of Approved Skin Course (Tattoo Only)
<u>titer 8/17/20</u>	Hepatitis B Vaccination Status 1: _____ 2: _____ 3: _____
<u>NH exp 7.19.22</u>	<i>Driver's License/State ID</i>

Bold = New every year

Italicised require updating when expired

nticeship if

Certuse

Adjustment, Inc.

200 Chauncy Street, Suite 201, Mansfield, MA 02048
(508) 337-6066 (800) 280-6066 (401) 272-5041 Fax: (508) 337-6065 | (401) 272-8222
24 Hr. Emergency Pager: (978) 445-0431 Email: Claims@Certuse.com
www.Certuse.com

August 24, 2020

Board of Health or Board of Selectmen
Town/City of Lowell
Via Email

NOTIFICATION UNDER M.G.L. c. 139, §3B

RE: Merrimack Mutual Fire Insurance Company
Insured: Senthilkumar Selvaraj
Policy No.: 3209592
Date of Loss: 08/22/2020
Type of Loss: Water

Dear Sir or Madam:

Certuse Adjustment, Inc., is the independent adjusting firm retained by Merrimack Mutual Fire Insurance Company to investigate and adjust the captioned claim for damage to a building or other structure at the property at 345 Pawtucket Boulevard, Unit 8, Lowell, MA 01854.

Pursuant to M.G.L. c. 139, §3B, Merrimack Mutual Fire Insurance Company hereby notifies you that payment of \$1,000.00 or more may be made in connection with the captioned claim. If the Town/City of Lowell intends to initiate proceedings under M.G.L. c. 139, §3A; c. 143, §9, or c. 111, §127B, please forward the notice required under M.G.L. c. 139, §3B, to my attention within the time provided under that statute.

Thank you for your attention.

Very truly yours,

Certuse Adjustment, Inc., Adjuster

cc: Merrimack Mutual Fire Insurance Company

Rapid Response Testing

Local school officials, after consultation with public health authorities, will be able to request a state sponsored mobile testing unit to test a group of students and/or staff when a potential cluster of COVID-19 cases has been identified and transmission occurred within the school

- The purpose of the mobile rapid response unit is to provide testing of asymptomatic individuals who are not known to be a close contact, when there is evidence that COVID-19 transmission may have occurred within a classroom or school in the past 14 days
- School administrators must contact their local board of health before reaching out to the Department of Public Health. The mobile response unit can be requested by a school administrator or the local board of health and may be deployed by the COVID-19 COVID Response Center after consultation with a DPH epidemiologist
- Any youth under the age of 18 must have the written approval of their parent or legally authorized representative in order to be tested
- DESE and DPH will put out detailed guidance in the coming weeks on how and when testing can be requested, as well as testing and resulting protocols
- Students who develop COVID-19 symptoms or who are close contacts should be tested by their healthcare provider or at a COVID-19 testing [site](#). Testing for symptomatic individuals and close contacts is covered by insurance with no out-of-pocket costs. If an individual does not have insurance testing, it is the responsibility of the health care provider to bill through the federal portal.
- *School administrators should consult with public health authorities to determine if a request for mobile testing should be made. The mobile response team would be deployed if the following minimal conditions applied:*
 - staff if two or more students/staff within the classroom group develop COVID-19 within 14 days and transmission/exposure occurred in the classroom
 - if more than 3% of the cohort/grade (at least 3 individuals) develop COVID-19 within 14 days and transmission/exposure occurred in the school
 - if more than 3% of the school develops COVID-19 within 14 days and there is evidence of transmission within the school
 - if 3 or more staff within the same school develop COVID-19 within 14 days and there is evidence of transmission among the staff
 - if two or more students on the bus develop COVID-19 within 14 days

Stop the Spread

The Stop the Spread (STS) initiative was launched on July 10th. STS is a data-driven initiative that currently provides free testing in 20 communities, through September 12th, that have high rates of COVID-19. The Stop the Spread initiative will be extended through Sept. 30 in select municipalities with the highest rates of COVID 19.

