



**Needham Public
Health Division**
Prevent. Promote. Protect.



Board of Health

REVISED AGENDA

August 8, 2025
9:00 – 11:00 a.m.

Select Board Chambers, Needham Town Hall
1471 Highland Avenue
Needham, MA 02492

Webinar ID: 824 3379 5211

Passcode: 877126

<https://needham-k12-ma-us.zoom.us/j/82433795211?pwd=90a5J1dqhhmtf5va71XUkvngyTHB2S.1>

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This is a public meeting of the Needham Board of Health. The meeting is open to the public both in person and via Zoom. Residents are invited to provide comment during the public comment period (if set forth below) and for any item explicitly listed as a public hearing. Public comment is not available during other agenda items.

www.needhamma.gov/health

	9:00	Welcome & Public Comment Period Attendees are encouraged to inform the Needham Public Health Division of their intent to participate in the public comment period in advance via email (healthdepartment@needhamma.gov), telephone (781) 455-7940, or in person by the end of the business day prior to the meeting. The Chair will first recognize those who have communicated in advance their desire to speak for up to three minutes. If time allows, others wishing to speak will be recognized in an order determined by the Chair for up to three minutes.
1.	9:05	Review & Approval of Minutes – June 20, 2025 – <i>Vote Expected</i>
2.	9:10	<i>Public Hearing</i> – Article 1: Regulation Affecting Smoking and the Sales and Distribution of Tobacco Products in Needham – <i>Vote Expected</i> • Karen Shannon, Substance Use Program Coordinator • Tara Gurge, Assistant Director of Public Health • Sai Palani, Environmental Health Agent
3.	9:30	Synthetic Turf Re-testing – Results and Discussion • Tara Gurge, Assistant Director of Public Health • Evan Koncewicz, Environmental Geologist, Fuss & O'Neill • Neal Kelly, Licensed Site Professional, Fuss & O'Neill
4.	9:45	Respiratory Vaccine Recommendations for 2025 – 2026 Season – <i>Vote Expected</i> • Ginnie Chacon-Lopez, Needham Public Health Nurse • Jenn Gangadharan, SSA Public Health Nurse • Julie McCarthy, Epidemiologist
5	10:15	May & June Staff Reports • Environmental Health – Sai Palani & Tara Gurge • Accreditation – Lynn Schoeff & Alison Bodenheimer • Traveling Meals – Rebecca Hall

		• Regional Substance Use – Carol Read & Lydia Cunningham • Substance Use Prevention: Needham – Karen Shannon, Karen Mullen, Monica DeWinter, Angi MacDonnell, Vanessa Wronski • Public Health Preparedness –Taleb Abdelrahim • Epidemiology – Julie McCarthy • Nursing – Ginnie Chacon-Lopez & Hanna Burnett • Public Health Excellence – Kerry Dunnell
5.	10:55	Other Items

(Please note that all times are approximate)

Next Meeting – September 19, 2025 – Select Board Chambers – Needham Town Hall



Board of Health Meeting Minutes DRAFT

Date: June 20, 2025

Location: Public Service Administration Building and via Zoom

Members: Tejal K. Gandhi, MD, MPH; Stephen Epstein, MD, MPP, Member; Edward Cosgrove, PhD (Chair); Aarti Sawant-Basak, PhD, Member (Vice Chair)

Staff Present: Timothy Muir McDonald, Director of Health, and Human Services; Tara Gurge, Assistant Director of Public Health; Sai Palani; Ginnie Chacon-Lopez; Julie McCarthy; Karen Shannon; Carol Read

Welcome & Public Comment Period

Dr. Cosgrove called the meeting to order at 9:00AM.

Dr. Epstein suggested that the public comment period be restricted to residents of Needham. Mr. McDonald stated that he would run this by Town Counsel.

According to Chapter 107 of the Acts of 2022, as an act relative to extending certain states of emergency accommodations, as passed by the General Court, and signed into law by Acting Governor Karyn Polito, on July 16, 2022, revised Section 20 of Chapter 20, the Acts of 2021. In so doing, provided modifications to the Massachusetts Open Meeting Law, which allow for flexibility to hold remote only, and hybrid meetings, while preserving public access and, where appropriate, public participation.

Review of minutes – May 20, 2025

Upon motion duly made by Dr. Epstein, and seconded by Dr. Sawant-Basak, it was voted to approve the meeting minutes May 20, 2025, as presented. Motion passed 3-0.

Synthetic Turf Re-testing – Results and Discussion

Evan Koncewicz, Environmental Geologist, and Neal Kelly, Licensed Site Professional, with Fuss & O'Neill, reviewed the recent sampling of crumb rubber on three turf fields in Needham. The company reviewed three categories of compounds: volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals. Arsenic concentrations were not detected above laboratory reporting limits but were above risk-based standards. Zinc concentrations were detected above laboratory reporting limits, generally around risk-based standards.

The Board asked for some specific details to be shared by Fuss & O'Neill at an upcoming meeting.

Nicotine Pouches – PUBLIC HEARING & BOARD VOTE

Dr. Cosgrove opened the public hearing at 9:32am.

Karen Shannon stated that in December 2024, the Board voted in favor of adopting the Nicotine Free Generation policy. Article 1, the tobacco sales regulation, allowed the sale of nicotine patches in adult-only retail establishments.

In May the Board agreed to limit the dosage of nicotine pouch products to 6 milligrams and that pouches should be evaluated to confirm that they are unflavored prior to retail sale. Ms. Shannon asked the Board to further restrict the sale of nicotine pouches to adult-only stores to limit youth exposure.

Nicotine pouches are not on the list of cessation tools approved by the FDA. Ms. Shannon spoke about tobacco and nicotine producers' intention to increase the sales of smoke-free products, including nicotine pouches. The tobacco industry has added flavor to nicotine pouches with the intention of capturing young people as customers.

At least nine communities in Massachusetts are using the adult-only retail store language in their tobacco regulations to restrict the sale of nicotine pouches. The Board has an opportunity to, once again, be among the leaders who restrict the sale of nicotine pouches.

Cheryl Sbarra, Executive Director and Senior Staff Attorney for the Massachusetts Association of Health Boards, reminded the Board that combustible products are the only consumer products that, when used as directed, cause death. Nicotine pouches are concerning due to evidence that young people are using them and that the sales of these products have increased substantially. Youth are using nicotine pouches because they can be used very discreetly. Data from last year show that these products have become the second most popular tobacco nicotine product used by youth. Recent flavor tests on nicotine pouches have found that the majority are marketed and labeled as unflavored but actually smell very minty. More testing and studies are being carried out on the pouches, but it is already known that youth use of nicotine in any form is not safe. There is also concern that youth are using more than one pouch at a time. Ms. Sbarra stated that she does not believe limiting the amount or allowing nicotine pouches in adult retail tobacco stores only will stop adults from purchasing these products.

Peter Brennan, Executive Director of New England Convenience Store and Energy Marketers, stated that he opposes any criminalization and/or restriction on legal tobacco products that are used by adults. There is evidence that adults are using these products as a less harmful form of nicotine to quit the more harmful forms of nicotine, such as chewing tobacco or combustible cigarettes. This proposal would be a disservice to those looking to switch to a less harmful product. Regarding the flavor issue, DPH runs tests and lists some items as certified non-flavored. The flavor issue has been a waste of resources and has only enriched New Hampshire. Smoking rates are still the same and menthol smoking rates are still the same. This has significantly impacted Massachusetts retailers. It does nothing to impact youth usage as youth

are getting these products on the black market or online. Needham does seem to need to do more to protect youth, but tobacco usage is not a primary concern.

Dr. Epstein asked for data to back up the assertions made by Mr. Brennan. Mr. Brennan stated that he would send over this information.

Ken Elstein, Board of Health for Belchertown MA, stated that 18 months ago the Town of Belchertown, after considering the option of a 6-milligrams restriction, voted to restrict the sale of nicotine pouches to adult-only stores. As the Town does not have any adult-only stores, this was essentially a total ban. The reasoning for this was that a 6-milligram ban does not prevent people from placing a pouch in each cheek. Mr. Elstein also said that there is anecdotal evidence that some youth swallow the pouches. Merchants have told his board that they trust wholesalers to only send legal, unflavored items, but this is not the case. The Belchertown Health Director told Mr. Elstein that they have only received one complaint in the past 18 months that the pouches could not be obtained in Belchertown. He encouraged the Board to restrict nicotine pouches entirely.

Lydia Cunningham stated that nicotine pouches are discreet, convenient, affordable, and often contain high amounts of nicotine or can be used in multiples at a time. Manufacturers of these products are targeting consumers through rewards programs, marketing related to hip hop culture, celebrities, music, and influencers. All of which makes them attractive to young people. There is statewide data that the sale of these products has drastically increased over the past few years and current use among Massachusetts high school students tripled from 2019 to 2023. She reviewed the 2023 MetroWest Adolescent Health Survey report for Needham High School which found that Needham's youth use mirror the data statewide.

Kalina Mihova, a senior at Needham High School and student leader at SALSA, expressed concern about a rise in the use of nicotine patches, among teens in Needham. These products are being marketed as safer alternatives to smoking but they still contain high levels of nicotine and harmful chemicals. Companies are using ads and packaging that directly target youth. According to the 2023 MetroWest Adolescent Health Survey approximately 3.3% of Needham High students are using nicotine pouches. Ms. Mihova asked the Board to consider limiting or prohibiting the sale of nicotine pouches in Needham.

Isabel Tashie, a rising senior at Needham High School, stated that a 2021 study found that purchasing tobacco was the primary motivation for store visits for only 3% of consumers and that restricting the retail availability of tobacco would be unlikely to have a pronounced negative impact on small retail stores. The industry's marketing strategy revolves around addicting young adults and children who then continue buying the products well into adulthood. Ms. Tashie stated that she has seen ZYN pouches in the middle school bathroom.

Dr. Epstein asked where students are getting these products from. Ms. Tashie stated that she believes it is mostly from older siblings or those with fake IDs.

Zendilli Depina, MA Department of Public Health Senior Tobacco Prevention Program Specialist, stated that she attended Needham public schools and has worked alongside Ms.

Sbarra. They have been reviewing nicotine pouches by sniffing and tasting them to determine whether or not they were flavored. She stated that she was attending public schools when JUUL came out and saw first-hand how the addiction affected her friends. Banning nicotine pouches to adult-only stores would only impact youth, preventing them from being able to access these products.

Mr. McDonald suggested that restrictions on nicotine pouches could have a more apt comparison to the choice made by public health departments and eventually the Commonwealth to restrict caffeinated alcohol beverage. This was not a prohibition on alcohol but a restriction on a particular type of delivery method that was determined to be dangerous. Restrictions on nicotine patches would have a more apt comparison to that than the prohibition on alcohol.

Dr. Epstein stated that it appears companies are inserting cooling agents into the pouches, so the practical effect is that there is no product on the market right now which is acceptable for sale in Needham. The Board should discuss if, from an enforcement standpoint, it should allow these products to be sold in retail outlets or not. Mr. Palani stated that a vast majority are flavored, though the manufacturers market them as non-flavored. Dr. Epstein suggested that Needham could ban products with flavoring and cooling agents. It would likely make sense to move towards allowing these products in adult-only stores at this time.

Mr. McDonald noted that there is a lot of staff time that would have to go into enforcement for these products. Dr. Gandhi agreed that moving toward allowing the products in adult-only stores would make enforcement more practical. Mr. McDonald noted that the agenda only mentioned restricting the nicotine content. A new agenda topic may be needed if the Board wants to discuss prohibition outside of adult-only stores.

Dr. Cosgrove continued this hearing to the next Board of Health meeting for further discussion.

Mental Health Resources & SWAC Report on Social Media in Schools

Sara Shine, Director of Needham Youth & Family Services (Y&FS), stated that youth mental health issues have increased in Needham. Y&FS provides services to address mental health issues including analyzing data, implementing programming, and providing clinical services. Ms. Shine reviewed recent programs and initiatives and would like to discuss cell phone use and guidance that the Y&FS is trying to coordinate with community members. The Attorney General recently released a toolkit for school leaders and communities regarding cell phone and social media use. The Student Wellness Advisory Committee presented a report to the School Board regarding how schools are going to address cell phone usage. There is a correlation between cell phone use and mental health, in addition to the impact it has on learning. She is looking to organize a group of community members to develop guidance on this topic and potential restrictions.

The Board agreed to take this information into consideration and get back to Ms. Shine with more information.

Proposed New Fee Schedule – BOARD VOTE

Mr. McDonald reviewed the proposed fee schedule with the Board.

Upon motion duly made by Dr. Epstein, and seconded by Dr. Sawant-Basak, it was voted to approve the proposed fee schedule, as revised. Roll Call Vote: Epstein – aye; Cosgrove – aye; Gandhi – aye; and Sawant-Basak – aye; Motion passed 4-0.

May Staff Reports

The Board tabled presentation of the staff reports to a future meeting.

Feedback to Select Board about FY26 Goals and Beyond

Mr. McDonald suggested an additional goal related to community nutrition and food insecurity, especially amongst seniors. Dr. Epstein noted that he would like to see a goal addressing substance use prevention included. Mr. McDonald asked that any additional proposed items should be sent to him.

Other Items

- Next Meeting Date, Location & Time

The Board agreed to hold its next meeting on August 8, 2025, at 9am in the Charles River Room – Public Safety Administration Building

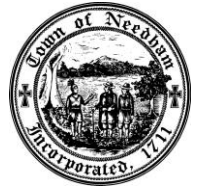
Adjournment

Upon motion duly made by Dr. Epstein, and seconded by Dr. Sawant-Basak, it was voted to adjourn the meeting. Roll Call Vote: Epstein – aye; Cosgrove – aye; Gandhi – aye; and Sawant-Basak – aye; Motion passed 4-0.

The meeting was adjourned at 10:57AM.

Attachment:

June 20, 2025, meeting packet



Board of Health Town of Needham AGENDA FACT SHEET

MEETING DATE: August 8, 2025

Agenda Item	Continuation of Nicotine Pouches Hearing
Presenter(s)	• Karen Shannon, Substance Use Program Coordinator • Tara Gurge, Assistant Director of Public Health • Sai Palani, Environmental Health Agent

1.	BRIEF DESCRIPTION OF TOPIC TO BE DISCUSSED
Review of: Draft changes to Board of Health Article 1, Regulation Affecting Smoking and the Sale and Distribution of Tobacco Products in Needham , and language that pertains to the sale of nicotine pouches.	
2.	VOTE REQUIRED BY BOARD OF HEALTH
Suggested Motion: That the Board of Health [close] the hearing and adopt the proposed amendments to Article 1 as presented in the Board's meeting packet, posted online, and discussed this morning.	
3.	BACK UP INFORMATION:
1. Draft changes to Article 1: Section G 2. NPHD Memo – Flavored Tobacco Product Testing 6.10.25 3. Nicotine Pouches, Cheryl Sbarra MAHB Presentation 4. CDC Foundation Brief of Nicotine Pouches – MA only and National	



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Edward Cosgrove, PhD Stephen Epstein, MD, MPP Tejal K. Gandhi, MD, MPH

Robert Partridge, MD, MPH Aarti Sawant-Basak, PhD

ARTICLE 1

Regulation Affecting Smoking and the Sale and Distribution of Tobacco Products in Needham

A. Statement of Purpose:

Whereas, there exists conclusive evidence that tobacco smoking causes cancer, respiratory and cardiac diseases, negative birth outcomes, irritations to the eyes, nose and throat;¹

Whereas, the U.S. Department of Health and Human Services has concluded that nicotine is as addictive as cocaine or heroin² and the Surgeon General found that nicotine exposure during adolescence, a critical window for brain development, may have lasting adverse consequences for brain development,³ and that it is addiction to nicotine that keeps youth smoking past adolescence;⁴

Whereas, a Federal District Court found that Phillip Morris, RJ Reynolds and other leading cigarette manufacturers “spent billions of dollars every year on their marketing activities in order to encourage young people to try and then continue purchasing their cigarette products in order to provide the replacement smokers they need to survive” and that these companies were likely to continue targeting underage smokers;⁵

¹ U.S. Center for Disease Control and Prevention (CDC), *Health Effects of Cigarette Smoking Fact Sheet* (2021), https://www.cdc.gov/tobacco/data_statistics/fact_sheets/health_effects/effects_cig_smoking/index.htm.

² CDC, *How Tobacco Smoke Causes Disease: The Biology and Behavioral Basis for Smoking-Attributable Disease*, (2010), http://www.cdc.gov/tobacco/data_statistics/sgr/2010/.

³ U.S. Dep’t of Health and Hum. Servs., *The Health Consequences of Smoking – 50 Years of Progress: A Report of the Surgeon General* at 122 (2014), <http://www.surgeongeneral.gov/library/reports/50-years-of-progress/full-report.pdf>.

⁴ *Id.*, at 13 (Executive Summary).

⁵ *United States v. Phillip Morris*, 449 F.Supp.2d 1, 1605-07 (D.D.C. 2006).

Whereas, the majority (90%) of smokers begin smoking before the age of 25, and over 5 million youth and young adults (ages 25 and under) smoke;⁶

Whereas, cigars and cigarillos, can be sold in a single “dose;” and enjoy a relatively low tax as compared to cigarettes;⁷

Whereas, spitless tobacco sales have increased from 100,000 units a year in 2018 to over 700,000 units a year by 2023;⁸

Whereas, nicotine use in any form during adolescence can cause addiction and can harm parts of the brain that control attention, learning, memory, mood, and impulse control. Nicotine use may also increase adolescents’ risk of future addiction to other drugs;⁹

Whereas more than 90 percent of all adult smokers begin smoking before the age of 18. In 2023, 22.2% of U.S. middle and high school students reported ever using any tobacco product, corresponding to 6.21 million persons, and 10% or 2.8 million middle and high school students reported current tobacco use;¹⁰

According to the 2021 National Youth Tobacco Survey (NYTS), 17.1% of current youth smokers reported directly purchasing cigarettes from a gas station or convenience store and 7.0% reported directly purchasing cigarettes from a vape shop or tobacco shop;¹¹

Whereas the Institute of Medicine (IOM) concludes that raising the minimum age of legal access to tobacco products to 21 will likely reduce tobacco initiation, particularly among adolescents 15 – 17, which would improve health across the lifespan and save lives;¹²

Whereas the 2023 MetroWest Adolescent Health Survey (MHAWS) results show that 2% of Needham high school students used cigarettes on at least one day of the 30 days before the survey, compared with 3% of students in 2021. And whereas the 2023 MetroWest Adolescent Health Survey (MHAWS) results show that 10% of Needham high school students used cigarettes in their lifetime, compared with 9% of students in 2021;

⁶ Center for Behavioral Health Statistics and Quality, Substance Abuse and Mental Health Services Administration, *Key substance use and mental health indicators in the United States: Results from the 2020 National Survey on Drug Use and Health* (HHS Publication No. PEP21-07-01-003, NSDUH Series H-56) (2021) (Retrieved from <https://www.samhsa.gov/data/>).

⁷ CDC, *Youth Risk Behavior, Surveillance Summaries* (MMWR 2010; 59, 12, note 5) (2009) (Retrieved from: <http://www.cdc.gov/mmwr/pdf/ss/ss5905.pdf>).

⁸ Massachusetts Dept. of Public Health, *Updated Presentation: Monitoring the Impacts of MA Flavored Tobacco Law* (2024).

⁹ Campaign for Tobacco Free Kids, *The Rise of Products Using Synthetic Nicotine* (2021) (<https://assets.tobaccofreekids.org/factsheets/0420.pdf>)

¹⁰ Office on Smoking and Health, National Center for Chronic Disease Prevention and Health Promotion, CDC; ²Center for Tobacco Products, Food and Drug Administration, Silver Spring, Maryland.

¹¹ 2021 National Youth Survey, <https://www.cdc.gov/mmwr/volumes/71/ss/ss7105a1.htm>

¹² IOM (Institute of Medicine) 2015. *Public Health Implications of Raising the Minimum Age of Legal Access to Tobacco Products*. Washington DC: The National Academies Press, 2015.

Whereas, data from the 2023 MetroWest Adolescent Health Survey shows 9.6% of Needham High School students and 11.1% of high school students from 24 communities in the Metro West Region used any nicotine products in the past 30 days (cigarettes, smokeless tobacco, cigars, pouches, gum or electronic vapor products);

Whereas use of e-cigarettes among students in Massachusetts is 16%, representing a decrease of 1.5% for highschoolers between 2021 and 2023. Middle school 30-day use remained the same at 4.9 between 2021 and 2023;¹³

Whereas 16% of Massachusetts youth currently use e-cigarettes and 30.4% have tried them¹⁴ and in Needham 8.6% of Needham high school students currently use e-cigarettes and 17% of those students have tried e-cigarettes once in their lifetime, according to the 2023 MetroWest Adolescent Health Survey (MWAHS);¹⁵

Whereas, spitless tobacco, in particular nicotine salt packages, provides a discrete, cheap nicotine delivery system;¹⁶

Whereas, the Surgeon General found that exposure to tobacco marketing in stores and price discounting increase youth smoking;¹⁷

Whereas, the U.S. Food and Drug Administration and the U.S. Surgeon General have stated that flavored tobacco products are “starter” products that help establish smoking habits that can lead to long-term addiction;¹⁸

Whereas, the U.S. Surgeon General recognized in his 2014 report that a complementary strategy to assist in eradicating tobacco-related death and disease is for local governments to ban categories of products from retail sale;¹⁹

Whereas, the Massachusetts Department of Environmental Protection has classified liquid nicotine in any amount as an “acutely hazardous waste”;²⁰

Whereas, research indicates that the density and proximity of tobacco retailers increase smoking behaviors, including number of cigarettes smoked per day, reduced smoking abstinence during a quit attempt, and increased smoking prevalence among youth;²¹

¹³ Massachusetts Department of Public Health, Massachusetts Youth Health Survey (MYHS) 2023

¹⁴ Massachusetts Department of Public Health, 2023 Massachusetts Youth Health Survey (MYHS)

¹⁵ MetroWest Adolescent Health Survey: Needham High School Reports 2023

¹⁶ Ibid.

¹⁷ U.S. Dep’t of Health and Human Servs., *Preventing Tobacco Use Among Youth and Young Adults: A Report of the Surgeon General* 508, 530 (2012) (www.surgeongeneral.gov/library/reports/preventing-youth-tobacco-use/full-report.pdf).

¹⁸ Food and Drug Administration, *Fact Sheet: Flavored Tobacco Products* (2011), www.fda.gov/downloads/TobaccoProducts/ProtectingKidsfromTobacco/FlavoredTobacco/UCM183214.pdf; U.S. Dep’t of Health and Human Services, *Preventing Tobacco Use Among Youth and Young Adults: A Report of the Surgeon General*, 508, 539 (2012) (www.surgeongeneral.gov/library/reports/preventing-youth-tobacco-use/full-report.pdf).

¹⁹ See fn. 3 at p. 85.

²⁰ 310 CMR 30.136

²¹ Ying-Chih Chuang et al., *Effects of neighbourhood socioeconomic status and convenience store concentration on individual level smoking*, 59(7) J. Epidemiol. Cmty Health 568 (2005) (doi: 10.1136/jech.2004.029041); Shelley D. Golden et al., *County-level associations between tobacco retailer density and smoking prevalence in the USA, 2012*, 17 (101005) Prev. Med. Rep. (Mar. 2020)

Whereas, the density of tobacco retailers near adolescents' homes has been associated with increased youth smoking rates and initiation of non-cigarette tobacco product use;²²

Whereas, tobacco retailers are more prevalent in underserved communities, especially in neighborhoods with a higher proportion of African American or Hispanic residents;²³

Whereas, policies to reduce tobacco retailer density have been shown to be effective and can reduce or eliminate social and racial inequities in the location and distribution of tobacco retailers;²⁴

Whereas, the Massachusetts Supreme Judicial Court has held that "... [t]he right to engage in business must yield to the paramount right of government to protect the public health by any rational means."²⁵

Now, therefore it is the intention of the Needham Board of Health to regulate the sale of tobacco products.

B. Authority:

This regulation is promulgated pursuant to the authority granted to the Needham Board of Health by Massachusetts General Laws Chapter 111, Section 31 which states that "Boards of health may make reasonable health regulations".

C. Definitions:

For the purpose of this regulation, the following words shall have the following meanings:

(doi: 10.1016/j.pmedr.2019.101005); Eric C. Leas et al., *Place-Based Inequity in Smoking Prevalence in the Largest Cities in the United States*, 179(3) JAMA Intern Med., 442 (2019) (doi: 10.1001/jamainternmed.2018.5990); JG Lee et al., *Associations of tobacco retailer density and proximity with adult tobacco use behaviors and health outcomes: a meta-analysis*. Tobacco Control. Published Online First: 03 September 2021; LR Reitzel et al., *The effect of tobacco outlet density and proximity on smoking cessation*. American Journal of Public Health. 2011, 101(2):315-320; L Henriksen et al., *Is adolescent smoking related to the density and proximity of tobacco retailers and retail cigarette advertising near schools?* Preventive Medicine. 2008, 47(2): 210-4.

²² LJ Finan et al., *Tobacco Outlet Density and Adolescents' Cigarette Smoking: A Meta-Analysis*, 28(1) Tob Control. 27 (2019) (doi: 10.1136/tobaccocontrol-2017-054065); Abdel Magid HS et al., *Tobacco Retail Density and Initiation of Alternative Tobacco Product Use Among Teens*, 66(4) J. Adolescent Health 423 (2020) (doi: 10.1016/j.jadohealth.2019.09.004).

²³ Siahpush M. et al., *Association of availability of tobacco products with socio-economic and racial/ethnic characteristics of neighbourhoods*, 124(9) Pub. Health 525 (2010) (doi: 10.1016/j.puhe.2010.04.010); Lee JG, et al., *Inequalities in tobacco outlet density by race, ethnicity and socioeconomic status, 2012, USA: results from the ASPIRE Study*, 71(5) J. Epidemiol Cmty Health 487 (2017) (doi: 10.1136/jech-2016-208475); D.O. Fakunle et al., *Black, White, or Green? The Effects of Racial Composition and Socioeconomic Status on Neighborhood-Level Tobacco Outlet Density*, Ethn Health. 1 (2019) (doi: 10.1080/13557858.2019.1620178).

²⁴ Ribisl KM, et al., *Reducing Disparities in Tobacco Retailer Density by Banning Tobacco Product Sales Near Schools*, 19(2) Nicotine Tobacco Res. 239 (2017) (doi: 10.1093/ntr/ntw185); HG, Henry et al., *Tobacco Retail Licensing and Density 3 Years After License Regulations in Philadelphia, Pennsylvania (2012-2019)*, 110 (4) Am J. Pub. Health 547 (2020) (doi: 10.2105/AJPH.2019.305512); A.E. Myers et al., *A comparison of three policy approaches for tobacco retailer reduction*, 74 Prev. Med. 67(2015) (doi: 10.1016/j.ypmed.2015.01.025).

²⁵ *Druzik et al v. Board of Health of Haverhill*, 324 Mass. 129 (1949).

Adult-Only Retail Tobacco Store (also known as “Retail Tobacco Store” in G.L. c. 270): An establishment that is not adjoined, that has a separate entrance not used by any other retailer, that does not sell food, beverages or alcohol, that does not have a lottery license, whose only purpose is to sell or offer for retail sale tobacco products and/or tobacco product paraphernalia, in which the entry of persons under the age of 21 is prohibited at all times, and which maintains a valid permit for the retail sale of tobacco products from the Needham Board of Health and applicable state licenses. The entrance to the establishment must be secure so that access to the establishment is restricted to employees and to those 21 years or older. The establishment shall not allow anyone under the age of 21 to work at the establishment. As of the effective date of this regulation, no new adult-only retail tobacco stores shall be located within twenty-five (25) feet of a retailer with a tobacco product sales permit.

Blunt Wrap: Any product made wholly or in part from a tobacco product, manufactured or packaged with loose and removable leaves or section of a leaf, or as a hollow tube, that may be used by the consumer to wrap or contain loose tobacco or other fillers.

Bona Fide Purchaser for Value: A bona fide purchaser is someone who exchanges value for property without any reason to expect irregularities in the transaction.

Business Agent: An individual who has been designated by the owner or operator of any establishment to be the manager or otherwise in charge of said establishment.

Characterizing flavor: A distinguishable taste or aroma, other than the taste or aroma of tobacco, imparted or detectable either prior to or during consumption of a tobacco product or component part thereof, including, but not limited to, tastes or aromas relating to any fruit, chocolate, vanilla, honey, candy, cocoa, dessert, alcoholic beverage, menthol, mint, wintergreen, herb or spice; provided, however, that no tobacco product shall be determined to have a characterizing flavor solely because of the provision of ingredient information or the use of additives or flavorings that do not contribute to the distinguishable taste or aroma of the product.

Child-Resistant Package: Packaging intended to reduce the risk of a child ingesting nicotine and that meets the minimum standards of 16 C.F.R. 1700 *et seq.*, pursuant to 15 U.S.C. 1471 through 1476.

Cigar: Any roll of tobacco that is wrapped in leaf tobacco or in any substance containing tobacco, with or without a tip or mouthpiece, that is in a readily usable state immediately when removed from its packaging without any modification, preparation or assembly required as in a kit or roll-your-own package and is not otherwise defined as a cigarette under G.L. c. 64C, §1, Paragraph 1. Tobacco leaf in kits or roll-your-own packages shall be considered “blunt wraps” for the purpose of this regulation.

Component part: Any element of a tobacco product, including, but not limited to, the tobacco, filter and paper, but not including any constituent.

Constituent: Any ingredient, substance, chemical or compound, other than tobacco, water or reconstituted tobacco sheet, that is added by the manufacturer to a tobacco product during the processing, manufacturing or packaging of the tobacco product.

Coupon: Any card, paper, note, form, statement, ticket or other communication distributed for commercial or promotional purposes to be surrendered to receive an article, service or accommodation without charge or at a discount price.

Distinguishable: Perceivable by either the sense of smell or taste.

Educational Institution: Any public or private college, school, professional school, scientific or technical institution, university or other institution furnishing a program of higher education.

Electronic Nicotine Delivery System: An electronic device, whether for one-time use or reusable, that can be used to deliver nicotine or another substance to a person inhaling from the device including, but not limited to, electronic cigarettes, electronic cigars, electronic cigarillos, electronic pipes, vaping pens, hookah pens and other similar devices that rely on vaporization or aerosolization; provided, however, that “electronic nicotine delivery system” shall also include any noncombustible liquid or gel that is manufactured into a finished product for use in such electronic device; provided further, that “electronic nicotine delivery system” shall also include any component, part or accessory of a device used during the operation of the device even if the part or accessory was sold separately; provided further, that “electronic nicotine delivery system” shall not include a product that has been approved by the United States Food and Drug Administration for the sale of or use as a tobacco cessation product or for other medical purposes and is marketed and sold or prescribed exclusively for that approved purpose.

Employee: Any individual who performs services for an employer.

Employer: Any individual, partnership, association, corporation, trust or other organized group of individuals that uses the services of one (1) or more employees.

Flavored Tobacco Product: Any tobacco product or component part thereof that contains a constituent that has or produces a characterizing flavor. A public statement, claim or indicia made or disseminated by the manufacturer of a tobacco product, or by any person authorized or permitted by the manufacturer to make or disseminate public statements concerning such tobacco product, that such tobacco product has or produces a characterizing flavor shall constitute presumptive evidence that the tobacco product is a Flavored Tobacco Product.

Health Care Institution: An individual, partnership, association, corporation or trust or a person or group of persons who provides health care services and employs health care providers subject to licensing under this chapter; or a retail establishment that sells pharmaceutical goods and services and is subject to regulation by the board of registration in pharmacy. Health care institutions include but are not limited to hospitals, clinics, health centers, pharmacies, drug stores, doctors' offices, and dental offices.

Liquid Nicotine Container: A package:

- (i) from which nicotine in a solution or other form is accessible through normal and foreseeable use by a consumer; and
- (ii) that is used to hold a soluble nicotine in any concentration; provided however, that "liquid nicotine container" shall not include a sealed, prefilled and disposable container of nicotine in a solution or other form in which the container is inserted directly into an electronic cigarette, electronic nicotine delivery system or other similar product if the nicotine or other substance in the container is inaccessible through customary or reasonably foreseeable handling or use, including reasonably foreseeable ingestion or other contact by children.

Listed or non-discounted price: The higher of the price listed for a tobacco product on its package or the price listed on any related shelving, posting, advertising or display at the place where the tobacco product is sold or offered for sale plus all applicable taxes if such taxes are not included in the state price, and before the application of any discounts or coupons.

Manufacturer Documentation: A written document from a manufacturer that certifies which of each of its products is not flavored, as defined under Massachusetts law and these regulations. Manufacturer Documentation shall also mean a written document from a manufacturer that certifies the nicotine content expressed as milligrams per milliliter for each of its Electronic Nicotine Delivery System products. A manufacturer documentation must:

1. Be written by the manufacturer of the product(s).
2. Certify that the product(s) listed in the documentation are neither flavored nor have a characterizing flavor as defined by 105 CMR 665.005.
3. Include an attestation clause indicating that the "letter is true and accurate."
4. State that the "manufacturer will immediately provide an updated letter to correct any inaccuracy."
5. State that the person signing the letter "is authorized on behalf of the manufacturer to sign the letter."

6. Contain a signature of the manufacturer's corporate officer or an owner; and
7. For any Electronic Nicotine Delivery System product, certify that it does not have a nicotine content greater than 35 milligrams per milliliter. The content amount must be in "milligrams per milliliter." If the nicotine content is documented in a separate letter, the above-listed requirements must be included in that separate letter.

Note that a Manufacturer's Documentation IS NOT conclusive evidence that a product is unflavored. A board of health may conduct a smell/taste test to determine if a manufacturer's documentation misrepresents whether a product is flavored.

Non-Residential Roll-Your-Own (RYO) Machine: A mechanical device made available for use (including to an individual who produces cigars, cigarettes, smokeless tobacco, pipe tobacco, or roll-your-own tobacco solely for the individual's own personal consumption or use) that is capable of making cigarettes, cigars or other tobacco products. RYO machines located in private homes used for solely personal consumption are not Non-Residential RYO machines.

Oral Nicotine Pouches: Pre-portioned pouches containing nicotine and other ingredients, intended to be used between the cheek and gum to deliver nicotine.

Permit Holder: Any retailer engaged in the sale or distribution of tobacco products who applies for and receives a tobacco product sales permit or any person who is required to apply for a Tobacco Product Sales Permit pursuant to these regulations, or their business agent.

Retailer: Any person, firm, partnership, association, corporation, company or organization of any kind, including but not limited to, an owner, operator, manager, proprietor or person in charge of any establishment, business or retail store.

Retail Establishment: A physical place of business or a section of a physical place of business in which a tobacco product is offered for sale to consumers.

Rolling Papers: Sheets, rolls, tubes, cones or leaves, that do not contain tobacco, which are used for rolling cigarettes either by hand or with a roll-your-own machine.

Self-Service Display: Any display including an unlocked humidor regardless of size from which customers may select a tobacco product, as defined herein, without assistance from an employee or store personnel.

Schools: Public or private elementary or secondary schools.

Smoking Bar: An establishment that: (i) exclusively occupies an enclosed indoor space and is primarily engaged in the retail sale of tobacco products for consumption by customers on the premises; (ii) derives revenue from the sale of food, alcohol or other beverages that is incidental to the sale of a tobacco product and prohibits entry to a person under 21 years of age; (iii) prohibits a food or beverage not sold directly by the establishment from being consumed on the premises; (iv) maintains a valid permit for the retail sale of a tobacco product as required to be issued by the Town of Needham; and (v) maintains a valid license issued by the department of revenue to operate as a smoking bar. "Smoking bar" shall include, but not be limited to, those establishments that are commonly known as "cigar bars", "hookah-bars" and "vape bars."

Tobacco Product Flavor Enhancer: Any product designed, manufactured, produced, marketed or sold to produce a characterizing flavor when added to any tobacco product. A rolling paper with a characterizing flavor shall be considered a Tobacco Product Flavor Enhancer.

Tobacco Product: A product containing or made or derived from tobacco or nicotine that is intended for human consumption, whether smoked, chewed, absorbed, dissolved, inhaled, snorted, sniffed or ingested by any other means including, but not limited to, cigarettes, cigars, little cigars, chewing tobacco, pipe tobacco, snuff, electronic cigarettes, electronic cigars, electronic pipes, electronic nicotine delivery systems or any other similar products that rely on vaporization or aerosolization regardless of nicotine content in the product; provided, however, that "tobacco product" shall also include any component, part or accessory of a tobacco product; and provided further, that "tobacco product" shall not include a product that has been approved by the United States Food and Drug Administration for the sale of or use as a tobacco cessation product or for other medical purposes and is marketed and sold or prescribed exclusively for the approved purpose.

Vending Machine: Any automated or mechanical self-service device, which upon insertion of money, tokens or any other form of payment, dispenses or makes cigarettes or any other tobacco products, as defined herein.

Workplace: Any enclosed area of a structure, indoor area, facility or a portion thereof at which one (1) or more employees perform services for their employer (including the personal residence of the employer during those hours when used as a place of employment); other enclosed spaces rented to or otherwise used by the public; and where the employer has the right or authority to exercise control over the space. It also includes motor vehicles, employee lounges, restrooms, conference rooms, hallways, stairways and entrance ways, as well as exterior, unenclosed spaces at stairs, ramps, landings, patios, porches, decks, adjacent yards, loading docks and other areas within

twenty (20) feet of the entrance doors or other areas where smoke would migrate into the enclosed area of a structure.

D. No Tobacco Sales to Persons Born on or after January 1, 2004

1. No person shall sell or provide a tobacco product to a person born on or after January 1, 2004.

2. Required Signage:

All retail establishments, including adult-only retail tobacco stores, shall conspicuously post signage, made available from the Needham Board of Health. Such signage shall include: (i) referral information for smoking cessation resources; (ii) a statement that sale of tobacco products, including e-cigarettes, to a person born on or after January 1, 2004 is prohibited; (iii) health warnings associated with using electronic nicotine delivery systems; and (iv) except in the case of smoking bars, notice to consumers that the sale of flavored tobacco products are prohibited at all times. Such signage shall be posted conspicuously in the retail establishment or other place in such a manner so that it may be readily seen by a person standing at or approaching the cash register. The notice shall directly face the purchaser and shall not be obstructed from view or placed at a height of less than four feet or greater than nine feet from the floor. The signage may be in a form developed and made available by the Massachusetts Department of Public Health.

