

AGENDA
MAPLEWOOD BOARD OF HEALTH
SEPTEMBER 3, 2019
7:30 PM

1. READ OPENING STATEMENT
2. ROLL CALL
3. RESOLUTION REGARDING PUBLIC PARTICIPATION
4. APPROVAL OF MINUTES
MINUTES OF MEETING OF AUGUST 6, 2019
5. REPORT ON RAT CONTROL ACTIVITIES SUMMER 2019
6. OTHER REPORTS
7. INVITATION TO ADDRESS THE BOARD
8. ADJOURNMENT—OCTOBER 1, 2019

Maplewood Health Division
Narrative Report – August 2019

Rats and Garbage:

During the months of June-July-August 2019 the Health Division did 65 inspections concerning rats and garbage. 55 Re-inspections were performed. Flyers on rat control and information on how to properly store garbage were given out to residents and businesses during these inspections. (See attached) 17 Municipal Court summonses were issued during this period for garbage and rat infestation violations. Written Notices of Violation were issued and mailed detailed notices were also issued. Notices and summonses were mailed to property owners of rental properties that do not live at the rental properties. The written NOTICE OF VIOLATION forms have been particularly helpful in getting residents to be aware of the problem and steps to take to reduce the infestations.

Rat infestations were found in multiple parts of the Township. The northeast section (Irvington Ave. to Parker Ave. to Boyden Ave. are the most affected areas. We also have found infestations on Indiana-Oregon-Ohio St. area. Union Ave. and Hudson Ave. and Berkshire Ave. have also had infestations.

The conclusion is that anywhere there is a food supply, then a rat infestation may follow. As a side note, many dead animals such as raccoons and possums were picked up and removed. People sometimes mistake possums for rats. Rat infestations can be very difficult to eliminate. All affected residents need to make sure there are no food sources. Professional extermination with poison is also required in most situations.

Complaints: When a person contacts the Health Division or when I or one of the other Division staff or Township staff notice a particular unsanitary condition or violation, we log it in as a "Complaint." This has been our system for the last 30 years and has served us well. These are the numbers I report monthly. (Note that "complaints" are not the violations we find during routine food, child care, pool, massage, camp or other inspections. These violations are filed in the business file.) During the summer months, we usually have an uptick in complaints. However, this summer almost double the amount of expected complaints were counted. Most of this was due to the many rat and garbage inspections that we performed. In June-July-August 192 complaints were registered and 81 re-inspections were performed. Needless to say, this kept us very busy and in addition the routine inspections of food businesses and pools.

Lead in Water: The lead in water crisis in Newark did not occur in Maplewood. Several phone conversations with NJ American water staff and one email to the Mayor from NJ American Water assured us that all Maplewood NJ American Water customers get the water from the properly treated Canoe Brook Reservoir. I did get multiple calls from residents who asked about the quality of the water supply in Maplewood. I feel good that I able to assure them that our water supply is not only safe, but that it is an excellent public water system. If you get questions from residents, you can with confidence assure them that we do not have the lead in corrosive water problems that Newark has and they can contact me or NJ American Water for more info.

Having noted this, Maplewood does many home with the lead lateral water supply lines to their homes. So, while the potential for high lead levels in water is low, it does exist. NJ American reported that when they do water main replacement work, that they replace any old lead pipes that go from the water main to the customer shut off valve at the curb. If there is a lead water pipe from the shut off to the house, it is the home owner responsibility to replace this.

The advice to parents from the CDC, EPA, NJ State Health and NJDEP is to at the beginning of the day flush the toilet, use the shower, etc. before using the kitchen faucet for cooking or drinking. Before using this faucet, run the water for 15 seconds to clear any possible lead from solder that may be in the faucet fixture. Of course when you return from a vacation, run the water for longer periods of time.

Last year, the school district found lead in water at fountains and some fixtures with lead over 15 ppb. The decision to use special filters was necessary since there was no guarantee that any water in the old lead plumbing could be flushed every day before use. Filters are very good, but the permanent solution is replace the old pipes.