Over the summer, there were a handful of positive cases among staff members teaching summer classes in a few communities. Those school districts were able to handle it quickly and prevent further spread.

Across the Commonwealth, schools will open in a few weeks, and we will be ready to handle positive cases with testing and contact tracing.

From: City Manager
Sent: Monday, August 10, 2020 4:51 PM
To: Broadcast
Subject: Updated COVID-19 Travel Policy
Attachments: COVID-19 Travel Policy_City of Lowell_8.10.20.pdf

Good Afternoon City of Lowell Employees,

As the circumstances surrounding the COVID-19 pandemic evolve, the health and safety of all members of our workforce remains of the utmost importance. Given the increased transmission of COVID-19 being seen in other parts of country, particular caution is required when considering personal travel. With this in mind, and given the recently enacted Travel Order issued by Governor Baker, the attached updated COVID-19 Travel Policy is now in effect for all City of Lowell employees. This Policy is intended to protect City employees and the public they serve from contracting COVID-19 from City employees who have recently returned from travel to a location that posed a high-risk of infection.

Please review this document at your earliest convenience and contact Human Relations should you have any questions related to this.

Sincerely,



Eileen Donoghue
City Manager

City of Lowell Updated COVID-19 Travel Policy

EFFECTIVE DATE

August 10, 2020

BACKGROUND

Governor Baker issued a new Travel Order on July 24, 2020 that takes effect on August 1, 2020, and the City is therefore revising its COVID-19 Travel Policy in accordance with the new statewide Travel Order, and in consideration of the critical public safety and administrative functions of the City. Pursuant to Governor Baker's Travel Order, leisure travel outside of Massachusetts, except to lower risk areas, is strongly discouraged as it poses a threat to employees and the public. This Policy is intended to protect City employees and the public they serve from contracting COVID-19 from City employees who have recently returned from travel to a location that posed a high-risk of infection.

POLICY STATEMENT

Employees are required to notify their Department Heads in writing if traveling to anywhere outside of Massachusetts except for a state that has been designated by the Massachusetts Department of Public Health ("DPH") as a lower risk COVID-19 state. Currently, the list of lower risk COVID-19 states includes:

- New York;
- New Jersey;
- Connecticut
- Maine;
- Vermont;
- New Hampshire;
- Hawaii.

Additionally, employees who have traveled through airports or utilized ferry/cruise ship services are also required to notify their department heads of such travel, even if they traveled to a lower-risk state. Employees should be aware that travel restrictions on a Federal and State level are always subject to sudden change. If an employee's travel request is approved, such approval is provisional and may be rescinded if the travel destination's classification as a lower-risk state changes. Additionally, if you decide to travel outside of Massachusetts and the risk level changes at any time during your travels, you should be prepared to abide by the restrictions for non lower risk areas, as set forth below. For example, Rhode Island was initially included on DPH's list of lower risk states, but was removed from that list within one week because of rising rates of infection.

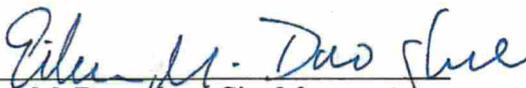
If travel to a non lower risk state is approved, then upon returning from such travel, **you will be required to stay home to monitor for symptoms during a 14-day period.** You may also be asked to provide a letter or certification indicating that you have been cleared to return to work. Employees prohibited from entering the workplace due to quarantine and whose Department Head determines that the essential function of such employees' position cannot be performed remotely may be entitled to up to 80 hours of Emergency Paid Sick Leave ("EPSL") under the FFCRA if they have not already used said leave. As an alternative to a 14-day quarantine, employees may submit evidence of negative test results from two FDA EUA-approved molecular (PCR) SARS-CoV2 tests, the first taken upon re-entry into Massachusetts and the second taken at least 72 hours after the first test. Employees may utilize available EPSL leave while awaiting the results of these two tests. Employees should note that once their paid EPSL allotment has been used, any future COVID-related absences related to illness or quarantine requirements will require the use of the employee's own sick leave or vacation time as applicable.

