

Compost in stormwater management

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Stormwater applications for compost

- Engineered media
 - Bioretention (including tree systems)
 - Green roofs
 - Bioswales
- Erosion control
 - Compost blanket
 - Filter berms
 - Filter socks
- Soil – e.g. alleviating compaction, turf establishment
- Other (not in the MN stormwater manual)
 - Soil reclamation
 - Wetland construction
 - Pollution abatement

Information and guidance on stormwater applications are in the Minnesota Stormwater Manual



Minnesota Stormwater Manual

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Information: We have begun adding hover box (mouse over) text so users can see the contents on a particular page. Hover your mouse over the bolded text **See contents** next to each link below to see the contents on the linked page.

Information: Taking advantage of the wiki technology, we continue to update this manual as resources allow. We continue to value your input. If you have comments or suggestions on the format please send them to us using the *Help Improve this Page* box at the bottom of most pages or send an email to [Mike Trojan at the MPCA](#).



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Introduction to the Minnesota Stormwater Manual

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Stormwater concepts and stormwater management

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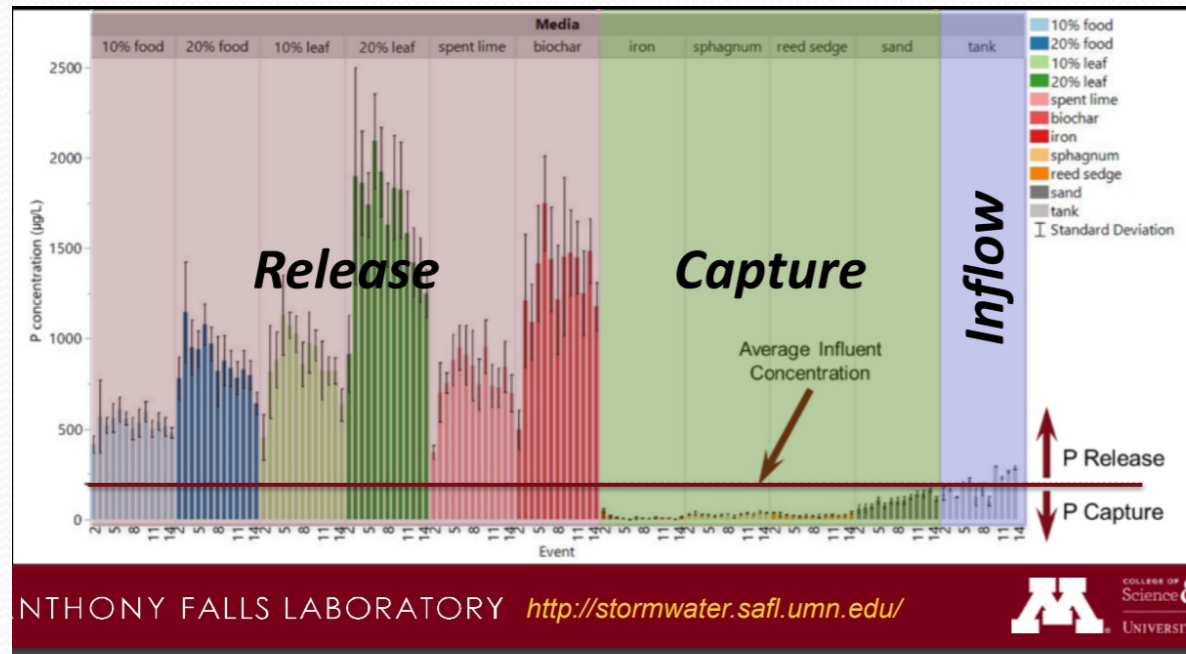


Nutrient concerns

- Primarily phosphorus
- Concern when effluent from an application having compost could contribute to degradation of a receiving water
- Acceptable uses
 - Infiltration
 - Non-sensitive receiving waters
 - Applications with phosphorus-sorbing amendments
 - Other applications where phosphorus leaching is minimal (e.g. soil incorporation, less compost)

Needs

- Continued research on nutrient leaching
- Standards and specifications
- Expanding uses (alleviating compaction, turf management)
- Street sweeping?





Thanks

Questions?

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