Finally, it is very important for parents to know that even while lead in water is very much in the news, that old lead paint and soil contaminated with lead paint is on a scale of 10 million to frequently 250 million times more of a dose. The Health Division will upon request, inspect any home in the Township to determine the most usual areas with lead paint hazards. It is not a top to bottom inspection that can be done by a private company, but is merely a survey to note the most usual lead paint hazards. If a person wants a top to bottom inspection, they are advised to contact a private testing company.

The Health Division continues to enforce the Lead Paint House Painting local ordinance. This is essentially the same as the Federal EPA Lead Safe work laws. As a historical note, Maplewood passed the Lead in Painting House Painting ordinance in 1996. This was 14 years ahead of the EPA. In my office, I have a plague Environmental Quality Award from the EPA. This was presented to us in 2001 and Mayor De Luca and I went to the EPA offices in NYC to receive the award. The Mayor has a photo.

Sepsis Governor's Proclamation: Governor Murphy has issued a Proclamation designating September as Sepsis Awareness Month. (Attached). This matter was brought to the Governor's attention by our local Sepsis Alliance and our Assistant Health Officer/Health Educator/Public Health Nursing Supervisor Candice Davenport.

Municipal Alliance: The Municipal Alliance grant received its last payment of the \$27,423 for the grant period July 1, 2018 through June 30, 2019. We received notification from Essex County that this grant will be funded again for July 1, 2019 through June 30, 2020.

Foodborne Illness: A report (attached) from the Public Health Nursing Supervisor shows that foodborne illnesses are very much in Maplewood. The conclusion is that we need to continue to educate the public and do Code enforcement to reduce the incidence of these multiple food borne illnesses. You may have read in the news this month about a large viral Hepatitis-A outbreak, 27 people ill with one death, in a neighboring county that was spread by an infected food handler.



STATE OF NEW JERSEY
EXECUTIVE DEPARTMENT

Proclamation

WHEREAS, September has been nationally recognized as Sepsis Awareness Month by the Sepsis Alliance to bring awareness to the serious and potentially fatal medical condition known as sepsis; and

WHEREAS, sepsis results from an overwhelming immune response to infection, whereby immune chemicals released into the blood to combat infection trigger widespread inflammation; and

WHEREAS, sepsis can be treated with immediate diagnosis and care but must be treated as a medical emergency, as it contributes to tissue damage and organ failure; and

WHEREAS, each year, sepsis is responsible for at least 270,000 deaths in the United States, with young children and the elderly experiencing the greatest number of sepsis-related deaths; and

WHEREAS, those at the highest risk of developing sepsis include some of the most vulnerable people including the very young and the very old (infants and seniors), as well as children with chronic chest or skin conditions, or serious illnesses, such as asthma, diabetes and cancer, and those who have an impaired immune system; and

WHEREAS, sepsis is the third leading cause of preventable maternal deaths in the United States; and

WHEREAS, common infections such as pneumonia, influenza, and urinary tract infections can result in sepsis; and

WHEREAS, 50 percent of sepsis survivors can experience post-sepsis syndrome characterized by life-changing physical and psychological damage; and

WHEREAS, sepsis kills more Americans than prostate cancer, breast cancer, and opioid overdoses combined, and is the most expensive cause of hospitalization in the United States; and

WHEREAS, despite the severe danger and widespread occurrence of this illness, a survey conducted by the Sepsis Alliance found that only 12 percent of U.S. adults know the symptoms of sepsis;

NOW, THEREFORE, I, Philip D. Murphy, Governor of the State of New Jersey, do hereby proclaim:

SEPTEMBER 2019
AS
SEPSIS AWARENESS MONTH

in New Jersey.



GIVEN, under my hand and the Great Seal of the State of New Jersey, this eighth day of August in the year two thousand nineteen, the two hundred forty-fourth year of the Independence of the United States.