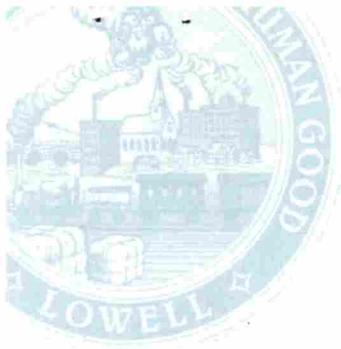
The City reserves the right to deny an employee's request to use vacation leave for travel to a location other than a designated lower risk state based upon the operational impact of such employee's protracted absence resulting from the required stay-at-home period. In the case of an employee who is traveling to be a caregiver for, or in connection with the care of, an ill family member, such travel will not be denied but the employee will still have to comply with quarantine and/or negative testing requirements before returning to work.

Employees who fail to comply with this policy are subject to disciplinary measures, up to and including termination. Additionally, employees should be aware that the Commonwealth of Massachusetts requires travelers entering the Commonwealth from any state that has not been designated as a lower risk COVID-19 state to complete a "Massachusetts Travel Form" and either produce a negative COVID-19 test result administered no more than 72 hours prior to arriving in Massachusetts or quarantine for 14 days, and failure to comply may result in a \$500 fine per day.

AUTHORIZATION:

Signed and approved:


Eileen M. Donoghue, City Manager



Office of the City Manager
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www.LowellMA.gov

Eileen M. Donoghue
City Manager

Kara Keefe Mullin
Assistant City Manager

FOR IMMEDIATE RELEASE

August 20, 2020

Contact: Phil Geoffroy
Executive Assistant-Communications
978-674-4400 | pgeoffroy@lowellma.gov

No-Cost COVID-19 Testing in Lowell Extended

LOWELL, MA – The City of Lowell’s Health Department has announced that no-cost COVID-19 testing for Lowell residents through the state’s “Stop the Spread” initiative will continue next week and into September. Starting August 26, testing will be offered on Wednesdays from 10:00 AM to 6:00 PM in the parking lot at 1001 Pawtucket Boulevard. Testing is scheduled to be available at the site on August 26, September 2, and September 9. All residents, including those that do not have symptoms of COVID-19, will be eligible to be tested at the site.

The testing marks a continuation of the Health Department’s partnership with Lowell Community Health Center and Trinity EMS, which previously hosted free testing sites at locations throughout the City from July 10 through August 14. Testing has also been offered at LCHC’s Appleton Street location as part of the effort. Roughly 5,000 total participants have been screened for COVID-19 through Stop the Spread testing in Lowell thus far. The Upper Merrimack Medical Reserve Corp has also provided volunteer support testing operations in Lowell.

Appointments are not required, however individuals seeking testing at this site are encouraged to pre-register to reduce wait times by calling 978-937-9700 between 8:30 am and 5:00 pm. Interpretation services will be available for participants requiring them. Results will be provided to each participant confidentially. This testing site will only support drive-thru testing. Participants approaching the site are advised to enter the parking lot by turning off of Pawtucket Boulevard at the lights as entry will not be permitted at the rear of the parking lot from Clyde Street or Wedgewood Circle.

“The Stop the Spread program has been a tremendous success in Lowell thus far and has enabled us to test thousands of residents for COVID-19, many of whom were asymptomatic and may not have been able to be tested otherwise,” said **Lowell Director of Health and Human Service Joanne Belanger**. “While testing a high volume of residents over the last several weeks, we are still continuing to see encouraging trends in COVID-19 transmission data in the City. Nevertheless, the availability of testing remains critical to our ability combat to the virus at the local level. I am grateful to our partners at Trinity EMS and Lowell Community Health Center and am looking forward to

continuing to work alongside them to enhance the accessibility of testing in Lowell. I encourage all residents to take advantage of this extended opportunity to be tested.”