3. Identification:

Each person selling or distributing tobacco products shall first verify the age of **every** purchaser of tobacco products by means of a valid government-issued photographic identification containing the bearer's date of birth that the purchaser is born before January 1, 2004.

E. Tobacco Product Sales Permit:

1. No person shall sell or otherwise distribute tobacco products, as defined herein, within the town of Needham without first obtaining a Tobacco Product Sales Permit issued annually by the Needham Board of Health. Only owners of establishments with a permanent, indoor, non-mobile location in Needham are eligible to apply for a permit and sell tobacco products, as defined herein, at the specified location in Needham.

2. As part of the Tobacco Product Sales Permit application process, the applicant will be provided with the Needham regulation. Each applicant is required to sign a statement declaring that the applicant has read said regulation and that the applicant is responsible for instructing all employees who will be responsible for tobacco product sales regarding federal, state and local laws regarding the sale of tobacco and this regulation.

3. Each applicant who sells tobacco products is required to provide proof of a current Tobacco Retailer License issued by the Massachusetts Department of Revenue, when required by state law, before a Tobacco Product Sales Permit can be issued. Applicant may be asked to provide evidence that a legitimate business transfer or business purchase has taken place.

4. A separate permit, displayed conspicuously, is required for each retail establishment selling tobacco products, as defined herein. The fee for which shall be determined by the Needham Board of Health annually. All required Massachusetts Department of Revenue licenses related to the sale of tobacco products, as defined herein, must also be displayed conspicuously at the retail establishment.

5. As a condition for obtaining and/or renewing a Tobacco Sales Permit, the Needham Board of Health may require tobacco retailers and any employee involved in the sale of tobacco products to participate in training programs provided by, or approved by, the Board regarding compliance with the laws and regulations prohibiting the sale of tobacco products to persons born on or after January 1, 2004.

6. No Tobacco Sales Permit holder shall allow any employee to sell cigarettes or other tobacco products until such employee reads this regulation and state laws regarding the sale of tobacco products and signs a statement, a copy of which will be placed on file in the office of the employer, that the employee has read and understands the regulation and applicable state laws.

7. Issuance of a Tobacco Product Sales Permit shall be conditioned on an applicant's consent to unannounced, periodic inspections of his/her retail establishment to ensure compliance with this regulation. Neither the permit holder nor their employees shall interfere with or obstruct an inspection.

8. A Tobacco Product Sales Permit will not be renewed if the permit holder has failed to pay all fines issued and the time to appeal the fines has expired and/or the permit holder has not satisfied any outstanding permit suspensions.

9. A Tobacco Product Sales Permit will not be renewed if the permit holder has sold a tobacco product to a person born on or after January 1, 2004, three times within the permit year or 4 times within the 36-month period of performance and the time period to appeal has expired. The violator may request a hearing in accordance with the Violations section.

10. Retail Density.

- a. A new Tobacco Product Sales Permit shall not be issued to any new applicant for a retail location within five hundred (500) feet of a public or private elementary or secondary school as measured by a straight line from

the nearest point of the property line of the school to the nearest point of the property line of the site of the applicant's business premises

- b. A new Tobacco Product Sales Permit shall not be issued to any new applicant for a retail location within 500 feet of an existing retailer with a valid Tobacco Product Sales Permit as measured by a straight line from the nearest point of the property line of the retailer with a valid Tobacco Product Sales Permit to the nearest point of the property line of the site of the applicant's business premises.
- c. If the purchaser of a business with a valid tobacco sales permit pursuant to Section E.9 or the current holder of tobacco sales permit changes the location of the business, the new location shall be subject to the retail density requirements of Section E.11.

11. Sale of Business.

- a. Notwithstanding a cap on the total number of permit holders, the seller of a business holding a valid tobacco sales permit may transfer said permit to a bona fide purchaser for value of the business, subject to approval by the Board of Health, as required herein.
- b. The purchaser shall apply for the transfer of the permit no later than (30) calendar days after said purchase. The purchaser shall not sell tobacco product until the **transfer of the permit is approved by the Board of Health**; and
- c. All fines and suspensions of the previous owner must be satisfied prior to the sale.

12. Maximum Number of Tobacco Product Sales Permits—Retiring Cap

As of the effective date of this regulation, any permit surrendered, revoked or not renewed either because a retailer no longer sells tobacco products, as defined herein, or because a retailer closes the retail business, shall be returned to the Needham Board of Health and shall be permanently retired by the Board of Health.

F. Prohibition of Smoking Bars:

Smoking Bars are prohibited in the Town of Needham.

G. Oral Nicotine Pouches:

No retailer or person shall sell or distribute or cause to be sold or distributed oral nicotine pouches with a (charactering flavor nor those) with a nicotine content greater than six (6) mg per individual pouch. Prior to the sale of any nicotine pouch products, a retailer or person will provide a written manufacturer's document certifying the products are not flavored, as defined under Massachusetts law and these regulations. Reference the full description of "Manufacturer Documentation" in Section C, Definitions.

Commented [KS1]: Do we need to include the words, "tobacco product flavor enhancer" since it is also listed in the definitions (Sec. C)? [@Samath Palani](#) [@Tara George](#)

Commented [KS2R1]: [@Samath Palani](#) [@Tara George](#)

Commented [TG3R1]: [@Karen Shannon](#) [@Samath Palani](#) I think that a tobacco product flavor enhancer is specific to tobacco products. Not sure it would apply since nicotine pouches do not include tobacco leaf.

OR

Oral nicotine pouches shall only be sold in adult-only retail tobacco stores.

H.G. Cigar Sales Regulated:

1. No person shall sell or distribute or cause to be sold or distributed a single cigar unless such cigar is priced for retail sale at two dollars and ninety cents (\$2.90) or more.
2. No person shall sell or distribute or cause to be sold or distributed any original factory-wrapped package of two or more cigars, unless such package is priced for retail sale at five dollars and eighty cents (\$5.80) or more.
3. This Section shall not apply to a person or entity engaged in the business of selling or distributing cigars for commercial purposes to another person or entity engaged in the business of selling or distributing cigars for commercial purposes with the intent to sell or distribute outside the boundaries of Needham.
4. The Needham Board of Health may adjust from time to time the amounts specified in this Section to reflect changes in the applicable Consumer Price Index by amendment of this regulation.

I.H. Sale of Flavored Tobacco Products Prohibited:

No person, as defined herein, shall possess, hold, keep, sell or distribute or cause to be possessed, held, kept, sold or distributed any flavored tobacco product, as defined herein, or any flavored tobacco product enhancer, as defined herein.

Retailers must obtain manufacturer documentation certifying that all products possessed, held, kept, sold or distributed by the retailer do not meet the definition of a flavored tobacco product or tobacco product flavor enhancer (105 CMR 665.010(E)).

J.I. Nicotine Content in Electronic Nicotine Delivery Systems:

No person shall sell an electronic nicotine delivery system with nicotine content greater than 35 milligrams per milliliter; provided, however, that this subsection shall not apply to adult-only retail tobacco stores or smoking bars.

Retailers must obtain manufacturer documentation verifying that all electronic nicotine delivery products possessed, held, kept, sold or distributed by the retailer indicating the nicotine content expressed as milligrams per milliliter for each electronic nicotine delivery system to be sold in the retail establishment (105 CMR 665.010(C)).

K.J. Prohibition of the Sale of Blunt Wraps:

No retailer or person shall sell or distribute blunt wraps in Needham.

L.K. Free Distribution and Coupon Redemption: No retailer or person shall:

1. Distribute or cause to be distributed, any free samples of tobacco products, as defined herein.
2. Accept or redeem, offer to accept, or redeem, or cause or hire any person to accept or redeem or offer to accept or redeem any coupon that provides any tobacco product, as defined herein, without charge or for less than the listed or non-discounted price; and
3. Sell a tobacco product, as defined herein, through any discount (e.g., "buy-two-get-one-free") if the sale reduces the price of a pack to less than the listed or non-discounted price.

M.L. Out-of-Package Sales:

1. The sale or distribution of tobacco products, as defined herein, in any form other than an original factory-wrapped package is prohibited, including the repackaging, or dispensing of any tobacco product, as defined herein, for retail sale. No retailer or person, as defined herein, shall possess, hold, keep, sell, or distribute or cause to be possessed, held, kept, sold, or distributed any cigarette package that contains fewer than twenty (20) cigarettes, including single cigarettes.
2. Permit holders who sell Liquid Nicotine Containers must comply with the provisions of 310 CMR 30.000, Massachusetts Hazardous Waste Regulations.
3. All permit holders must comply with 940 CMR 21.05 which reads: "It shall be an unfair or deceptive act or practice for any person to sell or distribute nicotine in a liquid or gel substance in Massachusetts after March 15, 2016 unless the liquid or gel product is contained in a child-resistant package that, at a minimum, meets the standard for special packaging as set forth in 15 U.S.C. §§1471 through 1476 and 16 CFR §1700 *et seq.*"
4. No permit holder shall refill a cartridge that is prefilled with nicotine in a liquid or gel substance and sealed by the manufacturer and not intended to be opened by the consumer or retailer.

N.M. Self-Service Displays:

All self-service displays of tobacco products, as defined herein, are prohibited. All humidors including, but not limited to, walk-in humidors must be locked.

O.N. Vending Machines:

All vending machines containing tobacco products, as defined herein, are prohibited.

P.Q. Non-Residential Roll-Your-Own Machines:

All Non-Residential Roll-Your-Own machines are prohibited.

Q.P. Prohibition of the Sale of Tobacco Products by Health Care Institutions:

No health care institution located in Needham shall sell or cause to be sold tobacco products, as defined herein. No retail establishment that operates or has a health care institution within it, such as a pharmacy, optician/optometrist, or drug store, shall sell or cause to be sold tobacco products, as defined herein.

R.Q. Prohibition of the Sale of Tobacco Products by Educational Institutions:

No educational institution located in Needham shall sell or cause to be sold tobacco products, as defined herein, including by any person or retailer on the property of an educational institution.

S.R. Incorporation of State Laws and State Regulations:

1. The sale or distribution of tobacco products, as defined herein, must comply with state statutes including but not limited to those provisions found at G.L. c. 270, §§6, 6A, 7, 28, 29 and G.L. c. 112, §61A.
2. The sale or distribution of tobacco products, as defined herein, must comply with state regulations including but not limited to those provisions found at 940 CMR 21.00, Sale and Distribution of Cigarettes, Smokeless Tobacco Products, and Electronic Smoking Devices in Massachusetts, 940 CMR 22.00 Sale and Distribution of Cigars in Massachusetts; and 105 CMR 665.00, Minimum Standards for Retail Sale of Tobacco and Electronic Nicotine Delivery Systems.

T.S. PROHIBITION ON SMOKING IN PUBLIC PLACES AND WORKPLACES:

1. No person shall smoke or use an e-cigarette nor shall any person having control of the premises upon which smoking is prohibited by this regulation or by M.G.L. c. 270, §22, or the business agent or designee of such person, permit a person to smoke or use an e-cigarette in any of the following places in addition to those prohibited by G.L. c. 270, §22: all outdoor areas of restaurants, bars, taverns, and any other outdoor place where food and/or beverages, and/or non-alcoholic beverages are sold, served, or otherwise consumed or carried, health care facilities, municipal and school buildings, municipal vehicles, public places, public transportation, retail stores, town-owned parks and playgrounds, town-owned athletic fields, town-owned property, conservation land, nursing homes, hotels, motels, inns, bed and breakfast, lodging homes, and adult-only retail tobacco stores.

2. Notwithstanding any other provision of these regulations, smoking may be permitted in the following places and/or under the following circumstances consistent with all applicable state laws:

- a. Private residences except those portions used as a public place, food service establishment, childcare, adult care, or health care office during the hours when operating as such.

U.T. Violations:

1. It shall be the responsibility of the establishment, permit holder and/or his or her business agent, and not their employees, to ensure compliance with all sections of this regulation. For violations of the sections of this regulation that incorporate G.L. c. 270, §§6, 28, 29 and 105 CMR 665.000, the following penalties apply:
 - a. In the case of a first violation, a fine of one thousand dollars (\$1,000.00) shall be issued and the Tobacco Product Sales Permit shall be suspended for seven (7) consecutive business days.
 - b. In the case of a second violation within thirty-six (36) months of the date of the current violation, a fine of two thousand dollars (\$2,000.00) shall be issued and the Tobacco Product Sales Permit shall be suspended for fourteen (14) consecutive business days.
 - c. In the case of three violations within a thirty-six (36)-month period, a fine of five thousand dollars (\$5,000.00) shall be issued and the Tobacco Product Sales Permit shall be suspended for thirty (30) consecutive business days.
2. For violations of all other sections specific to the Town of Needham, the violator shall receive:
 - a. In the case of a first violation, a fine of one hundred dollars (\$100.00), and the Tobacco Product Sales Permit shall be suspended for seven (7) consecutive business days.
 - b. In the case of a second violation within thirty-six (36) months of the date of the current violation, a fine of two hundred dollars (\$200.00), and the Tobacco Product Sales Permit shall be suspended for fourteen (14) consecutive business days.
 - c. In the case of three violations within a thirty-six (36)-month period, a fine of three hundred dollars (\$300.00), and the Tobacco Product Sales Permit shall be suspended for thirty (30) consecutive business days.

3. List of state laws and local policies:

Policies Subject to State Law Fines

- Tobacco and Vape Sales to persons under the age of 21 (G.L. Ch. 270, §6)
- Flavored Tobacco Product Sales Restrictions (G.L. Ch. 270, §28)
- Penalties for sales to a person under the age of 21 of Tobacco/Vape products (105 CMR 665.045)
- Local Tobacco Sales Permit suspension for a first violation for sales to a person under the age of 21 of Tobacco/Vape products (105 CMR 665.040(d))
- Required Retailer Signage (105 CMR 665.015)
- Ban on Free Distribution (105 CMR 665.025)
- Ban on Self-Service Displays (105 CMR 665.010(B))
- Ban on Out-Of-Package Sales (105 CMR 665.030)
- Sales Without a Local Tobacco Product Sales Permit for Smoking Bars and Retail Tobacco Stores only (105 CMR 665.013(A))
- Failure to Check Identification of Purchaser (105 CMR 665.020)
- Nicotine Content in Electronic Nicotine Delivery Systems (G.L. Ch. 270, §29)
- Coupon Redemption (105 CMR 665.025)
- Child-Proofed Liquid Nicotine Containers Required (105 CMR 665.035)
- Failure to obtain manufacturer's non-flavored certification (105 CMR 665.010(E))
- Failure to obtain manufacturer's nicotine content certification (105 CMR 665.010(C))
- Admitting a person under the age of 21 into an Adult-Only Retail Tobacco Store (105 CMR 665.020(B))
- Other state policies

Policies Subject to Local Regulation

- Nicotine Free Generation / Sales to persons born on or after January 1, 2004
- Prohibition of the Sale of Blunt Wraps
- Ban on Smoking Bars
- Cigar Sales Regulated, including minimum sales price regulations.
- Tobacco Product Sales in Health Care Institutions as more broadly defined than in state law.
- Tobacco Product Sales in Educational Institutions
- Non-Residential Roll-Your-Own Machines Ban
- Display of MA Department of Revenue license(s)
- No Local Tobacco Sales Permit
- Retailer Density Minimums
- Transfer of Permit in Sale of Business
- Restricting Oral Nicotine Pouches to adult-only retail tobacco stores
- Other local policies

5. In the case of four violations or repeated, egregious violations of any section of this regulation, as determined by the Board of Health within a thirty-six (36) month period, the Board of Health shall hold a hearing in accordance with this regulation and, after such hearing shall permanently revoke a Tobacco Product Sales Permit.
6. Failure to cooperate or interference with inspections pursuant to this regulation shall result in the suspension of the Tobacco Product Sales Permit for thirty (30) consecutive business days.
7. In addition to the monetary fines set above, any permit holder who engages in the sale or distribution of tobacco products while their permit is suspended shall be subject to the suspension of all Board of Health issued permits for thirty (30) consecutive business days. Multiple suspensions of a Tobacco Product Sales Permit shall not be served concurrently.
8. A permit issued pursuant to this regulation may be suspended, revoked, or not renewed for any of the following reasons:
 - a. Violation of the permit holder of any provision of state or local laws and/or regulations.
 - b. Fraud, misrepresentation, false material statement, concealment, or suppression of facts by the permit holder in connection with an application for a permit or for renewal thereof.
9. The Needham Board of Health shall provide notice of the intent to suspend or revoke a Tobacco Product Sales Permit, which notice shall contain the reasons therefor and establish a time and date for a hearing which date shall be no earlier than seven (7) days after the date of said notice. The permit holder or its business agent shall have an opportunity to be heard at such a hearing and shall be notified of the Board of Health's decision and the reasons therefor in writing. After a hearing, the Needham Board of Health shall impose fines and/or suspend or revoke the Tobacco Product Sales Permit if the Board of Health finds that a violation of this regulation occurred. All tobacco products, as defined herein, shall be removed from the retail establishment upon suspension or revocation of the Tobacco Product Sales Permit. Failure to remove all tobacco products, as defined herein, shall constitute a separate violation of this regulation.
10. For purposes of such fines, the Board of Health shall make the determination notwithstanding any separate criminal or non-criminal proceedings brought in court hereunder or under the Massachusetts General Laws for the same offense.

V.U. Non-Criminal Disposition:

Whoever violates any provision of this regulation may be penalized by the non-criminal method of disposition as provided in G.L. c. 40, §21D where the penalty calls for a monetary fine not exceeding three hundred (\$300) dollars.

W.V. Separate Violations:

Each day any violation exists shall be deemed to be a separate offense.

X.W. Enforcement:

Enforcement of this regulation shall be by the Needham Board of Health, its Director of Health & Human Services, and its designated agents.

The Board of Health may enforce these regulations or enjoin violations thereof through any lawful process, and the election of one remedy by the Board of Health shall not preclude enforcement through any other lawful means.

Any resident who desires to register a complaint pursuant to the regulation may do so by contacting the Needham Board of Health or its designated agent(s) and the Board shall investigate.

Y.X. Severability:

If any provision of this regulation is declared invalid or unenforceable, the other provisions shall not be affected thereby but shall continue in full force and effect.

Z.Y. Effective Date: (Need to update this section with new dates.)

Board of Health discussion about the Nicotine Free Generation (NFG) policy occurred at public meetings on May 10, June 14, and July 12, 2024. A public hearing about the Nicotine Free Generation policy occurred on September 5, 2024, and was continued over until October 8, 2024 and then again until November 22, 2024, where the NFG policy and a draft version of this regulation incorporating NFG were discussed and debated. This regulation was approved by a unanimous vote of the Needham Board of Health on December 13, 2024 and shall take effect on January 1, 2025.

A notice and summary of the regulation was posted by the Needham Town Clerk, was posted on the Needham Public Health Division's website, and was published in a newspaper in circulation in the Town of Needham. Copies of this regulation have also been filed with the Needham Town Clerk and the Massachusetts Department of Environmental Protection.

The original Needham Board of Health smoking and tobacco regulation was enacted in September 1991. It has been amended extensively over the years, most notably in 2005 with the enactment of the Tobacco 21 policy, which was phased-in over a three-year period. This regulation was amended again in 2009 with the implementation of a prohibition on the sale of tobacco products in pharmacies. A ban on flavored tobacco

was incorporated in 2015, the tolling period for violations was revised in 2017, and restrictions on electronic nicotine delivery systems were incorporated in 2018 and 2019. Updates on the number of permits and also the adoption of updated state regulation requirements, along with the adoption of the state fine schedule, took place in 2020 and 2021. An update to the regulation, unanimously approved by the Board of Health on September 23, 2021, included a modification to the definition of "person" on page six and shall go into effect on October 15, 2021. The Nicotine Free Generation policy was incorporated into the regulation by vote of the Board of Health on December 13, 2024.

DRAFT



Board of Health Town of Needham AGENDA FACT SHEET

MEETING DATE: August 8, 2025

Agenda Item	Continuation of Nicotine Pouches Hearing
Presenter(s)	• Karen Shannon, Substance Use Program Coordinator • Tara Gurge, Assistant Director of Public Health • Sai Palani, Environmental Health Agent
1.	BRIEF DESCRIPTION OF TOPIC TO BE DISCUSSED Review of: Draft changes to Board of Health Article 1, Regulation Affecting Smoking and the Sale and Distribution of Tobacco Products in Needham , and language that pertains to the sale of nicotine pouches.
2.	VOTE REQUIRED BY BOARD OF HEALTH Suggested Motion: That the Board of Health [close] the hearing and adopt the proposed amendments to Article 1 as presented in the Board's meeting packet, posted online, and discussed this morning.
3.	BACK UP INFORMATION: 1. Draft changes to Article 1: Section G 2. NPHD Memo – Flavored Tobacco Product Testing 6.10.25 3. Nicotine Pouches, Cheryl Sbarra MAHB Presentation 4. CDC Foundation Brief of Nicotine Pouches – MA only and National



Needham Public Health Division

Prevent. Promote. Protect.



MEMO

To: Timothy McDonald, Director of Health & Human Services
From: Lydia Cunningham, Substance Use Prevention Coordinator
Date: June 16, 2025
Subject: Testing Procedure for Flavored Tobacco & Nicotine Products

Overview: This document contains information on existing guidance created for municipalities in Massachusetts to determine whether a tobacco product is flavored. The following information and protocols for assessing flavored tobacco and nicotine products is derived from documents and guidance from the Massachusetts Health Officers Association (MHOA), Massachusetts Association of Health Boards (MAHB), and Massachusetts Municipal Association (MMA), with specific guidance from Cheryl Sbarra, Esq., Executive Director and Senior Staff Attorney, MAHB and Lisa Stevens-Goodnight, Esq., Tobacco Control Director, MMA.

“Recommendations for Enforcing the Restriction on Flavored Tobacco and Vapes”¹: The MHOA has released a guidance document with recommendations for enforcing the restriction of flavored tobacco and electronic vapor products through smell tests and review of manufacturers’ letters. The guidance includes:

Locating Flavored Tobacco and Vape Brands (Manufacturer’s Letters):

- Review manufacturers’ letters. Retailers must have these letters. ***A retailer may not sell any brand of tobacco or vape unless it is listed in writing as unflavored by the manufacturer. If the brand is not listed, no smell test is required. That brand cannot be offered for sale.***
- If a retailer is missing a letter from a particular brand, you may:
 1. Give the retailer a few days to get the letter that lists the brand as nonflavored. The brand should not be offered for sale in the meantime. It should be removed from the shelves, stored in a box taped closed with the inspector’s signature and date written on the tape, and stored in a back room.
 2. Issue a violation order and instruct the retailer to get the letter that lists the brand. In the meantime, instruct the retailer to box and store the brand as in OPTION 1.
 3. If you suspect a brand is flavored, you do not need to wait for the letter. Instead, you may start the next step of enforcement described below, the smell test. Product packaging, online reviews, communications with colleagues in tobacco control may provide the basis for your suspicions that a brand is flavored.

¹https://mhoa.com/aws/MHOA/asset_manager/get_file/707184?ver=0#:~:text=A%20retailer%20may%20not%20sell,cannot%20be%20offered%20for%20sale.&text=You%20are%20not%20required%20to%20provide%20the%20letter.

- When a brand is clearly flavored because its packaging says so, document the packaging by either taking a picture or purchasing a package, and then issue a violation order. For example, if the packaging says the brand is menthol, then it is flavored. You do not need to wait for the manufacturer's letter. No smell test is needed.
- When a brand's packaging is not clear and they do not have a manufacturer's letter permitting the sale, and you believe it to be flavored, you may choose to enforce against it. You may need to conduct a smell test to confirm your suspicions and to build a case for penalty issuance.

Conducting a Smell Test

- A Massachusetts Appeals Court stated a tobacco flavor restriction "does not [require] ... any particular training or expertise . . . to make [the] . . . determination" that a tobacco or vape is flavored or not. The Court also stated a municipal board of health is "entitled to credit the perception of odor by its own members in concluding" the decision of a smell test. *Cumberland Farms v. Yarmouth Board of Health* (2018).
- **Tobacco and vape products in Massachusetts should only have the smell of tobacco or no smell at all. Any smell other than that of tobacco is enough to classify a product as flavored.**
- To conduct a smell test: Purchase one package of the brand suspected of being flavored for an onsite smell test. Test the product by opening the package and smelling the product. Issue the retailer a violation order if you determine the brand is flavored.
- Alternatively, you may choose to have your board of health members conduct the smell test before you issue the ticket. Keep a new package in an air-tight container like a Ziploc bag for the board of health to open right before the smell test.

Nicotine Pouches and Other Products: When meeting with Cheryl Sbarra and Lisa Stevens-Goodnight, Needham Public Health Division (NPHD) staff asked whether the above guidance can be applied to nicotine pouches. Cheryl Sbarra stated that nicotine pouches differ from combustibles and that the flavoring in pouches is not always identifiable by smell alone. In some cases, the flavor is only identifiable by taste when the product is moistened.

These products are currently being evaluated for flavoring through tests in which participants are given an unflavored (control product) or a product suspected to be flavored without knowledge of which is which and taste these products in a room free of other food, drink, or fragrances, with no communication with other product testers.

This testing, and the creation of guidance principles for determining whether a nicotine pouch is flavored, is currently ongoing, and additional guidance will become available through MHOA following these processes. An example of this testing process is detailed below.

Nicotine Pouch Flavor Testing June 2025: Sai Palani, Environmental Health Agent, Needham Public Health Division, attended a nicotine pouch testing at the Massachusetts Department of Public Health (DPH) office in Marlborough, MA, on June 13th, 2025. The following information was shared by Sai regarding his experience participating in this testing process alongside MAHB and DPH employees, including Cheryl Sbarra:

The purpose of the meeting and testing was to determine an appropriate protocol for testing vape and nicotine pouch products. As mentioned above, the criteria for a product to be in violation of the state flavor ban is tasting or smelling of something other than tobacco. There is no need to describe what the flavor is- if it is anything other than tobacco the product has a characterizing flavor and is classified as flavored.

There were 10+ representatives that lead and conduct enforcement for multi-town tobacco coalitions in the state present at the testing meeting.

Before the testing began, participants were asked not to bring in anything that would produce a smell and were instructed not to wear any perfumes, bring or chew gum, etc. Only unflavored water was allowed to cleanse the palate. Separate staff who were not participating in the testing opened new products in a separate room and placed them into envelopes which were each given a sample number. The test proceeded as follows:

- 1) All testers organized themselves around a table sitting side by side. The doors to the room were closed.
- 2) Testers were instructed not to speak during the testing and were given a form on which to input the sample # and circle whether or not the product had a characterizing flavor. Testers were asked to not look at the product, only to smell it and pass the product along- marking whether it was flavored.
- 3) The first sample was a control product, something that was determined to be unflavored. All other samples that differed greatly from the control sample during the testing were to be considered flavored.
- 4) Only 5-6 products were tested at a time due to fatigue. Testers were instructed to smell their elbows, blow their noses, and drink water to cleanse the sinus and olfactory glands.
- 5) Vapes and pouches were tested separately. Once all testing was completed, separate staff reviewed the findings and deemed any of the products that were unanimously marked as flavored to be officially flavored. The products that had results split between testers were discussed further or testers were asked to step outside to additionally test vape products using a “blow test” or perform a taste test for the pouches.

Findings:

All “Clear” vape and pouch products were found to be flavored, as well as all “Chill” products. Some of the nicotine pouch products labelled “Original” and “Smooth” were found to be flavored.

Additionally, Dutch Fusion, Backwoods “White”, “Black”, “Bold”, and “Smooth” and Game “Blue” and “Green” were found to be flavored by other communities.

Cheryl Sbarra asked for all communities represented to distribute the list of products found to be flavored to their communities and noted that she will keep a master list of these products.



Is Zyn the New Juul?

What are Oral Nicotine Pouches

- Small fiber pouches filled with nicotine salts.
- Not heated or burned (combusted).
- Do not contain cut, ground, powdered or leaf tobacco.
- Frequently flavored.



How to Use a Nicotine Pouch “discreet and convenient design”



How Popular Are They?

- From 2016 to 2023 sales increased from 6 million to 334 million. (CDC)
- From 2019 to 2023 current use among MA high students tripled. (1% to 3.2%)
 - Can be used discreetly in school.
 - No smoke or vaper.
 - Small.
 - Containers look like they contain mints or gum.
 - Can be used anywhere.
- 2nd most popular tobacco/nicotine product used by youth in 2024.
 - 480,000 middle and high school students using nationwide.
- Majority are flavored.
- Zyn (Philip Morris/Swedish Match)
- On! (Altria)

MAHNB

Assisting Massachusetts Boards of Health through
training, technical assistance and legal education



Nicotine Strength Varies

- Low strength: 2 - 4 mg.
 - For beginners.
 - “Particularly beneficial for those who are experimenting with nicotine for the first time.”
 - <https://alppouch.com/>
- Medium strength: 6 – 8 mg.
 - For those with moderate nicotine tolerance.
- High Strength: 10 – 14 mg.
 - For those with high nicotine tolerance providing a “robust experience.”
- Extra High Strength: 16 – 20 mg.
 - For those with very high nicotine tolerance.
- Loon NYXX – Bad Bull: 28 mg.
 - Some higher.

MAHNB

Assisting Massachusetts Boards of Health through
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Health Effects of Pouches

- Youth use of nicotine in any form is unsafe.
 - Disrupts the formation of brain circuits.
 - Intensifies symptoms of depression and anxiety.
- Stomach problems
- Gum problems
- Cardiovascular issues
- Long term neurological effects?
- Presence of carcinogenic TSNAs in pouches

MAHNB

Assisting Massachusetts Boards of Health through
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Marketing Strategies

- It's a harm reduction product.
 - No evidence that it helps quit smoking/vaping.
 - Not an FDA approved cessation device.
 - FDA authorized 3 mg. and 6 mg. Zyn products with explicit statement that:
 - "The authorization does not allow the company to make reduced risk claims about the products."
- Zynfluencers
 - Tucker Carlson
 - "Then you feel the power rising from your central nervous system, then going outward through all the nerve endings down to the tips of your fingers. And then up here, it just starts crackling the synapses."
 - "Zyn is a lifesaving medical product that enhances male vitality and mental acuity."



Is Zyn the New Juul?

A Cautionary Tale

- Philip Morris International (MPI) bought Swedish Match for \$16 billion in 2022.
- PMI sales are at record highs.
- Sales fueled by sale of Zyn.
- In 2024 shipments of Zyn rose 644 million cans, up by more than half from 2023.
- PMI cannot keep up with the demand.
- Expanding a factory in Kentucky.
- Building a new factory in Colorado for \$600 million.
- PMI pledged to make two-thirds of its income from products like Zyn by 2030.
- ALTRIA bought Juul for \$12.8 million.
 - Within 4 years it was nearly bankrupt by lawsuits blaming it for targeting youth.

Monitoring Sales: Nicotine Pouch Trends

This report highlights trends from February 2019 to September 2024.

What's the Bottom Line?

- Nicotine pouches contain a powder made of nicotine, flavorings, and other ingredients. The powder dissolves in the mouth, and nicotine is absorbed through the gums and lining of the mouth. Nicotine is an addictive chemical that is especially dangerous for youth, young adults, and pregnant people.
- Nicotine pouch sales in the United States are rapidly increasing. Surges occurred during 2023 and 2024.
- Nearly all nicotine pouches sold in the United States are non-tobacco flavored. Most are mint-flavored.
- States with flavor bans have seen slower increases in nicotine pouch sales. States with flavor restrictions are dominated by products marketed as smooth/original but likely contain sweeteners and products which provide a cooling sensation and contain sweeteners without a characterizing flavor.^{1,2}

Background

- No tobacco product is safe, including nicotine pouches.³
- In 2024, 1.8% of middle and high school students (480,000 youth) used nicotine pouches in the past month.⁴ Pouch use increased by more than 60% between 2022 and 2024 among U.S. middle and high school students.⁵
- Nicotine pouches were the second most commonly used tobacco product among youth in 2024, behind e-cigarettes.
- Two states, California and Massachusetts, prohibit the sale of flavored tobacco products, including nicotine pouches.

Key Findings

- Nicotine pouch sales increased by 183.7% between September 2022 and September 2024. The increase between 2022-2024 was larger than earlier increases.
- Most nicotine pouches sold in the United States are non-tobacco flavored. As of September 2024, mint flavor accounts for 59.2% of sales, followed by other flavors (e.g., fruits, candy, drinks) at 23.6%, and flavors marketed as clear/uncharacterized but which provide a cooling sensation at 8.2%.
- California experienced a 94.2% increase in nicotine pouch sales between September 2022 and September 2024, compared to 241.3% in New York and 267.2% in Rhode Island.

1. Jabba, S. V., Erythropel, H. C., Woodrow, J. G., Anastas, P. T., O'Malley, S., Krishnan-Sarin, S., Zimmerman, J. B., & Jordt, S. E. (2023). Synthetic cooling agent in oral nicotine pouch products marketed as 'Flavour-Ban Approved'. Tobacco control, tc-2023-058035. Advance online publication. <https://doi.org/10.1136/tc-2023-058035>

2. Jabba, S. V., Silinski, P., Yang, A. Y., Ouyang, W., & Jordt, S. E. (2024). Artificial Sweeteners in US-Marketed Oral Nicotine Pouch Products: Correlation with Nicotine Contents and Effects on Product Preference. bioRxiv : the preprint server for biology, 2024.01.26.577472. <https://doi.org/10.1101/2024.01.26.577472>

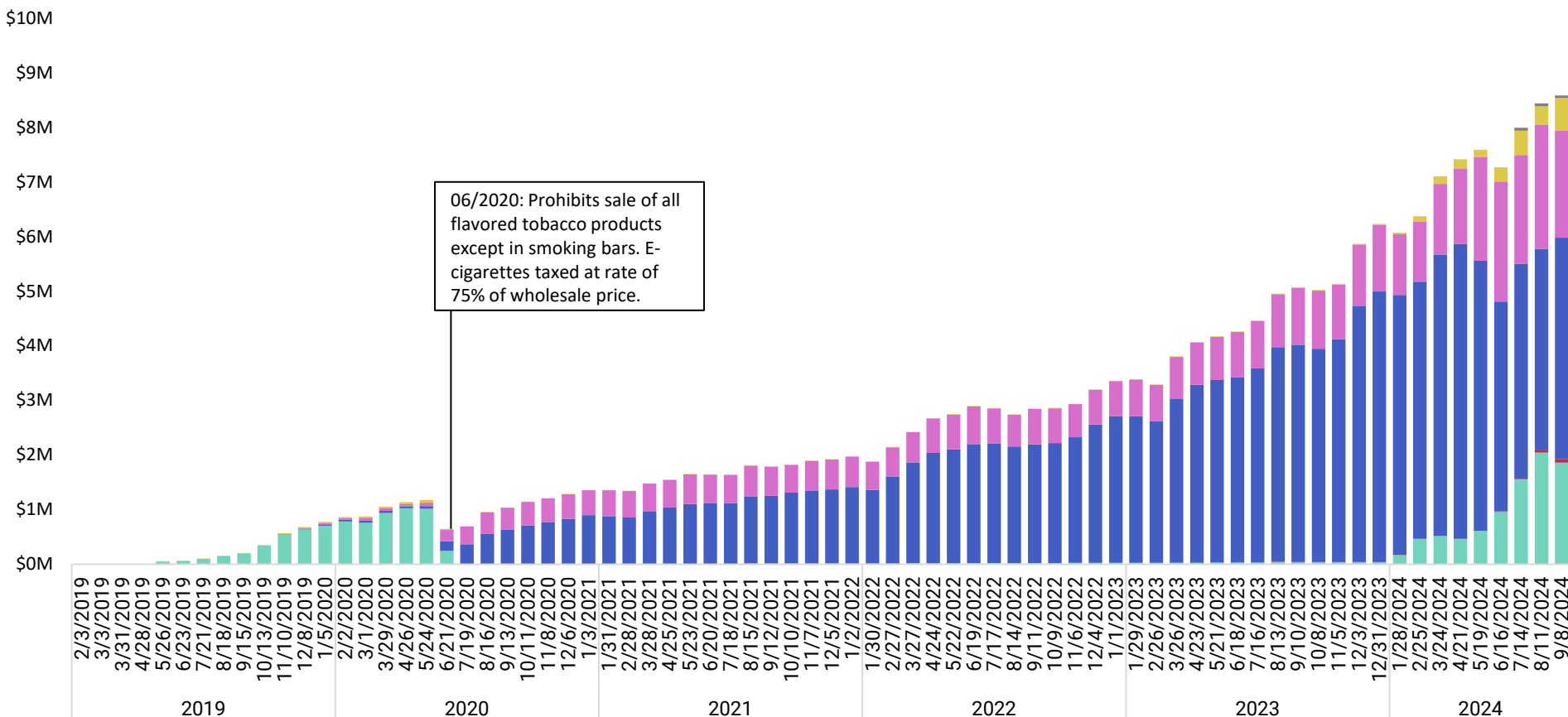
3. Centers for Disease Control and Prevention. (2024, September 17). *Nicotine pouches*. Centers for Disease Control and Prevention. <https://www.cdc.gov/tobacco/nicotine-pouches/index.html>

4. Jamal A, Park-Lee E, Birdsey J, et al. Tobacco Product Use Among Middle and High School Students — National Youth Tobacco Survey, United States, 2024. MMWR Morb Mortal Wkly Rep 2024;73:917–924. DOI: <http://dx.doi.org/10.15585/mmwr.mm7341a2>.

5. Park-Lee E, Ren C, Cooper M, Cornelius M, Jamal A, Cullen KA. Tobacco Product Use Among Middle and High School Students — United States, 2022. MMWR Morb Mortal Wkly Rep 2022;71:1429–1435. DOI: <http://dx.doi.org/10.15585/mmwr.mm7145a1>.

Figure 3. Total Nicotine Pouch Dollar Sales, by Flavor, Massachusetts

■ Menthol ■ Mint ■ Tobacco ■ Clear/Other Cooling** ■ Original/Smooth** ■ All Other Flavors** ■ Unknown



*Sales data do not reflect sales from vape shops or online retailers; dates represent end of 4-week periods. Total number of pouches sold calculated based on information provided in scanner data and represents individual pouches sold within a can.

**Clear/Other Cooling include products with flavor names such as clear, clear ice, or unflavored, which likely contain non-menthol synthetic cooling agents (e.g., Zyn Chill, Oeo Clear). Original/smooth includes products with flavor names such as smooth or original which likely contain artificial sweeteners (e.g. Zyn Smooth, On! Original, Zyn Original). All Other Flavors category includes fruit, clove/spice, chocolate, alcoholic drink (such as wine, cognac, or other cocktails), candy/desserts/other sweets, or some other flavor.

