

Supplemental Table S1. Top 10 Most Abundant Phyla.

	Low EC	High EC
<i>Firmicutes</i>	53.68±4.09	48.81±3.88
<i>Bacteroidetes</i>	41.67±4.38	43.68±4.16
<i>Proteobacteria</i>	2.35±1.05	4.27±2.03
<i>Bacteria Other</i>	1.21±0.10	1.23±0.14
<i>Verrumicrobia</i>	0.68±0.36	1.39±1.06
<i>Actinobacteria</i>	0.38±0.19	0.60±0.26
<i>Cyanobacteria</i>	0.01±0.01	0.00±0.00
<i>Unclassified Other</i>	0.01±0.01	0.00±0.00
<i>Fusobacteria</i>	0.00±0.00	0.02±0.01
<i>Nitrospira</i>	0.00±0.00	0.00±0.00
Data are the mean relative abundance ± standard error.		

Supplemental Table S2. Top 15 Most Abundant Genera

	Low EC	High EC
<i>Bacteroides</i> spp.	35.83±4.22	0.78±4.04
Lachnospiraceae; Other	18.90±3.11	6.52±2.77
<i>Faecalibacterium</i> spp.	5.99±1.73	6.18±1.75
<i>Dialister</i> spp.	4.98±1.77	7.45±1.89
Unclassified <i>Clostridiales</i>	4.83±0.66	3.53±0.34
<i>Rosburia</i> spp.	3.84±0.73	2.99±0.70
<i>Veilonella</i> spp.	3.60±1.26	2.44±1.09
<i>Ruminococcaeaceae</i> ; Other	2.54±0.81	1.86±6.64
<i>Alistipes</i> spp.	1.90±6.70	0.86±0.35
<i>Parabacteroides</i> spp.	1.68±0.35	2.05±0.81
<i>Escherichia/Shigella</i> spp.	1.63±1.03	1.15±0.41
<i>Prevotella</i> spp.	1.74±1.23	8.37±2.99*
Unclassified <i>Bacteria</i>	1.29±0.10	1.33±0.13
<i>Ruminococcuss</i> spp.	1.18±0.78	1.48±0.88
<i>Akkermansia</i> spp.	0.71±0.36	1.35±1.03

Data are the mean relative abundance ± standard error.

* $p < .05$.