The no-cost testing provided at this site is enabled by the “Stop the Spread” initiative, which launched on July 10 and seeks to curb the transmission of COVID-19 through expanding the availability of testing to asymptomatic residents in communities throughout Massachusetts. Lowell was among the original eight communities served by the program, which is now active in twenty communities across the Commonwealth. More information about the program is available at mass.gov/stopthespread.

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Board of Health Report – September 2nd, 2020

Substance Abuse and Prevention Division, Lowell Health Department

Substance Abuse Coordinator, Division Manager
Lainnie Emond, LMHC

Prescription Drug Monitoring Program (PDMP) Grant Initiatives:

- Lainnie continues to work with the Co-Chairs of the Mayor’s Opioid Epidemic Crisis Task Force.
 - *Upcoming Meetings: August 31st 5:30-6:30pm, September 28th 5:30-6:30pm*
- Lainnie continues to lead Data Subcommittee of the Mayor’s Opioid Task Force. Meetings are being held virtually. The Subcommittee is working on an “Opioid Trends in Lowell, MA” that focuses on the impact of COVID-19 on OUD/SUD in Lowell.
- Lainnie continues to work the Lowell Police Department and UMass Lowell grant partners to document the progress of the grant for the final report.
- The one-year PDMP grant extension that the Lowell Police Department applied for due to the disruption of COVID-19 was recently approved. Budgeting and planning will be updated accordingly.

Lowell CO-OP and Smart Policing Initiative (SPI) Grant Efforts:

- Lainnie continues to be involved in administrative planning for the Lowell CO-OP, including co-facilitating Lowell CO-OP Supervisors Meetings and working with team and grant partners to ensure effectiveness of the team. All meeting are being held virtually at this time.
- Lainnie continues to attend monthly SPI grant, the grant that funds several Lowell CO-OP positions and efforts, conference calls with local and federal grant partners.

Additional Substance Abuse Coordinator Activities:

- Lainnie continues to manage daily activities of the Substance Abuse and Prevention Division.
- Lainnie continues to be the point person for www.DrugFreeGreaterLowell.org (see MOAPC report). Lainnie has been updating current and writing new content.
- Partnerships For Success (PFS) Grant
 - Lainnie has been working with Shannon, Outreach Health Educator, to compile qualitative and quantitative data for the final PFS grant report as the last day of the grant is September 30th, 2020.
 - Lainnie continues to meet monthly with Shannon, Technical Assistance Liaison Ivy Jones-Turner, and BSAS Grant Coordinator Tonya Fernandez to provide updates about the Lowell PFS grant and plan for the evaluation of the grant.
- Lainnie is part of the Merrimack Valley Substance Use Disorder Symposium planning committee. This is the third year that the symposium will be held, and focuses on bringing together providers working SUD and prevention populations together to network and learn about local efforts. The symposium will be held virtually in December 2020.
- Lainnie and substance misuse prevention partners throughout Greater Lowell are planning for Recovery (September) and Prevention (October) months.

Massachusetts Opioid Abuse Prevention Collaborative (MOAPC)

*** Lainnie Emond is overseeing the MOAPC Coalition and grant efforts in the interim***

Strategy One (implement Life Skills Training across the cluster): Life Skills Training is an evidenced based prevention curriculum supported by the Bureau of Substance Addiction Services.

- No updates at this time.

Grant Strategy Two (coordination and promotion of education on harm reduction strategies):

- Several organizations within the MOAPC cluster offer Narcan training and Narcan kits while engaging in appropriate social distancing measures.
- All towns in the Greater Lowell cluster continue to engage in post-overdose follow-up with precautions due to COVID-19. Some communities are using new methods to engage with clients while following guidelines, including utilizing telehealth and arranging to meet clients outside.

Drug Free Greater Lowell Website

- www.DrugFreeGreaterLowell.org is being maintained via the MOAPC grant. The COVID-19 resource page related to mental health, substance abuse treatment and recovery, and youth prevention is being updated regularly.
- New content has been added about prescription medication.

