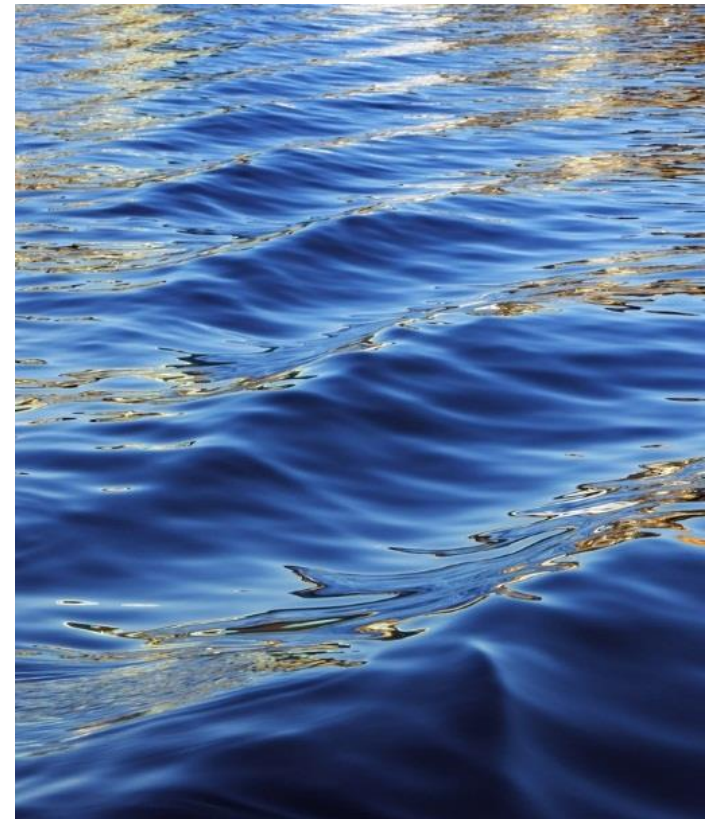




# Compost Markets and Challenges

Created by Charles Duprey, President  
June 4, 2018  
Illinois Food Scrap Coalition  
Online Webinar



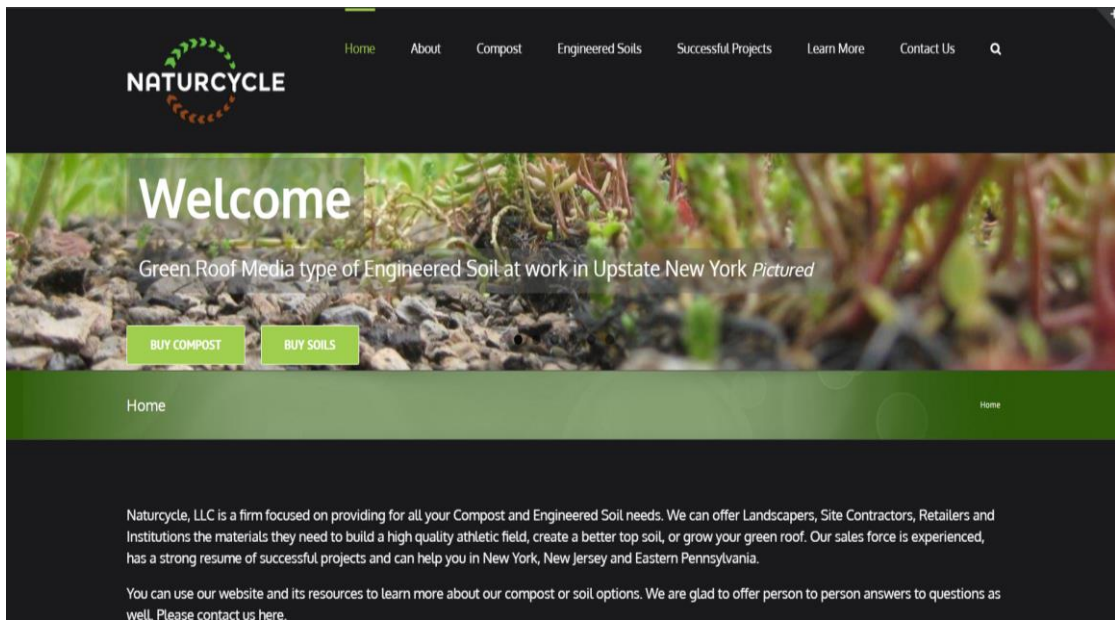
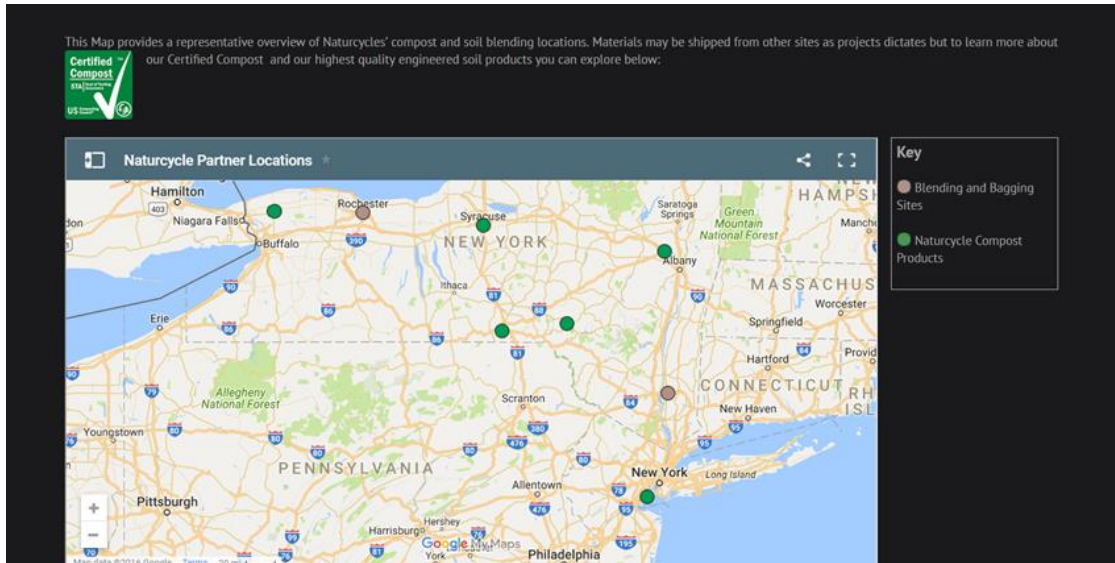