Trends of Pouch Dollar Sales by Flavor from 9/11/2022 to 09/08/2024

Total nicotine pouch dollar sales increased from \$2.9 million to \$8.6 million (+201.1%).

Tobacco-flavored nicotine pouch dollar sales increased from \$0 to \$65.4 thousand; unit share increased from 0% to 0.8%.

Menthol-flavored nicotine pouch dollar sales increased from \$0.3 thousand to \$2.8 thousand (+986.9%); unit share increased from 0.01% to 0.03%.

Mint-flavored nicotine pouch dollar sales increased from \$21.8 thousand to \$1.9 million (+8430.2%); unit share increased from 0.8% to 21.7%.

All other-flavored nicotine pouch dollar sales increased from \$7.0 thousand to \$589.0 thousand (+8329.3%); unit share increased from 0.2% to 6.9%.

Clear/other cooling-flavored nicotine pouch dollar sales increased from \$2.2 million to \$4.1 million (+86.6%); unit share decreased from 76.2% to 47.2%.

Original/Smooth nicotine pouch dollar sales increased from \$650.2 thousand to \$2.0 million (+202.3%); unit share increased from 22.8% to 22.9%.

Monitoring Sales: Nicotine Pouch Trends

This report highlights trends from February 2019 to September 2024.

What's the Bottom Line?

- Nicotine pouches contain a powder made of nicotine, flavorings, and other ingredients. The powder dissolves in the mouth, and nicotine is absorbed through the gums and lining of the mouth. Nicotine is an addictive chemical that is especially dangerous for youth, young adults, and pregnant people.
- Nicotine pouch sales in the United States are rapidly increasing. Surges occurred during 2023 and 2024.
- Nearly all nicotine pouches sold in the United States are non-tobacco flavored. Most are mint-flavored.
- States with flavor bans have seen slower increases in nicotine pouch sales. States with flavor restrictions are dominated by products marketed as smooth/original but likely contain sweeteners and products which provide a cooling sensation and contain sweeteners without a characterizing flavor.^{1,2}

Background

- No tobacco product is safe, including nicotine pouches.³
- In 2024, 1.8% of middle and high school students (480,000 youth) used nicotine pouches in the past month.⁴ Pouch use increased by more than 60% between 2022 and 2024 among U.S. middle and high school students.⁵
- Nicotine pouches were the second most commonly used tobacco product among youth in 2024, behind e-cigarettes.
- Two states, California and Massachusetts, prohibit the sale of flavored tobacco products, including nicotine pouches.

Key Findings

- Nicotine pouch sales increased by 183.7% between September 2022 and September 2024. The increase between 2022-2024 was larger than earlier increases.
- Most nicotine pouches sold in the United States are non-tobacco flavored. As of September 2024, mint flavor accounts for 59.2% of sales, followed by other flavors (e.g., fruits, candy, drinks) at 23.6%, and flavors marketed as clear/uncharacterized but which provide a cooling sensation at 8.2%.
- California experienced a 94.2% increase in nicotine pouch sales between September 2022 and September 2024, compared to 241.3% in New York and 267.2% in Rhode Island.

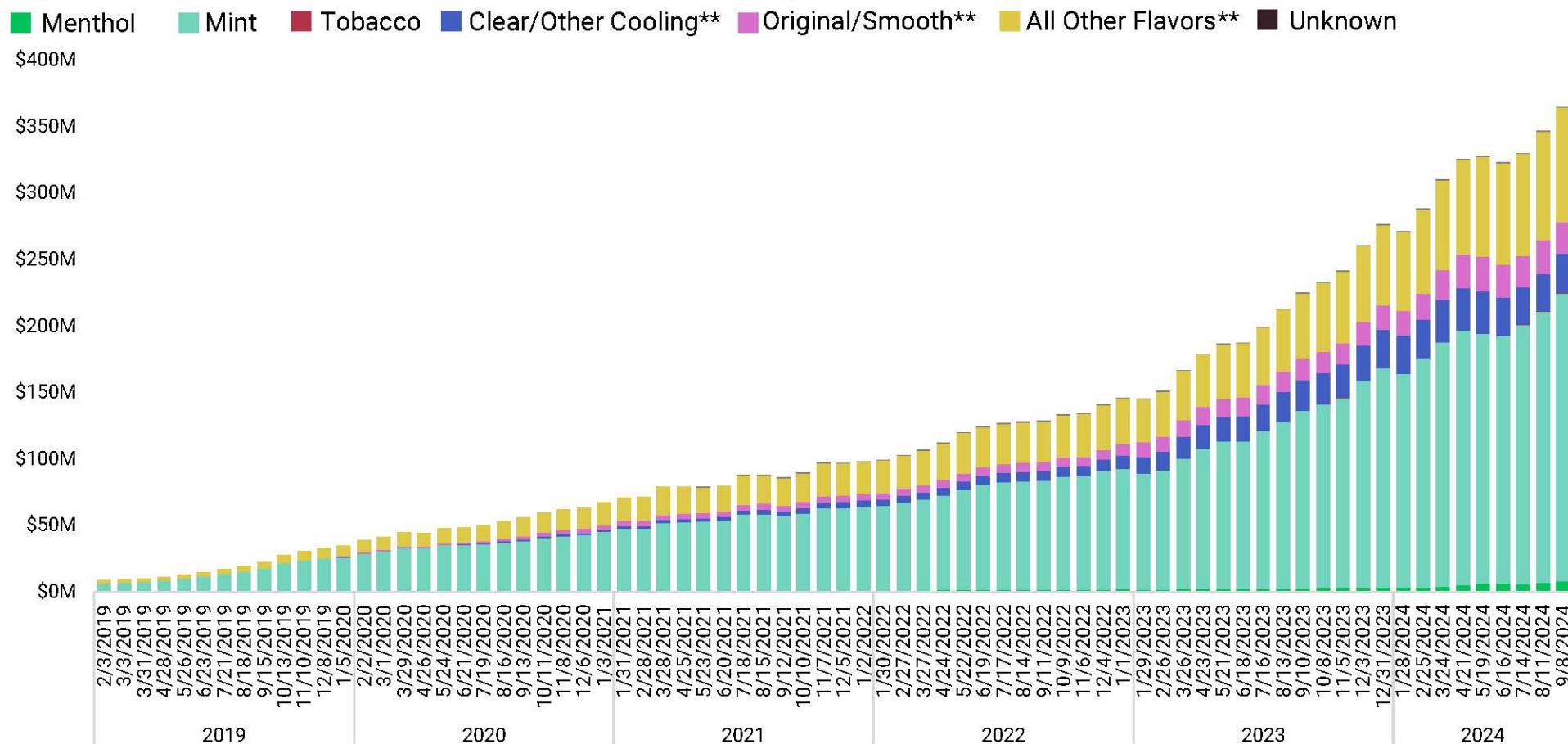
1. Jabba, S. V., Erythropel, H. C., Woodrow, J. G., Anastas, P. T., O'Malley, S., Krishnan-Sarin, S., Zimmerman, J. B., & Jordt, S. E. (2023). Synthetic cooling agent in oral nicotine pouch products marketed as 'Flavour-Ban Approved'. Tobacco control, 10-2023-058035. Advance online publication. <https://doi.org/10.1136/tc-2023-058035>

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3. Centers for Disease Control and Prevention. (2024, September 17). Nicotine pouches. Centers for Disease Control and Prevention. <https://www.cdc.gov/tobacco/nicotine-pouches/index.html>

4. Jamal A, Park-Lee E, Birdsey J, et al. Tobacco Product Use Among Middle and High School Students — National Youth Tobacco Survey, United States, 2024. MMWR Morb Mortal Wkly Rep 2024;73:917–924. DOI: <http://dx.doi.org/10.15585/mmwr.mm7341a2>.

5. Park-Lee E, Ren C, Cooper M, Cornelius M, Jamal A, Cullen KA. Tobacco Product Use Among Middle and High School Students — United States, 2022. MMWR Morb Mortal Wkly Rep 2022;71:1429–1435. DOI: <http://dx.doi.org/10.15585/mmwr.mm7145a1>.

Figure 1. Total Nicotine Pouch Dollar Sales, by Flavor, United States

*Sales data do not reflect sales from vape shops or online retailers; dates represent end of 4-week periods. Total number of pouches sold calculated based on information provided in scanner data and represents individual pouches sold within a can.

**Clear/Other Cooling include products with flavor names such as clear, clear ice, or unflavored, which likely contain non-menthol synthetic cooling agents (e.g., Zyn Chill, Oeo Clear). Original/smooth includes products with flavor names such as smooth or original which likely contain artificial sweeteners (e.g., Zyn Smooth, On! Original, Zyn Original). All Other Flavors category includes fruit, clove/spice, chocolate, alcoholic drink (such as wine, cognac, or other cocktails), candy/desserts/other sweets, or some other flavor.

Trends of Pouch Dollar Sales by Flavor from 9/11/2022 to 09/08/2024

Total nicotine pouch dollar sales increased from \$128.7 million to \$365.0 million (+183.7%).

Tobacco-flavored nicotine pouch dollar sales increased from \$0 to \$325.3 thousand; unit share increased from 0% to 0.1%.

Menthol-flavored nicotine pouch dollar sales increased from \$1.9 million to \$8.5 million (+348.3%); unit share increased from 1.5% to 2.3%.

Mint-flavored nicotine pouch dollar sales increased from \$82.1 million to \$216.2 million (+163.5%); unit share decreased from 63.8% to 59.2%.

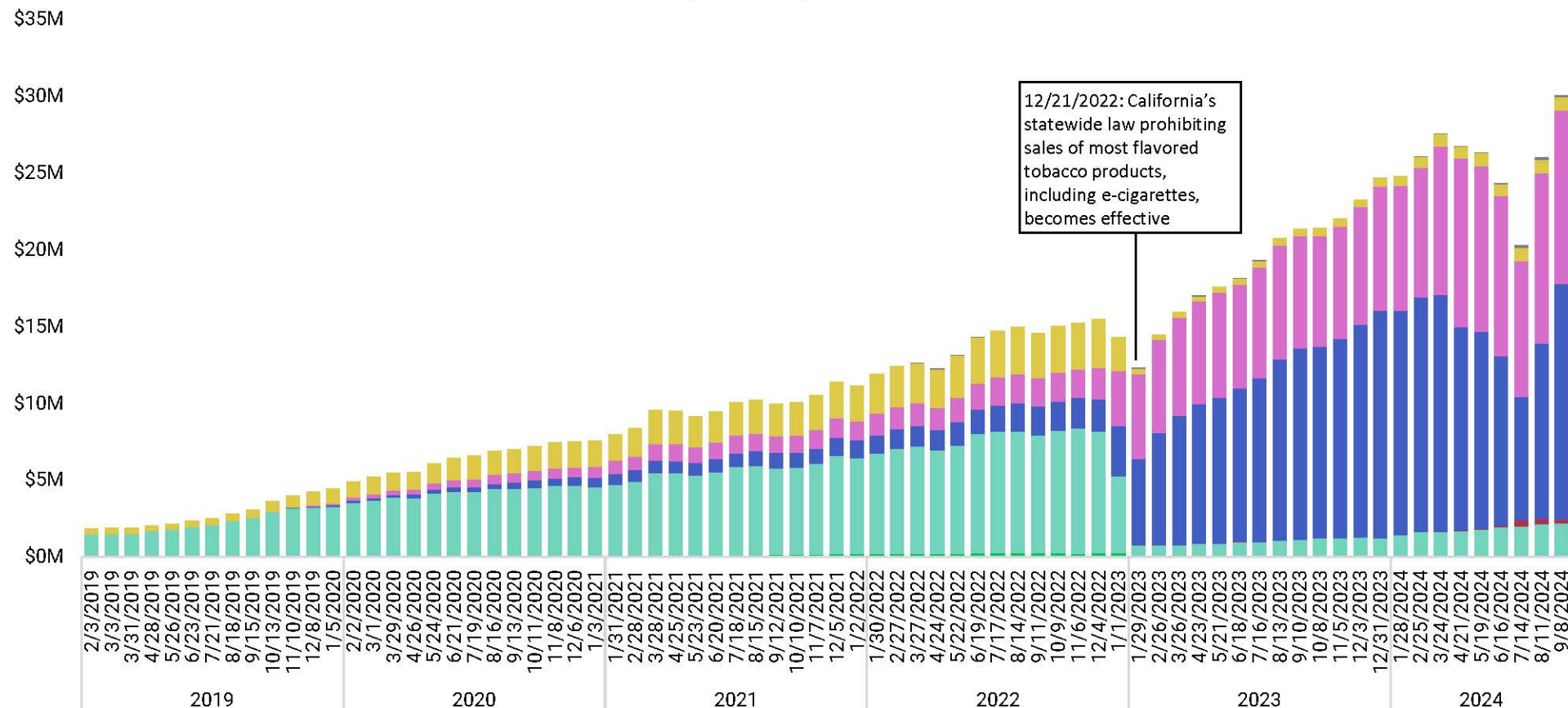
All other-flavored nicotine pouch dollar sales increased from \$30.7 million to \$86.3 million dollars (+181.2%); unit share decreased from 23.9% to 23.6%.

Clear/other cooling-flavored nicotine pouch dollar sales increased from \$7.4 million to \$29.8 million (+303.9%); unit share increased from 5.7% to 8.2%.

Original/Smooth nicotine pouch dollar sales increased from \$6.6 million to \$23.6 million (+257.6%); unit share increased from 5.1% to 6.5%.

Figure 2. Total Nicotine Pouch Dollar Sales, by Flavor, California

■ Menthol
 ■ Mint
 ■ Tobacco
 ■ Clear/Other Cooling**
 ■ Original/Smooth**
 ■ All Other Flavors**
 ■ Unknown



*Sales data do not reflect sales from vape shops or online retailers; dates represent end of 4-week periods. Total number of pouches sold calculated based on information provided in scanner data and represents individual pouches sold within a can.

**Clear/Other Cooling include products with flavor names such as clear, clear ice, or unflavored, which likely contain non-menthol synthetic cooling agents (e.g., Zyn Chill, Oco Clear). Original/smooth includes products with flavor names such as smooth or original which likely contain artificial sweeteners (e.g., Zyn Smooth, On! Original, Zyn Original). All Other Flavors category includes fruit, clove/spice, chocolate, alcoholic drink (such as wine, cognac, or other cocktails), candy/desserts/other sweets, or some other flavor.

Trends of Pouch Dollar Sales by Flavor from 9/11/2022 to 09/08/2024

Total nicotine pouch dollar sales increased from \$14.6 million to \$30.1 million (+106.4%).

Tobacco-flavored nicotine pouch dollar sales increased from \$0 to \$231.3 thousand; unit share increased from 0% to 0.8%.

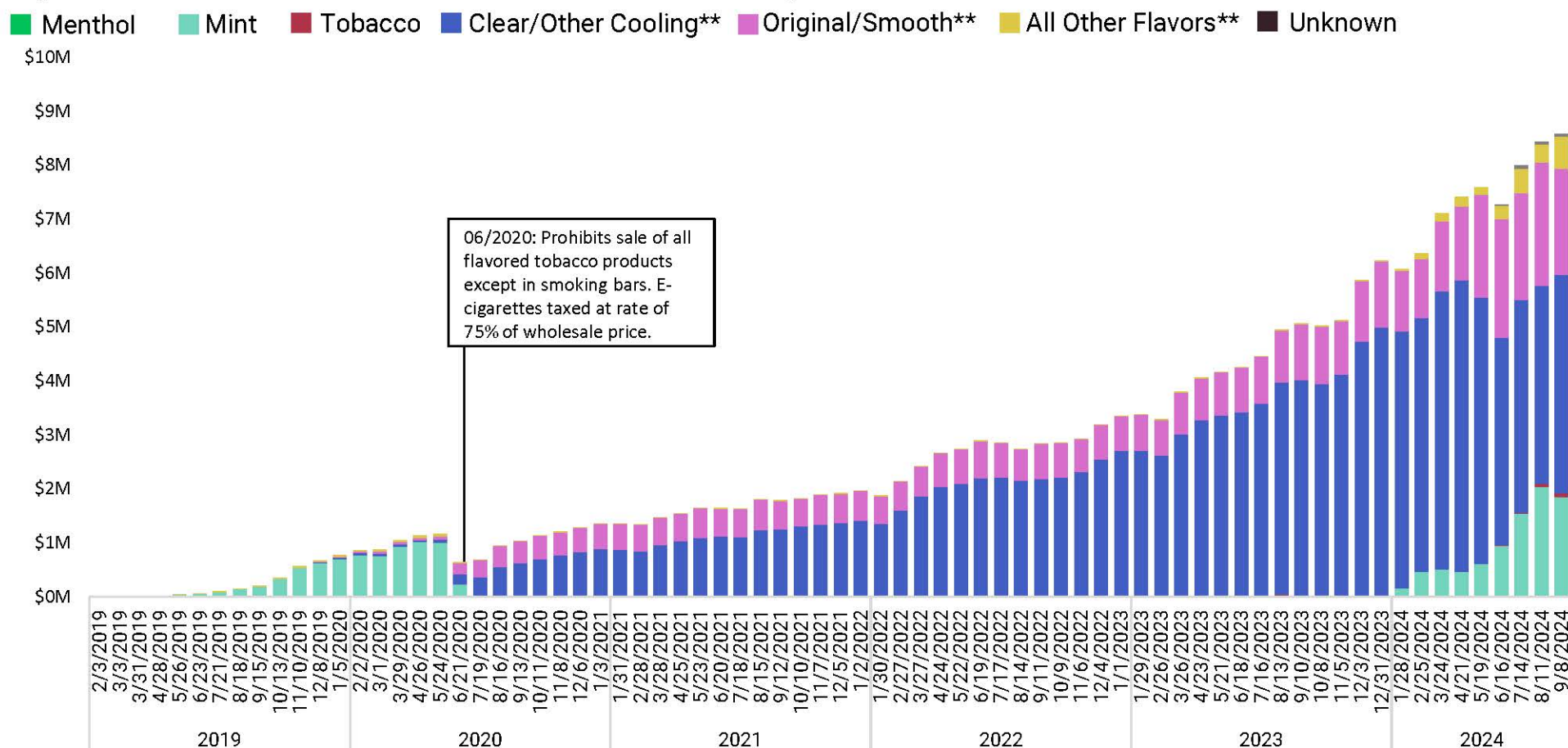
Menthol-flavored nicotine pouch dollar sales decreased from \$265.2 thousand to \$39.5 thousand (-85.1%); unit share decreased from 1.8% to 0.1%.

Mint-flavored nicotine pouch dollar sales decreased from \$7.7 million to \$2.2 million (-71.6%); unit share decreased from 52.8% to 7.3%.

All other-flavored nicotine pouch dollar sales decreased from \$2.9 million to \$841.9 thousand (-71.1%); unit share decreased from 20.0% to 2.8%.

Clear/other cooling-flavored nicotine pouch dollar sales increased from \$1.9 million to \$15.3 million (+724.3%); unit share increased from 12.8% to 51.0%.

Original/Smooth nicotine pouch dollar sales increased from \$1.8 million to \$11.3 million (+516.6%); unit share increased from 12.6% to 37.6%.

Figure 3. Total Nicotine Pouch Dollar Sales, by Flavor, Massachusetts

*Sales data do not reflect sales from vape shops or online retailers; dates represent end of 4-week periods. Total number of pouches sold calculated based on information provided in scanner data and represents individual pouches sold within a can.

**Clear/Other Cooling include products with flavor names such as clear, clear ice, or unflavored, which likely contain non-menthol synthetic cooling agents (e.g., Zyn Chill, Oeo Clear). Original/smooth includes products with flavor names such as smooth or original which likely contain artificial sweeteners (e.g., Zyn Smooth, On! Original, Zyn Original). All Other Flavors category includes fruit, clove/spice, chocolate, alcoholic drink (such as wine, cognac, or other cocktails), candy/desserts/other sweets, or some other flavor.

Trends of Pouch Dollar Sales by Flavor from 9/11/2022 to 09/08/2024

Total nicotine pouch dollar sales increased from \$2.9 million to \$8.6 million (+201.1%).

Tobacco-flavored nicotine pouch dollar sales increased from \$0 to \$65.4 thousand; unit share increased from 0% to 0.8%.

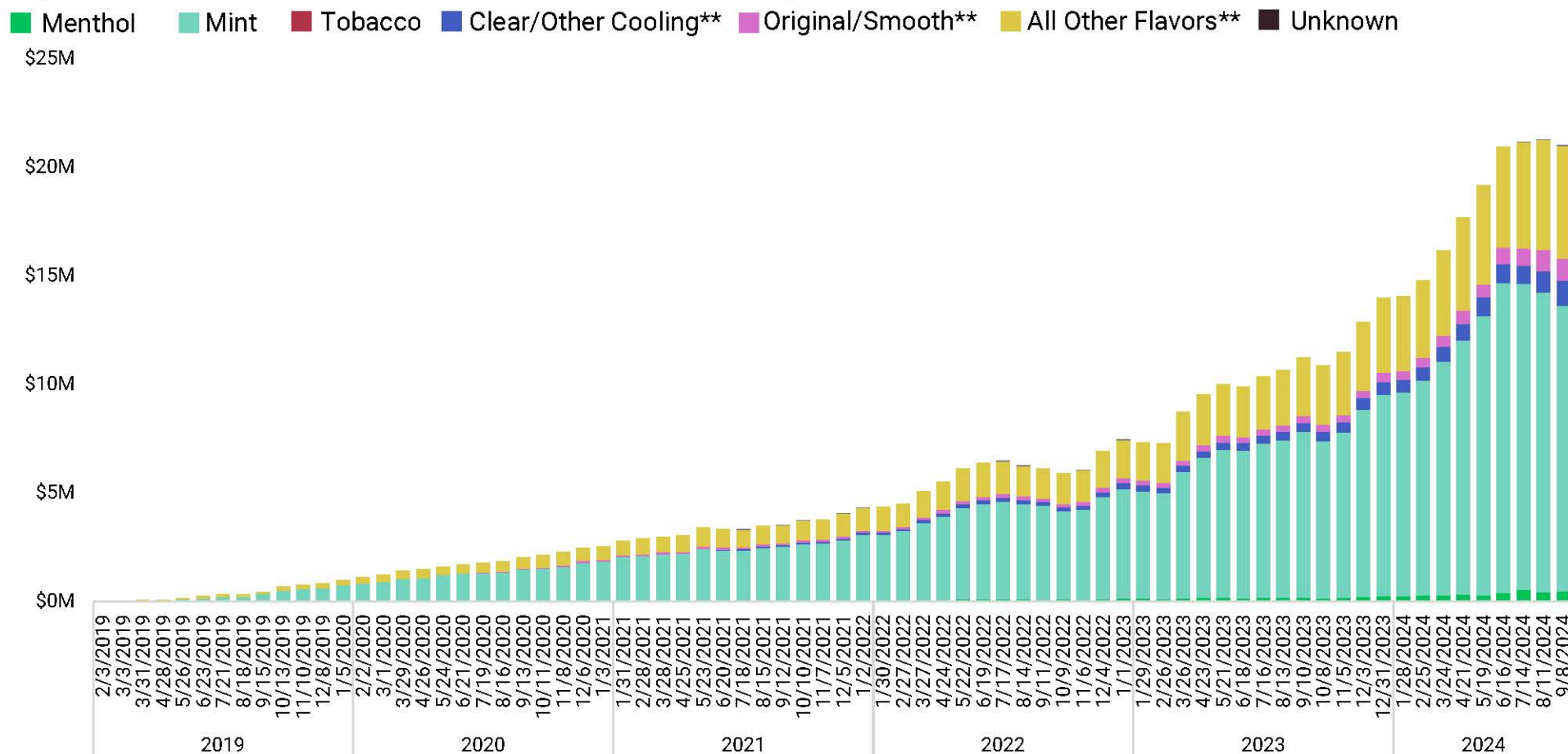
Menthol-flavored nicotine pouch dollar sales increased from \$0.3 thousand to \$2.8 thousand (+986.9%); unit share increased from 0.01% to 0.03%.

Mint-flavored nicotine pouch dollar sales increased from \$21.8 thousand to \$1.9 million (+8430.2%); unit share increased from 0.8% to 21.7%.

All other-flavored nicotine pouch dollar sales increased from \$7.0 thousand to \$589.0 thousand (+8329.3%); unit share increased from 0.2% to 6.9%.

Clear/other cooling-flavored nicotine pouch dollar sales increased from \$2.2 million to \$4.1 million (+86.6%); unit share decreased from 76.2% to 47.2%.

Original/Smooth nicotine pouch dollar sales increased from \$650.2 thousand to \$2.0 million (+202.3%); unit share increased from 22.8% to 22.9%.

Figure 4. Total Nicotine Pouch Dollar Sales, by Flavor, New York

*Sales data do not reflect sales from vape shops or online retailers; dates represent end of 4-week periods. Total number of pouches sold calculated based on information provided in scanner data and represents individual pouches sold within a can.

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Trends of Pouch Dollar Sales by Flavor from 9/11/2022 to 09/08/2024

Total nicotine pouch dollar sales increased from \$6.2 million to \$21.0 million (+241.3%).

Tobacco-flavored nicotine pouch dollar sales increased from \$0 to \$60; unit share remained 0%.

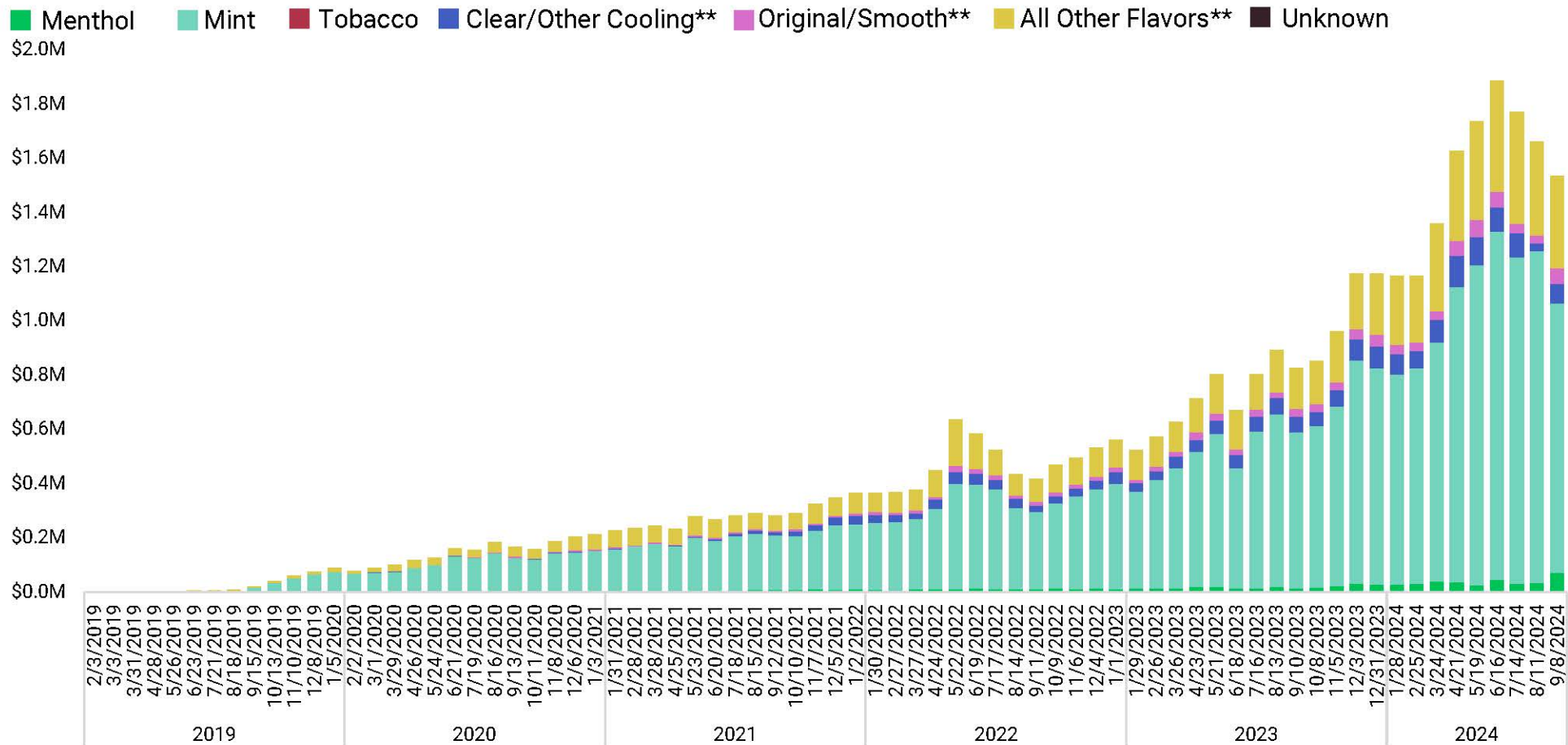
Menthol-flavored nicotine pouch dollar sales increased from \$108.9 thousand to \$481.4 thousand (+341.9%); unit share increased from 1.8% to 2.3%.

Mint-flavored nicotine pouch dollar sales increased from \$4.3 million to \$13.2 million (+203.5%); unit share decreased from 70.4% to 62.6%.

All other-flavored nicotine pouch dollar sales increased from \$1.4 million to \$5.2 million (+275.7%); unit share increased from 22.5% to 24.8%.

Clear/other cooling-flavored nicotine pouch dollar sales increased from \$186.0 thousand to \$1.2 million (+531.4%); unit share increased from 3.0% to 5.6%.

Original/Smooth nicotine pouch dollar sales increased from \$141.1 thousand to \$994.1 thousand (+604.6%); unit share increased from 2.3% to 4.7%.

Figure 5. Total Nicotine Pouch Dollar Sales, by Flavor, Rhode Island

*Sales data do not reflect sales from vape shops or online retailers; dates represent end of 4-week periods. Total number of pouches sold calculated based on information provided in scanner data and represents individual pouches sold within a can.

**Clear/Other Cooling include products with flavor names such as clear, clear ice, or unflavored, which likely contain non-menthol synthetic cooling agents (e.g., Zyn Chill, Oco Clear). Original/smooth includes products with flavor names such as smooth or original which likely contain artificial sweeteners (e.g., Zyn Smooth, On! Original, Zyn Original). All Other Flavors category includes fruit, clove/spice, chocolate, alcoholic drink (such as wine, cognac, or other cocktails), candy/desserts/other sweets, or some other flavor.

Trends of Pouch Dollar Sales by Flavor from 9/11/2022 to 09/08/2024

Total nicotine pouch dollar sales increased from \$418.0 thousand to \$1.5 million (+267.2%).

Tobacco-flavored nicotine pouch dollar sales increased from \$0 to \$0.2 thousand; unit share increased from 0% to 0.01%.

Menthol-flavored nicotine pouch dollar sales increased from \$11.9 thousand to \$73.0 thousand (+511.7%); unit share increased from 2.9% to 4.8%.

Mint-flavored nicotine pouch dollar sales increased from \$284.8 thousand to \$993.1 thousand (+248.6%); unit share decreased from 68.1% to 64.7%.

All other-flavored nicotine pouch dollar sales increased from \$83.8 thousand to \$340.6 thousand (+306.4%); unit share increased from 20.0% to 22.2%.

Clear/other cooling-flavored nicotine pouch dollar sales increased from \$23.2 thousand to \$71.4 thousand (+208.1%); unit share decreased from 5.5% to 4.7%.

Original/Smooth nicotine pouch dollar sales increased from \$14.2 thousand to \$56.4 thousand (+296.4%); unit share increased from 3.4% to 3.7%.



Board of Health Town of Needham AGENDA FACT SHEET

MEETING DATE: August 8, 2025

Agenda Item	2025 Fuss & O'Neill Synthetic Turf Re-Testing Report - Follow-up on Arsenic discussion
Presenter(s)	Tara Gurge, Assistant Public Health Director Juile McCarthy, Epidemiologist Timothy McDonald, Director of Health & Human Services

1.	BRIEF DESCRIPTION OF TOPIC TO BE DISCUSSED
This is a follow-up to the last Board of Health meeting presentation given by representatives with Fuss & O'Neill, specifically, Evan Koncewicz, Environmental Geologist and Neal Kelly, Massachusetts Board of Hazardous Waste Site Cleanup Licensed Site Professional (LSP). The Board asked Fuss & O'Neill to add the confidence interval data to the Arsenic chart that was shared during the presentation. For Arsenic, the reporting limit (RL) was 3.35, the excess lifetime cancer risk (ELCR) was 2.5, and the method detection limit (MDL) for this method is 0.5. Our Arsenic samples were below the MDL, this is why they are considered estimates and confidence intervals cannot be created. The MDL is lower than the ELCR, so our sample is below the cancer risk level.	
2.	VOTE REQUIRED BY BOARD OF HEALTH
No vote requested.	
3.	BACK UP INFORMATION:
a) Copy of June 2025 Crumb Rubber Turf Retest report. b) Copy of Fuss & O'Neill Presentation from 6/20/25 BOH meeting. c) Follow-up email from Fuss & O'Neill dated 7/18/25.	

Crumb Rubber Monitoring Results Memorial Park & DeFazio Park Needham, Massachusetts

Needham Health Department
Needham, Massachusetts

June 2025

June 3, 2025

Ms. Tara Gurge, R.S., C.E.H.T., M.S.
Assistant Public Health Director
Needham Public Health Division
Health and Human Services Department
178 Rosemary Street
Needham, MA 02494

RE: **Crumb Rubber Monitoring Results – June 2025**
Memorial and DeFazio Parks
Needham, Massachusetts
Fuss & O'Neill Project No. 20081266.B51

Dear Ms. Gurge:

Enclosed is the summary report for crumb rubber testing performed at the artificial turf athletic fields located at Memorial Park and DeFazio Park in Needham, Massachusetts in April 2025.

If you should have any questions regarding the contents of this report, please do not hesitate to contact the undersigned below. Thank you for this opportunity to have served your environmental needs.

Sincerely,



Evan Koncewicz
Environmental Geologist
(617) 379-5895



Neal Kelly, LSP
Associate
(781) 987-4323

Enclosure

Table of Contents

Crumb Rubber Monitoring Results
Memorial Park & DeFazio Park
Needham Health Department

1 Introduction and Background1

2 Methodology and Scope of Testing.....1

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1 Summary of Crumb Rubber Monitoring Results

2 Real-Time Measurements

Figures End of Report

1 Site Plan – DeFazio Park

2 Site Plan – Memorial Park

Appendices End of Report

Appendix A – Laboratory Analytical Reports & Chain-of-Custody Forms

Appendix B – Sampling Equipment

Appendix C – Field Logs



1 Introduction and Background

Fuss & O'Neill, Inc. (Fuss & O'Neill) was retained by the Needham Health Department (the "Client") to perform periodic monitoring of the crumb rubber used at the artificial turf athletic fields in Needham, Massachusetts. The study involved the collection of field measurements and crumb rubber samples from Memorial Park (Needham High School Field, 92 Rosemary Street) and DeFazio Park (Brock Field and Founders Field, 380 Dedham Avenue) for laboratory analysis. The laboratory data were compared to toxicity reference data from the Massachusetts Department of Environmental Protection (MassDEP).

Historically the crumb rubber samples were submitted for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and total metals. Following detections of zinc above applicable criteria and elevated arsenic detection limits during the October 2024 sampling event, the Client retained Fuss & O'Neill to resample for arsenic and zinc during the April 2025 event.

On April 7, 2025, Mr. Christopher Juliano of Fuss & O'Neill performed the crumb rubber sampling in accordance with our proposal dated March 13, 2025.

2 Methodology and Scope of Testing

On April 7, 2025, Mr. Juliano of Fuss & O'Neill met Ms. Tara Gurge of the Needham Health Department to access the three athletic fields to perform the sampling and monitoring activities. A six-point composite sample of crumb rubber was collected from each artificial turf athletic field using laboratory provided dedicated glass jars. The composite samples contained crumb rubber collected from six locations of each artificial turf athletic field. Approximate discrete locations from which the material was collected to make up the composite samples are indicated on *Figure 1* (Memorial Park) and *Figure 2* (DeFazio Park). Samples were collected from the Needham High School Field in Memorial Park (sample 1643250407-01), from Founders Field (sample 1643250407-02) and Brock Field in DeFazio Park (sample 1643250407-03) as indicated in *Table 1*.

The composite samples were submitted to EMSL Analytical Laboratory of Cinnaminson, New Jersey (EMSL). The crumb rubber was analyzed for trace metals by Environmental Protection Agency (EPA) Methods 6020B (Inductively Coupled Plasma–Mass Spectrometry (ICP-MS). EMSL subcontracted the analysis of trace metals to ALS Laboratories of Holland, Michigan. Copies of the laboratory analytical data packages are included in *Appendix A*.

Real-time ambient conditions were monitored during crumb rubber sampling. Total organic vapors (TOVs) were measured using an Ion Science Tiger Photoionization Detector (PID). Volatile organic compounds (VOCs) are a subset of TOVs. A TSI Q-Trak Air Quality Monitor was used to record ambient temperature and relative humidity (RH). Refer to *Appendix B* for a list of sampling equipment, and *Table 2* for real-time measurements.

3 Results

Analytical data are summarized in *Table 1*. Zinc was detected below applicable criteria in all three samples. Arsenic was not detected in any sample at a reportable concentration, however, the

laboratory reporting limits (MRLs) for arsenic were slightly greater than the risk-based level of 2.5 mg/kg used. The April 23, 2025, laboratory report attributed the elevated MRLs to sample dilution from high concentrations of non-target analytes. Fuss & O'Neill therefore asked the laboratory to provide the laboratory method detection limits (MDLs). The revised May 6, 2025, laboratory package shows the same MRLs however provides the requested MDLs. The revised laboratory report indicated arsenic concentrations reported below MDLs and below the risk-based level, allowing for confident detection at concentrations beneath the applicable criteria. The MDL refers to the minimum concentration of an analyte that can be detected by the laboratory with a degree of confidence.

Real-time measurements provided in *Table 2* indicate TOVs were recorded at concentrations at an average or below 0.1 parts per million by volume (ppmv) in ambient air at each of the fields during sampling activities. Readings recorded as less than or equal to 1.0 ppmv likely were a result of moisture in ambient air effecting the PID detector lamp. The ambient relative humidity at the time of sampling was between 43 and 70 percent, within a 53 to 40.3 degree Fahrenheit environment (recorded within a few inches of the surface).

4 Data Evaluation

The Massachusetts Contingency Plan (MCP; 310 CMR 40.0000) establishes soil standards for a variety of uses based on publicly-available toxicity data for a range of compounds, including VOCs, SVOCs, and metals. The numerical standards and their derivations are publicly-available¹.