2020 Drug Free Greater Lowell Website Analytics

	Jan	Feb	Mar*	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Total page Views	645	497	559	470	430	494	988	--	--	--	--	--
Unique Page Views	496	362	390	329	295	325	617	--	--	--	--	--

**Analytics for March were unavailable at the time that this BOH report was submitted.*

Other Updates

- The MOAPC grant will be extended through June 30th, 2021.
- The MOAPC Coalition Coordinator position job description was posted on July 20th and will remain posted until filled. First round interviews began the week of August 10th.
- Lainnie is working with prevention staff from the MOAPC cluster communities to plan events for Recovery (September) and Prevention (October) months.

Partnerships for Success (PFS)
Shannon Gray, Outreach Health Educator

Strategy One (social media education dissemination to high school-aged youth re: sharing prescription medications):

PFS Social Media Campaign:

Shannon released the youth social media “meme” campaign. The campaign launched on Thursday August 13th through the Lowell Police Departments Facebook and Twitter pages. Shannon is now working towards creating meme postcard handouts to distribute to youth who are not connected through social media. The postcards are in the end stages of creation and will be printed by the end of this month.

Strategy Two (social media and education dissemination to parents/guardians and high school-aged youth re: proper disposal and storage):

“Help Keep Our Kids Safe” Campaign:

The prescription medication educational flier for parents/guardians was printed and about 5,500 fliers were distributed to local programs, pharmacies, hospitals, and dentists that have access to parents/guardians. As social distancing measures set in place for COVID-19 have impacted direct contact for flier dissemination and education, PFS Coalition members have also shared the educational flier electronically to partners around the community.

Monthly Meeting:

The most recent Partnerships For Success Coalition meeting was held on August 19th from 1-2pm via Zoom. The next and last Coalition meeting is scheduled for September 16th and will be held virtually.

Partnership For Success Updates:

Shannon will be attending the 28th Annual New England School of Best Practices in Addiction Treatment training August 24th through August 28th. This is a week-long virtual training that will cover topics such as social inequalities, opioid use disorder 101, co-occurring substance use and mental health disorders, methamphetamines, and mental health disorders. The knowledge gained from these trainings will positively impact the work moving forward towards the end of the PFS Grant cycle.

Lowell Community Opioid Outreach Program (CO-OP) – **Overview**
Maricia Verma, Lowell CO-OP Supervisor

Lowell CO-OP Data

--	July 2019	July 2020	2019 Total	2020 Total*
Total Encounters	41	154	667	363
Unique Encounters	28	87	378	204
Initial Interaction	7	34	100	66
OD Follow-Up	6	35	116	54
Section 35	1	1	20	5
Clinical Clients	2	16	40	38
Disseminate Narcan	20	41	141	69
SUD Treatment	18	37	158	66
Medical Treatment	4	4	33	17
Other Services	3	4	47	18
Misc. Outreach	223	125	1,581	184

Outreach and Educational Events

Due to Corona virus (COVID-19) concerns in-person outreach and educational events have been temporarily suspended

Relationship Building

Due to Corona virus (COVID-19) concerns relationship building continues to be focused on phone, email conversations, and video conferencing.

Additional

- 8/11/2020 The Lowell CO-OP moved offices within the Middlesex Sheriff’s Office Lowell Community Counseling Center (LCCC). The new office is larger and offers greater opportunity for social distancing.
- Lowell CO-OP Staff Update:
 - Lowell CO-OP Supervisor, Clinical Recovery Specialist, Police Officer, and Fire Fighter continue to work their regular Lowell CO-OP schedule.
 - Lowell House’s Clinical Outreach Specialist and Trinity EMS EMT continue to work reduced hours/dates on the Lowell CO-OP.
- The Lowell CO-OP continues to meet with clients in the office while socially distancing and wearing masks in accordance with the City Managers’ guidelines. The Lowell Health Department has provided masks, gloves, hand sanitizer, and disinfecting wipes for the Lowell CO-OP team members to use.