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[www.greenroofs.org](http://www.greenroofs.org)



# Who is Naturcycle ?

- ▶ is working with people like you in “Restoring Earth.”
- ▶ Broker compost for a number of municipal and private compost producers around New York State.
- ▶ Provide expertise in compost use and sourcing.
- ▶ Manufactures a variety of quality engineered soils like Green Roof Media, Bio-Retention Mixes and many other blends from multiple NYS Sites.
- ▶ Offers value engineering on a variety of soil or compost designs
- ▶ Mr. Duprey, Vice Chair or Market Development Committee, consultant, salesman of compost for a decade.

• [www.naturcycle.com](http://www.naturcycle.com)

# All these products are Compost!



# Current Compost Uses

- Amending soils in place  
Things like Athletic Fields, DOT work, other projects
- Enhancing soils for resale
- Bulk Compost Sales for landscape or homeowner uses
- Commercial Erosion Control techniques
- Specialty uses like Green Roof Media, potting mixes, bagged products for retail sale (some blends some straight compost)





# Compost Market Challenges





## Contamination

- As organics recycling expands in the (Like it has on the West Coast) the contamination level in many composts go up. Plastics, Glass, Film Plastic lower the compost value
- Limit the uses
- Northeast and other areas doesn't have the expansive Agricultural Outlets
- Huge Issue in California, changing regulations, materials piling up
- Other Contamination here in the NE, heavy metals occasionally, similar inerts
- Our current NE issues are small compared to this



## Under developed middle markets

- Widely varying compost pricing structures
- Often sold at discounts or in bidding situations
- Middle priced markets aren't readily available. Low prices and high prices are supported but midranges where facilities could grow are harder to come by
- Varies by state, season and even regions



## Slowly Developing Green Infrastructure Markets


- Many states have adopted strong Compost use requirements like CA or Texas or Chicago
- Other areas are slow to adopt these broad Green Infrastructure / Low Impact Development Practices like Compost Blankets or Filter Socks
- Regulations to require amending soils to restore OM, Soil Biology and other benefits like in Colorado don't exist in NE
- Strive for 5% Organic Matter (Often specified 2-3% or Less)



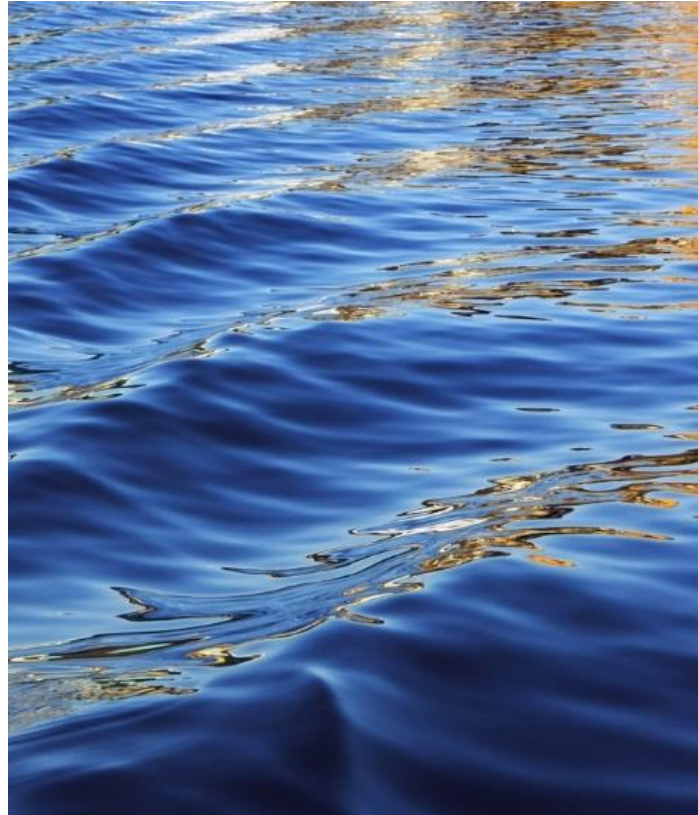


## Varying Regulations

- Many states regulate some types of composting and not others, some based on size of facility or materials excepted
- Requiring time and temperature monitoring or reporting is not frequent
- Farm and Agricultural composting is often given broad exemption or lax regulations
- Tip fee based model on the front end can drive bad actors. Where there is a total lack of end product market development or quality concern.



Where are compost  
markets headed  
from here?





Thank You for Your Time  
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