MassDEP generally establishes these standards based on four criteria:

- Publicly-available toxicity data, including EPA and MassDEP Office of Research and Standards (ORS) data, and peer-reviewed industry sources.
- Typical background levels in New England soil.
- Ceiling concentrations (i.e. maximum concentrations set for compounds of limited toxicity).
- Practical quantification limits (PQLs), i.e. levels which analytical laboratories can reliably quantify.

In its toxicity calculations for Method 1 S-1 Soil Standards (applicable to sensitive land uses, including residences, schools and day-care facilities), MassDEP considers inhalation and skin-absorption risks over exposures from infancy to adulthood. Fuss & O'Neill evaluated the crumb rubber analytical results relative to MassDEP's published toxicity levels (i.e. the levels which would be used in the absence of ceiling, background or PQL considerations). For metals, concentrations were compared to MassDEP Residential Receptor Direct Contact Risk-Based Soil Concentration Levels. These values are included in *Table 1*.

As noted on *Table 1*, zinc was detected in all samples at concentrations below the MassDEP Risk based level (15,000 mg/kg) and less than the historically reported range. Arsenic was not detected in any of the samples above method detection limits. The MassDEP exposure levels assume continuous high-contact exposure (five days per week, 30 weeks per year) over a multiple-year duration and are therefore conservative with regard to the actual exposures for users of the field.

¹ MassDEP, December 2017, "MCP Numerical Standards." <https://www.mass.gov/doc/mcp-numerical-standards-derivation/download>, accessed May 2025.

Compared to analytical data from October 2024, the concentration of zinc was much less during the April 2025 sampling event. Detected concentrations of zinc in October 2024 ranged from 12,600 to 15,200 mg/kg and had a sample in exceedance of the 15,000 mg/kg risk-based level. The April 2025 sampling event detected concentrations of zinc ranging from 3,160 to 4,240 mg/kg which were beneath the risk-based level. Method detection limits of arsenic were additionally in exceedance of the risk-based level during the October 2024 sampling event and ranged from 12.9 to 13.2 mg/kg. Method detection limits for arsenic were beneath the risk-based level during the May 2025 sampling event, ranging from 0.375 to 0.402 mg/kg.

5 Conclusions

Fuss & O'Neill collected field and analytical data to characterize the crumb rubber at three athletic fields in Needham, Massachusetts in April 2025 following detections of zinc above applicable criteria and elevated arsenic detection limits during the October 2024 sampling event. The analytical results of zinc and arsenic were compared to MassDEP risk-based guidance levels for soil, to evaluate potential health risks associated with the use of the crumb rubber media on these athletic fields. The following conclusions were formed:

- The concentrations of zinc in all three composite samples were less than the MassDEP risk-based threshold value, which is derived from an assumption of high-intensity exposure for a multi-year duration on a consistent basis.
- The laboratory method detection limit concentrations of arsenic in all three samples were less than the MassDEP risk-based threshold value.

Tables

Table 1
Summary of Crumb Rubber Monitoring Results – Collected April 7, 2025

Analyte	Analytical Results			Risk-Based Levels
	Memorial Park	DeFazio Park		
	Needham High School 1643250407-01	Founders Field 1643250407-02	Brock Field 1643250407-03	
Total Metals – dry weight (mg/kg) by method 6020B				
Arsenic	ND < 3.12 (0.375)	ND < 3.31 (0.397)	ND < 3.35 (0.402)	2.5
Zinc	3,990	4,240	3,160	15,000

ND: None Detected

ND<X (X): <X value is the laboratory method reporting limit (MRL) and the X value in the parenthesis is the laboratory reported method detection limit (MDL) where analyte MDLs were not detected above the Risk Based Levels.

Italicized value indicates that the reporting value exceeds the Risk Based Level.

Table 2
Real-Time Measurements, Needham Crumb Rubber Sampling –April 7, 2025

Location	TOVs (ppmv)	Temperature (°F)	RH (%)
Needham High School (HS)	0.1	53	43
Founders Field (D1)	0.0	47.5	49.4
Brock Field (D2)	0.0	40.3	70

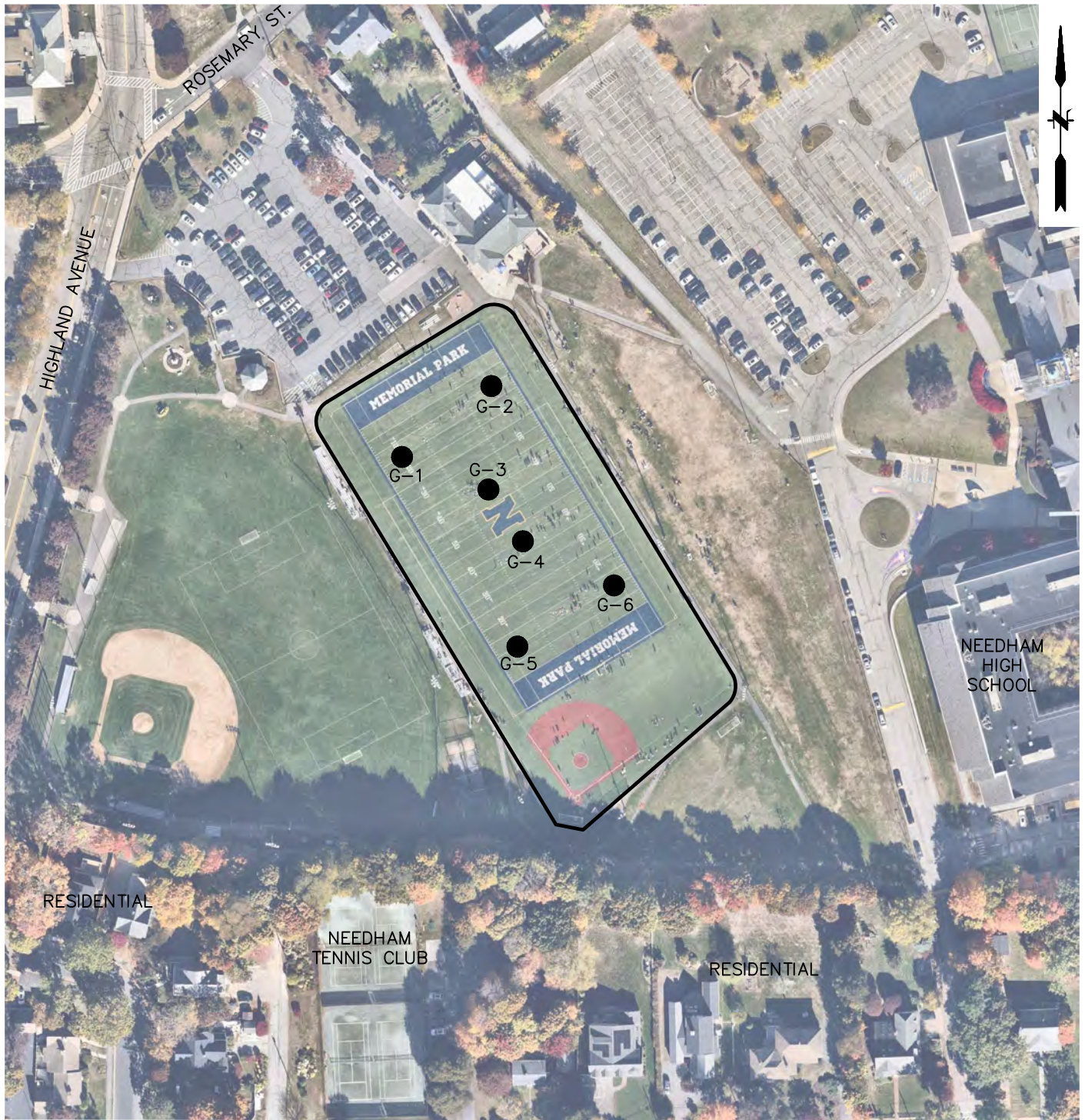
TOVs, temperature and relative humidity were collected from a discrete location at each field.

ppmv: Parts per million by volume

°F: Degrees Fahrenheit

RH: Relative Humidity

Figures



REFERENCES:

1. AERIAL IMAGE WAS TAKEN FROM THE WEBSITE
[HTTP://WWW.NEARMAP.COM](http://www.nearmap.com), DATED 2024.
2. FIELD BOUNDIES APPROXIMATE BASED ON SITE
OBSERVATIONS.

LEGEND



PARK BOUNDARY



SAMPLE LOCATIONS TO
FORM COMPOSITE

SCALE:	
HORZ.: 1" = 150'	
VERT.: -	
DATUM:	
HORZ.: -	
VERT.: -	
0 125' 150'	
GRAPHIC SCALE	

**FUSS &
O'NEILL**

108 MYRTLE STREET, SUITE 502
QUINCY, MA 02171
617.282.4675
www.fando.com

NEEDHAM HEALTH DEPARTMENT

SITE PLAN

MEMORIAL PARK - 92 ROSEMARY ROAD

NEEDHAM

MASSACHUSETTS

PROJ. No.: 20081266.B51
DATE: MAY 2025

FIGURE 1



REFERENCES:

1. AERIAL IMAGE WAS TAKEN FROM THE WEBSITE
[HTTP://WWW.NEARMAP.COM](http://www.nearmap.com), DATED 2024.
2. FIELD BOUNDRIES APPROXIMATE BASED ON SITE
OBSERVATIONS.

LEGEND

-  FOUNDERS FIELD BOUNDARY
-  BROCK FIELD BOUNDARY
-  SAMPLE LOCATIONS TO FORM COMPOSITE

SCALE:	
HORZ.:	1" = 200'
VERT.:	-
DATUM:	
HORZ.:	-
VERT.:	-
0 150' 200'	
GRAPHIC SCALE	

**FUSS &
O'NEILL**

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617.282.4675
www.fando.com

NEEDHAM

NEEDHAM HEALTH DEPARTMENT

SITE PLAN

DEFAZIO PARK - 380 DEDHAM ROAD

MASSACHUSETTS

PROJ. No.: 20081566.B51
DATE: MAY 2025

FIGURE 2

Appendix A

Laboratory Analytical Reports & Chain of Custody Forms



EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax: cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012516803
LIMS Reference ID: AD16803
EMSL Customer ID: ENVI54

April 24, 2025

Chris Lore
Fuss & O'Neill, Inc. [ENVI54]
One Financial Plaza, 15th Floor
Hartford, CT 06103

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/10/2025. The results are tabulated on the attached pages for the following client designated project:

Needham Crumb Rubber - 20081266.B51

The reference number for these samples is EMSL Order #: AD16803 . Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact the lab at 856-858-4800.

Owen McKenna Laboratory Manager or other approved signatory

**EMSL Analytical, Inc.**

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012516803**LIMS Reference ID:** AD16803**EMSL Customer ID:** ENVI54

Attention: Chris Lore
Fuss & O'Neill, Inc. [ENVI54]
One Financial Plaza, 15th Floor
Hartford, CT 06103
(860) 646-2469
chris.lore@fando.com

Project Name: Needham Crumb Rubber - 20081266.B51

Customer PO:
EMSL Sales Rep: Jeromy Bish
Received: 04/10/2025 10:30
Reported: 04/24/2025 18:46

Positive Hits Summary

No positive results reported



FUSS & O'NEILL ENVIROSCIENCE, LLC

Disciplines to Deliver

(860) 646-2469 • www.FandO.com

AD116803

- ☒ 146 Hartford Road, Manchester, CT 06040
- ☐ 56 Quarry Road, Trumbull, CT 06611
- ☐ 1419 Richland Street, Columbia, SC 29201
- ☐ 78 Interstate Drive, West Springfield, MA 01089

- ☒ 108 Myrtle Street, #502, North Quincy, MA 02171
- ☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD

4559

Turnaround

- ☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
- ☐ 2 Days* ☒ Standard (____ days) *Surcharge Applies

PROJECT NAME: Needham Crumb Rubber PROJECT LOCATION: Needham MA

PROJECT NUMBER

20081266.B51

LABORATORY

EMSL/ALS

REPORT TO: Evan Korcewicz

INVOICE TO:

P.O. NO.: 20081266.B51

Sampler's Signature:

Date: 4/7/2005

Source Codes:

MW=Monitoring Well

PW=Potable Water

S=Soil

W=Waste

SW=Surface Water

T=Treatment Facility

B=Sediment

A=Air

X=Other Crumb Rubber

Analysis Request

Containers

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request										Comments
	1	2	3	4															
1					1643250407 - 01	X	4/7/25	1130	Arsenic/zinc (Prefered 6000 B if only use 6000 B if detection limit can be met)										
2					- 02	X		1230											
3					- 03	X		1300											
									Soil VOA Vial, 1 methanol Soil VOA Vial, 1 water Glass Soil Container (4) oz Glass Soil Container () oz Other: Water VOA Vial, 1 As is 1 HCl Glass Amber () ml, 1 As is 1 HCl Plastic - H ₂ SO ₄ , 1 250 ml 1 500 ml 1 1000 ml Plastic - HNO ₃ , 250 ml 1 500 ml 1 1000 ml Plastic - NaOH, 250 ml 1 500 ml 1 1000 ml										
									Soil VOA Vial, 1 methanol										
									Soil VOA Vial, 1 water										
									Glass Soil Container (4) oz										
									Glass Soil Container () oz										
									Other:										
									Water VOA Vial, 1 As is 1 HCl										
									Glass Amber () ml, 1 As is 1 HCl										
									Plastic - H ₂ SO ₄ , 1 250 ml 1 500 ml 1 1000 ml										
									Plastic - HNO ₃ , 250 ml 1 500 ml 1 1000 ml										
									Plastic - NaOH, 250 ml 1 500 ml 1 1000 ml										
									Unfiltered										

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	Chris In	Donnelly (FX)	4/10/05	10:30am	please meet detection limits: Arsenic - 2.5 mg/kg zinc 15,000 mg/kg
2					Additional Comments:
3					Send samples to ALS Lab, Holland, Michigan
4					

15.6C



right solutions.
right partner.

April 23, 2025

Travis Albert
EMSL Analytical
200 Route 130 North
Cinnaminson, NJ 08077

Work Order: **HN2504814**

Re: **AD16803**

Dear Travis,

Enclosed are the results of the sample(s) submitted to our laboratory.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Chelsey Cook

/S/ CHELSEY COOK

Project Manager



Client: EMSL Analytical
Project: AD16803

Work Order: HN2504814
Date Received: 15-Apr-2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt

3 soil/solid samples were received for analysis at ALS Environmental on 15-Apr-2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals

EPA 6020B-3050B-S

Batch ID: 3073778

The concentration in the Method Blank was greater than the quantitation limit. Positive results in the batch may be biased high for this analyte: Cu batch 1956896

The MSD recovery was above the upper control limit. The corresponding result in the parent sample may be biased high for this analyte: K batch 1956896

The matrix spike recoveries are unavailable due to dilution below the calibration range. K batch 1956896

The RPD between the MS and MSD was outside of the control limit. The corresponding result should be considered estimated for this compound: K batch 1956896

The MSD recovery was outside of the control limit; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required for this analyte: Pb batch 1956896

The MS recovery was outside of the control limit. However, the MSD recovery and the RPD between the MS and MSD was in control. No qualification is required for this analyte: As, Pb batch 1956895

The MS recovery was outside of the control limit; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required for this analyte: Pb batch 1956896

Batch ID: 3072027

The concentration in the Method Blank was greater than the quantitation limit. Positive results in the batch may be biased high for this analyte: Cu batch 1956896

The MSD recovery was outside of the control limit; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required for this analyte: Al Ba Ca Fe Pb Mg Mn Zn batch 1956896

The MS recovery was outside of the control limit; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required for this analyte: Al Ba Ca Fe Pb Mg Mn Zn batch 1956896

HN2504814-001: Arsenic - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. As

HN2504814-002: Arsenic - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. As

HN2504814-003: Arsenic - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. As

SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting limits.

For a full listing of sample results, continue to the Sample Results section of this Report.



CLIENT ID: AD16803-01		Lab ID: HN2504814-001			
Analyte	Results	Flag	MRL	Units	Method
Percent Moisture	11.9		0.1	%	EPA 3550C
Zinc	3990		62.5	mg/kg	EPA 6020B

CLIENT ID: AD16803-02		Lab ID: HN2504814-002			
Analyte	Results	Flag	MRL	Units	Method
Percent Moisture	8.5		0.1	%	EPA 3550C
Zinc	4240		66.2	mg/kg	EPA 6020B

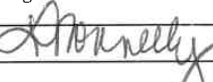
CLIENT ID: AD16803-03		Lab ID: HN2504814-003			
Analyte	Results	Flag	MRL	Units	Method
Percent Moisture	11.0		0.1	%	EPA 3550C
Zinc	3160		67.0	mg/kg	EPA 6020B

SAMPLE SUMMARY



Client: EMSL Analytical
Project: AD16803
Workorder: HN2504814

Laboratory Sample ID	Client Sample ID	Sample Matrix	Collection Date	Date Received
HN2504814-001	AD16803-01	SOIL/SOLID	04/07/25 11:30	04/15/25 09:00
HN2504814-002	AD16803-02	SOIL/SOLID	04/07/25 12:30	04/15/25 09:00
HN2504814-003	AD16803-03	SOIL/SOLID	04/07/25 13:00	04/15/25 09:00

EMSL Analytical, Inc. Environmental Chemistry Lab Service 200 Route 130 North, Cinnaminson, NJ 08077 TEL: (856) 858-4800 FAX: (856) 786-5974				Chain of Custody / Analysis Request Form Print ALL Information. Incomplete chain of custody could result in the delay of analysis.				EMSL Project # AD16803 Account Rep: __ENVI54__ Indicate State where samples were collected: <u>MA</u>							
REPORT RESULTS TO:				SEND INVOICE TO:				Turnaround Time DUE 4/25 Analytical Laboratory Services 3352 128th Ave Holland MI 49424 616-403-6136							
Name: Travis Albert PO#:				Name: PO#:											
Company EMSL Analytical, Inc.				Company EMSL Analytical, Inc.											
Address: 200 Route 130 North				Address: 200 Route 130 North											
City: Cinnaminson				City: Cinnaminson											
State: NJ Zip: 08077				State: NJ Zip: 08077				PROJECT NAME:							
Tel: 856-858-4800 ext. 2548 Fax: 856-854-2362				Tel: 856-858-4800 Fax: 856-854-2362				Date of Sample Shipment: 4/14/25							
Email: <u>sublab@emsl.com</u>				# of Samples in Shipment: 3 (3 jars each)											
Sampled by: (Signature) EMSL CLIENT				Matrix		Preservative		Sampling		List Method and Test Needed					
Lab Sample Number				Waste Water		SLUDGE		DATE		TIME		Metals by ICP (6020B)			
1. AD16803-01								4/07/25		11:30a		X			
2. AD16803-02								4/07/25		12:30		X			
3. AD16803-03								4/07/25		1300		X			
4.															
Released By Signature		Date & Time Released		Delivery Method		Received By Signature		Date & Time Received		Condition Noted					
		4/14/25		FedEx				4-8-25 900		164 JLB					
Please indicate reporting requirements: ☐ 1. Results Only ☒ 2. Results and QC ☐ 3. Reduced Deliverables ☐ 4. Disk Deliverable ☐ 5. Other															
Comments: Analyze for As, Zn by 6020B															

Page 5 of 13



Telephone : +1 616 399 6070

ALS Holland Sample Receiving Checklist

Received by:

Date/Time:

Carrier Name:

Shipping container/cooler in good condition?

~~Yes~~ / No / Not Present

Custody seals intact on shipping container/cooler?

Yes / No / ~~Not~~ Present

Custody seals intact on sample bottles?

Yes / No / ☒ Not Present

Chain of Custody present?

Yes / No

COC signed when relinquished and received?

Yes / No

COC agrees with sample labels?

Yes / No

Samples in proper container/bottle?

Yes / No

Sample containers intact?

Yes / No

Sufficient sample volume for indicated test?

Yes / No

All samples received within holding time?

Yes / No

Container/Temp Blank temperature in compliance?

Yes / No

Temperature(s) (°C):

Thermometer(s):

Sample(s) received on ice?

Yes / ~~No~~

Matrix/Matrices:

Cooler(s)/Kit(s):

Date/Time sample(s) sent to storage:

Water – VOA vials have zero headspace?

Yes / No / ~~No Vials~~

Water – pH acceptable upon receipt?

Yes / No / ~~N/A~~

pH strip lot #: _____ < 2 _____ > 12 _____ Other _____

pH adjusted (note adjustments below)?

Yes / No / N/A

pH adjusted by:

Login Notes:

--	--	--

REPORT QUALIFIERS AND DEFINITIONS

*	Value exceeds Regulatory Limit (if MCL displayed)
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
NC	Not Calculated
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
V	The Continuing Calibration Verification was outside of control criteria
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

Holland Laboratory Certifications¹

Agency	Type	ID	Issued	Expires
Alabama	Drinking Water (Secondary)	42500	12/17/2024	12/31/2025
Colorado	UST		06/21/2024	06/30/2025
Connecticut	Drinking Water (Secondary)	PH-0155	12/10/2024	12/31/2026
Florida	NELAP (Primary)	E871106	07/01/2024	06/30/2025
Illinois	NELAP (Secondary)	200076	11/14/2024	12/31/2025
Indiana	Drinking Water (Secondary)	C-MI-08	12/31/2024	09/04/2026
Iowa	State Specific	403	09/18/2023	09/01/2025
Kansas	NELAP (Secondary)	E-10411	07/09/2024	07/31/2025
Kentucky	Waste Water	KY98004	12/20/2024	12/31/2025
Kentucky	UST	120474	06/24/2024	06/30/2025
Michigan	Drinking Water (Primary)	0022	12/19/2023	09/04/2026
Minnesota	NELAP (Secondary)	026-999-449	12/17/2024	12/31/2025
Missouri	Drinking Water (Secondary)	01262	11/14/2024	12/30/2027
New Jersey	NELAP (Secondary)	MI015	07/01/2024	6/30/2025
New York	NELAP (Secondary)	12128	04/01/2024	04/01/2025
North Dakota	State Specific	R-192	11/18/2024	06/30/2025
Ohio	Drinking Water (Secondary)	87783	06/25/2024	6/30/2025
Pennsylvania	NELAP (Secondary)	68-03827	06/14/2024	07/31/2025
Texas	NELAP (Secondary)	T104704494	02/12/2025	01/31/2026
USDA	Domestic CA	Soil-MI-007	02/06/2025	08/07/2026
USDA	Soil Import	525-23-62-77572	03/03/2023	03/03/2026
West Virginia	State Specific	355	02/04/2025	08/31/2025
Wisconsin	State Specific	399084510	08/15/2024	08/31/2025

¹ - Scope available upon request

ANALYST SUMMARY



Client: EMSL Analytical
Project: AD16803

Work Order: HN2504814

Sample Name: AD16803-01
Laboratory Code: HN2504814-001
Sample Matrix: SOIL/SOLID

Date Collected: 04/07/25
Date Received: 04/15/25

Analysis Method	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C	1952125		3060436	Jeffrey Blakeman
EPA 6020B	1956896	Elise Poll	3073778	Stephanie Pierson
EPA 6020B	1956896	Elise Poll	3072027	Stephanie Pierson

Sample Name: AD16803-02
Laboratory Code: HN2504814-002
Sample Matrix: SOIL/SOLID

Date Collected: 04/07/25
Date Received: 04/15/25

Analysis Method	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C	1952125		3060436	Jeffrey Blakeman
EPA 6020B	1956896	Elise Poll	3073778	Stephanie Pierson
EPA 6020B	1956896	Elise Poll	3072027	Stephanie Pierson

Sample Name: AD16803-03
Laboratory Code: HN2504814-003
Sample Matrix: SOIL/SOLID

Date Collected: 04/07/25
Date Received: 04/15/25

Analysis Method	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C	1952125		3060436	Jeffrey Blakeman
EPA 6020B	1956896	Elise Poll	3073778	Stephanie Pierson
EPA 6020B	1956896	Elise Poll	3072027	Stephanie Pierson

Analytical Report



Client: EMSL Analytical
Project: AD16803
Matrix: SOIL/SOLID

Work Order: HN2504814
Date Collected: 04/07/25 11:30
Date Received: 04/15/25 09:00

CLIENT ID: AD16803-01

Lab ID: HN2504814-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
General Chemistry Parameters								
Percent Moisture	EPA 3550C	11.9		%	0.1	1	04/15/25 13:53	NA
Metals								
Arsenic	EPA 6020B	ND	U	mg/kg	3.12	10	04/22/25 00:21	04/18/25 09:59
Zinc	EPA 6020B	3990		mg/kg	62.5	100	04/22/25 13:58	04/18/25 09:59

Analytical Report



Client: EMSL Analytical
Project: AD16803
Matrix: SOIL/SOLID

Work Order: HN2504814
Date Collected: 04/07/25 12:30
Date Received: 04/15/25 09:00

CLIENT ID: AD16803-02

Lab ID: HN2504814-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
General Chemistry Parameters								
Percent Moisture	EPA 3550C	8.5		%	0.1	1	04/15/25 13:53	NA
Metals								
Arsenic	EPA 6020B	ND	U	mg/kg	3.31	10	04/22/25 00:23	04/18/25 09:59
Zinc	EPA 6020B	4240		mg/kg	66.2	100	04/22/25 14:00	04/18/25 09:59

Analytical Report



Client: EMSL Analytical
Project: AD16803
Matrix: SOIL/SOLID

Work Order: HN2504814
Date Collected: 04/07/25 13:00
Date Received: 04/15/25 09:00

CLIENT ID: AD16803-03	Lab ID: HN2504814-003
------------------------------	------------------------------

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
General Chemistry Parameters								
Percent Moisture	EPA 3550C	11.0		%	0.1	1	04/15/25 13:53	NA
Metals								
Arsenic	EPA 6020B	ND	U	mg/kg	3.35	10	04/22/25 00:24	04/18/25 09:59
Zinc	EPA 6020B	3160		mg/kg	67.0	100	04/22/25 14:01	04/18/25 09:59

QA/QC Report



Client: EMSL Analytical
Project: AD16803
Matrix: SOIL/SOLID
Batch: 1952125

Work Order: HN2504814
Date Collected: NA
Date Received: NA

General Chemistry Parameters

MB	CLIENT ID: Method Blank	Lab ID: QC-1952125-001
----	-------------------------	------------------------

Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 04/15/25 13:05
Prep Date: NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	ND	%	0.1							U

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-1952125-002
-----	--------------------------------------	------------------------

Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 04/15/25 13:05
Prep Date: NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	100	%	0.1	100		100	98-102			

DUP	CLIENT ID: Batch QC	Lab ID: QC-1952125-004
-----	---------------------	------------------------

Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 04/15/25 13:05
Prep Date: NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	51.7	%	0.1		51.8			0.0580	10	

DUP	CLIENT ID: Batch QC	Lab ID: QC-1952125-015
-----	---------------------	------------------------

Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 04/15/25 13:54
Prep Date: NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	25.8	%	0.1		25.6			0.779	10	

The following samples were analyzed in this batch:

QA/QC Report



Client: EMSL Analytical
Project: AD16803
Matrix: SOIL/SOLID
Batch: 1956896

Work Order: HN2504814
Date Collected: NA
Date Received: NA

Metals

MB	CLIENT ID: Method Blank	Lab ID: QC-1956896-001
----	-------------------------	------------------------

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 04/21/25 23:53
Prep Date: 04/18/25 10:00

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	ND	mg/kg	0.250							U
Zinc	ND	mg/kg	0.500							U

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-1956896-002
-----	--------------------------------------	------------------------

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 04/21/25 23:55
Prep Date: 04/18/25 10:00

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	4.94	mg/kg	0.250	5		98.9	80-120			
Zinc	5.23	mg/kg	0.500	5		105	80-120			

MS	CLIENT ID: Batch QC	Lab ID: QC-1956896-004
----	---------------------	------------------------

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 04/21/25 23:59
Prep Date: 04/18/25 10:00

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	6.26	mg/kg	0.341	5.359	1.58	93.6	75-125			
Zinc	507	mg/kg	0.682	5	557	NC	75-125			EO

MSD	CLIENT ID: Batch QC	Lab ID: QC-1956896-005
-----	---------------------	------------------------

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 04/22/25 00:01
Prep Date: 04/18/25 10:00

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	5.99	mg/kg	0.336	5.2743	1.58	90.0	75-125	4.44	20	
Zinc	362	mg/kg	0.671	5	557	NC	75-125	33.4	20	EOR

The following samples were analyzed in this batch: HN2504814-001, HN2504814-002, HN2504814-003

May 06, 2025

Travis Albert
EMSL Analytical
200 Route 130 North
Cinnaminson, NJ 08077

Re: **AD16803**

Work Order: **HN2504814**

Revision: **1**

Dear Travis,
Enclosed are the results of the sample(s) submitted to our laboratory.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to contact me:
ADDRESS: 3352 128th Avenue, Holland, MI, USA PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Chelsey Cook

/S/ DALE SCHIPPER on behalf of PM listed above

Project Manager



Client: EMSL Analytical
Project: AD16803

Work Order: HN2504814
Date Received: 15-Apr-2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt

3 soil/solid samples were received for analysis at ALS Environmental on 15-Apr-2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals

EPA 6020B-3050B-S

Batch ID: 3073778

The RPD between the MS and MSD was outside of the control limit. The corresponding result should be considered estimated for this compound: K batch 1956896

The MS recovery was outside of the control limit; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required for this analyte: Pb batch 1956896

The concentration in the Method Blank was greater than the quantitation limit. Positive results in the batch may be biased high for this analyte: Cu batch 1956896

The MSD recovery was above the upper control limit. The corresponding result in the parent sample may be biased high for this analyte: K batch 1956896

The MSD recovery was outside of the control limit; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required for this analyte: Pb batch 1956896

The MS recovery was outside of the control limit. However, the MSD recovery and the RPD between the MS and MSD was in control. No qualification is required for this analyte: As, Pb batch 1956895

The matrix spike recoveries are unavailable due to dilution below the calibration range. K batch 1956896

Batch ID: 3072027

The concentration in the Method Blank was greater than the quantitation limit. Positive results in the batch may be biased high for this analyte: Cu batch 1956896

The MSD recovery was outside of the control limit; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required for this analyte: Al Ba Ca Fe Pb Mg Mn Zn batch 1956896

The MS recovery was outside of the control limit; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required for this analyte: Al Ba Ca Fe Pb Mg Mn Zn batch 1956896

HN2504814-001: Arsenic - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. As

HN2504814-002: Arsenic - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. As

HN2504814-003: Arsenic - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. As



SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting limits.

For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: AD16803-01	Lab ID: HN2504814-001
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Analyte	Results	Flag	MDL	MRL	Units	Method
Percent Moisture	11.9		0.1	0.1	%	EPA 3550C
Zinc	3990		61.3	62.5	mg/kg	EPA 6020B

CLIENT ID: AD16803-02	Lab ID: HN2504814-002
-----------------------	-----------------------

Analyte	Results	Flag	MDL	MRL	Units	Method
Percent Moisture	8.5		0.1	0.1	%	EPA 3550C
Zinc	4240		64.9	66.2	mg/kg	EPA 6020B

CLIENT ID: AD16803-03	Lab ID: HN2504814-003
-----------------------	-----------------------

Analyte	Results	Flag	MDL	MRL	Units	Method
Percent Moisture	11.0		0.1	0.1	%	EPA 3550C
Zinc	3160		65.6	67.0	mg/kg	EPA 6020B

SAMPLE SUMMARY



Client: EMSL Analytical
Project: AD16803
Workorder: HN2504814

Laboratory Sample ID	Client Sample ID	Sample Matrix	Collection Date	Date Received
HN2504814-001	AD16803-01	SOIL/SOLID	04/07/25 11:30	04/15/25 09:00
HN2504814-002	AD16803-02	SOIL/SOLID	04/07/25 12:30	04/15/25 09:00
HN2504814-003	AD16803-03	SOIL/SOLID	04/07/25 13:00	04/15/25 09:00

EMSL Analytical, Inc. Environmental Chemistry Lab Service 200 Route 130 North, Cinnaaminson, NJ 08077 TEL: (856) 858-4800 FAX: (856) 786-5974		Chain of Custody / Analysis Request Form Print ALL Information. Incomplete chain of custody could result in the delay of analysis.			EMSL Project # AD16803 Account Rep: ENVI54 Indicate State where samples were collected: MA												
REPORT RESULTS TO:		SEND INVOICE TO:			Turnaround Time DUE 4/25 Analytical Laboratory Services 3352 128 th Ave Holland MI 49424 616-403-6136												
Name: Travis Albert PO#:		Name: PO#:															
Company EMSL Analytical, Inc.		Company EMSL Analytical, Inc.															
Address: 200 Route 130 North		Address: 200 Route 130 North															
City: Cinnaaminson		City: Cinnaaminson															
State: NJ Zip: 08077		State: NJ Zip: 08077			PROJECT NAME:												
Tel: 856-858-4800 ext. 2548 Fax: 856-854-2362		Tel: 856-858-4800 Fax: 856-854-2362															
Email: <u>sublab@emsl.com</u>		# of Samples in Shipment: 3 (3 jars each)			Date of Sample Shipment: 4/14/25												
Sampled by: (Signature) EMSL CLIENT				Matrix	Preservative	Sampling	List Method and Test Needed										
	Lab Sample Number			Waste Water	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	H2SO4	OTHER	DATE	TIME	ICP (6020B)	Metals by ICP (6020B)	
1.	AD16803-01												X	4/07/25	11:30a	X	
2.	AD16803-02												X	4/07/25	12:30	X	
3.	AD16803-03												X	4/07/25	1300	X	
4.																	
Released By Signature		Date & Time Released	Delivery Method		Received By Signature		Date & Time Received		Condition Noted								
<i>[Signature]</i>		4/14/25	FedEx		<i>[Signature]</i>		4-15-25 900		164 JRL6								
Please indicate reporting requirements: ☐ 1. Results Only ☒ 2. Results and QC ☐ 3. Reduced Deliverables ☐ 4. Disk Deliverable ☐ 5. Other																	
Comments: Analyze for As, Zn by 6020B																	

Environmental Division
Holland
Work Order Reference
HN2504814



Telephone : + 1 616 399 6070

REPORT QUALIFIERS AND DEFINITIONS

*	Value exceeds Regulatory Limit (if MCL displayed)
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
NC	Not Calculated
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
V	The Continuing Calibration Verification was outside of control criteria
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

Holland Laboratory Certifications¹

Agency	Type	ID	Issued	Expires
Alabama	Drinking Water (Secondary)	42500	12/17/2024	12/31/2025
Colorado	UST		06/21/2024	06/30/2025
Connecticut	Drinking Water (Secondary)	PH-0155	12/10/2024	12/31/2026
Florida	NELAP (Primary)	E871106	07/01/2024	06/30/2025
Illinois	NELAP (Secondary)	200076	11/14/2024	12/31/2025
Indiana	Drinking Water (Secondary)	C-MI-08	12/31/2024	09/04/2026
Iowa	State Specific	403	09/18/2023	09/01/2025
Kansas	NELAP (Secondary)	E-10411	07/09/2024	07/31/2025
Kentucky	Waste Water	KY98004	12/20/2024	12/31/2025
Kentucky	UST	120474	06/24/2024	06/30/2025
Michigan	Drinking Water (Primary)	0022	12/19/2023	09/04/2026
Minnesota	NELAP (Secondary)	026-999-449	12/17/2024	12/31/2025
Missouri	Drinking Water (Secondary)	01262	11/14/2024	12/30/2027
New Jersey	NELAP (Secondary)	MI015	07/01/2024	6/30/2025
New York	NELAP (Secondary)	12128	04/01/2024	04/01/2025
North Dakota	State Specific	R-192	11/18/2024	06/30/2025
Ohio	Drinking Water (Secondary)	87783	06/25/2024	6/30/2025
Pennsylvania	NELAP (Secondary)	68-03827	06/14/2024	07/31/2025
Texas	NELAP (Secondary)	T104704494	02/12/2025	01/31/2026
USDA	Domestic CA	Soil-MI-007	02/06/2025	08/07/2026
USDA	Soil Import	525-23-62-77572	03/03/2023	03/03/2026
West Virginia	State Specific	355	02/04/2025	08/31/2025
Wisconsin	State Specific	399084510	08/15/2024	08/31/2025

¹ - Scope available upon request

ANALYST SUMMARY



Client: EMSL Analytical
Project: AD16803

Work Order: HN2504814

Sample Name: AD16803-01
Laboratory Code: HN2504814-001
Sample Matrix: SOIL/SOLID

Date Collected: 04/07/25
Date Received: 04/15/25

Analysis Method	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C	1952125		3060436	Jeffrey Blakeman
EPA 6020B	1956896	Elise Poll	3073778	Stephanie Pierson
EPA 6020B	1956896	Elise Poll	3072027	Stephanie Pierson

Sample Name: AD16803-02
Laboratory Code: HN2504814-002
Sample Matrix: SOIL/SOLID

Date Collected: 04/07/25
Date Received: 04/15/25

Analysis Method	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C	1952125		3060436	Jeffrey Blakeman
EPA 6020B	1956896	Elise Poll	3073778	Stephanie Pierson
EPA 6020B	1956896	Elise Poll	3072027	Stephanie Pierson

Sample Name: AD16803-03
Laboratory Code: HN2504814-003
Sample Matrix: SOIL/SOLID

Date Collected: 04/07/25
Date Received: 04/15/25

Analysis Method	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C	1952125		3060436	Jeffrey Blakeman
EPA 6020B	1956896	Elise Poll	3073778	Stephanie Pierson
EPA 6020B	1956896	Elise Poll	3072027	Stephanie Pierson

Analytical Report



Client: EMSL Analytical
Project: AD16803
Matrix: SOIL/SOLID

Work Order: HN2504814
Date Collected: 04/07/25 11:30
Date Received: 04/15/25 09:00

CLIENT ID: AD16803-01	Lab ID: HN2504814-001
------------------------------	------------------------------

Analyte	Method	Results	Qual	Units	MDL	MRL	Dilution Factor	Date Analyzed	Date Extracted
General Chemistry Parameters									
Percent Moisture	EPA 3550C	11.9		%	0.1	0.1	1	04/15/25 13:53	NA
Metals									
Arsenic	EPA 6020B	<0.375	U	mg/kg	0.375	3.12	10	04/22/25 00:21	04/18/25 09:59
Zinc	EPA 6020B	3990		mg/kg	61.3	62.5	100	04/22/25 13:58	04/18/25 09:59

Analytical Report



Client: EMSL Analytical
Project: AD16803
Matrix: SOIL/SOLID

Work Order: HN2504814
Date Collected: 04/07/25 12:30
Date Received: 04/15/25 09:00

CLIENT ID: AD16803-02	Lab ID: HN2504814-002
------------------------------	------------------------------

Analyte	Method	Results	Qual	Units	MDL	MRL	Dilution Factor	Date Analyzed	Date Extracted
General Chemistry Parameters									
Percent Moisture	EPA 3550C	8.5		%	0.1	0.1	1	04/15/25 13:53	NA
Metals									
Arsenic	EPA 6020B	<0.397	U	mg/kg	0.397	3.31	10	04/22/25 00:23	04/18/25 09:59
Zinc	EPA 6020B	4240		mg/kg	64.9	66.2	100	04/22/25 14:00	04/18/25 09:59

Analytical Report



Client: EMSL Analytical
Project: AD16803
Matrix: SOIL/SOLID

Work Order: HN2504814
Date Collected: 04/07/25 13:00
Date Received: 04/15/25 09:00

CLIENT ID: AD16803-03	Lab ID: HN2504814-003
------------------------------	------------------------------

Analyte	Method	Results	Qual	Units	MDL	MRL	Dilution Factor	Date Analyzed	Date Extracted
General Chemistry Parameters									
Percent Moisture	EPA 3550C	11.0		%	0.1	0.1	1	04/15/25 13:53	NA
Metals									
Arsenic	EPA 6020B	<0.402	U	mg/kg	0.402	3.35	10	04/22/25 00:24	04/18/25 09:59
Zinc	EPA 6020B	3160		mg/kg	65.6	67.0	100	04/22/25 14:01	04/18/25 09:59



Client: EMSL Analytical
Project: AD16803
Matrix: SOIL/SOLID
Batch: 1952125

Work Order: HN2504814
Date Collected: NA
Date Received: NA

General Chemistry Parameters

MB	CLIENT ID: Method Blank	Lab ID: QC-1952125-001
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Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 04/15/25 13:05
Prep Date: NA

Analyte	Result	Units	MDL	MRL	Spike Amount	Spike Ref. Amount	% Rec	RPD	RPD Limit	Qual
Percent Moisture	<0.1	%	0.1	0.1						U

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-1952125-002
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Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 04/15/25 13:05
Prep Date: NA

Analyte	Result	Units	MDL	MRL	Spike Amount	Spike Ref. Amount	% Rec	RPD	RPD Limit	Qual
Percent Moisture	100	%	0.1	0.1	100		100	98-102		

The following samples were analyzed in this batch: HN2504814-001, HN2504814-002, HN2504814-003

QA/QC Report



Client: EMSL Analytical
Project: AD16803
Matrix: SOIL/SOLID
Batch: 1956896

Work Order: HN2504814
Date Collected: NA
Date Received: NA

Metals

MB	CLIENT ID: Method Blank	Lab ID: QC-1956896-001
----	-------------------------	------------------------

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 04/21/25 23:53
Prep Date: 04/18/25 10:00

Analyte	Result	Units	MDL	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	<0.0300	mg/kg	0.0300	0.250							U
Zinc	<0.490	mg/kg	0.490	0.500							U

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-1956896-002
-----	--------------------------------------	------------------------

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 04/21/25 23:55
Prep Date: 04/18/25 10:00

Analyte	Result	Units	MDL	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	4.94	mg/kg	0.0300	0.250	5		98.9	80-120			
Zinc	5.23	mg/kg	0.490	0.500	5		105	80-120			

The following samples were analyzed in this batch: HN2504814-001, HN2504814-002, HN2504814-003

Appendix B

Sampling Equipment

Sampling Equipment

Analyte	Description	Calibration
Volatile Organic Compounds (VOCs)	Ion Science Tiger Photoionization Detector	Calibrated by Rental Company Verified Prior to Use
Surface Temperature & Relative Humidity	TSI Q-Trak Air Quality Monitor	Verified Prior to Use

Appendix C

Field Logs

Location Needham Crumb Rubber Date 4/7/2005 25

Project / Client 20081206, B51

Tech: C Julian

Tare: Crumb Rubber Sampling

Weather: 40's Rain / Hail

Time : Description

830 : C Julian arrived at FEO press for Crumb Rubber Sampling.

