Sustainable Playing Fields & Playgrounds

A Scientific Case for Healthy Stamford Recreation

City of Stamford Parks & Recreation Commission Special Meeting: Educational Presentation October 6, 2022

Melanie Hollas, Vice-Chair Jessica Katz, Commissioner

With Research Support by Fern Galperin, Pollinator Pathway Stamford Dir. of Communications

Surface Temperatures: Lione Park Field & Playground, Summer 2022

Artificial Turf (AT)



Poured in Place Rubber (PIP)



Asphalt



Human skin sustains 1st degree burn @ 118 degrees, 2nd degree burn @ 131 degrees

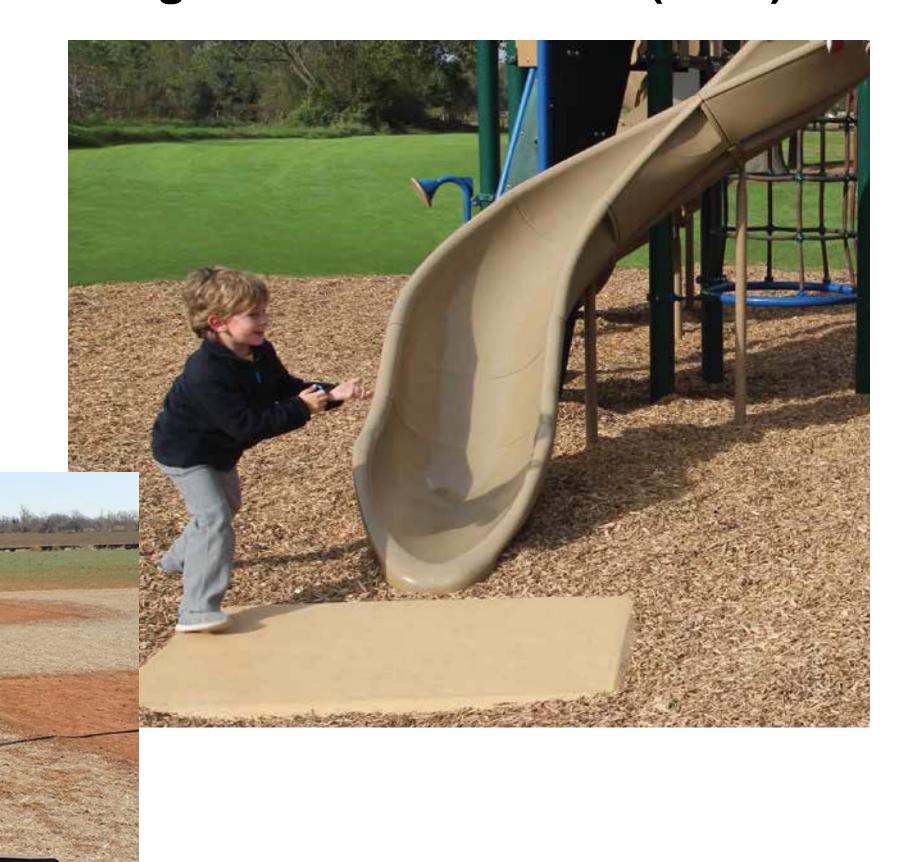
Date, Time, Air Temperature gust 4, 2022 D PM degrees gust 5, 2022 10 PM degrees		AT is deteriorated with crumb rubber highly	Grass Temperature	Asphalt Temperature	Poured in Place Rubber (PIP) Temperature	Wood Chips in Sun Temperature	Wood Chips / Grass in Shade Temperature
D PM degrees gust 5, 2022 10 PM degrees			· Pag	135	OEH!		
10 PM degrees				134 <u>0</u> 135	EH! WILLIAM TO THE PARTY OF THE		
1000 Date \$1000		visible at surface, smells		LIZ75 LIZ75			
gust 6, 2022 51 AM degrees			950 MAX 96			1340 MAX 134	B 7,5 Max 88
gust 3, 2022 5 PM degrees		UPPER FIELD	107.5				
/ 19, 2022 0 PM degrees					ISBS MAX 15B		
gust 3, 2022 6 PM degrees - phone degrees - sign	138 MAX 138	FRONT FIELD					
/ 20, 2022 34 PM degrees	A HOTO	crumb rubber highly		1375 MAX 137			
gust 3, 2022 D PM degrees - phone		crumb rubber highly	980 MAX 98				
deg deg deg deg	et 3, 2022 PM grees - phone grees - sign 0, 2022 PM grees	of 3, 2022 On 2022 PM grees - sign On 2022 PM grees St 3, 2022 PM grees	of t 3, 2022 On 2022 PM Grees - sign On 2022 PM Grees AT is deteriorated with crumb rubber highly visible at surface, smells AT is deteriorated with crumb rubber highly visible at surface, smells	AT is deteriorated with crumb rubber highly visible at surface, smells AT is deteriorated with crumb rubber highly visible at surface, smells	AT is deteriorated with crumb rubber highly visible at surface, smells AT is deteriorated with crumb rubber highly visible at surface, smells	AT is deteriorated with crumb rubber highly visible at surface, smells AT is deteriorated with crumb rubber highly visible at surface, smells	Total State of the company of the co

Playground Surfaces

Poured in Place Rubber (PIP)



Engineered Wood Fiber (EWF)



Both materials are ADA compliant

Playing Fields Surfaces

Natural Grass (a high school in CT)



Playing Fields Surfaces

Artificial Turf (Stamford Parks West Beach & Lione)







Installed 13.5 years ago