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Nutrient Leaching from Compost: Laboratory Study with Implications for Bioretention and Other Green Stormwater Infrastructure

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Supplemental Data

Appendix S1 contains the means of ammonium (nh_4^+), nitrate (no_3^-), and phosphate (po_4^-) concentrations ($\mu\text{g l}^{-1}$) extracted from different samples at each saturation duration.

SUPPLEMENTAL DATA

Appendix S1. Means of Ammonium (NH₄⁺), Nitrate (NO₃⁻), and Phosphate (PO₄⁻) Concentrations (µg L⁻¹) Extracted from Different Samples at Each Saturation Duration

Saturation time (h)	Compost and compost-amended bioretention media sample	Parameter					
		Nitrate (µg L ⁻¹)		Ammonium (µg L ⁻¹)		Phosphate (µg L ⁻¹)	
0 (10 mins)	A	2401	a	11700	b	4586	a
0 (10 mins)	B	1092	b	11220	c	3143	c
0 (10 mins)	C	197	c	2750	d	2003	d
0 (10 mins)	D	185	c	17280	a	3558	b
0 (10 mins)	E	193	c	677	e	1519	e
0 (10 mins)	F	197	c	2724	d	591	f
0 (10 mins)	G	65	d	118	f	317	f
24	A	2563	a	12000	b	5615	a
24	B	1215	b	11260	c	3748	c
24	C	216	de	2618	d	2918	d
24	D	197	e	17240	a	4371	b
24	E	233	cd	652	e	1904	e
24	F	258	c	3067	d	1254	f
24	G	67	f	114	f	469	g
120	A	4100	a	9633	b	7528	a
120	B	1526	b	9468	b	4843	b
120	C	423	d	1992	c	4715	b
120	D	215	f	13690	a	7442	a
120	E	743	c	435	d	3518	c
120	F	319	e	2934	c	3273	c
120	G	710	c	70	d	809	d
240	A	4233	a	8396	b	8546	b
240	B	1723	b	7857	c	5999	cd
240	C	619	d	1723	e	6633	c
240	D	286	e	12530	a	10135	a
240	E	1458	b	254	f	5411	d
240	F	310	e	3140	d	4034	e
240	G	1200	c	99	f	1109	f

Note: Different letters within each saturation time indicate significant differences among samples at $\alpha=0.05$.