0930: C Julian leaves for Needham Memorial Field.

1000 : C Julian meets Tara from town of Needham, Begins Sampling

1130 : C Julian completes memorial Field. moves to Flanders / Brock Field.

1300: C Julian completes Sampling fields. Returns to FEO

1400: C Julian arrives at FEO unloads equipment, composites samples.

Sample ID	Time	Location
1643250407-01	1130	Memorial Field
↓ -02	1230	Flanders Field
↓ -03	1300	Brock Field

CJ

Crumb Rubber Sampling Field Data

Client/Project Name: Needham Crumb Rubber		 FUSS & O'NEILL
Project Location: Needham, MA	PROJECT #: 20081266.B50	
Sample#: 1643250407 1643241002-01	Sample Location ID G-01, G-02, G-03, G-04, G-05, G-06 <i>[Handwritten signature]</i>	

Sample Location Description (include sketch map with location of sample)

Memorial park - See figure

Sample Data

Sample Data	Container	Quantity	Preservative
Date: 11/11/2011 4/7/25 Time: 1130 Sampler: CJ Weather: Ambient Temperature: 53°F 11911 Relative Humidity: 43% Barometric Pressure: — Sampling Device: Auger / Core Sampler / Shovel / Trowel / Other: <u>395</u> Field decon: Yes / No <u>Dedicated</u> Type of Sample: Grab / Composite / Other: _____ PID Reading (ppm): <u>0.1</u>	4oz amber	3	—

Description Data

Generic Sample Description: Crumb rubber

Comments:

Crumb Rubber Sampling Field Data

Client/Project Name: Needham Crumb Rubber		 FUSS & O'NEILL
Project Location: Needham, MA	PROJECT #: 20081266.B50	
1643250407 Sample#: 1643241002 02	<u>Sample Location ID</u> G-7, G8, G9, G10, G11, G12	

Sample Location Description (include sketch map with location of sample)

Founder field - see figure

Sample Data

Date: ~~4/16/2024~~ 4/17/25 Time: 1230
 Sampler: CJ
 Weather: Ambient Temperature: 47.5
 Relative Humidity: 49.4
 Barometric Pressure: _____
 Sampling Device: Auger / Core Sampler / Shovel / Trowel /
 Other: Sur
 Field decon: Yes / No / Dedicated
 Type of Sample: Grab / Composite / Other _____
 PID Reading (ppm): 0.0

Container	Quantity	Preservative
4oz Amber	3	---

Description Data

Generic Sample Description: Crumb rubber

Comments:

Crumb Rubber Sampling Field Data

Client/Project Name: Needham Crumb Rubber		 FUSS & O'NEILL
Project Location: Needham, MA	PROJECT #: 20081266.B50	
Sample #: <u>1643250407-03</u> 1643241002	<u>Sample Location ID</u> G-13, G-14, G-15, G-16, G-17, G-18	

Sample Location Description (include sketch map with location of sample)

Rock Field - See Map

Sample Data

Date: 4/7/25 ~~10/02/2024~~ Time: 1300
 Sampler: CJ
 Weather: Ambient Temperature: 40.3 ~~14.1~~
 Relative Humidity: 70%
 Barometric Pressure: —
 Sampling Device: Auger / Core Sampler / Shovel / Trowel /
 Other
 Field decon: Yes / No / Dedicated
 Type of Sample: Grab / Composite /
 Other Sers
 PID Reading (ppm): 0.0

Container	Quantity	Preservative
4oz Amber	3	---

Description Data

Generic Sample Description: Crumb rubber

Comments:



MAP REFERENCE

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MEMORIAL FIELD BOUNDARIES APPROXIMATE BASED ON SITE OBSERVATIONS

LEGEND

PARK BOUNDARY

SAMPLE LOCATIONS TO FORM COMPOSITE

SCALE	
HORIZ	1" = 150'
VERT	
DATUM	
HORIZ	
VERT	
0 75' 150'	
GRAPHIC SCALE	



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NEEDHAM HEALTH DEPARTMENT

SITE PLAN
 MEMORIAL PARK
 92 ROSEMARY ROAD

NEEDHAM

MASSACHUSETTS

PROJ No: 20081266 B10
 DATE: JUNE 2020

FIGURE 1



MAP REFERENCE

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FIELD BOUNDARIES APPROXIMATE BASED ON SITE OBSERVATIONS

LEGEND

- FOUNDERS FIELD BOUNDARY
- BROCK FIELD BOUNDARY
- SAMPLE LOCATIONS TO FORM COMPOSITE

SCALE:	
HORIZ.:	1" = 150'
VERT.:	
DATUM:	
HORIZ.:	
VERT.:	
0 75' 150'	
GRAPHIC SCALE	



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NEEDHAM HEALTH DEPARTMENT

SITE PLAN
 DEFAZIO PARK
 380 DEDHAM ROAD

NEEDHAM

MASSACHUSETTS

PROJ. No.: 20081266.B10
 DATE: JUNE 2020

FIGURE 2



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- ☒ 108 Myrtle Street, #502, North Quincy, MA 02171
- ☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD

4559

Turnaround

- ☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
- ☐ 2 Days* ☒ Standard (____ days) *Surcharge Applies

PROJECT NAME <i>Needham Crumb Rubber</i>		PROJECT LOCATION <i>Needham MA</i>		PROJECT NUMBER <i>20081266.B51</i>		LABORATORY <i>EMSL/ALS</i>	
REPORT TO: <i>Evan Koncewicz</i>				Analysis Request <i>Arsenic / Zinc (Preferred 6000 B if only use Geloc if detection limit can be met)</i>			
INVOICE TO: <i>↓</i>							
P.O. NO.: <i>20081266.B51</i>							
Sampler's Signature: <i>Chris J.</i> Date: <i>4/7/2025</i>							
Source Codes: MW=Monitoring Well PW=Potable Water S=Soil W=Waste SW=Surface Water T=Treatment Facility B=Sediment A=Air X=Other <i>Crumb Rubber</i>							
Item No.	Transfer Check			Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4			
<i>1</i>					<i>X</i>	<i>4/7/25</i>	<i>1130</i>
<i>2</i>					<i>X</i>	<i>↓</i>	<i>1230</i>
<i>3</i>					<i>X</i>	<i>↓</i>	<i>1300</i>

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements: <i>please meet detection limits:</i>
<i>1</i>	<i>Chris J.</i>				<i>Arsenic - 2.5 mg/kg Zinc 15,000 mg/kg</i>
<i>2</i>					Additional Comments:
<i>3</i>					<i>Send samples to ALS Lab, Holland, Michigan</i>
<i>4</i>					



Needham Crumb Rubber

Presented by: Evan Koncewicz & Neal Kelly

Month 06, 2025

Introductions



Evan Koncewicz

Environmental Geologist



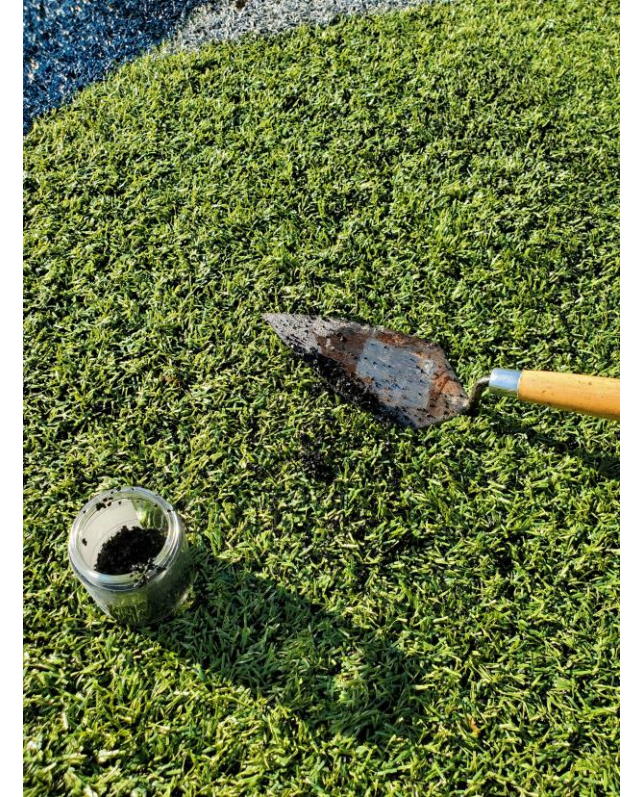
Neal Kelly

Associate, LSP

- **Environmental** – Phase I Environmental Site Assessments (ESAs), Phase II ESAs, Massachusetts Contingency Plan (MCP) Compliance, Brownfields, Soil Management, PFAS, etc.
- **Other Services:** Civil Engineering, Hazardous Building Materials (Inspections and Survey), Water & Natural Resources (Climate Resilience & Permitting), Transportation (Traffic and Roadway Design), Wastewater (Permitting & Design), & Mechanical Engineering

About the Project

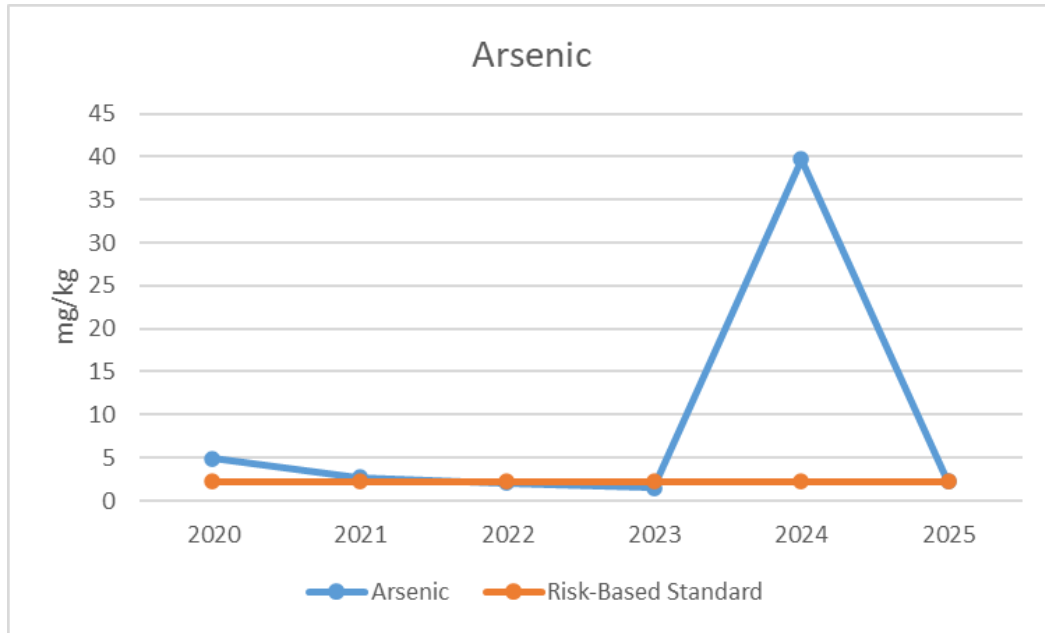
- Began sampling crumb rubber within turf fields in 2009.
 - Memorial Field at Needham High School & Founders and Brock Field at DeFazio Park.
- Two laboratory tests
 - VOCs: Closed Container Test
 - Metals and SVOCs: Dry Weight
- Started in 2020 with updated risk-based standards.
 - 2009 – 2018: OSHA PELs
 - 2020 – 2025: Risk-based standards



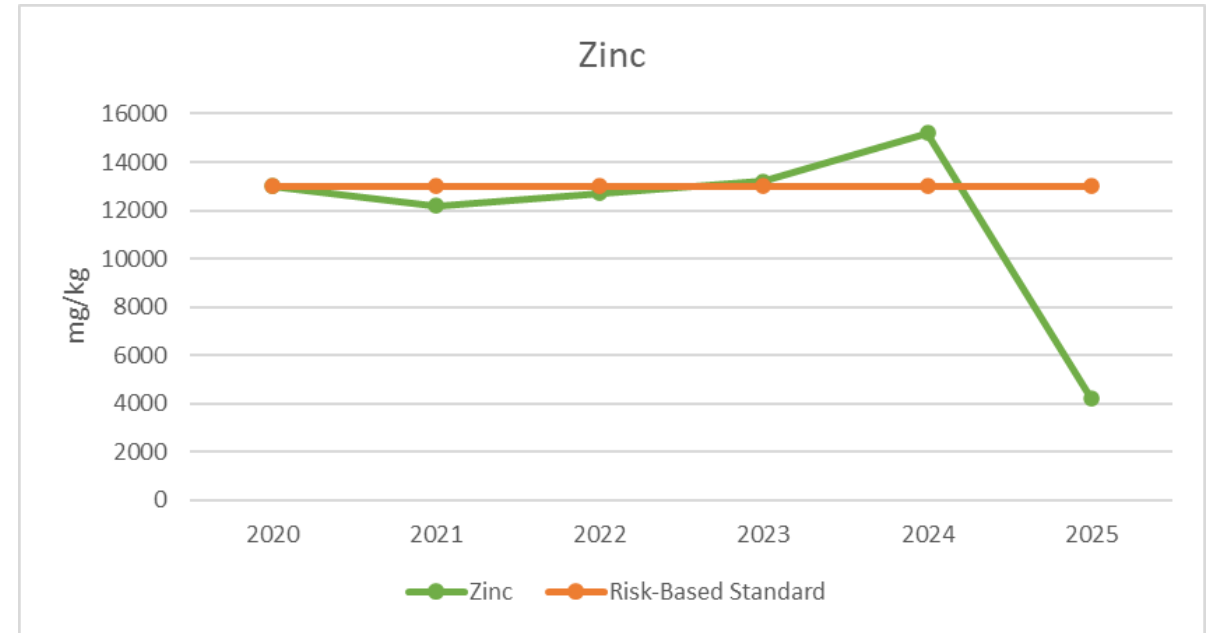
Standards & Results

- Risk-based standards based on MassDEP residential soil standards:
 - Publicly-available data
 - Typical background in New England soil
 - Ceiling concentrations (maximum concentrations set for compounds of limited toxicity)
 - Practically quantification levels (PQLs)
- We utilized MassDEP Excess Lifetime Cancer Risk (ELCR) and Hazard Index (HI) Concentrations utilizing MassDEP's Method 3 Residential Shortform for Human Health Risk, where promulgated.
- VOCs and SVOCs were detected, however no compounds were above risk-based levels except:
 - Acetone (2021) & Acetaldehyde (2023)
- All metals were below risk-based standards, except for arsenic and zinc.

Results



- Arsenic concentrations were not detected (ND) above laboratory reporting limits, but were above risk-based standards
 - NDs generally relate to an equipment/instrument's calibration and matrix interference for each analytical method.



- Zinc concentrations were detected above laboratory reporting limits, generally around risk-based standards

Summary

- Our Results:
 - Several VOC, SVOC, and Metal compounds are detected above laboratory reporting limits. Select VOCs and Metals were detected above risk-based standards.
- U.S. EPA & CDC/ATSDR. (2024). Synthetic Turf Field Recycled Tire Crumb Rubber Research Under the Federal Research Action Plan Final Report
 - “In general, the findings from the entire playing fields portion of the FRAP (Federal Research Action Plan on Recycled Tire Crumb Used on Playing Fields and Playgrounds) activities support the conclusion that although chemicals are present (as expected) in the tire crumb rubber and exposures can occur, they are likely limited...”
 - “Lead and Zinc exposures from residential plus dietary sources were estimated to be over 100 times higher than modeled exposure estimates for synthetic turf field users...”
- McKee, G. (2015). The Health Implications of Synthetic Turf Fields with Crumb Rubber Infill
 - “Given the current available evidence it is concluded that the existing information does not suggest that synthetic turf fields have a substantive independent effect on human health.”

Thank You

Evan Koncewicz

518.915.9626

evan.koncewicz@fando.com

www.fando.com

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Tara Gurge

Subject:

FW: Needham Crumb Rubber - Follow up on arsenic data

From: Evan Koncewicz <Evan.Koncewicz@fando.com>
Sent: Friday, July 18, 2025 9:59 AM
To: Tara Gurge <TGurge@needhamma.gov>
Cc: Neal Kelly <Neal.Kelly@fando.com>
Subject: RE: Needham Crumb Rubber - Follow up on arsenic data

Hi Tara,

You're welcome! Glad we are more certain about the non-detect results. Please let us know if the Board has any follow up questions.

Also, my lab contact confirmed that we can rely on the MDL value as the concentration for Arsenic, because the reporting limit was non-detect.

Evan

Evan Koncewicz (he / him)
Environmental Geologist

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From: Tara Gurge <TGurge@needhamma.gov>
Sent: Thursday, July 17, 2025 8:59 AM
To: Evan Koncewicz <Evan.Koncewicz@fando.com>
Cc: Neal Kelly <Neal.Kelly@fando.com>
Subject: RE: Needham Crumb Rubber - Follow up on arsenic data

This Message is from an external sender.

Okay, great. Thanks for following up on that with the lab. I will share this follow-up info. with my boss, and we will let you know if we have any additional questions from the Board. Appreciate it!

Thanks,
Tara

From: Evan Koncewicz <Evan.Koncewicz@fando.com>
Sent: Thursday, July 17, 2025 8:51 AM
To: Tara Gurge <TGurge@needhamma.gov>
Cc: Neal Kelly <Neal.Kelly@fando.com>
Subject: RE: Needham Crumb Rubber - Follow up on arsenic data

Hi Tara,

Sorry, busy day yesterday. See below for what the laboratory indicated:

"The method detection limit (MDL) is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

That is why a "J" value is an estimate. Labs do not calculate confidence values of an estimated number.

I also received this response from the lab too:

There were no sample results for Arsenic > MDL in your report, so there was no analyte detected above the MDL value listed. If result is >MDL and <RL we are 99% confident the value is >MDL. If result is >RL, we look at that as a definitive number.

So, we are 99% confident that the detection of an analyte is greater than the MDLs. This is the case for Zinc, where we had detected compounds. For Arsenic, no sample results for Arsenic were greater than the MDL, so there was no analyte detected above the MDL value listed. Unfortunately, they do not assign a confidence interval, other than the 99% confidence with an analyte result is >MDL, *if detected*. **I believe that this all means that we can be rely on the MDL value as the concentration for Arsenic, because it was non-detect.** I am confirming this exact statement with the lab.

Appreciate your patience with this. The labs take a while to respond and Neal and I area not chemists or lab technicians, so this has been a good learning experience.

Thanks,
Evan

Evan Koncewicz (he / him)
Environmental Geologist

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From: Evan Koncewicz <Evan.Koncewicz@fando.com>
Sent: Tuesday, July 15, 2025 5:09 PM
To: Tara Gurge <TGurge@needhamma.gov>
Cc: Neal Kelly <Neal.Kelly@fando.com>
Subject: RE: Needham Crumb Rubber - Follow up on arsenic data

Hi Tara,

Yes, we received a response from the lab last week. I will provide a more detailed summary, tomorrow.

The lab indicated that they do not provide confidence intervals to their reporting limits, an estimated number. However, they did indicate that in our report, there was no sample result for Arsenic > the Method Detection Limit (MDL), so there was no analyte detected above the MDL value listed.

Evan

Evan Koncewicz (he / him)
Environmental Geologist

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From: Tara Gurge <TGurge@needhamma.gov>
Sent: Tuesday, July 15, 2025 3:30 PM
To: Evan Koncewicz <Evan.Koncewicz@fando.com>
Cc: Neal Kelly <Neal.Kelly@fando.com>
Subject: RE: Needham Crumb Rubber - Follow up on arsenic data

This Message is from an external sender.

Evan –

Hope all is well! Just wanted to check in with you. Any updates to share from the lab re: the Needham Board of Health inquiries re: arsenic from our recent meeting?

Please let me know.

Thanks,



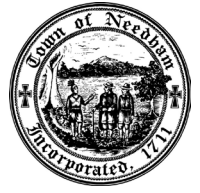
TARA E. GURGE, R.S., C.E.H.T., M.S. (she/her/hers)
ASSISTANT PUBLIC HEALTH DIRECTOR
Needham Public Health Division
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178 Rosemary Street
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Web- www.needhamma.gov/health



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Board of Health Town of Needham AGENDA FACT SHEET

MEETING DATE: August 8, 2025

Agenda Item	Respiratory Vaccine Recommendations for 2025-2026 Season
Presenter(s)	Ginnie Chacon-Lopez, Needham Public Health Nurse Jenn Gangadharan, SSA Public Health Nurse Julie McCarthy, Epidemiologist

1.	BRIEF DESCRIPTION OF TOPIC TO BE DISCUSSED
-----------	---

In June 2025, all 17 members of the Advisory Committee on Immunization Practices (ACIP) were fired and replaced with eight members picked by U.S. Health & Human Services Secretary Robert Kennedy Jr.

COVID-19 vaccines were previously recommended for everyone six months and older, including pregnant people. Currently, the CDC's recommendation for COVID-19 vaccines for children six months to 17 years is that they or their parent/guardian should discuss the benefits of vaccination with their healthcare provider.

Secretary Kennedy announced in May that "the COVID vaccine for healthy children and healthy pregnant women has been removed from the CDC recommended immunization schedule."

Flu vaccines are still recommended for everyone six months and older, and RSV protection is recommended for pregnant people, infants, and older adults. The CDC has updated guidance reflecting these changes.

With the flurry of recent federal changes and questions regarding the factual accuracy of publications from new appointees and from the current CDC administrations, the Board of Health will discuss the importance of vaccination both for individual health and for the larger public health. The Board will discuss, debate, and ultimately adopt a set of vaccine recommendations for the community in the absence of data-driven recommendations from the federal government.

2.	VOTE REQUIRED BY BOARD OF HEALTH
Yes. Suggested Motion: [I move] ...that the Needham Board of Health adopt a recommendation for vaccinations for the 2025 – 2026 respiratory virus season that aligns with trusted medical and public health associations, including the American Academy of Pediatrics, and their stances on recommended vaccine schedules. I further move that the Board should instruct the Public Health Division to publicly post and to actively publicize this policy recommendation, working in conjunction with the Town's Administration.	
3.	BACK UP INFORMATION:
A) PowerPoint presentation	



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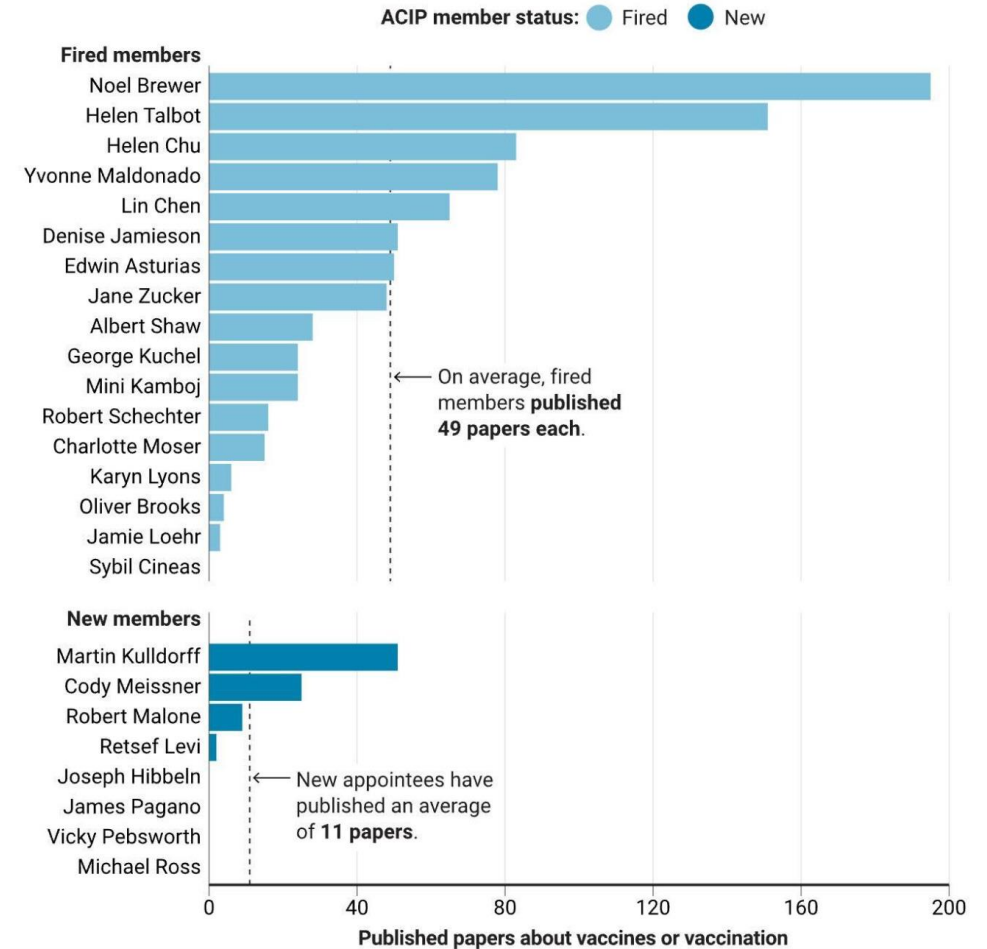
Updates on fall respiratory vaccine recommendations

Recent changes to the Advisory Committee on Immunization Practice (ACIP):

- Early June: US Health and Human Services Secretary Robert Kennedy Jr removes every single member (17) of ACIP
- 8 new members are put on ACIP who have less vaccine experience, based on peer-reviewed publications (right image)

Exiting expertise

The members of the Advisory Committee on Immunization Practices (ACIP) fired this week have published, on average, nearly five times more papers mentioning vaccines or vaccination in the title or abstract than their newly appointed replacements, half of whom have not published on the topic at all.



V. PENNEY/SCIENCE

Vaccine recommendations

- Previously, everyone over 6 months was eligible for Covid-19 vaccines
- In May, FDA announces it only recommends Covid-19 vaccines for adults 65+ and people at risk for severe illness
 - Notably, pregnant women and kids are no longer eligible.
- CDC updated guidance to say that vaccination is based on shared clinical decision making.
Current recommendations on website:
 - [Children 0-6 years](#)
 - [Children 7-18 years](#)
 - [Age 19 years and up](#)
 - [Pregnant women](#)
- ACIP meeting June 25-27:
 - Flu shots recommended for everyone over 6 months.
 - RSV protection recommended for pregnant women, infants, and older adults.
 - No vote on Covid-19

Child and Adolescent Immunization Schedule (7/2/25)

Table 1 Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger, United States, 2025

These recommendations must be read with the notes that follow. For those who fall behind or start late, provide catch-up vaccination at the earliest opportunity as indicated by the green bars. To determine minimum intervals between doses, see the catch-up schedule (Table 2).

Vaccine and other immunizing agents	Birth	1 mo	2 mos	4 mos	6 mos	9 mos	12 mos	15 mos	18 mos	19–23 mos	2–3 yrs	4–6 yrs	7–10 yrs	11–12 yrs	13–15 yrs	16 yrs	17–18 yrs			
Respiratory syncytial virus (RSV-mAb [Nirsevimab])	1 dose depending on maternal RSV vaccination status (See Notes)					1 dose (8 through 19 months), See Notes														
Hepatitis B (HepB)	1st dose	← 2nd dose →			← 3rd dose →															
Rotavirus (RV): RV1 (2-dose series), RV5 (3-dose series)			1st dose	2nd dose	See Notes															
Diphtheria, tetanus, acellular pertussis (DTaP <7 yrs)			1st dose	2nd dose	3rd dose				← 4th dose →				5th dose							
Haemophilus influenzae type b (Hib)			1st dose	2nd dose	See Notes			← 3rd or 4th dose (See Notes) →												
Pneumococcal conjugate (PCV15, PCV20)			1st dose	2nd dose	3rd dose			← 4th dose →												
Inactivated poliovirus (IPV)			1st dose	2nd dose	← 3rd dose →							4th dose					See Notes			
COVID-19 (1vCOV-mRNA, 1vCOV-aPS)					See Notes													See Notes		
Influenza (IIV3, cclIV3)					1 or 2 doses annually									or				1 dose annually		
Influenza (LAIV3)											1 or 2 doses annually			or				1 dose annually		
Measles, mumps, rubella (MMR)					See Notes		← 1st dose →					2nd dose								
Varicella (VAR)							← 1st dose →					2nd dose								
Hepatitis A (HepA)					See Notes		2-dose series (See Notes)													
Tetanus, diphtheria, acellular pertussis (Tdap ≥7 yrs)															1 dose					
Human papillomavirus (HPV)															See Notes					
Meningococcal (MenACWY-CRM ≥2 mos, MenACWY-TT ≥2years)			See Notes														1st dose		2nd dose	
Meningococcal B (MenB-4C, MenB-FHbp)															See Notes					
Respiratory syncytial virus vaccine (RSV [Abrysvo])															Seasonal administration during pregnancy (See Notes)					
Dengue (DEN4CYD: 9–16 yrs)														Seropositive in endemic dengue areas (See Notes)						
Mpox																				

Range of recommended ages for all children
 Range of recommended ages for catch-up vaccination
 Range of recommended ages for certain high-risk groups or populations
 Recommended vaccination can begin in this age group
 Vaccination is based on shared clinical decision-making
 No Guidance/Not Applicable

Page 2

Adult Immunization Schedule (7/2/25)

Table 1 Recommended Adult Immunization Schedule by Age Group, United States, 2025

Vaccine	19–26 years	27–49 years	50–64 years	≥65 years
COVID–19	1 or more doses of 2024–2025 vaccine (See Notes)			2 or more doses of 2024–2025 vaccine (See Notes)
Influenza inactivated (IIV3, ccIIV3) Influenza recombinant (RIV3)	1 dose annually			1 dose annually (HD–IIV3, RIV3, or aIIV3 preferred)
Influenza inactivated (aIIV3; HD–IIV3) Influenza recombinant (RIV3)	Solid organ transplant (See Notes)			
Influenza live, attenuated (LAIV3)	1 dose annually			
Respiratory syncytial virus (RSV)	Seasonal administration during pregnancy (See Notes)		60 through 74 years (See Notes)	≥75 years
Tetanus, diphtheria, pertussis (Tdap or Td)	1 dose Tdap each pregnancy; 1 dose Td/Tdap for wound management (See Notes)			
	1 dose Tdap, then Td or Tdap booster every 10 years			
Measles, mumps, rubella (MMR)	1 or 2 doses depending on indication (if born in 1957 or later)			For health care personnel (See Notes)
Varicella (VAR)	2 doses (if born in 1980 or later)		2 doses	
Zoster recombinant (RZV)	2 doses for immunocompromising conditions (See Notes)		2 doses	
Human papillomavirus (HPV)	2 or 3 doses depending on age at initial vaccination or condition	27 through 45 years		
Pneumococcal (PCV15, PCV20, PCV21, PPSV23)			See Notes	See Notes
Hepatitis A (HepA)	2, 3, or 4 doses depending on vaccine			
Hepatitis B (HepB)	2, 3, or 4 doses depending on vaccine or condition			
Meningococcal A, C, W, Y (MenACWY)	1 or 2 doses depending on indication (See Notes for booster recommendations)			
Meningococcal B (MenB)	19 through 23 years	2 or 3 doses depending on vaccine and indication (See Notes for booster recommendations)		
Haemophilus influenzae type b (Hib)	1 or 3 doses depending on indication			
Mpox	2 doses			
Inactivated poliovirus (IPV)	Complete 3-dose series if incompletely vaccinated. Self-report of previous doses acceptable (See Notes)			
	Recommended vaccination for adults who meet age requirement, lack documentation of vaccination, or lack evidence of immunity	Recommended vaccination for adults with an additional risk factor or another indication	Recommended vaccination based on shared clinical decision-making	No Guidance/ Not Applicable

Medical and Public Health Association stances

- The American Academy of Pediatrics, American College of Physicians, Infectious Diseases Society of America, Massachusetts Public Health Alliance, Society for Maternal-Fetal Medicine, and the American Public Health Association are [suing HHS secretary RFK Jr](#) over changes to the federal Covid-19 vaccine recommendations.
- American Academy of Pediatrics continues to recommend Covid-19 vaccines for children and adolescents. Their recommendations on immunizations schedule are [here](#).
 - [Birth through 6 years](#)
 - [7 through 18 years](#)
- The American College of Obstetricians and Gynecologists strongly recommends that pregnant individuals be vaccinated against Covid-19. Their recommendations and messages can be found [here](#).
- Waiting for MA DPH recommendations



Board of Health

AGENDA FACT SHEET

August 8 2025

Agenda Item	May 2025 Staff Reports
Presenter(s)	Public Health Division staff members

1.	BRIEF DESCRIPTION OF TOPIC TO BE DISCUSSED
Each program area within the Public Health Division will give a brief update on current topics, projects, events, accomplishments, and more.	
2.	VOTE REQUIRED BY BOARD OF HEALTH
Discussion only.	
3.	BACK UP INFORMATION:
a) Environmental Health – Sai Palani & Tara Gurge b) Accreditation – Lynn Schoeff & Alison Bodenheimer c) Traveling Meals – Rebecca Hall d) Substance Use Prevention: Regional – Lydia Cunningham e) Substance Use Prevention: Needham – Karen Shannon, Karen Mullen, Monica DeWinter, Angi MacDonnell, Vanessa Wronski f) Public Health Preparedness –Taleb Abdelrahim g) Epidemiology – Julie McCarthy h) Nursing – Ginnie Chacon-Lopez & Hanna Burnett i) Shared Public Health Services – Kerry Dunnell	



Board of Health

AGENDA FACT SHEET

June 20, 2025

Agenda Item	May Staff Reports
Presenter(s)	Public Health Division staff members

1.	BRIEF DESCRIPTION OF TOPIC TO BE DISCUSSED
Each program area within the Public Health Division will give a brief update on current topics, projects, events, accomplishments, and more.	
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Discussion only.	
3.	BACK UP INFORMATION:
a) Environmental Health – Sai Palani & Tara Gurge b) Accreditation – Lynn Schoeff & Alison Bodenheimer c) Traveling Meals – Rebecca Hall d) Substance Use Prevention: Regional – Carol Read & Lydia Cunningham e) Substance Use Prevention: Needham – Karen Shannon, Karen Mullen, Monica DeWinter, Angi MacDonnell, Vanessa Wronski f) Public Health Preparedness –Taleb Abdelrahim g) Epidemiology – Julie McCarthy h) Nursing – Ginnie Chacon-Lopez & Hanna Burnett i) Shared Public Health Services – Kerry Dunnell	



Needham Public Health Division

Prevent. Promote. Protect.



