

From: [Gilbride, Cara](#)
To: [Rosenson, Valerie](#)
Subject: Fwd: Resources for artificial turf discussion
Date: Thursday, April 20, 2023 3:45:31 PM
Attachments: [Mount Sinai Letter to Stamford CT April 2023.pdf](#)
[University Hospital Study - Turf v Natural Grass.pdf](#)
[Existing Field Temperatures Upper Synthetic Turf Field at Stamford High School-2.pdf](#)

Begin forwarded message:

From: Fern G [REDACTED]
Subject: Resources for artificial turf discussion
Date: April 20, 2023 at 12:24:16 PM EDT
To: "Gilbride, Cara" <CGilbride@StamfordCT.gov>

Cara —

Here are some resources for you. Also, Dianne Woelke, MSN, Board Member Safe Healthy Playing Fields, Inc. sent a letter to Valerie Rosenson a little while ago requesting it be entered into the record. Please keep an eye out for it, too.

Let me know if you have any questions.

Thanks for your help,
Fern

[REDACTED]

HEAT, SAFETY, ENVIRONMENTAL CONCERNS, SAFE ALTERNATIVES

TURI (Toxic Use Reduction Institute at UMass Lowell)

1) Per- and Poly-fluoroalkyl Substances (PFAS) in Artificial Turf Carpet

<https://www.turi.org/content/download/12963/201149/file/TURI+fact+sheet+-+PFAS+in+artificial+turf.pdf>

2) TURI Artificial Turf Concerns

https://www.turi.org/var/plain_site/storage/original/application/64eb18d6cea7b44882ffaeb71855c79.pdf

3) TURI Natural Grass Athletic Fields: Case Studies

https://www.turi.org/Our_Work/Community/Topic_Areas_and_Past_Grants/Healthy_Schools/Organic_Grass_Care/Case_Studies

4) April 18, 2023 Letter to City of Stamford from Sarah Evans, PhD MPH, Assistant Professor Environmental Medicine and Public Health, Icahn School of Medicine at Mount Sinai, Institute for Exposomic Research [Representing pediatricians, epidemiologists, and laboratory scientists, recipients of numerous grants, including from NIH and host to one of 10 nationally funded Pediatric

Environmental Health Specialty Units] (attachment)

5) Dr. Sarah Evans, Mt. Sinai, presentation to Parks & Recreation Commission City of Stamford, Oct. 6, 2022
<https://www.stamfordct.gov/home/showpublisheddocument/21358/638006462831530000>

6) Dr. Kyla Bennett, Public Employees for Environmental Responsibility, presentation to the Parks & Recreation Commission City of Stamford, Oct. 6, 2022 <https://www.stamfordct.gov/home/showpublisheddocument/21352/638006462803570000>

7) Ian Lacy, Tom Irwin Advisors, Inc., presentation to the Parks & Recreation Commission City of Stamford, Oct. 6, 2022
<https://www.stamfordct.gov/home/showpublisheddocument/21350/638006462797470000>

8) TURI Athletic Playing Fields Choosing Safer Options for Health and the Environment
<https://www.turi.org/content/download/11980/188623/file/TURI+Report+2018-002+June+2019.+Athletic+Playing+Fields.pdf>

9) Town of Amherst Massachusetts Board of Health exercising the Precautionary Principle to not support the installation of artificial turf in Amherst Regional High School's athletic field
<https://www.amherstma.gov/DocumentCenter/View/64739/Artificial-Turf-BoH-Motion-12-8-22>

10) Chart of temperature readings of grass and artificial turf at Stamford High School on April 13 and 14, 2023 showing a 41 degree difference (attachment)

11) *Settlement means U.S. women's national soccer team will no longer have to play matches on artificial turf*: "They were required to play domestic games on fields with artificial turf, which is tougher on a player's body than natural grass, when the U.S. men were not."
<https://www.usatoday.com/story/sports/soccer/2020/12/01/uswnt-turns-focus-back-equal-pay-after-resolving-workplace-claims/3788222001/>

12) Artificial Turf Versus National Grass, Which playing surface is safer for playing high school sports? University Hospitals Sports Medicine Institute, Cleveland (attachment)