Lt. GOVERNOR


GOVERNOR



TOWNSHIP OF MAPLEWOOD

MAPLEWOOD HEALTH DEPARTMENT

MUNICIPAL BUILDING, 574 VALLEY STREET, MAPLEWOOD, N.J. 07040

NOTICE OF VIOLATION

OWNER/ AGENT: _____ STORE NAME: _____

ADDRESS: _____

INSPECTION DATE: _____

To Whom It May Concern:

This is to notify you that as a result of an inspection made of the above premises, we find that you are in violation of [IDENTIFY VIOLATION, INCLUDING CITATION OF ORDINANCE/LAW]:

It will be necessary for you to comply with the following recommendations in order to fulfill the requirements of this department:

You are hereby notified to comply with this notice within a period of _____ days, after issuance date:

Failure to correct the above conditions within the time specified may result in a summons or fine, filed in municipal court.

If you have concerns or questions about this matter, please contact the Health Officer, Robert Roe at (973) 762-8120 x 4400.

[Name] _____

Township Health Official



Township of Maplewood

Municipal Building, 574 Valley Street
Maplewood, New Jersey 07040-2691
Telephone (973) 762-8120 Fax: (973) 762-2805

Robert D. Roe
Health Officer x4400

Candice Davenport
Public Health Nurse Supervisor
/Health Educator



CONTROL OF RATS IN MAPLEWOOD TOWNSHIP

RAT INFESTATIONS ALWAYS INVOLVE A FOOD SOURCE.

**GARBAGE NEEDS TO BE
IN CANS WITH COVERS.
REPLACE CANS THAT
HAVE HOLES**



**SPILED BIRD SEED FROM
BIRD FEEDERS ARE A FOOD
SOURCE FOR RATS**



**DO NOT FEED STRAY DOGS
OR CATS OUTSIDE. THIS IS
ALSO FOOD FOR RATS**

**COMPOST BINS MUST BE
FULLY ENCLOSED. RATS CAN
CHEW THROUGH PLASTIC, OR
BURROW UNDERNEATH.**



**PLACE A
THICK WIRE
MESH
UNDERNEATH
COMPOST
BINS WITH AN
OPEN
BOTTOM.**

**CLEAN UP ALL FOOD
AFTER A BACKYARD
BARBEQUE / PARTY**



**RATS CAN EAT THROUGH
OPENED GRASS SEED BAGS.
KEEP OPENED GRASS SEED
BAGS IN A CLOSED
PLASTIC BIN**

For further information, contact Maplewood Health Dept. 973-762-8120 x4400.



Fact sheet

Lead Contaminated Soil: Minimizing Health Risks

Stephanie Hamel, Ph.D., Former, Post-doctoral Research Associate; Joseph Heckman, Ph.D., Extension Specialist in Soil Fertility; and Stephanie Murphy, Ph.D., Director, Soil Test Laboratory

Lead in Our Environment

Lead is a naturally occurring element found in soils at low concentrations. Elevated levels of lead are usually due to contamination. Living systems have no known biological use for lead, and exposure to elevated concentrations of lead can cause human health problems.

Gardening or playing where soils are contaminated with lead can result in toxicity in humans. Lead can be transferred from the soil when inhaled as soil dust or when directly ingested. While few persons deliberately eat soil, young children, especially toddlers, are at the greatest risk for accidentally ingesting soil and dust, since they have heightened hand-to-mouth activity. The United States Center for Disease Control (CDC) has indicated that lead poisoning is one of the most common, but also preventable, childhood environmental health issues facing our country today. New Jersey law requires physicians to screen all children for elevated blood lead levels.

Specific Health Concerns

Children are more sensitive than adults to lead exposure since their brains and bodies are quickly developing, and can absorb and retain high percentages of lead. Extremely high levels of lead in the blood (80 ug/dL) are rare in this country but can cause coma and death. The consequences of moderate levels of exposure to ingested lead (10 to 40 ug/dL) include neurological damage, lowered IQ, learning disabilities, decreased stature and may be associated with delinquency.