May 2025

Assist. Health Director - Tara Gurge

Full-time Health Agent – Sainath Palani

Part-time Health Agent/Food Inspector – Monica Pancare and Pamela Ross-Kung

Part-time Intern – Alexandra Diener

Unit: Environmental Health

Date: June 20, 2025

Staff members: Tara Gurge, Sainath Palani, Monica Pancare, Pamela Ross-Kung and Alexandra Diener

Activities and Accomplishments

Activity	Notes
Intern Projects - Update	Alexandra has been working on Standard 9 of the voluntarily retail standards by cleaning up raw inspection report data from 2021 through 2024 to pull out all instances of risk factor violations in those years. The five main risk factors are 1) Poor personal hygiene of food employees (failing to wash hands, bare hand contact with food), 2) Improper holding temperatures of food, 3) Use of contaminated equipment, 4) Inadequate cooking, 5) Food coming from unsafe sources. She has also sorted the risk violations by establishment type and is finalizing creating tables and graphs. Our summer intern funded by the MADPH, Xinrang “Nelly” Wang, started on June 4th, and she will pick up and work with Alexandra to finish up this iteration of standard 9 by comparing data to original baseline survey performed around 5 years ago and to also see if there are any trends for any of the risk factors to help inform an intervention. Nelly’s main project will be to come up with a couple of interventions and perform the interventions and assess the effectiveness of the interventions.
Follow-up on Enforcement of Zyn Nicotine Pouches/Other Vape Products	Zyn-Chill products were not being sold in the 5 retailers that were inspected in May. In addition, order letters to remove two vape products (Crave and Space Ultra-Clear flavor) that were determined to be flavored were sent. The five stores were not selling these products.
Finishing MAPHIT	Tara and Sai are working towards getting standardized for food safety by going through this training program from the State. Both Sai and Tara have completed Tier 1 and 2 training and Sai finished his Tier 3 training in May

Standardization for Food	to be a standardized inspector for food. He will work to get into the next upcoming training for MAPHIT housing.
Participated in Emergency Operations Center (EOC) Functional Exercise and Mental Health First Aid Training for Older Adults	Tara and Sai participated in a mock Emergency Operations Center (EOC) functional drill exercise/training. An emergency situation was presented and environmental health practiced thinking through the situation based on their roles in the EOC. Certain gaps were identified during the training. Both Tara and Sai participated in an all day training on Mental Health First Aid for Older Adults on May 20th. Certificates were awarded.

Other Public Health Division activities this month: (See report below.)

Activities

<i>Activity</i>	<i>Notes</i>
Body Art	0 – Permits Issued
Demo Reviews/ Approvals	3 - Demolition signoffs: -#1092 Highland Ave. -#72 Valley Rd. -#3 Hancock Rd.
Disposal of Sharps Permits	0 – Disposal of Sharps Permits issued.
Septage/Grease/ Medical Waste Hauler Permits Issued	0 – Septage/Grease & Medical Waste Hauler Permits Issued.
Trash/Recycling Waste Hauler Permit issued	1 - Trash and Recycling Waste Hauler Permits issued to: - E.O.M.S Recycling
Food - Plan reviews/Follow- ups/Pre-operation inspections	1 – Plan Review Meeting/Initial Pre-operation inspection conducted: - Informal walkthrough at Noodle Doodle
Food – Temporary Food Event Permits issued	11– Temporary Food event online permit application reviews and permits issued to: - 1706 Cornhole Tournament for Needham Firefighters Union at Village Club (end of May) - Mitchell Family Picnic hosted by Mitchell PTC (early June) - MHOA Quarterly (x2), Food trucks-Butter “ur” Biscuit & Roxy’s Grilled Cheese (end of May)

	- SWES Fest and 5th grade field day (2x) hosted by Sunita Williams PTC (early June) - Broadmeadow carnival hosted by PTC (end of May) - Needham Soccer Tournament, All Purpose Bakery (end of May) - St. Joe's Field Day (Early June) - Frisbee field day hosted by the Community Center of Needham, (mid-June) - Elliot school picnic, Sweet Pete's ice cream (early June)
Food Complaints/ Follow-ups	0 – Food Complaints/Foodborne illness cases received.
Housing - Complaints/Follow- ups, etc.	(2/9) – New/existing Housing Complaints/Follow-ups conducted at: – <u>Greendale Ave. (0/1)</u>: See past monthly reports for history. Reinspection performed on May 9th and owner was able to attend to some items and has made some progress. Another check in inspection is scheduled for mid-June. – <u>Chambers St. (Needham Housing Authority/NHA) (0/0) - Update:</u> The judge, after the hearing in May, gave a one month extension as occupant has informed the judge that they are making progress. NHA has requested our office to perform an inspection just before the next court hearing and document conditions to provide to the judge. Next court date is scheduled for the 2nd week of June. – <u>Seabed's Way (0/1)</u> – Complaint received from occupant about fine dust forming on floors in unit creating unsafe air quality in their unit and causing health issues. <u>Update:</u> NHA facilities manager will schedule a follow-up date with the occupant to re wax the flooring in the unit. They will contact our office once completed to perform a reinspection. – <u>Captain Cook Dr. (0/1)</u> – Complaint received about mold in occupants bathroom and signs of mouse activity in unit. Orders to correct were sent to the NHA. <u>Update:</u> Outdoor stairs were repaired. There was a small leak observed by kitchen sink and the occupant was still observing signs of mouse activity in the unit. This was relayed to NHA. Follow-up with NHA is needed. – <u>Seabed's Way (0/4)</u> – Fruit fly infestation in at least two units in building. <u>Update:</u> A reinspection was performed after NHA tried to treat with trapping the flies, however, many fruit flies were still present. Health agent required NHA to use pest control company to treat. After investigating, one of the vacant units refrigerators went out of order, which caused fruit flies to breed in room infesting neighboring rooms and in common hallway. This unit was cleaned out and reinspection was performed confirming that fruit flies were no longer in either unit. No further action is needed. – <u>Linden St. (0/0)</u> – Complaint about water in unit being unsafe. Reportedly water was oily and had a foul smell. Black residue was appearing on plumbing fixtures. Water department personnel were called in and had water tested and found no issues with the water quality. Tenant still has issues with water the water and requested an inspection. Inspection is scheduled to take place in early May. <u>Update:</u> Occupant canceled inspection. They were still complaining to NHA and NHA requested information from our office on how they can help the occupant test their water. No other reports of water issues in this building was noted and no further action is needed at time.

	– <u>Barrett St. (1/1)</u> – Neighbors were concerned about their neighbor and about plumbing and roof at the house. This was a property with issues also reports in November 2024. A letter was sent to try to get access, however occupant never reached back out to our office. In May, two visits were made to try to get in contact with the occupant and health agent left a note. After two weeks of no one answering, health agent requested police department to perform a wellness check, and they confirmed occupant was present and police would try to get contact information for son. Health agent will attempt to follow again. – <u>Pickering St. (1/1)</u> – EMS services reported extreme unsanitary and unsafe conditions during responding to an emergency at a property. Per records pulled from police and fire, this has been a long term case where occupants are collecting items and reports of living in poor living conditions. Attempt to access property was performed in May and health agent met with one of the occupants. Occupants admitted conditions in house were poor and said he was working on it but needed time and said they did not want anyone inside at that time. Health agent said they would return in two weeks to check in with them in early June.
Housing Pre-occupancy inspections	0 – Housing pre-occupancy inspections conducted.
Nuisance complaints/Follow-ups	(5/5) – New Nuisance Complaints/Follow-ups: - <u>Central Ave. (1/2)</u> – Complaint received about plastic tote with various junk left in front of house for multiple days collecting water. Health agent spoke with homeowner to remove it within a two week time frame. Health agent checked in after two weeks and tote with items were removed. No further action is needed. - <u>Moseley Ave. (1/1)</u> – Anonymous complaint about water being pumped from flooded basement in wetlands in rear of house. The complaint was referred to the Conservation Commission who said that it was a sump pump and they were already involved with the issue. No further action was needed. - <u>Dedham Ave. (1/1)</u> – This has been a repeating issue for a year where renters are piling trash bags on the rear deck and grass is not being mowed. Trash has frequently been seen with holes in the bags showing that wildlife is getting to trash. The property owner is out of the country and is non-responsive and renters are non-cooperative in providing information about the property owner but said they would handle the issue. Another incident was reported where trash was being stored improperly on rear deck. Inspection performed and orders to correct were sent out. - <u>Central Ave. (1/1)</u> – Trash and junk was being piled up on property which was removed from a barn that was potentially in an unsafe structural condition per neighbor. Site visit was performed in late May and conditions were confirmed however occupant was not home. Health agent will attempt another visit and if contact cannot be made then orders to correct will be formally sent out. - <u>Highland Ave. (1/0)</u> – Caller reported rats running around the property and noted that abutting property had an unkempt landscaping pile where they believed rats were nesting under. Follow-up will be performed in early June.

Indoor/Outdoor Pool plan reviews/ spot checks and annual permit renewal inspections	8 – Indoor/Outdoor plan reviews and pool inspections/spot checks conducted. - Charles River Landing - The Kendrick - Modera - Needham Pool & Racquet Club (2x) - Pools at RRC (2x) - Rosemary Ridge Inspections were performed for each pool noted above and all seven seasonal pools were granted seasonal permits. One unannounced routine inspection will be performed during the season.
Planning Board Special Permit reviews	1 - Planning Board review conducted: - <u>#1407 Central Ave. (Jack Cogswell Bldg.)</u> – Addition amendment comments sent.
Septic Certificate of Compliance (COC)	0 – Septic Certificate of Compliance final signoffs issued.
Septic – Construction Repair permit issued	2 – Septic Construction Permits issued: - <u>#1266 South St.</u> - <u>#243 Hunting Rd.</u>
Septic Failure Letters	0 – Septic system failure letters sent.
Septic Installation inspections	3 – Septic installation inspections conducted. - <u>#243 Hunting Rd.</u> (final inspection performed and okayed to cover)
Septic Deed Restrictions	0 – Septic Deed Restrictions received.
Septic Installer Exam/Permit Issued	0 - Septic System Installer exam and permits issued.
Septic Addition/Reno. to a Home on a Septic reviews	0 – Addition/Reno. to a Home on a Septic reviews conducted.
Septic Plan Reviews/Approvals issued	0 – Septic Plan reviews conducted/approvals issued.
Septic – Soil/Perc Tests	0 – Septic Soil/Perc Tests conducted.
Septic Trench permit issued	3 – Septic Trench permits issued: - <u>#1695 Central Ave.</u> (D-box replacement, perc test for ADU) - <u>#1266 South St.</u> - <u>#243 Hunting Rd.</u>

Septic – Abandonment Forms	1 – Septic abandonment/connection to sewer forms received: - <u>#106 Windsor Rd.</u>
Tobacco Compliance Checks/Hearing Scheduled/Retail inspections	6 – Tobacco retail routine compliance checks conducted at all permitted establishments: - Speedway (Fail-reinspection required as store had no current DOR license posted and did not have manufacturers letters for all their products present.) - Shell - Needham Service Center - Needham Center Fine Wines - 7-Eleven (Failed-Reinspection required as some of the manufacturers letters were missing.) - Great Plain Gas
Well Permit online plan reviews/ inspections	1 – Well permit online application plan review conducted: - <u>#1407 Central Ave.</u> – Irrigation well permit application review.
Zoning Board of Appeals plan reviews	1 – Zoning Board of Appeals plan review conducted for: - <u>#6 Brook Rd.</u> – Comments sent.

FY 25 Priority FBI Risk Violations of Interest

Establishment	Date	Violation(s)	Corrective Action/Follow-up
Broadmeadow Elementary	May 6, 2025	-Handwashing was not observed after staff had used restroom and after warewashing prior to wear gloves. - One tray of chicken drum sticks was at improper hot holding temperatures. - Self-service exposed cut cucumbers and pears were left out unprotected without a sneeze guard.	- Health agent mentioned this PIC, who then had training with staff about when and where to wash hands. This was checked at a reinspection. - Tray of chicken was put back into oven to reheat to 165f. - Cucumbers were moved to under the sneeze guards. Proper storage of unprotected foods on self-service line was observed at reinspection.

Elliot House- Riverside	May 6, 2025	-Milk and cooked rice in one of the fridges was held at unsafe temperatures because fridge was too warm.	-Both products and all TCS products in unit were discarded to correct violation on site. Colding holding unit was serviced and invoice for work performed was sent to our office.
Mitchell Elementary	May 8, 2025	-Cooked beans on counter were held at 100F instead of at 135f or above.	-Green beans were reheated and staff for the rest of the year would switch to half pans to keep foods at proper hot holding temperatures. School is planning on installing new hot holding wells next year.
Blue on Highland	May 12, 2025	-Raw shelled eggs were stored above pizza dough in a walk-in fridge in basement. -Bar dish machine was not dispensing sanitizer at time of inspection, even though a log shows it was dispensing earlier in the day. -Fresh pasta in one of the under the counter fridges was warm. Entire unit was too warm.	- Eggs were moved to an appropriate location. -PIC primed dish machine and demonstrated dispensing sanitizer. Logs will continue to be filled out by bar tender documenting their testing. -All TCS products in warm fridge were moved into the walk-in.
High Rock School	May 14, 2025	-A tuna salad sandwich on the service line was out of temperature. Buffalo chicken wraps in a cold holding unit (that was out of temperature) were between 48-50f and another bin of buffalo chicken filling in another unit was also at 50f. Wraps were made with 1.5 hours of the inspection.	-All warm items were moved into the walk-in fridge to cool down. TCS foods in warm unit were moved into the walkin fridge.
Roche Brothers	May 15, 2025	-Sanitizer in one of the pot sinks was less than 150 ppm. -Crab meat in seafood department was at unsafe holding temperatures	- Pot sink was remade with fresh sanitizer before it was used. - Crab meat that was out of temperature was voluntarily discarded. Air flow in that part of the case was blocked and packaged were stacked properly to allow proper air flow.

Mandarin Cuisine	May 17, 2025	-Slicing machine had visible debris on the underside after it was claimed to have been cleaned and ready to use.	- Reinspection was performed and slicer was still soiled. PIC described how slicer gets cleaned and the existing process was not removing all debris from the slicer. PIC will be adding a step to more thoroughly clean the slicer before it gets sanitized and covered.
Just Salads	May 17, 2025	-Cooked chicken and pork on service line were at unsafe hot holding temperatures. - The drain tube for one of the hot holding steam well was not appropriately plumbed to a floor drain.	-Products were voluntarily discarded. At time of reinspection, PIC stated that they have started to take frequent internal temperatures of items on their service lines and take corrective actions and are logging them. -Plumbing was redone so steam well was draining appropriately.
The Farmhouse	May 20, 2025	-Five large hotel pans of bolognas was out of temperature that were made 3 days prior to inspection. One large bin of veal stock was also at unsafe holding temperatures.	-Health inspector was unable to determine the cause of why items were out of temperature as the units were all working other than maybe a breaker was tripped in one of the coolers overnight. Bolognas was not entered into cooling log as mandated by our office. Bolognas and veal stock were both voluntarily discarded.
Needham High School	May 21, 2025	- Buffalo chicken wraps and sandwiches on new display case were out of safe temperature ranges. Covered sliced watermelon in another unit was also at an unsafe holding temperature. - Baked cookies and grated parmesan cheese were both exposed and displayed without any coverings and were on self-service line for students.	-Watermelon had been sliced that morning, and health agent had PIC uncover the watermelon to allow it to cool faster. Health agent recommended that sandwiches and wrap after they get made are kept in walkin fridge uncovered after they are prepared to bring down temperature before they are wrapped. Reinspection was performed to confirm this process. -Parmesan was moved before sneeze guards on salad bar and wrapped apples were moved out. At reinspection baked cookies were plastic wrapped to help protect them and kept by register where staff could partially lift plastic wrap and serve cookies upon request. This process would continue until appropriately sized sneeze guards are acquired.

Avita	May 27, 2025	- Hot holding temperature of dumplings on steam table was at unsafe temperature in kitchenettes where food is served.	-This was observed at end of service and in that case, the steam tables were never turned on by staff. Excess dumplings were discarded.
Hazel's Bakery	May 27, 2025	- American cheese and corned beef and other TCS foods in service line fridge next to flat top griddle were all at unsafe temperatures and unit itself was warm. This was a repeat violation.	-Inspection was performed at end of service and PIC agreed to try to make adjustments to cooler. Reinspection to check on cooler and what changes are made is planned to occur within a week of inspection date.
Dominos	May 31, 2025	- All food in the undercounter 3-door refrigerator was at unsafe temperatures.	-Health agent discovered that staff remove all food and store the food in the walk-in fridge overnight and this particular unit is switched off. Unit was turned back on too late so the ambient temperature was not at safe temperatures before it was stocked with food. Health agent requested they change this by either leaving food in this unit or confirming unit is at right temperature prior to stocking it with food.
Dunkin'- Chestnut St.	May 31, 2025	- All TCS products in one of the undercounter fridges were not at safe holding temperatures. Ambient temperature in fridges was in temperature danger zone.	-All TCS food in this unit were voluntarily discarded and unit was ordered not to be used again.
Little Spoon	May 3, 2025	- Garlic and oil mixture was stored at room temperature and at unsafe temperatures.	-Product was voluntarily discarded and then stored on ice.

Category	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	FY'25	FY'24	FY'23	FY'22	FY'21	FY'20	FY'19	FY'18
Biotech registrations/Plan rev./Insp.	0	0	0	0	0	0	0	0	0	2	2		4	15	3	3	0	1	1	1
Body Art Permits	0	0	0	0	0	0	1	0	0	0	0		1	-	-	-	-	-	-	-
Bodywork Estab. Insp.	0	0	0	0	0	6	0	0	0	0	1		7	8	5	5	6	7	14	11
Bodywork Estab. Permits	0	0	0	0	0	5	0	1	0	0	1		7	5	6	5	13	9	9	6
Bodywork Pract. Permits	0	0	0	0	0	7	0	0	0	0	1		8	10	5	8	12	23	21	22
Demo reviews	6	4	6	7	3	8	5	7	5	3	3		57	96	53	89	76	73	104	105
Domestic Animal permits	0	0	0	0	0	0	0	0	0	0	4		4	17	17	15	29	1	21	19
Domestic Animal Inspections	0	0	0	0	0	0	0	0	0	0	0		0	2	1	10	8	3	22	3
Dumpster Permits (NEW)	-	-	-	-	-	-	-	0	14	23	41		78	-	-	-	-	-	-	-
Food Service Routine insp.	17	24	17	10	26	27	20	15	19	17	27		219	224	214	194	134	149	200	225
Food Service Pre-oper. Insp.	0	2	5	0	1	2	3	2	0	1	4		20	23	22	22	16	48	12	32
Retail Food Routine insp. Or 6 month check in	0	0	0	0	0	0	0	0	0	0	0		0	4	13	11	12	33	46	60
Residential Kitchen Routine insp.	1	2	0	3	1	2	1	0	0	0	2		12	5	8	5	5	3	6	8
Mobile Routine insp.	0	0	0	0	0	0	1	0	0	0	2		3	5	10	10	10	4	17	13
Food Service Re-insp.	17	19	19	7	2	9	22	11	7	7	13		133	114	37	27	7	21	28	53
Food Establishment Annual/Seasonal Permits	0	1	1	0	44	71	5	1	1	0	0		124	128	130	138	134	155	140	171
Frozen Dessert Permits (NEW)	-	-	-	-	-	-	-	0	4	0	0		4	-	-	-	-	-	-	-
Temp. food permits	2	4	6	2	5	1	4	1	2	5	11		43	51	33	37	9	67	134	163
Temp. food inspections	7	2	0	1	1	0	0	0	2	0	3		16	24	16	9	3	10	37	29
Farmers Market permits	1	1	1	0	0	0	0	0	0	1	3		7	15	11	16	15	14	14	14
Farmers Market insp.	10	0	3	0	0	0	0	0	0	0	0		13	65	73	149	124	158	229	127
Food Complaints	3	3	1	0	1	3	3	1	3	4	0		22	25	11	13	7	49	18	20
Follow-up food complaints	3	2	1	0	1	3	1	0	3	3	0		17	18	12	15	8	48	21	21
Food Service Plan Reviews	1	1	2	0	1	1	4	0	0	0	0		10	21	75	13	12	14	20	42
Food Service Admin. Hearings	0	0	0	0	0	0	0	0	0	0	0		0	0	0	2	1	3	0	0
Funeral Home Director (NEW)	-	-	-	-	-	-	-	0	0	2	0		2	-	-	-	-	-	-	-
Grease/ Septage Hauler Permits	0	0	0	3	9	16	0	0	0	0	0		28	25	29	22	13	20	21	24
Housing (Chap II Housing) Annual routine inspection	0	0	0	0	7	0	0	0	0	0	1		8	13	9	10	7	7	0	14
Housing Follow-up insp.	0	1	1	2	1	2	3	5	3	7	1		26	26	13	3	2	0	0	5
Housing New Complaint	2	2	2	0	0	2	2	2	2	4	2		20	38	26	41	40	41	22	22
Housing Follow-ups	5	3	5	3	2	4	4	3	3	2	9		43	81	69	65	63	56	28	24
Hotel Annual inspection	0	0	0	0	2	1	0	0	0	0	0		3	3	3	3	3	3	3	3
Hotel Follow-ups	0	0	0	0	0	1	0	0	0	0	0		1	2	2	0	1	15	0	0
Nuisance Complaints	5	3	4	8	2	2	4	2	1	2	4		37	53	36	35	45	34	55	42
Nuisance Follow-ups	7	4	9	11	8	2	3	4	2	2	5		57	89	58	41	60	55	69	42
Pool inspections	1	6	0	1	5	1	0	0	1	0	7		22	30	14	15	15	13	20	12
Pool Follow up inspections	0	4	0	0	1	5	0	0	0	0	1		11	6	5	4	5	3	12	7
Pool permits	0	0	0	0	0	6	0	0	1	0	7		14	14	14	15	17	11	19	12
Pool plan reviews	0	0	0	0	0	0	0	0	0	0	0		0	0	5	0	5	0	3	44
Pool variances	0	0	0	0	0	5	0	0	1	0	1		7	5	7	6	5	6	5	7
Septic Abandonment	0	0	0	0	0	0	0	0	0	0	1		1	4	4	9	17	21	9	5
Addition to a home on a septic plan rev/approval	0	0	0	0	1	0	0	0	3	0	0		4	1	2	15	5	5	2	2
Septic Install. Insp.	0	4	0	3	0	6	2	1	0	0	3		19	26	22	19	11	13	21	28
Septic COC for Component	0	0	0	0	0	2	2	0	0	0	0		4	1	2	3	2	5	3	1
Septic COC for complete septic system	0	0	1	1	0	0	1	0	0	0	0		3	6	3	4	1	3	4	3
Septic Info. requests	3	4	3	6	5	7	3	5	3	2	4		45	60	62	64	86	61	62	51
Septic Soil/Perc Test.	1	1	0	0	0	0	0	0	0	1	0		3	6	6	5	8	1	1	2
Septic Const. permits	0	0	1	0	0	3	0	0	0	0	2		6	4	5	6	6	6	6	5
Septic Installer permits	1	0	1	0	0	6	0	0	0	1	0		9	7	16	11	8	6	8	9
Septic Installer Tests	1	0	0	0	0	0	0	0	0	1	0		2	5	9	4	3	2	5	3
Septic Deed Restrict.	0	0	0	1	1	0	0	0	0	0	0		2	3	0	0	4	1	1	3
Septic Plan reviews	0	0	0	1	2	0	1	0	1	0	0		5	13	29	21	14	8	9	23
Septic Trench permits	1	1	0	0	0	3	1	1	0	0	3		10	9	11	12	-	-	-	-
Disposal of Sharps permits	0	0	0	1	0	8	0	1	0	0	0		10	10	10	7	8	7	7	9

Disposal of Sharps Inspections	0	0	0	1	1	4	0	0	0	2	2	10	8	12	8	8	7	7	7
Rat Nuisance Complaints	1	2	3	10	1	1	0	1	0	0	1	20	20	5	6	2	2	1	-
RMD	0	0	0	0	0	0	0	0	0	0	0	0	3	2	-	-	-	-	-
Planning Board Subdivision Sp Permit Plan reviews/Insp. of lots	0	2	2	0	6	3	1	0	0	0	1	15	10	19	21	20	4	1	1
Subdivision Bond Releases	0	0	0	0	5	0	0	0	0	0	0	5	2	1	0	1	0	1	0
Special Permit/Zoning	2	1	1	3	4	2	2	0	2	1	1	19	16	19	21	18	17	34	15
Tobacco permits	0	0	0	0	1	5	0	0	0	0	0	6	6	7	6	7	10	10	11
Tobacco Routine insp	0	0	0	0	3	3	0	0	0	0	6	12	12	7	12	7	8	14	18
Tobacco Follow-up insp.	0	0	0	0	0	6	0	0	3	0	0	9	3	0	0	1	8	3	3
Tobacco Compliance checks	6	0	0	0	6	0	0	0	0	6	0	18	12	6	6	6	30	30	41
Tobacco complaints	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	2	3	4
Tobacco Compl. follow-ups	1	0	2	0	0	0	0	0	0	0	0	3	0	6	0	0	1	3	4
Trash Hauler permits	0	0	0	0	0	0	0	4	10	7	1	22	16	20	23	16	15	17	14
Medical Waste Hauler permits	0	0	0	2	2	3	0	2	0	0	0	9	6	6	2	2	2	2	1
Well - Plan Reviews, Permission to drill letters, Insp.	0	1	0	0	0	2	0	0	3	1	1	8	11	14	10	11	2	6	2
Well Permits	0	0	0	0	0	0	0	0	2	0	1	3	0	1	4	1	1	1	0
Monthly Totals	105	104	97	87	161	256	99	70	101	107	183	1370	1540	1357	1355	1195	1405	1642	1668



Unit: Accreditation

Date: May 2025

Staff: Lynn Schoeff and Alison Bodenheimer

Activities and Accomplishments

Activity	Notes
Responding to PHAB feedback	- Reviewed PHAB feedback regarding 26 documents that have to be modified and resubmitted. - Assignments to appropriate staff member - Beginning modification.
Performance Management	- Ongoing progress tracking in the performance management dashboard in collaboration with staff
Quality improvement	- Working with staff to ensure smooth processes for food permit and farmers market permit applications applying QI processes.
Policies	Activating PH Staff in an Emergency Reportable Diseases Program Evaluation Septage and Waste Hauler Permits Residential Kitchens Asbestos Removal in Demolition of Residential & Commercial Properties Expense Reimbursement (HHS) Duty to Warn (HHS) Student Interns (HHS) Racial and Health Equity (HHS)

Other Public Health Division activities this month:



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Unit: Traveling Meals Program

Date: May 2025

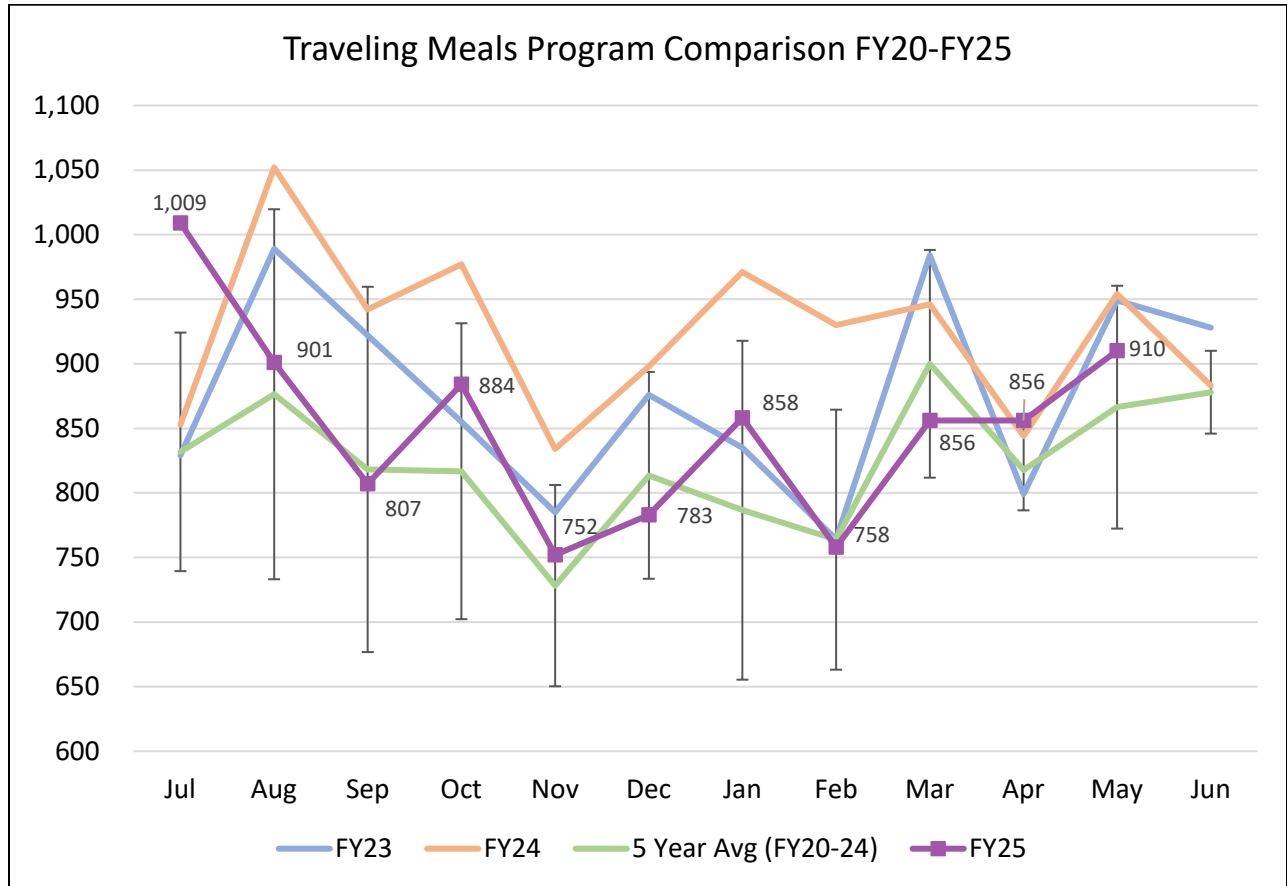
Staff: Rebecca Hall

Activities and Accomplishments

Activity	Notes
<i>Volunteers and Seasonal Drivers delivered meals to homebound Needham residents in need of food.</i>	<i>Meal delivery for month by 29 Volunteer Drivers and Community Partners</i>
<i>910 Meals delivered in May 2025</i> <i>52 Clients at end of May:</i> <i>42 Springwell Consumers</i> <i>10 Private Pay Consumers</i> <i>5 New Clients (3 Springwell, 2 Private)</i> <i>1 Cancelled Program (1 Springwell)</i>	<i>No 911 calls initiated</i>
<i>Included stroke informational flyers from BIDN in meal bags</i>	<i>Flyers included information about “Is it a stroke?” and How to Lower Stroke Risk from MADPH</i>
<i>Completed hiring of 3 Seasonal Drivers and 2 Substitute Drivers for summer</i>	<i>Summer delivery will begin on 6/16/25</i>
<i>Attended Mental Health First Aid Training for Older Adults</i>	<i>7 Volunteer Drivers also attended training</i>

Other Public Health Division activities this month:

Summary overview for the month: Graph of Meal Deliveries for the month May 2025





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Unit: Substance Use Prevention MassCALL3 grant: Dedham, Needham, Walpole, Westwood

Date: May 2025

Staff members: Carol Read, M.Ed., CAGS, CPS & Lydia Cunningham, MPH, CHES®, CPS

Activity	Notes
Jessica Goldberg, MPH, MSW, Education Development Center- 5/1, 5/12, 5/22	-Creation and review of substance use and mental health youth survey data graphs for MassCALL3 region. -Preparation for annual regional MassCALL3 meeting: data review, content review and preparation, logistics.
Norfolk County District Attorney Morrissey: Substance Use and Medical Review- 5/6 Dr. Dan Muse	-Review of information: synthetic cannabinoids and other synthetic drugs. -Synthetic cannabinoids: very strong affinity for brain receptor sites; response in body can include drowsiness, dizziness, lethargy, confusion, anxiety, delirium, seizures, convulsions; mostly used by young males; often used due to belief that it will not appear on drug test; no accepted medical use.
Bridget Gough, Superintendent of Schools, Walpole Public Schools- 5/6, 5/13	Outreach: request for advice/support in setting up a meeting to discuss MassCALL3 grant goals and review current health education curriculum regarding substance and mental health in Walpole Public Schools.
BSAS: The Montana Institute Session 6: Implementation of Positive Community Norms -5/7 Ben Tanzer & Sara Thompson, The Montana Institute	-Communication planning: Value of creating a communication plan around existing community events, holidays, etc. Include: audience, media type, publicity, opportunities for conversations, tools for others, dosage. -HEAR strategy for addressing pushback or misinformation: hear health, explain evidence, ask questions, relay resources.
Needham Public Health Division Staff Meeting- 5/13 Timothy McDonald, Director of Health and Human Services, Tara Gurge, Assistant Public Health Director	Agenda: Upcoming BOH meeting dates and topics; staff changes and updates: four positions open; building updates and physical changes: new space in front desk area; federal and state grant funding updates; upcoming Mental Health First Aid for Older Adults training; tentative Excel training; International Overdose Awareness Day preparation.
Dedham Organization for Substance Awareness (DOSA)- 5/14, 5/28 Mae Mears, Program Director & Tae Averett, Program Coordinator	-Review of individual and overlapping strategies for substance use prevention and mental health promotion. -Preparation for MassCALL3 adult social marketing campaign and social norms campaign. -Dedham Public Health and DOSA staff transitions.
Middlesex County District Attorney Ryan: Anti-Hate Anti-	-Recognition of Mental Health Awareness Month and Asian American & Pacific Islander Heritage Month.



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Bias Taskforce- 5/15 Dan Berger, Cornell University, Sgt. Matthew Owens & Jessie Barbosa, MA State Police Hate Crime Awareness and Response Team (HART)	-Update on Deferred Action for Childhood Arrivals (DACA) program: Texas vs. United States lawsuit challenging the legality of DACA, timing of final decision uncertain. In 2023, 580,000 people with DACA nationwide. Employers and employees should prepare for possible termination. -HART Unit: created in 2023 to confront and deter hate crimes. Hate crimes are criminal offence motivated by hate. Most commonly: vandalism/defacement of property, intimidation, destruction of property, and assault.
CADCA: Competencies in Focus- Evaluation- 5/15 Andrea Avendano-Jurado, Jessica Price, Abby Nellis, Madeline Drapp, Jaidan Adams, Katie Wiedeman & Terisha Friedmann, CADCA	-Overview of Prevent+Ed programs: school-based education and professional development. Programs provide assessment/referrals, peer support specialists, community coalitions, naloxone trainings, medication disposal, leadership programs. -Conducting program evaluation and interpreting results: evaluate to determine needs for adaptation, partner for evaluation, host follow up conversation with participants. Embedding evaluation into everyday activities.
Dr. William Hahn, Assistant Superintendent of Schools & David Wall, Director of Wellness, Walpole Public Schools (WPS)- 5/16	-Overview of MassCALL3 and Drug-Free Communities grants. -Review of information provided regarding time-in-learning and substance use/mental health focused curriculum taught in grades K-12. -Review of two programs: Alcohol Education: Safe and Smart and Stanford's Smart Talk: Cannabis Prevention & Awareness curriculum. Feasibility of implementing the two programs into WPS curriculum for middle and high schoolers. Support available through MassCALL3 grant.
MA Dept. of Public Health Bureau of Substance Addiction Services (BSAS) Regional Grantee Meeting- 5/20 Andrew Robinson, Prevention Program Manager; Jose Morales, Director of Prevention; Sarah Ruiz, Deputy Director for Strategy & Community Health, BSAS	-Evolution of BSAS: shift in focus from strictly preventing harms to promoting positive and growing protective factors. New mission and vision statements focusing on health and well-being. -HOPE model/framework's four building blocks: relationships, environment, engagement, emotional growth. Focus on growing these positive areas for young people and communities in the state. -Grant and capacity building update: HRiA grants and webinars focused on capacity building and leadership in community-based organizations.



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County Health Rankings and Roadmaps: Harnessing power to drive policy change- 5/20 Ericka Burroughs-Girardi; Joanne Lee; Jami Crespo; McKenzie Cowlbeck	-CHR&R annual report and new model including power. Power and societal rules shape community conditions which impact population health and well-being. -Power building strategies: determine your legal authority, follow Act for Public Health, build relationships with decisionmakers. -Balancing public health authority and individual liberty: common good vs individual rights (due process, equal protection, freedom of speech). -Building relationships with policymakers: connect authentically, connect before you need them (outside of session), avoid burning bridges, use framing to make a difference.
Needham Board of Health- 5/20 Timothy McDonald, Director of Health and Human Services, Tara Gurge, Assistant Public Health Director	Agenda: Welcome & public comment; Board reorganization; review of April minutes; April staff reports; designations of agents; Public Health Division charge; nicotine pouches; proposed new fee schedule, permit free calculator, and risk-based fee.
MetroWest Adolescent Health Survey (MWAHS) District Meeting- 5/22 Shari Kessel Schneider, Education Development Center	-Preparation for 2025 MWAHS administration; specifically providing information to parents/guardians regarding the survey. -New guidelines for making the survey available for parents/guardians to view in advance of administration and how to respond to pushback and misinformation.
Community Conversations on Race: Becoming an Inclusive Community- 5/22 Dr. Gary Bailey, MSW Program Director, School of Social Work, Simmons University	-Recognition and discussion of the impact of privilege on our daily lives. -Discussion: opportunities for dialogue about race/diversity in our daily lives; acting on these opportunities; discussing race with people like you. -The danger of the “single story” narrative: how we have experienced/perpetrated this, and how we can change.
MetroWest Substance Awareness & Prevention Alliance- 5/27 Amy Turncliff, PhD, Rockfern Scientific, Chair	-Cannabis policy: public-health related cannabis bills filed Jan. 2025 discussed at Joint Committee on Cannabis Policy Hearing 5/7. -Nicotine Free Generation: state Senate bill sponsored by Senator Lewis and House bill sponsored by Rep. Vitolo. -Opioid settlement funds: CARE conference for municipal leaders held 5/27.
Massachusetts Alcohol Policy Coalition- 5/28 Elizabeth Parsons, Chair	-Local alcohol policy: mandating responsible beverage service training for licensees, limiting sale of alcohol at public events (farmers markets, concerts). -Coalition members presenting at CADCA Mid-Year conference in July on empowering youth to advocate for



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	policy change. Detailing efforts from this group and other trainings/events. -Dr. Jernigan meeting with Needham (SPAN) to provide technical assistance to students on alcohol policy before they meet with legislators.
Bright Solutions Peer Mentoring Call- 5/29 Amanda Decker, Bright Solutions LLC	-Group sharing: current success and challenges in local prevention work. -Strategies for hosting meetings: preparing by reaching out to participants, creating action-based agendas, personally inviting individuals to meetings, start meetings with “why,” follow up with those who are unable to attend.
CHEI Data & Action Workshop: Combining Qualitative & Quantitative Data to Advance Equity for Immigrants- 5/29 Metropolitan Area Planning Council	-Language access on Cape Cod among residents who are immigrants: mixed-methods research conducted. Barriers to health care discovered and recommendations provided. -Immigrants’ Assistance Center: using data-driven storytelling to eliminate barriers and create systems change. -Using qualitative and quantitative data to fill gaps and answer questions where more information is needed.