Lowell Community Opioid Outreach Program (CO-OP) – **Clinical Services**
Joseph Aniello, Clinical Recovery Specialist

Please note that “Clinical Staff” for the Lowell CO-OP are completed by Joseph Aniello, Maricia Verma (Lowell CO-OP Supervisor), and Gianna Sandelli (Outreach Specialist from Lowell House Addiction Treatment and Recover).

Lowell CO-OP Clinical Services Data – 2020

--	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Clinical Sessions	--	--	18	16	7	10	65	--	--	--	--	--	116
Clinical Clients	--	--	7	4	3	4	16	--	--	--	--	--	34
Initial Interaction	--	--	1	0	0	0	4	--	--	--	--	--	5
Medical Treatment	--	--	4	1	0	0	6	--	--	--	--	--	11
Transportation	--	--	2	0	0	0	0	--	--	--	--	--	2
Housing	--	--	5	0	0	0	7	--	--	--	--	--	12
Financial	--	--	5	2	1	1	2	--	--	--	--	--	11
DCF	--	--	4	4	4	1	10	--	--	--	--	--	23
Other	--	--	18	0	0	5	2	--	--	--	--	--	25

Definitions of Data Categories	
Clinical Sessions	Total number of clients that have engaged in clinical case management with Lowell CO-OP Clinical Staff. Includes duplicates of clients.
Clinical Clients	Total number of unduplicated clinical clients that were engaged by Clinical Staff.
Initial Interaction	Total number of clients that the Clinical Staff began clinical case management services during the month.
Transportation	Total number of instances where Clinical Staff case management for clinical clients with regard to transportation services.
Housing	Total number of instances where Clinical Staff performed case management with clinical clients in regard to housing services.
Financial	Total number of instances where Clinical Staff performed case management with clinical client in regard to financial services.
DCF	Total number of instances where Clinical Staff performed case management with clinical clients in regard to services related to the DCF.
Other	Total number of instances where Clinical Staff performed case management with clinical clients for any other service.
Case Management	The process of assessment, planning, facilitation, care coordination, and advocacy for clinical clients’ ongoing psychosocial needs for the promotion of long term substance use recovery.

Syringe Collection Program
Andres Gonzalez, Syringe Collection Program Coordinator

City Department and Community Partner Engagement:

- MassHire
- Lowell City Council
- Lowell Public Works
- Mill City Grows
- Salvation Army
- Life Connection Center
- Healthy Streets
- UMass Lowell
- Trinity E.M.S.
- Middlesex County Superior Court
- Mass DOT
- Office of the City Manager
- Lowell CO-OP
- Department of Planning & Development
- Lowell Street Department
- Lowell Police Department
- Lowell Parks Department

Areas Proactively Swept for Discarded Syringes:

- Dutton Street Bridge
- Riverfront Park
- Le Lachur Park
- Lowell Locks
- Eastern Canal Park
- Hunts Falls Bridge
- George Street
- Favor Street
- Rogers Street Bridge
- South Common Park
- North Common Park
- Thorndike Overpass
- Eastern Canal Park
- Concord River
- Point Park
- Bridge Street Park
- River Bike Path
- Lincoln Street

Syringe Collection Activity 2020

Total Number of...	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug 1-19	Sep	Oct	Nov	Dec	Total
Discarded pick-up requests*	20	24	21	14	13	20	33	20	--	--	--	--	145
Incoming calls for pick-up requests**	18	9	11	9	8	16	21	18	--	--	--	--	92
Syringes picked-up while responding to all discarded pick-up requests	375	135	547	124	50	91	205	288	--	--	--	--	1,797
Syringes picked up during Community Clean-up Events	0	0	0	0	0	0	0	--	--	--	--	--	0
Syringes proactively picked-up while in the community	1125	774	727	882	583	1,190	1,824	1156	--	--	--	--	8,261
Hours proactively picking-up discarded syringes	50	44	40	51	27.5	66	67	38	--	--	--	--	383.5

*Discarded syringe pick-up request from City Employees (ie. police, fire) and Trinity EMS.

**Discarded syringe pick-up request from Lowell residents.