One problem with moderate lead poisoning (10 to 40 ug/dL blood lead) is that the symptoms are not unique to lead exposure and can be mistaken for other illnesses. Children with blood lead levels in this range may develop deficiencies in speech and language processing, attention, and classroom performance. The Centers for Disease Control has established 10 ug/dL as the highest acceptable level of blood lead in children, but this is an arbitrary boundary and

some experts believe that lower levels may also cause developmental problems. Hazard identification and remediation (either indoor or outdoors, depending on the source) are required when blood lead is greater than 20 ug/dL, and chelation therapy is recommended when levels reach 45 ug/dL.

Children are not the only ones affected. Lead exposure can cause similar neurological health problems for adults. Fetuses are also at risk, because lead can be transferred from the mother. Nursing mothers can deliver lead through breast milk.

Pollution Sources

Some soils were polluted long ago by lead. Leaded gasoline contained tetraethyl lead as an antiknock agent for many years; this was volatilized in engines and emitted from tailpipes. Lead deposited along streets and highways until lead use in gasoline was prohibited in the United States, in 1986. Lead from automobile emissions is estimated to have resulted in 4 million metric tons of lead falling onto the ground. Lead tends to bind to soil particles, and despite the years of that have passed, lead remains near the soil surface, unless the soil is disturbed. It is not surprising that levels of lead in soil near highways are often elevated.

Peeling lead-based paint can add paint chips as well as lead dust from eroded paint and past sanding, to the adjacent soil.



Photo Credit: Joseph T. Pomesa



Report on Foodborne Illnesses

As per July 2019, we had 14 reportable communicable diseases investigated by the Public Health Nursing staff. Of those, seven of the 14 or half of our cases this month were confirmed foodborne illnesses. Foodborne illness cases like cyclosporiasis, hepatitis A, shigellosis, and campylobacter are caused by bacterial, viral or parasitic agents found in improperly handled or prepared food. While none of these cases are from patrons who ate at our local restaurants, as the public health division, we want to take the opportunity to raise awareness of four things:

- When in doubt, throw it out. Do not eat food that has been kept past its prime or potentially kept at less than optimal temperatures.
- Handwashing is the most important thing that people can do to protect themselves and others, from foodborne illnesses. We ask that all food handlers, restaurant managers, and food service caterer or vendors, including those of us who cook routinely for our families for summer BBQs, and everyday meals- to please wash your hands in between food prep, before you handle food and after you use the bathroom. Those who work in the food industry and handle food in large quantities should wear gloves and when preparing and serving food.
- Make sure that food is cooked to, and maintained at, the optimal food temperatures. Residents can check the Maplewood Township website under the Public Health Division for food safety information or call our office for educational materials.
- CDC estimates that each year roughly:
 - 1 in 6 Americans (or 48 million people) gets sick
 - 128,000 are hospitalized, and
 - 3,000 die of foodborne diseases

Unfortunately most foodborne illnesses are UNDERREPORTED which means that those that have submitted samples for testing or seen a healthcare provider are a fraction of the people who have been exposed to contaminated food, every year.

Lastly, healthcare providers are required to report a foodborne illness to the health department immediately, or within 24 hours. A list of reportable diseases to the state and local health departments can be found on our website as well.