*NPHD April Report- monthly activities

*Time dedicated to in-person collaboration and capacity building in cluster communities
This report is part of a larger quarterly report to BSAS and is not considered finalized for purposes of the BSAS report. A later version will be available.

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END



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Unit: Substance Use Prevention

Date: May 2025

Staff: Karen Shannon, Karen Mullen, Monica De Winter, Angi MacDonnell, Vanessa Wronski

Activities and Accomplishments

Activity	Notes
SPAN Projects & Events	SPAN in the community: SPAN at Mitchell Elementary School event: on May 8, Caryn Bello, Psy.D., a SPAN Mental Health Action Team member, was a panelist for the event, "The Anxious Generation," hosted by the Mitchell Elementary School Parent Council. Caryn was accompanied on the panel by Jessica Downey, High Rock Middle School Principal, Sara Shine, Director of Needham Youth & Family Services, Chris Gosselin, Director of Technology and Digital Learning for the Needham Public Schools, a Needham High School 12th grade student, and a Mitchell School parent. SPAN received an invitation to participate in the event when a Mitchell Parent Council member read a recent post in the SPAN <i>Rethinking Success</i> campaign, "Raising Children in a Wealthy Community," https://www.spanneedham.org/rethinking-success. Jog for Joy 5k: on Saturday, May 10, SALSA and SPAN attended the annual Jog for Joy road race hosted by the High Rock Metro West Church. The event raises funds for mental health, and this year the church chose to donate race proceeds to SALSA. Needham Overdose Awareness Day: the Prevention Team is leading the planning for the 4th annual Needham Overdose Awareness Day vigil. The planning committee met on May 14 with representation from stakeholders in healthcare, addiction treatment centers, public safety, non-profit groups (Learn to Cope and Becca Schmill Foundation), students and the recovery community. The vigil will occur on Thursday evening, August 28, at the Town Common. Prevention Team staff worked on nicotine pouch regulation, and teamed with the Environmental Health staff to research product testing protocols, regulation by other MA communities, and consulted with MAHB and MMA leadership on regulation language for Needham BOH Article 1. SPAN social media: https://www.facebook.com/SPANNeedham/ SPAN Committees:

	Steering Committee met on May 13 to finalize updates to the SPAN Strategic Plan for Coalition, Goal 1: Establish and strengthen collaboration among community stakeholders and organizations to address youth substance use. Education Action Team met on May 8 to plan prevention programming for the upcoming Coalition year.
Needham Public Health Peer Recovery Coach	During May, Angi MacDonnell, Peer Recovery Coach engaged in the following: Worked with 10 people (phone, in person, and text contacts) Average Age of those receiving services: 53 years. Angi and Karen Shannon attended Mental Health First Aid for Older Adults on May 20, and the BSAS Opioid Settlement Funds Conference on May 27. Angi conducted Narcan training for the Center at the Heights clinical staff. Angi receives award: Natick 180 recognized Angi at their spring coalition meeting for her work in Peer Recovery Coaching. Angi is a Natick resident and contributes her personal time to Natick 180, a community coalition that focuses on addiction education, prevention and recovery.
STOP Act grant	SAMHSA grant: STOPing Underage Access and Use of Alcohol: Codifying Youth, Parent and Retailer Education and Compliance in Needham, MA: Alcohol compliance – Closeout reports for the completion of the STOP Act grant continue. Grant staff learned last month that SAMHSA is requiring the submission of three additional reports as part of a new reporting system implemented in late April.
SALSA	During the month of May, 48 SALSA members contributed 150 hours of service in Needham. May highlights include: - Isabel Tashie/NHS SALSA leader was recognized for her prevention work on Nicotine Free Generation in Somerville by the city's "Somerville Cares about Prevention" (SCAP) on 5/29/25. We're proud of Isabel's accomplishments in Needham and in MA. - SALSA member Amiyah Fernandes led the Vaping Awareness Team in a "Safe Vape Disposal Recycling" event on 5/17 at Memorial Field. They collected used e-cigarettes and safely disposed of them at the Needham Recycling & Transfer Station. This event was in partnership with Matt DeMarrais at the Needham Recycling/Transfer Station.

	- 21 SALSA members taught refusal skills to 60 Pollard Middle School 8th graders. They debunked myths about alcohol and other drug use among NHS students. The classes were taught over 2 days on 5/22 & 5/23 at Pollard MS. - 4 SALSA students volunteered at the Jog for Joy 5k event on 5/10 to benefit Mental Health.
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Summary for May 2025: Focus this month included research on nicotine pouch regulation for the Needham Board of Health, preparation for the SPAN Spring Coalition Meeting on June 10 and for responsible beverage service training on June 2, STOP Act grant reporting, and SPAN participation in community events.



Unit: Emergency Preparedness

Date: May 2025

Staff: Taleb Abdelrahim

Activities and Accomplishments

Activity	Notes
Medical Reserve Corps (MRC)	Conducted a volunteer survey using a shelter activation scenario. Compiled the results into a report and shared it with the Emergency Operations Center (EOC) team during EOC Activation Exercise.
Emergency Preparedness	- Organizing the RRC's basement: disposed of expired/unusable items and began inventorying retained supplies. - Attended the Region 4AB Disaster Debris and Public Health seminar focused on disaster debris as a health hazard. - Participated in an Emergency Operations Center (EOC) Functional Exercise. Represented ESF #6 – Mass Care (sheltering), emergency supply distribution, MRC support roles, and more.
Accreditation	- Completed and submitted the After-Action Report (AAR) for the last September flu clinic to meet the PHAP requirement. - Continued working on remaining documents that should be revised and resubmitted.



Unit: Epidemiology

Date: May 2025

Staff: Julie McCarthy

Upcoming respiratory virus season updates:

- Covid-19 levels across the country are low at the moment, but last year we had a decent summer wave. The WHO added a new strain, NB.1.8.1 to its variant monitoring watchlist. No current evidence to indicate this variant leads to more severe illness than other variants in circulation.
- The FDA recommended drugmakers update the Covid vaccines to target the LP.8.1 strain. The FDA vaccine advisory committee had recommended not updating the Covid-19 vaccine strain for this fall. Huge and confusing changes to Covid-19 vaccine eligibility. Currently, 65+ are eligible and under 65 must have certain health conditions to be eligible and/or may be eligible with shared clinical decision-making (might not be covered by insurance). ACIP to meet later this month (hopefully).

Misc. Mass Dept of Public Health notifications (also posted to social media):

- Anyone who dined at The Red Inn at 15 Commercial Street in Provincetown between April 30 and May 15 [may have been exposed to hepatitis A](#) and should contact their healthcare provider.
- Cluster of botulism cases linked to [cosmetic Botox injections at Rodrigo Beauty](#) (464 Granite Ave in Milton). Anyone who received Botox injections at Rodrigo Beauty between May 1 and June 4 this year is urged to contact us or MA DPH immediately, even if not experiencing symptoms. If experiencing symptoms, go to nearest Emergency Dept.

Activities and Accomplishments

Activity	Notes
Rats!	We appreciate all resident responses to the survey for residents to report rat sightings! We have already received >20 responses since the end of April and will continue to make link available on website and social media. Continuing to build and edit rat education website .
Ticks/ arbovirus season	Mass Department of Public Health Arbovirus updates begin in June with mosquito surveillance and testing.



Unit: Public Health Nursing

Date: May 2025

Staff: Hanna Burnett and Ginnie Chacon-Lopez

Activities and Accomplishments

Activity	Notes
Community Outreach	Hannah: attended Great Bear Run and had over 200 people come and learn hands-only CPR and how to use an AED.
Education	Ginnie: various webinars; attended MAPHN Conference; attended MEHA's Annual Seminar.
DVAC	- The last episode of the 5-part series was recorded with The Needham Channel. - Mother's Day drive for REACH with strong community support. Items collected included baby wipes and bedding for shelter occupants. Mother's Day lunch was sponsored for shelter occupants.
HEARTSafe	- Interviews for CPR instructors were conducted. - Brainstorming how to meet Element 9: Establish a 911-Integrated AED Registry on the HEARTSafe Community application.
Additional Notes	- Camp applications and binders reviewed. - Announced Cepheid COVID-19, Flu A, Flu B, and RSV PCR testing to community.

Potential Foodborne Illnesses	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2025	2024	2023
Calicivirus/Norovirus						<5	6	<5	<5				9	5	5
Campylobacteriosis Confirmed/Probable	<5	<5	<5				<5			<5			6	10	9
Cryptosporidiosis													0	<5	0
Cyclosporiasis													0	<5	<5
Enterovirus	<5				<5								<5	0	0
Giardiasis													0	0	<5
Salmonellosis		<5						<5					<5	<5	5
Shiga Toxin Producing Organism	<5							<5					<5	<5	<5
Shigellosis		<5											<5	0	0
Vibrio spp													0	<5	<5
Arbovirus	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2025	2024	2023
Babesiosis								<5					<5	<5	<5
HGA/Anaplasmosis			<5	<5									<5	<5	<5
Lyme Disease Suspect	6			<5	<5								9	45	58
Lyme Disease Probable		<5	<5	<5		<5	<5						7	35	19
Other Communicable Illnesses	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2025	2024	2023
Group A streptococcus						<5				<5			<5	0	0
Group B streptococcus													0	<5	<5
Haemophilus influenzae		<5											<5	<5	0
Hepatitis B Confirmed/Probable				<5		<5	<5				<5		5	5	<5
Hepatitis C Confirmed/Probable	<5	<5							<5		<5		5	<5	0
Influenza Confirmed			<5	<5	7	25	106	126	53	19	8		346	155	193
Malaria													0	<5	-
Legionellosis													0	<5	<5
Novel Coronavirus Confirmed	24	34	27	13	<5	14	32	13	16	9	<5		187	308	980
Novel Coronavirus Probable	14	7	8	7	<5	8	10	<5	<5	<5	<5		65	54	188
Pertussis (Bordetella spp.)		<5	<5										<5	0	<5
Streptococcus pneumoniae							<5						<5	0	<5
TB Infection Confirmed	<5	5	<5		<5								12	45	44
TB Infection Contact	<5												<5	<5	-
Varicella					<5								<5	6	<5
Totals	55	55	45	26	19	53	158	146	73	31	14	0	675	690	1520

Immunizations/Injections	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2024	2024	2023
B12	2	1	1	1	2	2	1	1	2	1	2		16	8	3
Influenza			332	115	76	8	2						533	771	719
Tdap						1			1				2	0	1
Covid-19				30	31	15							76	208	461
VFC						3			3	4			10	0	0
Other						5			4	4			13	3	0
Total	2	1	333	146	109	34	3	1	10	9	2	0	2	990	1184

Animal-to-Human Bites	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2024	2024	2023
Dog													0	3	3
Cat													0	1	0
Bat					1			3					4	0	0
Total Bites	0	0	0	0	1	0	0	3	0	0	0	0	4	4	3

Assistance Programs	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2024	2024	2023
Food Pantry													0	0	4
Friends	1												1	0	0
Gift of Warmth	0	2	1	5	4	0	2	2	0	0	0		16	29	51
GoW Amount	0	1400	300	2394	1877	0	1404	500	0	0	0		7875	16843	25921
Parks & Rec													0	0	0
Self Help													0	2	6

Education	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2024	2024	2023
CPR Education			88	17	11	14	22	0	44	39	200		435	243	197
Matter of Balance Graduates					5				11				16	15	34
Narcan	3	69	13	8	9	0	5	8	20	13	12		160	174	25

Donations:	\$0
Gift Cards Distributed:	0

May 2025 Report

Unit: Public Health Excellence - Shared Services, Contact Tracing & Local Public Health Training Hub

Date: 6/6/2025

Staff members: Kerry Dunnell, Jennifer Casey, Jennifer Gangadharan & Padraig Martin

Activities and Accomplishments

Activity	Notes
Shared Services- Charles River Public Health District (Towns of Dover, Medfield, Needham, and Sherborn)	Staff members: Kerry Dunnell, Jennifer Casey, Jennifer Gangadharan Staff Updates We have completed a review of job descriptions for the two open positions: Regional Environmental Health Agent and Assistant Manager for Shared Services & Training Hub. We will solicit support from the Charles River communities in interviewing candidates. Community Support & Engagement <i>Environmental Health -- Regional environmental health agents support environmental health activities and conduct inspections in all member communities as requested</i> Inspections in communities are on hold until positions are filled. <i>Public Health Nursing--</i> Jenn Gangadharan continues to cover MAVEN for Medfield and provided MAVEN coverage for Needham May 15-19. Coordinated meeting with American Heart Association and PHNs within CRPHD on 5.27 to discuss Free Blood Pressure Stations which would be set up in communities in places like libraries or councils on aging. Reached out to Middlesex Essex Regional Public Health Nurse to discuss creation of nursing web page and educational materials. Meeting set for June. Collaborated with lead school nurse in Medfield on 5.20 and 5.21 steps to take after cucumber recall on cucumbers that were distributed to and served in schools in MA. Also shared information with Dover Sherborn PHN who reached out to schools there. Letters sent out to parents to alert them of the recall and signs and symptoms of salmonella.

Met with Tamara Bedard PHN Consultant UMASS on 5.21 to discuss cucumber recall and also how to engage communities within the training hub.

Created Standard Operating Procedure Policies for Disease Investigation and MAVEN coverage for CRPHD advisory board to review. This will guide our work as we standardize our disease investigation protocols.

Created MAVEN Coverage Standard Operating Procedure. This document serves to ensure that Charles River Public Health District has a standardized protocol for MAVEN coverage so that each town always has a person able to check MAVEN daily.

Vaccination -- Shared the most up to date information available regarding MMR vaccination if families with young children (6-11 months) are traveling. This is a valuable resource for all LBOHs and members of the CRPHD communities. It is timely as we enter the summer months when many people travel.

Medication information provided to a Needham resident in need who stopped by the nursing office with questions.

Projects

Strategic Planning

- A draft report of the Strategic Planning work was shared with Advisory Board members and staff. The final meeting of the project will occur June 26, 2025.

Foundational Public Health Services Assessment

- Final results of all communities' assessments have been compiled into a 97-page presentation that includes detail about combined results for each area of assessment. These combined results will be a guide for the work of the shared services collaborative in the years ahead. Each community may also request to receive their individual results.

Staff Continuing Education & Training updates

Jenn Gangadharan participated in **Immunization Webinars** May 7th and May 21st. These webinars provide nurses the most up to date immunization guidance as well as strategies to use with vaccine hesitancy. This is an important education to share with all of our communities.

Jenn Gangadharan attended session on May 28th of a series **"Dismantling Racism in Nursing"** put on by American Nurses Association. This series focuses on equity within

the profession of nursing and the people we serve. As we strive for health equity in all our communities, listening to a variety of perspectives/experiences allows Public Health Nurses to plan approaches and strategies that are inclusive. Everything I am learning at these meetings contributes to my ability to strive for equity in all our communities.

Jenn Gangadharan attended the **Annual MA Association of Public Health Nurses (MAPHN) Conference** on May 14th & 15th. This conference provided up to date information on a variety of issues. I met a representative from the American Heart Association where I learned about the Free Blood Pressure Station Program which supplies communities with free equipment and education. I organized a meeting with the current Public Health Nurses in our SSA and the representative to discuss how to implement this program if there is interest from our communities. I also met another Regional PHN at this meeting who I have a follow up meeting with in June to discuss website content and educational materials for our communities.

Jenn Ganghadaran and Kerry Dunnell attended **Mental Health First Aid for Older Adults** May 5th, 2025. Organized by Rebecca Hall, Needham Traveling Meals Coordinator, 5.2025, this training teaches a framework and provides valuable strategies, insights and resources about working with older adults. Both Kerry and Jenn are now certified as a Mental Health First Aiders and will use the strategies learned here when considering programming needs and interactions with older adult members of Charles River Public Health District communities.

Training Hub- North Central & MetroWest Local Public Health Training Hub Serving the 40 communities in the Charles River Health District, Greater Boroughs, MetroWest Public Health Coalition, Nashoba Associated Boards of Health, Norfolk County-8 Public Health shared services arrangements, and the communities of Bellingham, Holliston and Marlborough.	Staff members: Kerry Dunnell, Jennifer Casey, Jennifer Gangadharan, Padraig (Pat) Martin Training Delivery Updates <i>Local Public Health Intensive Training (LPHIT) Food Inspection Training Tier 3</i> Pat Martin continues to work with two individuals to complete their on-site Tier 3 requirements. Tier 3 Food trainees are assessed by trainers on their work during five different types of inspections. Some trainees may meet all requirements after five inspections; some may require more than five inspections to do so. Once this step is complete, trainees are eligible to receive certification of completion. <i>Local Public Health Intensive Training (LPHIT) Food Inspection Training Tier 2</i> <i>Documentation Review</i> • No new requests in May. <i>LPHIT Housing Tier 3</i> Due to the departure of Sam Menard, we have had to postpone our June Tier 3 Level 1 offering. We are working with other training hubs and with OLRH to be able to offer this training during the summer. Additionally, we are working with OLRH to ensure that Pat Martin and Jenn Gangadharan receive their final certifications so that they may offer the training independently. <i>LPHIT Pools (developing)</i> Course development continues at the state level. We are all eagerly anticipating release of the curriculum. <i>LPHIT Wastewater/Title V (developing)</i> • MA Department of Environmental Protection (MA DEP) has filled one full-time position for a subject matter expert and trainer. This role enables the development of a training curriculum. Training Hub outreach, communication & support activities The North Central Metrowest Training Hub will offer a De-escalation for Inspectors training in June. We have been working with the instructor to develop accurate and
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effective scenarios that will be used to teach participants how to respond effectively in the face of disagreement during inspections.

Staff have been developing a survey for all environmental health staff in the forty-three communities we serve. The results of the survey will yield information about priorities and staffing in each community and be used to guide our understanding of community priority areas.

Funder Communication & Collaboration

MA DPH OLRH has organized a work group to develop a mission, vision and values for something called the Public Health Training Academy. The Academy will include offerings from the training hubs, and other public health training needs. The workgroup will meet nine times over four months to identify what the training needs are, and whose training needs will be met by the Academy. Workgroup participants include representatives from each of the ten local public health training hubs, each of the six professional public health organizations, the Coalition for Local Public Health (CLPH) and members of MA DPH staff from Office of Local and Regional Health, Bureau of Climate and Environmental Health and others.

Pat Martin will represent the North Central Metrowest Training Hub. Kerry Dunnell also will participate representing the MA Environmental Health Association.

Staff Continuing Education & Training updates

TRAINING FOR THE TRAINER

Both Pat Martin and Jenn Gangadharan continue to pursue eligibility to conduct LPHIT Housing Tier 3 trainings.

Pat conducted a Tier 3, Category 2 Housing Inspection with MA DPH staff from the Bureau of Climate and Environmental Health.

Jenn Gangadharan completed her final class LPHIT Housing Tier 3 session in preparation to co-host housing trainings for our training hub.

Both Jenn Gangadharan attended Bob Pike Train-the-Trainer Boot Camp this month. Pat attended an in person offering and Jenn attended a virtual offering. Participants learn about a variety of trainer-led/participant-centered training techniques that will help enable trainers to organize more engaging sessions that increase student learning and strengthen the quality of our hub training.

CONTINUING PROFESSIONAL EDUCATION

	Pat Martin attended the Massachusetts Environmental Health Association Annual Seminar in Southbridge, MA on May XX. The daylong seminar offers inspectors, agents and environmental health staff insight into developments in the field and opportunity to connect with other professionals from around MA. Session topics included West Nile Virus and EEE; Body Art Regulation and Enforcement; Advocacy for public health; and Food Protection Guidance. The panel on West Nile Virus and EEE including information on how one community responded to a EEE outbreak last year, and remarks from Dr. Cathleen Brown, State Epidemiologist, about what the data from previous years show, and what that may mean for the current year. Pat Martin completed the annual MA Association of Health Boards certificate training. This annual training served as a valuable refresher on Board of Health authority, responsibilities, and current challenges faced by LBOHs. Jenn Gangadharan attended a meeting of the MAPHN Southeast Chapter on May 22nd. This meeting offered a presentation by Kerry Wagner, Environmental Analyst at MA DPH Community Sanitation Program in the Bureau for Climate and Environmental Health. The presentation “Minimum Standards for Recreational Camps for Children, State Sanitary Code IV” provided informative and very useful information as camp season begins. The presentation provided details about the inspection process as well as the code which I will use as I review camp binders in Needham and prepare for camp inspections.



Board of Health

AGENDA FACT SHEET

August 8, 2025

Agenda Item	June 2025 Staff Reports
Presenter(s)	Public Health Division staff members

1.	BRIEF DESCRIPTION OF TOPIC TO BE DISCUSSED
Each program area within the Public Health Division will give a brief update on current topics, projects, events, accomplishments, and more.	
2.	VOTE REQUIRED BY BOARD OF HEALTH
Discussion only.	
3.	BACK UP INFORMATION:
a) Environmental Health – Sai Palani & Tara Gurge b) Accreditation – Lynn Schoeff & Alison Bodenheimer c) Traveling Meals – Rebecca Hall d) Substance Use Prevention: Regional – Lydia Cunningham e) Substance Use Prevention: Needham – Karen Shannon, Karen Mullen, Monica DeWinter, Angi MacDonnell, Vanessa Wronski f) Public Health Preparedness –Taleb Abdelrahim g) Epidemiology – Julie McCarthy h) Nursing – Ginnie Chacon-Lopez & Hanna Burnett i) Shared Public Health Services – Kerry Dunnell	



Needham Public Health Division

Prevent. Promote. Protect.



June 2025

Assist. Health Director - Tara Gurge

Full-time Health Agent – Sainath Palani

Part-time Health Agent/Food Inspector – Monica Pancare and Pamela Ross-Kung

Part-time Interns – Alexandra Diener and Xinran Wang (Nelly)

Unit: Environmental Health

Date: August 8, 2025

Staff members: Tara Gurge, Sainath Palani, Monica Pancare, Pamela-Ross Kung, Alexandra Diener and Xinran Wang (Nelly)

Activities and Accomplishments

Activity	Notes
Staff/Intern Project - Updates	Pamela Ross-Kung's last day with us was on June 30th. She wants to continue her passion and focus on food safety training. Pamela will be working with us on conducting the upcoming food establishment fall forum trainings. We are excited that she will continue to work with us and assist us in conducting these trainings. We have reposted her position and the application deadline is on July 30th. MDPH Summer intern, Xinran Wang (Nelly) started with our group on June 3rd and will working with our team until August 12th. Nelly's main project and deliverable to MDPH will be work on interventions to reduce the occurrence of food safety risk factor violations. This will help complete the work that was started by Alexandra related to FDA standard 9. The interventions that Nelly will be working on is creating informational brochures describing the most common risk factor violations that we found in five different food establishment types (schools, healthcare, retail, fast food, full service) in our 2024 inspections. In addition to this she will be creating recorded presentations on the four most common risk factor violations that were found in 2024. She was also trained to perform Farmer's market inspections and has been shadowing Sai to at least get the experience of doing one of each type of environmental health inspection. Alexandra has been assisting with uploading health inspection reports to our website, upassistedr contact information for the food establishments on Food code Pro, assisted with creating a food waste survey for food establishments and meeting with the Town sustainability manager about increasing our capacity for food waste mitigation and diversion efforts in the Town and at the schools, assisted Julie with research about ticks and

	mosquitos and assisting Nelly on her project related to Standard 9. She has also been shadowing Sai on various inspections and has been assisting as she can on those inspections.
Staff Trainings	Sai attended a recent training offered by Shared Services entitled, 'De-escalation Techniques for Inspectors.' Sai participated in a tobacco flavor test with Cheryl Sbarra and representatives from various regional tobacco control collaboratives/districts in the MADPH office in Marlborough. We blindly tested tobacco products being observed in other parts of the state by the managers of the several tobacco control districts. The purpose of the testing was to determine a formal best practice for testing various types of tobacco products including nicotine pouches and vape products. This experience will aid NPHD staff in drafting SOPs to test products in the future and to also attempt to run new testing for new products being observed in Needham stores. Products which were unanimously deemed to be flavored from that testing have been noted and health agents will confirm that those products are not sold with stores in Needham.

Other Public Health Division activities this month: (See report below.)

Activities

<i>Activity</i>	<i>Notes</i>
Body Art	0 – Permits Issued
10-Day Emergency Beaver Permit Issued	One emergency permit was issued to Tom Gravel (#N334) to trap beaver(s) along I-95 median/culvert area where excessive flooding was taking place costing MASSDOT thousands of dollars. The beavers were apparently blocking drainage culverts in median which drain from the Hunting Rd. neighborhood area across I-95, causing extreme flooding in the median but also within Needham. A site visit was conducted along with MASSDOT staff to confirm the presence of beavers. Prior to issuance of the permit, property damage observed after stormwater had flooded the residential properties on a particular section of Hunting Rd. It was determined that excessive flooding along the highway was creating a threat to human health and safety. No permit extensions were requested.
Demo Reviews/ Approvals	10 - Demolition signoffs: -#33 Thurston Ln. -#176 Highgate St. -#13 Kimball St. -#89 Hunting Rd. -#184 Brookline St. -#9 Morley St. -#106 Windsor Rd. -#160 Country Way

	-#159 Dedham Ave. -#430 Grove St. (on hold by historical commission)
Disposal of Sharps Permits	0 – Disposal of Sharps Permits issued.
Septage/Grease/ Medical Waste Hauler Permits Issued	0 – Septage/Grease & Medical Waste Hauler Permits Issued.
Trash/Recycling Waste Hauler Permit issued	1 - Trash and Recycling Waste Hauler Permits issued. -Black Earth Composting
Food - Plan reviews/Follow-ups/Pre-operation inspections	1 – Plan Review Meetings/Initial Pre-operation inspections conducted for: -Twist Bakery- They have opened a warehouse space to store flour for their main bakery which is located in Millis. However, they are seeking a food permit to also open a retail business at the store where they sell packaged prepared food and baked goods, which are all prepared from their Millis location. Requirements were discussed with the applicants and health agent requested the applicants to submit certain additional information.
Food – Temporary Food Event Permits issued	2– Temporary Food event online permit application reviews and permits issued to: - July 3-4th: Fireworks and Parade run by the Exchange Club - July 4th: Pancake Breakfast at Masonic Hall
Food Complaints/ Follow-ups	3 – Food Complaints/Foodborne illness cases receive for: - FBI case- Food handler at Café Fresh diagnosed with Yersiniosis. Reported by PH nurses and individuals was excluded from work. -Employee at Micromarket at the Exchange (on Kendrick St.) left a voicemail stating there were poor sanitary conditions and milk and other food being left out past its use-by date. Caller was contacted but did not respond. Establishment will be checked in on at the upcoming routine inspection. -Complaint about pet dogs being allowed into Panera. Health agent followed Panera who said their HR department had told staff to not confront customers after an incident with a customer with a dog. Panera manager was informed that non-service animals are not allowed into food establishments per the state food code and they were provided with resources about that.
Housing - Complaints/Follow-ups, etc.	(2/3) - New Housing Complaints/Follow-ups conducted at: – <u>Greendale Ave. (0/0)</u>: See past monthly reports for history. Reinspection performed on May 9th and owner was able to attend to some items and has made some progress. Another check in inspection is scheduled for Mid-July. – <u>Chambers St. (Needham Housing Authority/NHA) (0/0) - Update:</u> Per the NHA, the judge denied appeal from the defendant in June. Next steps will be determined in month of July. – <u>Seabed's Way (0/0)</u> – Complaint received about fine dust forming on floors in unit creating unsafe air quality in their unit and causing health issues. Update: NHA

	facilities manager was scheduling with occupant to re wax the flooring in the unit. They will contact our office once completed to perform a reinspection. – Pickering St. (0/1) – EMS services reported extreme unsanitary and unsafe conditions during responding to an emergency at a property. Update: Access was provided and inspection of accessible areas was performed. Conditions deemed to endanger were present and owners/occupants are working with staff. Orders to correct with an inspection report were sent out. Responsible parties called on June 23rd to give an update about their plans and a reinspection along with a fire inspector on July 16th. – Gould St. (1/1) – There were reports of mouse activity in the units. The property manager was called who confirmed this was true and they were in the process of aggressively treating the building and the units with issues. Recent and detailed pest control reports were sent which verified that issue was aggressively being treated. Occupants of units were contacted to try to schedule an inspection but health agent was not able to reach occupant and no one reached out since the initial complaint. No further action required. – 2nd Ave. (1/1) - There were reports of mouse activity in one of the units. The occupant requested an inspection. Mouse activity was observed and orders to correct were sent to the property manager. Recent pest control reports were sent to our office and a reinspection has been scheduled to occur in the month of July.
Housing Pre-occupancy inspections	0 – Housing pre-occupancy inspections conducted.
Nuisance complaints/Follow-ups	(0/3) – New Nuisance Complaints/Follow-ups: - Dedham Ave. (0/1) – This has been a repeating issue for a year where renters are piling trash bags on the rear deck and grass is not being mowed. Trash has frequently been seen with holes in the bags showing that wildlife is getting to trash. Property owner is out of the country and was non-responsive and renters are non-cooperative in providing information about the property owner but said they would handle issues. This is another incident reported where trash was being stored improperly on rear deck. Inspection performed and orders to correct were sent out. Update: Reinspection performed and trash was removed and grass was mowed. - Central Ave. (0/1) – Trash and junk was being piled up on property which was removed from a barn that was potentially in an unsafe structural condition per neighbor. Update: A hauler was contacted to remove majority of items and remove any standing water. Health agent met with property owner who stated they are in the process of organizing their belongings and trying to make arrangements for each to be removed. The immediate nuisance conditions were alleviated and they agreed to minimize the nuisance moving forward and would try to arrange to get items off the property as soon as they can. A compliance letter was issued and some informal follow-up will be performed to confirm that a larger nuisance does not reoccur. - Highland Ave. (0/1) – Caller reported rats running around the property and noted that abutting property had an unkempt landscaping pile where they believed rats

	were nesting under. Update: Health agent visited property in question. The business owner who called was not present. The staff present allowed the health agent to inspect the property and multiple rat burrows were noticed in a stone wall feature next to the dumpster and in the landscaping next to a grill covered in food debris. The health agent informed the staff to clean around the dumpster as it was overflowing, to clean the grill and to hire a pest control company to treat. If the owner has further questions about this, they could contact our office.
Indoor/Outdoor Pool plan reviews/ spot checks and annual permit renewal inspections	– Indoor/Outdoor plan reviews and pool spot checks conducted.
Planning Board Special Permit reviews	5 - Planning Board review conducted for: - 66B Street, 360 First Ave., 410 First Ave., 2B St., and 37A St. (Boston Children's)
Septic Certificate of Compliance (COC)	0 – Septic Certificate of Compliance final signoffs issued.
Septic – Construction Repair permit issued	0 – Septic Construction Permits issued.
Septic Failure Letters	0 – Septic system failure letters sent.
Septic Installation inspections	1 – Septic installation inspections conducted. - 243 Hunting Rd.
Septic Deed Restrictions	0 – Septic Deed Restrictions received.
Septic Installer Exam/Permit Issued	1 - Septic System Installer exam and permits issued. -Perdoni Industries, Inc.
Septic Addition/Reno. to a Home on a Septic reviews	0 – Addition/Reno. to a Home on a Septic reviews conducted.
Septic Plan Reviews/Approvals issued	0– Septic Plan reviews conducted/approvals issued for:
Septic – Soil/Perc Tests	0– Septic Soil/Perc Tests conducted.

Septic Trench permit issued	1 – Septic Trench permits issued. -260 Charles River St.
Septic – Abandonment Forms	0 – Septic abandonment/connection to sewer forms received.
Tobacco Compliance Checks/Hearing Scheduled/ Retail inspections	4 – Tobacco retail routine compliance checks conducted at all permitted establishments. - Order letter was sent out about new products that were determined to be flavored, which included the following products: NYKD- Vibe & Pure, Velo-Smooth, Zone-Tobacco, and Grizzly-Original. - Speedway (Fail-reinspection required as store had no current DOR license posted and did not have manufacturers letters for all their products present. Update: Reinspection performed, and establishment had DOR license for cigarettes and cigar but not one for e-cigarettes. Their corporate office failed to apply for one and confirmation was sent to our office showing that they had applied and were waiting on DOR to issue permit at time of inspection. Store was checked to confirm that none of the products we had determined to be flavored were present. - 7-Eleven (Failed-Reinspection required as some of the manufacturers letters were missing) Update: Products without manufacturers letters were removed off shelf and all products determined to be flavored were also removed. - GPA-Gas (aka Exxon) (2x)- A routine inspection was performed and it was determined and some products were missing manufacturer's letters that followed state law. Reinspection was also performed and letters for all products were present and at that time all products determined to be flavored were confirmed to be removed from display. - In addition, other cigarillos products determined to be flavored by other state tobacco agents were purchased to determine whether they are clearly flavored or not.
Well Permit online plan reviews/ inspections	1 – Well permit online application plan review conducted -Approval was given to dig test well at the Jack Cogswell building at 1407 Central Ave.
Zoning Board of Appeals plan reviews	4 – Zoning Board of Appeals plan reviews conducted for: - #99 Whitman Rd. - #334 Chestnut St. - #62 Kimball St. - #60 Ellicott St.

FY 25 Priority FBI Risk Violations of Interest

Establishment	Date	Violation(s)	Corrective Action/Follow-up
St. Joseph's Elementary School	June 2, 2025	The temperature of the meatballs in warming units was a 119F. They were delivered a few minutes prior to the start of the inspection and the temperature of the unit was above the temperature of the meatballs which indicated that potentially the food was delivered outside of safe temperatures.	- Kitchen manager contacted kitchen that makes the boxed lunches located in Boston to take temperatures moving forward from that commissary and that staff at St. Joseph's will take temperatures upon deliver of TCS products.
Needham House of Pizza	June 3, 2025	-Pizza in hot holding box was at 123F. Unit was not fully turned on.	-The person in charge was notified of this and staff were asked to turn the warming box so that the pizza can be held at safe hot holding temperatures.
Cook	June 14, 2025	-Raw beef burgers were observed to be stored and in direct contact with sweet potato fries in one of the cold holding units. - Hollandaise sauce was at 109F for an extended period of time. -Falafel and milk inside a fridge were held at temperatures above 50f. Entire unit was not working.	-Fries were discarded since they are not normally cooked to temperature and staff were reminded to not store meat above or in contact with ready to eat products. -Hollandaise sauce and items in the warm fridge were all voluntarily discarded. Health agent discussed options to properly hot hold hollandaise sauce and warm fridge was ordered not to be used until it's ambient temperature stabilized.
Gari	June 16, 2025	-The temperature of smoked salmon and other raw fish was at 48f in sushi display case.	All fish was moved into below counter fridges and display cases were turned down. Fish temperature dropped back down to 40f. Fish was out of temperature for less than 2 hours after a lunch rush.

Dragon Chef	June 17, 2025	-A sprayer container of pesticide was stored on shelving where utensils and packaged food was stored.	-This was pointed out to the PIC who moved the chemical into their mop sink room.
Pine Village (Spanish immersion daycare center)	June 18, 2025	-The temperature of tomato sauce and cantaloupe in the reach in cooler was at 48f. Pad thai was also at 71f.	- tomato sauce and cantaloupe were delivered out of temperature from the commissary kitchen in Quincy based on known information. Items were requested to split in smaller portions and put into the freezer uncovered to cool down the product. Pad thai was requested to be reheated in a microwave and put into metal bowls and kept inside available hot box.
Sweet Boba	June 19, 2025	-Scoop handles were in contact with ready to eat product that would go into drinks. -Chemicals were stored around kitchen aprons.	- A reinspection was performed and owner arranged to have scoops to be stored in a separate clean bin between uses. -Chemicals were moved so they were stored on bottom shelf.
Founder Café (@ Shark Ninja)	June 24, 2025	-Temperature of chicken on hot counter line was at 127f. -Temperature of milk and several salad bar items were between 45-50f.	-Chicken was allowed to be reheated in the oven and put back on hot plates. -Milk and salad greens were discarded. Some other salad bar items were allowed to be cooled down.
Wingate Residences	June 25, 2025	-The temperatures of multiple tcs foods and ready to eat tcs foods were above 45f inside the walk-in fridge and in a unit along cook line in main kitchen. Both units were not working well and were holding at unsafe temperatures.	- All food in the smaller unit on the cook line was discarded after lunch service and unit was put out of order. Several ready to eat TCS foods were discarded in walkin fridge including turkey, cole slaw, chicken salad, cottage cheese, sour cream, mashed potatoes, sliced roast beef, salad greens, etc. Service tech diagnosed the fridge as being low on freon and was able to add more. Health agent recommended to staff to take temperatures of actual food as the broken thermometer in the unit was indicating that the fridge was holding at safe temperatures when it was not.

Town House of Pizza	June 25, 2025	- Sanitizer concentrations in the 3-bay sink and in the wiping cloth buckets that were in use were too weak.	-Solutions were remade and health agent recommended establishment to rinse cloths with clean water prior to placing into buckets.
Zdorovie ADH (adult day care center)	June 25, 2025	- Food handlers were observed not washing their hands properly with proper scrubbing for a minimum of 10 seconds. - Health agent observed food handler touch trash can lid with gloved hand then change gloves later on but did not wash their hands before donning new gloves.	-Health agent required food handlers to rewash their hands so that they were washed with a rubbing step for at least 10 seconds. -Health agent had staff wash their hands and recommend PIC retrain staff on how and when to wash their hands.
Hearth Pizzeria	June 26, 2025	- Bottle of dishwashing liquid was observed on top of pot.	-dishwashing liquid was moved so that it was placed with other chemicals when they are not in use.
Starbucks	June 26, 2025	- Sanitizer in wiping cloth buckets to clean milk wands were too weak.	-Food handlers never set alarm to change out buckets and buckets were changed out before they were reused.
Treat Cupcake Bar	June 26, 2025	- Sanitizer in wiping cloth buckets were over 400ppm. -Mechanical dishwasher was not hitting minimum temperature to sanitize food contact surfaces.	-Sanitizer was remixed and instructions to make sanitizer will be made and posted. -Dishwasher took over 6 runs to barely hit minimum temperatures. Staff must run it until it hits minimum temperature before it is used to sanitize food contact surfaces. Business owner will look into how to add a booster to the dishwasher.
Sweet Basil	June 28, 2025	- Stock was improperly cooling in large buckets and was at 122f. - Bolognese sauce on service line was held passed its expiration date.	-Stock was allowed to be reheated and Bolognese sauce was discarded.

