

# Keep It Real, Living Fields! for Human, Environmental and Fiscal Health

Increases Property Values  
Durable Ground Cover  
Captures And Suppresses Dust  
Prevents Wind Erosion  
Sequesters Carbon  
Real Grass  
Reduces Allergy Problems  
Promotes Outdoor Activity  
Reduces Heat  
Reduces Storm Water Runoff  
Improves Mood  
Recharges Groundwater  
Retains And Sequesters Carbon  
Reduces Glare  
Natural Fire Barrier  
Boosts Children's Immune And Respiratory Systems  
Filters Out Pollutants  
Reduces Allergies And Asthma  
Absorbs Noise  
Enhances Community  
Boosts Human Productivity  
Supresses Dust  
Reduces Pests  
Produces Oxygen  
Filters Groundwater  
Creates Social Harmony  
Controls Soil Erosion  
Controls Erosion  
Cools The Air  
Increases Property Values  
Dissipates Heat  
Preserves Wildlife Habitat  
Improves Physical And Mental Health  
Cleans The Atmosphere  
Increases Water Percolation  
Creates Comfortable Living Space  
Visually Appealing  
Restores Soil Quality  
Minimizes Air Pollution  
Stores Carbon  
Reduces Home Cooling Costs  
Loved Overwhelmingly  
Cools

## Benefits

**Promotes Safety**– barrier to fire; Soft surface reduces risk of injury

**COOLS the Air**– prevent heat islands

**OXYGENATES the air**

**CLEANS Stormwater**– pollutants filtered & broken down by microorganism in the soil

**Sequesters Carbon**– long-term storage of carbon below ground

**Prevents Erosion & Reduces Runoff**

**INHERENTLY NON-TOXIC**

(+ Organic maintenance keeps it safe and healthy)

“There is simply no safe level of lead exposure for children” U.S. Centers for Disease Control and Prevention



## TOXIC SUBSTANCES in SYNTURF:

- **LEAD** (neurotoxin)
- **PHTHALATES, PFAS, BPA** (hormone & immune disrupting)
- **PAH's** (carcinogenic)
- **and dozens more**

## Grass Fields Are COOL!



# Play It Safe and Healthy!

Natural Surfaces  
for Environmental and Fiscal Health



## Safe Healthy Playing Fields



shpfc.contact@gmail.com  
www.safehealthyplayingfields.org

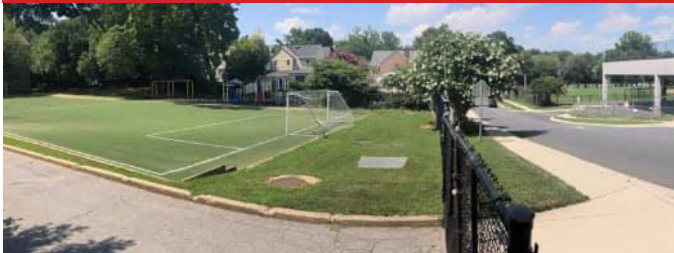


## Synthetic Turf is Dangerous for Human, Environmental and Fiscal Health

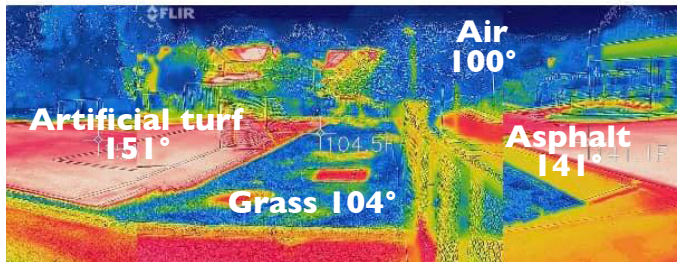


**Plastic Field:** Hot, Toxic, Fragile, Inaccessible, Short-lived (nearby grass fields in the rain are unfenced and in full use). Instead use Program Open Space funds for sustainable, well constructed grass fields!

## Don't let that green color fool you!



Synthetic turf fields become hotter than asphalt than become dangerously hard.



**PLASTIC HEAT!!!!**

## Keep It Real, Living Fields! for Human, Environmental and Fiscal Health

**GRASS FIELDS ARE TOUGH (but GENTLE!)**  
Properly built & maintained = rain-out resistant

**Successful Grass Fields!**  
Drain quickly, Take lots of use with little rest



Chesterfield, MO 25 real grass fields, soccer, lacrosse, football, frisbee, 1 million visitors per year, **over 1000 hours of play per field per year**

Baltimore, MD. NFL Baltimore Ravens **NEW 2016 real grass field** (formerly synthetic turf)



## Safe And Healthy For Everyone

Grass & Soil exposure boosts children's immune and respiratory systems, reduces allergies and asthma, and improves mood.



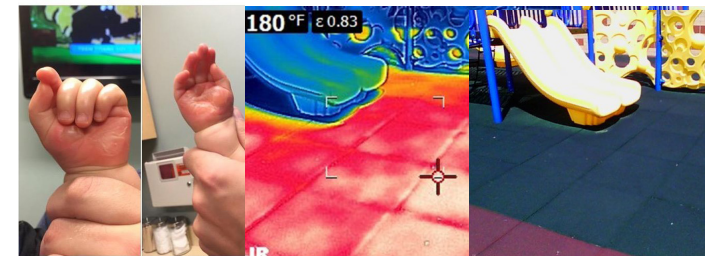
## Play it safe and healthy! for Human, Environmental and Fiscal Health



**Engineered Wood Fiber (EWF): 100% virgin wood fiber,** (not wood chips) EWF fibers knit together to provide a surface springy enough to cushion falls and firm enough for wheelchairs. AND Rain water passes through, so no wait to play right after it rains.



- ADA compliant • Easy maintenance
- Cheapest & safest • Lead/other toxin-free • Not chemically treated
- 15-25 year life (all weather)



**RUBBER SURFACED PLAYGROUNDS- burn and poison children**