Just to give some context:

Month	Year	Number of foodborne cases/ TOTAL
June	2018	1/16
July	2018	3/10
June	2019	4/11
July	2019	7/14

Respectfully submitted,

Candice Davenport, Asst. Health Officer, Public Health Nursing Supervisor/ Health Educator

August 5, 2019



DEPARTMENT OF HEALTH & REHABILITATION
DIVISION OF COMMUNITY HEALTH SERVICES
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East Orange, NJ 07018
Telephone: (973) 395-8455 - Fax (973) 395-8437
www.essexcountynj.org

Joseph N. DiVincenzo, Jr.
Essex County Executive

Eileen Fishman
Division Acting Director

August 15, 2019

The Honorable Victor DeLuca
Township of Maplewood
574 Valley Street
Maplewood, NJ 07040

Re: Approval of SFY 2020 Municipal Alliance Grant

Dear Mayor Victor DeLuca:

We are pleased to inform you that Essex County has approved a grant award from the Governor's Council on Alcoholism and Drug Abuse to the Township of Maplewood for your Municipal Alliance program.

The grant award period begins July 1, 2019 and shall terminate June 30, 2020. The amount of the award is \$27,423.00

We look forward to continuing our working relationship with your township in our efforts to educate and prevent substance abuse through the county and state.

Very truly yours,

Eileen Fishman, Acting Director

Cc: Mr. Robert Roe, Municipal Alliance Coordinator

PUTTING ESSEX COUNTY FIRST

ESSEX COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER

MAPLEWOOD HEALTH DEPARTMENT
MONTHLY REPORT
July 2019

Board Members:

I hereby submit the report of the activities of the Maplewood Health Department for the month of July 2019.

<u>Vital Statistics</u>	<u>Month</u>	<u>Year-to-date</u>
1. Births reports received for Maplewood mothers	*	*
2. Home Births	00	00
3. Deaths of Mplwd residents	11	68
4. Marriage applications	13	66
5. Marriages Performed in Mplwd	14	49
6. Civil Union applications	00	00
7. Civil Unions performed in Mplwd	00	00

* Due to a change in NJ electronic birth certificate procedures, this will be updated as soon as info received from NJSDH. **Latest data: 2017 births: 275** .

Communicable Disease

14 cases reported and investigated. 8 Confirmed: 2 Cyclosporiasis, 1 varicella, 1 acute viral hepatitis-A, 1 chronic hepatitis-B, 2 Shigellosis, 1 Campylobacter.

0 Tuberculosis contact being followed at this time at State Health Clinic in Newark.
3 perinatal infant viral hepatitis B being followed.

13 childhood lead poisoning cases being followed by East Orange Health Dept. in 11 locations. (New standard: blood lead 5ug.)

Adult Health

The Adult Health program held 6 sessions this month. 43 patients were seen with 23 new patients seen. Clinic held at Town Hall and Hilton Library following ESL class, and Senior Building on Irvington Ave.,

Health Education and Meetings: : 7/4 Blood donations (14), 7/9 Horizon health van at Senior Building, 7/23 Overlook Healthy Avenues van (glucose and cholesterol- 17 persons.) . Municipal Alliance grant year-end report. (136 pages).

Web Site: Overlook van- 646 reached, Sustainable NJ rewrite updates,

Summer Meals Program: Breakfast and lunch 5 days per week starting on July 15.

Sanitation:

86 complaints involving public health matters investigated. (64 initial field inspections, 27 follow up field inspections, 22 handled from office). 17 food business, 2 festivals (35 vendors), 1 child care, 1 pool. 8 Summonses issued (debris, garbage, dog license).

Receipts:

Receipts for the month:	<u>July 2019</u>	Year to date
Food Licenses	\$ 500	\$ 10,475
Child Care	000	1,500
Massage	000 00	400
Municipal Alliance	000.00	000.00
Public Pools	150	600
Flu Shots	000.00	000.00
Kennel License	00.00	00.00
Misc.	000.00	000.00
Chickens	00.00	00.00
Maplewood Loves Wellness	0,000.00	0,000.00
Donation Animal Control	000	000

Dog License: (665-675) (Total for 2018-- 684 dog licenses)

Cat License: (0 for month, 110 for year) (Total for 2018-- 117 cat licenses)

Note: Beginning in October 2019 the department began issuing 2020 pet licenses.

Robert D. Roe
Health Officer