Bakers Best Catering	June 28, 2025	- Inside of the slicing machine was soiled.	-Health agent asked PIC to have slicer cleaned and cleaned and sanitized at a high frequency.
Subway	June 30, 2025	- Sanitizer bay in 3-bay sink that was in use had no sanitizer present in it.	-Sanitizer was empty and owner replaced container to sanitizer and replenished sanitizer in the 3-bay. They were informed that this needs to be checked daily prior to use.

Category	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	FY'25	FY'24	FY'23	FY'22	FY'21	FY '20	FY' 19	FY' 18
Biotech registrations/Plan rev./Insp.	0	0	0	0	0	0	0	0	0	2	2	0	4	15	3	3	0	1	1	1
Body Art Permits	0	0	0	0	0	0	1	0	0	0	0	0	1	-	-	-	-	-	-	-
Bodywork Estab. Insp.	0	0	0	0	0	6	0	0	0	0	1	0	7	8	5	5	6	7	14	11
Bodywork Estab. Permits	0	0	0	0	0	5	0	1	0	0	1	0	7	5	6	5	13	9	9	6
Bodywork Pract. Permits	0	0	0	0	0	7	0	0	0	0	1	0	8	10	5	8	12	23	21	22
Demo reviews	6	4	6	7	3	8	5	7	5	3	3	10	67	96	53	89	76	73	104	105
Domestic Animal permits	0	0	0	0	0	0	0	0	0	0	4	9	13	17	17	15	29	1	21	19
Domestic Animal Inspections	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	10	8	3	22	3
Dumpster Permits	-	-	-	-	-	-	-	0	14	23	41	6	84	-	-	-	-	-	-	-
Food Service Routine insp.	17	22	17	10	26	26	20	14	19	17	27	25	240	224	214	194	134	149	200	225
Food Service Pre-oper. Insp.	0	2	5	0	1	2	3	2	0	1	4	0	20	23	22	22	16	48	12	32
Retail Food Routine insp. Or 6 month check in	0	2	0	0	0	1	0	1	0	0	0	0	4	4	13	11	12	33	46	60
Residential Kitchen Routine insp.	1	2	0	3	1	2	1	0	0	0	2	1	13	5	8	5	5	3	6	8
Mobile Routine insp.	0	0	0	0	0	0	1	0	0	0	2	1	4	5	10	10	10	4	17	13
Food Service Re-insp.	17	19	19	7	2	9	22	11	7	7	13	2	135	114	37	27	7	21	28	53
Food Establishment Annual/Seasonal Permits	0	1	1	0	44	71	5	1	1	0	0	0	124	128	130	138	134	155	140	171
Frozen Dessert Permits	-	-	-	-	-	-	-	0	4	0	0	0	4	-	-	-	-	-	-	-
Temp. food permits	2	4	6	2	5	1	4	1	2	5	11	2	45	51	33	37	9	67	134	163
Temp. food inspections	7	2	0	1	1	0	0	0	2	0	3	0	16	24	16	9	3	10	37	29
Farmers Market permits	1	1	1	0	0	0	0	0	0	1	3	6	13	15	11	16	15	14	14	14
Farmers Market insp.	10	0	3	0	0	0	0	0	0	0	0	13	26	65	73	149	124	158	229	127
Food Complaints	3	3	1	0	1	3	3	1	3	4	0	3	25	25	11	13	7	49	18	20
Follow-up food complaints	3	2	1	0	1	3	1	0	3	3	0	1	18	18	12	15	8	48	21	21
Food Service Plan Reviews	1	1	2	0	1	1	4	0	0	0	0	1	11	21	75	13	12	14	20	42
Food Service Admin. Hearings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	0	0
Funeral Home Director	-	-	-	-	-	-	-	0	0	2	0	0	2	-	-	-	-	-	-	-
Grease/ Septage Hauler Permits	0	0	0	3	9	16	0	0	0	0	0	0	28	25	29	22	13	20	21	24

Category	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	FY'25	FY'24	FY'23	FY'22	FY'21	FY '20	FY' 19	FY' 18
Housing (Chap II Housing)																				
Annual routine inspection	0	0	0	0	7	0	0	0	0	0	1	0	8	13	9	10	7	7	0	14
Housing Follow-up insp.	0	1	1	2	1	2	3	5	3	7	1	0	26	26	13	3	2	0	0	5
Housing New Complaint	2	2	2	0	0	2	2	2	2	4	2	2	22	38	26	41	40	41	22	22
Housing Follow-ups	5	3	5	3	2	4	4	3	3	2	9	3	46	81	69	65	63	56	28	24
Hotel Annual inspection	0	0	0	0	2	1	0	0	0	0	0	0	3	3	3	3	3	3	3	3
Hotel Follow-ups	0	0	0	0	0	1	0	0	0	0	0	0	1	2	2	0	1	15	0	0
Nuisance Complaints	5	3	4	8	2	2	4	2	1	2	4	0	37	53	36	35	45	34	55	42
Nuisance Follow-ups	7	4	9	11	8	2	3	4	2	2	5	3	60	89	58	41	60	55	69	42
Pool inspections	1	6	0	1	5	1	0	0	1	0	7	0	22	30	14	15	15	13	20	12
Pool Follow up inspections	0	4	0	0	1	5	0	0	0	0	1	0	11	6	5	4	5	3	12	7
Pool permits	0	0	0	0	0	6	0	0	1	0	7	0	14	14	14	15	17	11	19	12
Pool plan reviews	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	3	44
Pool variances	0	0	0	0	0	5	0	0	1	0	1	0	7	5	7	6	5	6	5	7
Septic Abandonment	0	0	0	0	0	0	0	0	0	0	1	0	1	4	4	9	17	21	9	5
Addition to a home on a septic plan rev/approval	0	0	0	0	1	0	0	0	3	0	0	0	4	1	2	15	5	5	2	2
Septic Install. Insp.	0	4	0	3	0	6	2	1	0	0	3	1	20	26	22	19	11	13	21	28
Septic COC for Component	0	0	0	0	0	2	2	0	0	0	0	0	4	1	2	3	2	5	3	1
Septic COC for complete septic system	0	0	1	1	0	0	1	0	0	0	0	0	3	6	3	4	1	3	4	3
Septic Info. requests	3	4	3	6	5	7	3	5	3	2	4	3	48	60	62	64	86	61	62	51
Septic Soil/Perc Test.	1	1	0	0	0	0	0	0	0	1	0	0	3	6	6	5	8	1	1	2
Septic Const. permits	0	0	1	0	0	3	0	0	0	0	2	0	6	4	5	6	6	6	6	5
Septic Installer permits	1	0	1	0	0	6	0	0	0	1	0	1	10	7	16	11	8	6	8	9
Septic Installer Tests	1	0	0	0	0	0	0	0	0	1	0	1	3	5	9	4	3	2	5	3
Septic Deed Restrict.	0	0	0	1	1	0	0	0	0	0	0	0	2	3	0	0	4	1	1	3
Septic Plan reviews	0	0	0	1	2	0	1	0	1	0	0	0	5	13	29	21	14	8	9	23
Septic Trench permits	1	1	0	0	0	3	1	1	0	0	3	1	11	9	11	12	-	-	-	-
Disposal of Sharps permits	0	0	0	1	0	8	0	1	0	0	0	0	10	10	10	7	8	7	7	9
Disposal of Sharps Inspections	0	0	0	1	1	4	0	0	0	2	2	0	10	8	12	8	8	7	7	7
Rat Nuisance Complaints	1	2	3	10	1	1	0	1	0	0	1	9	29	20	5	6	2	2	1	-
RMD	0	0	0	0	0	0	0	0	0	0	0	1	1	3	2	-	-	-	-	-
Planning Board Subdivision Sp Permit Plan reviews/Insp. of lots	0	2	2	0	6	3	1	0	0	0	1	5	20	10	19	21	20	4	1	1
Subdivision Bond Releases	0	0	0	0	5	0	0	0	0	0	0	0	5	2	1	0	1	0	1	0

Category	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	FY'25	FY'24	FY'23	FY'22	FY'21	FY '20	FY' 19	FY' 18
Special Permit/Zoning	2	1	1	3	4	2	2	0	2	1	1	4	23	16	19	21	18	17	34	15
Tobacco permits	0	0	0	0	1	5	0	0	0	0	0	0	6	6	7	6	7	10	10	11
Tobacco Routine insp	0	0	0	0	3	3	0	0	0	0	6	0	12	12	7	12	7	8	14	18
Tobacco Follow-up insp.	0	0	0	0	0	6	0	0	3	0	0	3	12	3	0	0	1	8	3	3
Tobacco Compliance checks	6	0	0	0	6	0	0	0	0	6	0	0	18	12	6	6	6	30	30	41
Tobacco complaints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	2	3	4
Tobacco Compl. follow-ups	1	0	2	0	0	0	0	0	0	0	0	0	3	0	6	0	0	1	3	4
Trash Hauler permits	0	0	0	0	0	0	0	4	10	7	1	0	22	16	20	23	16	15	17	14
Medical Waste Hauler permits	0	0	0	2	2	3	0	2	0	0	0	0	9	6	6	2	2	2	2	1
Well - Plan Reviews, Permission to drill letters, Insp.	0	1	0	0	0	2	0	0	3	1	1	1	9	11	14	10	11	2	6	2
Well Permits	0	0	0	0	0	0	0	0	2	0	1	0	3	0	1	4	1	1	1	0
Monthly Totals	105	104	97	87	161	256	99	70	101	107	183	118	1488	1540	1357	1355	1195	1405	1642	1668



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Unit: Accreditation

Date: June 2025

Staff: Lynn Schoeff and Alison Bodenheimer

Activities and Accomplishments

Activity	Notes
Responding to PHAB feedback	- Reviewed PHAB feedback regarding 26 documents that have to be modified and resubmitted. - Assignments to appropriate staff member - Finalized documents submitted by July 24 deadline
Performance Management	- Ongoing progress tracking in the performance management dashboard in collaboration with staff - Now that resubmissions to PHAB have been completed, we are turning our attention to FY26 planning
Policies	<u>Finalized</u> Infectious Disease Surveillance (Nursing) Request & Provide Mutual Aid (Emergency Preparedness) Nuisance Complaint Investigation (Environmental Health) Reportable Diseases (Nursing) Duty to Warn (HHS) Food Permits (EH) Waste Hauler Permits (EH) Mobile Food Vendors (EH) Housing – Occupant Complaints (EH) Nuisance Complaints (EH) Food Samples Offered to the Public (EH) Biosafety Regulation (EH) Body Work Permits (EH) Body Art Permits (EH) Infectious Disease Surveillance (Nursing) MRC Management and Deployment (Emergency Preparedness) <u>In Process</u> Medical Marijuana Treatment Center Permits (EH) Temporary Food Permit (EH)



Unit: Traveling Meals Program

Date: June 2025

Staff: Rebecca Hall

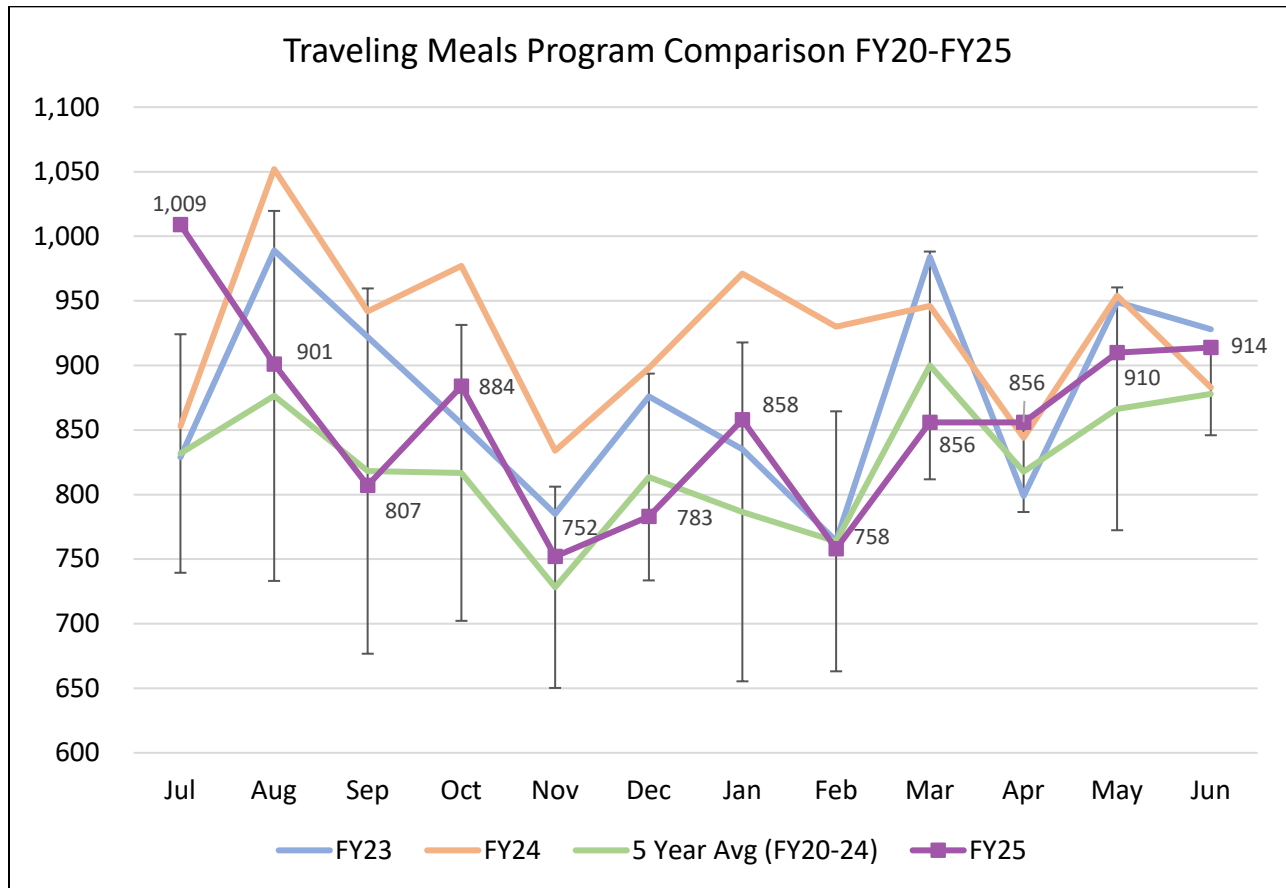
Activities and Accomplishments

Activity	Notes
<i>Volunteers and Seasonal Drivers delivered meals to homebound Needham residents in need of food.</i>	<i>Meal delivery 6/1-6/15 by 29 Volunteer Drivers and Community Partners</i> <i>Meal delivery from 6/16 onward by 3 Seasonal Drivers and 2 Substitute Drivers</i>
<i>914 Meals delivered in June 2025</i> <i>50 Clients at end of June:</i> <i>41 Springwell Consumers</i> <i>9 Private Pay Consumers</i> <i>1 New Client (Private)</i> <i>3 Cancelled Program (1 Springwell, 2 Private)</i>	<i>No 911 calls initiated</i>

Other Public Health Division activities this month:

www.needhamma.gov/health

Summary overview for the month: **Graph of Meal Deliveries for the month June 2025**





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Unit: Substance Use Prevention MassCALL3 grant: Dedham, Needham, Walpole, Westwood

Date: June 2025

Staff members: Carol Read, M.Ed., CAGS, CPS & Lydia Cunningham, MPH, CHES®, CPS

Activity	Notes
New England School of Addiction & Prevention Studies Summer School- 6/2-6/4	-Prevention-focused multi-day conference. Sessions included: Cannabis: New Conversations for Changing Times- Responding to a Changing Landscape with Prevention Strategies; DIY Data Visualization & Using Storytelling Techniques to Create Highly Engaging and Impactful Presentations; Connecting People, Nurturing Wellbeing & "Nothing About Us Without Us."
Cheryl Sbarra, Esq., Executive Director and Senior Staff Attorney, MA. Assn. of Health Boards & Lisa Stevens-Goodnight, Esq., Tobacco Control Director, MA. Municipal Assn. -6/4	-Overview of processes/best practices for evaluating flavored tobacco products. -Nicotine pouch flavor testing updates: products being continuously tested, SOP in progress for determining flavor. -Review of Needham BOH Article 1 and potential revisions to section G (nicotine pouches).
Michelle Vaillancourt, Town Accountant & Lisa McDonough, Administrative Analyst, Town of Needham - 6/5, 6/27	-MassCALL3 grant April & May expense reimbursement submission. -MassCALL3 line-item amendment to cover higher than anticipated fringe benefits cost.
Jessica Goldberg, MPH, MSW, Education Development Center- 6/5, 6/9, 6/30	-Preparation for MassCALL3 Annual Meeting: review of local youth survey data, meeting material preparation. -FY26 EDC contract preparation. -Planning for MassCALL3 adult social marketing campaign: number of focus groups, questions to be asked. -FY26 data collection: youth focus groups, parent surveys- keep in mind SPF/PFS grant application during data collection process.
MassCALL3 Annual Meeting- 6/10 Jessica Goldberg, MPH, MSW, Education Development Center	-Presentation to MassCALL3 Prevention Partners cluster town sector representatives on local data (youth survey, police, EMS), strategic planning progress, and next steps.
Needham Public Health Division Staff Meeting- 6/10	-Review and discussion: Select Board goals. Prioritization of transportation and community nutrition, specifically senior nutrition aligned with Traveling Meals program. -Office updates: front desk coverage additional workstations to come in next few months.



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	-Health & Racial Equity Assessment drafts will be ready to review at end of week. -Review of training interests and needs; upcoming trainings available.
No Them, Just Us: Lessons Learned Using Partnership to Implement Campus Harm Reduction & Recovery Programs- 6/10 Dylan Dunn, Senior Director, SAFE Campuses	-Resource sharing: overdose prevention, recovery allyship, and student recovery program development. -Strategies for addressing stigma associated with substance use and creating partnerships inclusive and supportive of recovery.
The Montana Institute: Session 7: Evaluation, Next Steps, and Beyond- 6/11 Ben Tanzer & Rebecca Franks, the Montana Institute	-Strategies for evaluating positive community norms (PCN) messaging qualitatively and quantitatively. Examples of questions to ask in evaluation process. -Determining if program staff are busy or effective in delivering PCN messaging. -Including celebration into evaluation: considering successes., relationships, lessons learned.
Act for Public Health 2025 Briefings: Navigating the Impact of Federal Actions on Public Health Practice- 6/11 Wesley Hartman & Christy Mallory	Review of executive orders: -EO #14184: redefines the term sex as designated at conception, instructs federal agencies to interpret non-discrimination policies to exclude transgender and non-binary identities. -EO #14187: restricts gender affirming care procedures through age 18. -EO #14183: restricts transgender individuals from participating in the military. -Review of court cases and groups challenging these executive orders -Broader context of impact to LGBTQ+ individuals: states will be able to maintain and enforce bans limiting access to gender affirming care -What we can do: collect data, share information with others, advocate.
MA Transgender Political Coalition (MTPC) and MA DPH: Supporting Transgender & Nonbinary Youth- 6/16	-Review of "Supporting Transgender & Nonbinary Youth Toolkit": talking points to address questions, misinformation, and disinformation; policy and procedure recommendations; gender exploration at different stages of development; navigating family dynamics; rights & legal protections. -Toolkit is intended for use by youth programming staff, community center and support service staff, educators,



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	therapists/counselors, clinicians, faith leaders, and parents/caregivers.
The President's Fiscal Year 2026 Budget Request Explained: Implications for the Substance Use Prevention Field- 6/17 Sue Thau, Public Policy Consultant, CADCA	-Request proposes creation of a new agency in HHS, called the Administration for a Health America (AHA). AHA would include primary care, environmental health, maternal child health, mental and behavioral health, health workforce, and policy/research/oversight. It would merge numerous existing organizations, including SAMHSA and many centers and programs from the CDC, including DFC and MassCALL3 funding sources. -Review of cuts proposed for Drug-Free Communities grant funding, SAMHSA funding, and Substance Use Prevention Treatment and Recovery Services Block grant, along with numerous additional sources. -What can we do? Reach out to congress as constituents, call and write to legislators, leave messages with staff, write op-ed or letters to editor in media, engage with media in other ways, ask questions about prevention at candidate events and town halls, share outcomes and achievements of grant funding.
Middlesex County District Attorney Marian Ryan: Roundtable Discussion on Fentanyl- 6/17	-Presentations by: Congressman Jake Auchincloss; Dr. Antje Barreveld, Education and Outreach for Substance Use Services, Newton-Wellesley Hospital; Dr. Catharina Armstrong, Associate Director of Substance Use Services at Newton-Wellesley Hospital; Sergeant Emily Todisco, MA State Police; Richard Evans, Malden Recovery Court -Discussion of efforts to prevent and reduce distribution and consumption of fentanyl across MA at state and local level.
Samantha Menard, Director of Public Health, Town of Dedham- 6/18	-Discussion: overview and history of MassCALL3 grant, collaboration between MassCALL3 grant and Dedham. -Organization for Substance Awareness (DOSA). Review of MassCALL3 grant goals and strategic plan.
Norfolk County Sheriff's Office Youth Substance Use and Mental Health Taskforce- 6/23	-Walk-through of Hope Center in Braintree, MA: program overview, resource sharing. -Demonstration of youth programming offered through NCSO: Ropes course, summer programs, team-building activities
MetroWest Substance Awareness and Prevention Alliance- 6/24 Amy Turncliff, PhD, Rockfern Scientific, Chair	-Cannabis policy updates: public health-related cannabis bills filed Jan. 2025 were discussed at May and June Joint Committee on Cannabis Policy (JCCP) hearings.



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	-JCCP passed new cannabis legislation that has since been passed by MA House of Representatives. -Cannabis Control Commission aiming to vote on social consumption regulations in July 2025 and release regulations in October 2025.
Healthy Outcomes from Positive Experiences (HOPE) Framework Training- 6/25 Amanda Winn & Carolina Jimenez, HOPE Center	-Overview of HOPE framework: positive childhood experiences (PCEs) data informed creation of framework with four building blocks- relationships, environment, engagement, and emotional growth that support health and wellbeing throughout lifespan. -Examples of HOPE framework implementation across the state by panel of prevention specialists from East Boston, Worcester, and Somerville.
Bright Solutions Peer Mentoring Call- 6/26 Amanda Decker, Bright Solutions LLC	-Discussion of sustainability plans for grantees: fundraising, use of opioid funds, partnership with organizations. -Potential funding reductions and advocacy for funds: inviting political leaders to coalition meetings, sharing successes/impact, visiting MA state house. -Discussion of local alcohol and cannabis policy activities and successes. -Coalition guidance document: opioid settlement funds, trainings, sustainability.
Kelsey Ober, Drug Free Communities Program Director, Town of Walpole- 6/26	-Discussion: advocacy activities for substance use prevention funding retention. -Capacity building and data collection planning for Walpole Prevention Coalition and MassCALL3. -Preparation/planning: adult social marketing campaign, positive community norms campaign.

*Preparation of Memorandum: Flavored Tobacco Product Testing for June Board of Health meeting.

*NPHD May report.

*Time dedicated to in-person collaboration and capacity building in cluster communities.

This report is part of a larger quarterly report to BSAS and is not considered finalized for purposes of the BSAS report. A later version will be available.

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END



Unit: Substance Use Prevention

Date: June 2025

Staff: Karen Shannon, Karen Mullen, Monica De Winter, Angi MacDonnell, Vanessa Wronski

Activities and Accomplishments

Activity	Notes
SPAN Projects & Events	SPAN in the community: SPAN Spring Coalition Meeting, held June 10, 15 attended, including 3 new parents. The meeting agenda included a review of coalition accomplishments and a spotlight on volunteer contributions. Celebrated at the meeting were Sara Shine, Sandra Rizkallah, Linda Rosenberg and Liana Osgood, SALSA leader and NHS Class of 2025. Needham Overdose Awareness Day Vigil: The planning committee met on June 25 to discuss the vigil itinerary, speakers, and community outreach for participation at the vigil resource tables. See event flyer below. SPAN Education Action Team met on June 26 to continue prevention programming planning for the upcoming Coalition year. SPAN social media: https://www.facebook.com/SPANNeedham/ Nicotine Pouches: Prevention Team staff worked with Needham Public Health colleagues Tara Gurge, Sai Palaini and Lydia Cunningham to research and prepare information about nicotine pouches as requested by the Board of Health during their May meeting.
Needham Public Health Peer Recovery Coach	During June, Angi MacDonnell, Peer Recovery Coach engaged in the following: Worked with 8 people (phone, in person, and text contacts) Average Age of those receiving services: 53 years. Angi and Karen S. conducted Narcan training for 13 Generic Ministry volunteers. This was the second group of volunteers from this organization to attend Narcan training. GM volunteers travel to Boston to deliver food and clothing to people experiencing homelessness.

STOP Act grant	SAMHSA grant: STOPing Underage Access and Use of Alcohol: Codifying Youth, Parent and Retailer Education and Compliance in Needham, MA: Alcohol compliance – On June 2, STOP Act grant staff hosted responsible beverage service in-person training. Seven employees from Needham establishments attended the training which was facilitated by Kerry Dunnell of the Public Health Division and Kristina Kozak of Needham Youth & Family Services. The required closeout reports required by SAMHSA for the STOP Act grant are nearing completion. Karen S. met with the Town Accountant to prepare and submit the final financial report to SAMHSA.
SALSA	During the month of June, 11 SALSA members contributed 37 hours of service in Needham. June highlights include: - SALSA leaders Kate Black, Isabel Tashie, Luca Pannozzo, Hayden Krug and Jackie Lancaster were invited to the MA State House to speak with Becca Rausch about issues important to Needham youth. The SALSA youth prevention advocates discussed alcohol policy, nicotine pouches, vaping, and opioid awareness. Karen Shannon and Karen Mullen accompanied the students. - SALSA leaders Isabel Tashie and Kalina Mihova testified at the June Board of Health meeting on Nicotine pouches. - SALSA members Jolie Musmon, Lillian Soulia, Jackie Lancaster and Mira Berk attended the NHS Athletics and Activities night for rising 9th graders on 6/3/25 and recruited over 80 new members to join SALSA.
Youth Mental Health First Aid	On June 11, Karen S. and Sara Shine facilitated Youth Mental Health First Aid. Eight people attended the virtual facilitation.

Summary for June 2025: Focus this month included research on nicotine pouch regulation for the Needham Board of Health, hosting the SPAN Spring Coalition Meeting on June 10 and responsible beverage service training on June 2, and STOP Act grant closeout reporting.

Needham's 4th Annual OVERDOSE AWARENESS VIGIL

Thursday, August 28 at 6:30 p.m.
Memorial Park Gazebo
92 Rosemary Street, Needham

ONE BIG FAMILY
DRIVEN BY HOPE



Hosted by:



Needham Public
Health Division
Prevent. Promote. Protect.



Beth Israel Lahey Health
Beth Israel Deaconess Needham



This International Overdose Awareness Day we come together as one big family to take action on overdose.
www.overdoseday.com

For vigil questions or transportation needs, please contact
Angi MacDonnell at the Needham Public Health Division, amacdonnell@needhamma.gov



Unit: Emergency Preparedness

Date: June 2025

Staff: Taleb Abdelrahim

Activities and Accomplishments

Activity	Notes
Medical Reserve Corps (MRC)	Coordinated to purchases and deliver supplies for NC-8 MRC use.
Emergency Preparedness	- Participated in the Region 4AB Weathering the Storm: Hurricane Readiness Training Day. It was hands-on training event designed to strengthen skills in preparing for and responding to hurricanes and their health impacts. - Participated in the Region 4AB HMCC Stakeholder Meeting and 2025 Hazard Vulnerability Analysis (HVA) Scoring Review.
Accreditation	Completed and submitted the remaining documents that should be revised and resubmitted to meet the PHAP requirement and deadline.
Professional Development	Completed Continuity of Operations Planning Essentials course (COOP) by MEMA.



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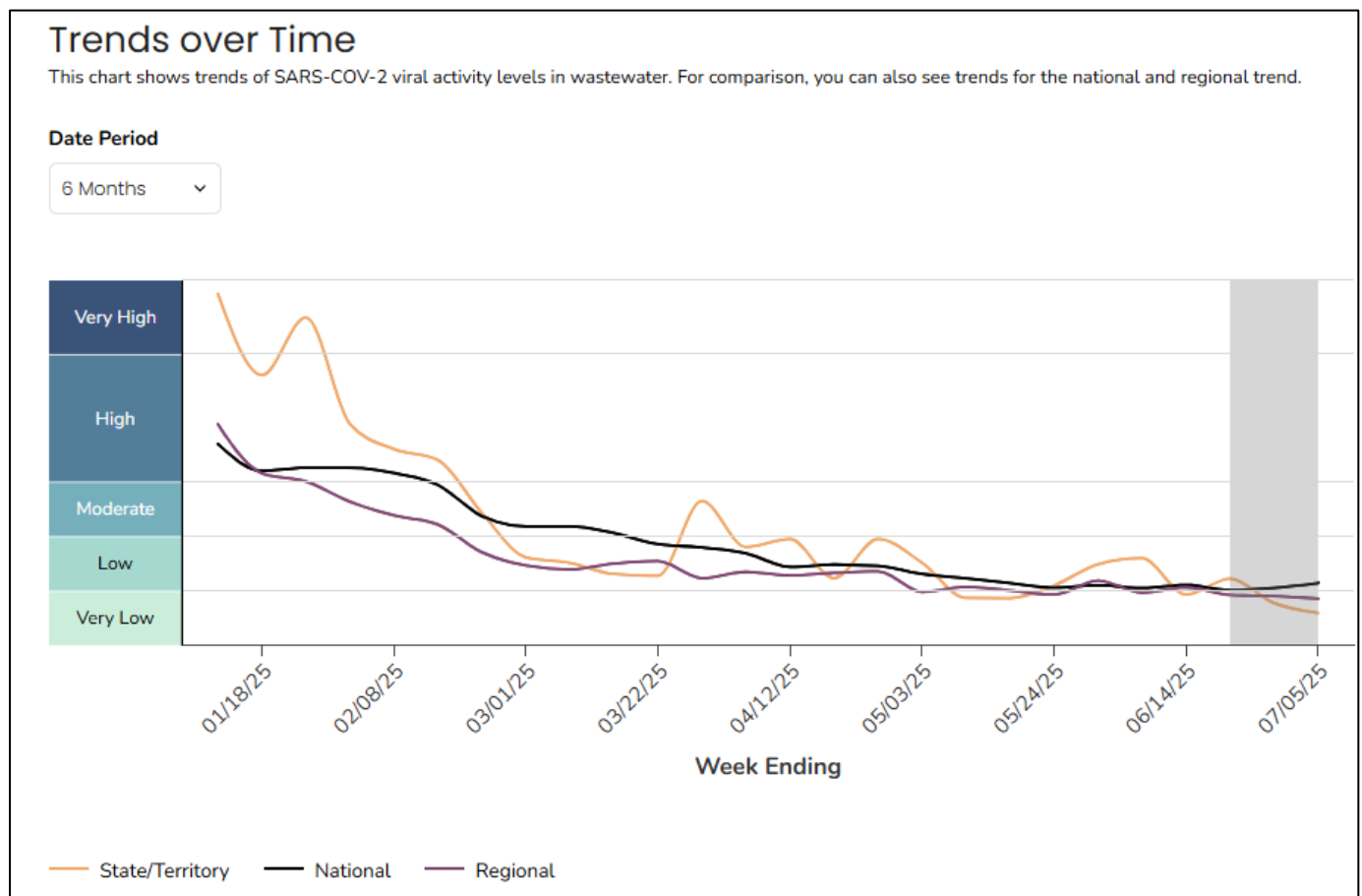
Unit: Epidemiology

Date: June 2025

Staff: Julie McCarthy

Upcoming respiratory virus season updates:

- MDPH has begun data collection for the 2025-2026 respiratory virus season, and routine updates will be made to their dashboards later this summer. Covid-19 in wastewater remains low; the variant NB.1.8.1 is rising and makes up 44% of tests ([CDC Covid-19 Variants in Wastewater](#)). Rising variant + extreme heat this summer could mean summer “wave” but TBD.



Activities and Accomplishments

Activity	Notes
Sunscreen	Dispensers installed at Rosemary Pool, DeFazio Park, and the Town Common (new). Advertised for dispensers on social media, in News You Need(ham), and did an interview with Needham Local. Improvements this year include foot pedal dispensers which are easier to place, move, and maintain- and sunscreen that is applied easier and goes on clear. Have already received positive feedback from residents about improvements and new location.
Rats!	Map of rat sightings is available HERE and is also embedded into rat education website . Coordinating with Tara and Sai to capture reports from survey and reports from calls/emails to Environmental Health.
WNV/EEE	Mass Department of Public Health Arbovirus updates began in June. No mosquitoes have tested positive for WNV or EEE in Needham; 2 mosquitoes tested positive for WNV in Boston; Needham's risk level remains low.
Tick-borne diseases	Data from emergency departments across Massachusetts shows that visits involving patients reporting exposure to ticks is higher than it has been at any point in the last 3 years. Diagnosis of a tick-borne disease associated with these visits are also higher than at the same time during the last 3 years. MDPH sent a clinical advisory on tick bite prophylaxis reminding providers who encounter patients with a bite by an <i>Ixodes</i> tick in MA AND attached for >36 hours to consider doxycycline 200mg single dose and counseling on tick-borne diseases and tick exposure prevention.



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Unit: Public Health Nursing

Date: June 2025

Staff: Hanna Burnett and Ginnie Chacon-Lopez

Activities and Accomplishments

Activity	Notes
Community Outreach	- Hannah: CPR / Stop the bleed classes held for DPW. Over 40 people trained in both. 2 CPR / Stop the Bleed Instructors hired, will start offering classes in July, based on need. - Ginnie: Taught infant choking and CPR to expecting parents and their relatives with positive feedback. - BP clinics continue with good attendance at CATH and NHA locations.
Education	Ginnie: various webinars and watched ACIP June meeting.
DVAC	- Supporting survivors as needs arise - Planning for cable series launch event - Transitioning for new co-chair
HEARTSafe	Working on getting criteria 9 (AED integration) accomplished.
Additional Notes	- Camps Licensed: - St. Joe's Summer Fun - St. Sebastian's Athletic Clinics - Charles River YMCA Day Camp - iD Tech Camp @ Olin College - Needham Park and Recreation Summer Camps Pollard and Eliot - New foot pedal Impact Melanoma sunscreen dispensers were installed in July: 

Potential Foodborne Illnesses	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2025	2024	2023
Calicivirus/Norovirus						<5	6	<5	<5				9	5	5
Campylobacteriosis Confirmed/Probable	<5	<5	<5				<5			<5		<5	7	10	9
Cryptosporidiosis													0	<5	0
Cyclosporiasis													0	<5	<5
Enterovirus	<5				<5								<5	0	0
Giardiasis												<5	<5	0	<5
Salmonellosis		<5						<5					<5	<5	5
Shiga Toxin Producing Organism	<5							<5					<5	<5	<5
Shigellosis		<5											<5	0	0
Vibrio spp													0	<5	<5
Arbovirus	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2025	2024	2023
Babesiosis								<5				<5	<5	<5	<5
HGA/Anaplasmosis			<5	<5									<5	<5	<5
Lyme Disease Suspect	6			<5	<5								9	45	58
Lyme Disease Probable		<5	<5	<5		<5	<5					<5	9	35	19
Other Communicable Illnesses	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2025	2024	2023
Group A streptococcus						<5				<5			<5	0	0
Group B streptococcus													0	<5	<5
Haemophilus influenzae		<5											<5	<5	0
Hepatitis B Confirmed/Probable				<5		<5	<5				<5		5	5	<5
Hepatitis C Confirmed/Probable	<5	<5							<5		<5		5	<5	0
Influenza Confirmed			<5	<5	7	25	106	126	53	19	8	<5	347	155	193
Malaria													0	<5	-
Legionellosis													0	<5	<5
Novel Coronavirus Confirmed	24	34	27	13	<5	14	32	13	16	9	<5	13	200	308	980
Novel Coronavirus Probable	14	7	8	7	<5	8	10	<5	<5	<5	<5		65	54	188
Pertussis (Bordetella spp.)		<5	<5										<5	0	<5
Streptococcus pneumoniae							<5					<5	<5	0	<5
TB Infection Confirmed	<5	5	<5		<5								12	45	44
TB Infection Contact	<5												<5	<5	-
Varicella					<5								<5	6	<5
Totals	55	55	45	26	19	53	158	146	73	31	14	22	697	690	1520

Immunizations/Injections	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2025	2024	2023
B12	2	1	1	1	2	2	1	1	2	1	2	2	18	8	3
Influenza			332	115	76	8	2						533	771	719
Tdap						1			1				2	0	1
Covid-19				30	31	15							76	208	461
VFC						3			3	4		1	11	0	0
Other						5			4	4			13	3	0
Total	2	1	333	146	109	34	3	1	10	9	2	3	2	990	1184

Animal-to-Human Bites	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2025	2024	2023
Dog													0	3	3
Cat													0	1	0
Bat					1			3					4	0	0
Total Bites	0	0	0	0	1	0	0	3	0	0	0	0	4	4	3

www.needhamma.gov/health

Assistance Programs	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2025	2024	2023
Food Pantry													0	0	4
Friends	1												1	0	0
Gift of Warmth	0	2	1	5	4	0	2	2	0	0	0	1	17	29	51
GoW Amount	0	1400	300	2394	1877	0	1404	500	0	0	0	800	8675	16843	25921
Parks & Rec													0	0	0
Self Help													0	2	6

Education	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2025	2024	2023
CPR Education			88	17	11	14	22	0	44	39	200	44	479	243	197
Matter of Balance Graduates					5				11				16	15	34
Narcan	3	69	13	8	9	0	5	8	20	13	12	41	201	174	25

Donations:	\$0
Gift Cards Distributed:	0