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Subject: Public comment: Please advise CC "no more plastic *forever chemical* turf"
Date: Tuesday, March 28, 2023 1:37:18 PM

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Dear Climate Action Commission and Parks Commission,

Please asap draft a letter to City Council recommending no more installations or replacements of plastic "forever chemical" turf sports fields due to very high Climate impacts. City is wanting to do 4 more plastic sports fields.

1. carbon footprint (they are non-recyclable)
2. heat island effect (plastic reaches 140 degrees on a 90-degree day)
3. robust lawsuit risk due to soil and water contamination

FYI -- the dollar-cost savings of plastic disappears with the 2nd replacement (they only last 8-10 years -- **Lucchesi is on its 3rd plastic turf!**). Total costs of plastic turf are massive compared to natural grass. Please see attached Brief for more info.

It makes no sense for Petaluma to declare a Climate Emergency and continue this practice. **Please advise City to revise its calculations of projects as to whether they in fact align with City Climate Goals because this plastic turf project was deemed as a valuable Climate solution by staff. We need more rigorous Climate cost-benefit analysis please!**

FYI: two current **Sacto Bills seek to limit and ban artificial turf in schools** due to heat island/Climate impacts.

Thank you,
Taryn