Supplementary Table S1. Potable sample statistical analysis. A two-tailed t-test was done to compare colony counts of each culture method. The p-values are shown and the method that performed significantly better is listed in the "Favors" column.

	MYChrOme vs. NTM Elite		NTM Elite vs. 7H11S		MYChrOme vs. 7H11S	
Sample	(p-value)	Favors	(p-value)	Favors	(p-value)	Favors
1	ND	NS	ND	NS	ND	NS
2	0.888	NS	0.039*	NTM Elite	0.026*	MYChrOme
3	0.028*	MYChrOme	1.000	NS	0.030*	MYChrOme
4	TNTC	NS	TNTC	NS	TNTC	NS
5	0.506	NS	0.075	NS	0.062	NS
6	ND	NS	ND	NS	ND	NS
7	0.046*	NTM Elite	0.045*	7H11	0.006**	7H11
8	ND	NS	ND	NS	ND	NS
9	ND	NS	0.423	NS	0.423	NS
10	0.560	NS	0.038*	NTM Elite	0.266	NS
11	0.815	NS	0.014*	NTM Elite	0.020*	MYChrOme
12	0.142	NS	0.086	NS	0.118	NS
13	0.114	NS	0.206	NS	0.163	NS
14	0.010**	MYChrOme	0.581	NS	0.007**	MYChrOme
15	ND	NS	0.423	NS	0.423	NS
16	0.149	NS	ND	NS	0.149	NS
17	ND	NS	ND	NS	ND	NS
18	0.471	NS	0.130	NS	0.214	NS
19	0.594	NS	0.869	NS	0.338	NS
20	0.018*	MYChrOme	0.038*	NTM Elite	0.009**	MYChrOme
21	0.173	NS	0.002**	NTM Elite	0.011*	MYChrOme
22	0.545	NS	0.013*	NTM Elite	0.024*	MYChrOme
23	ND	NS	ND	NS	ND	NS
24	0.003**	MYChrOme	0.128	NS	0.009**	MYChrOme
25	0.649	NS	0.225	NS	0.184	NS

*p ≤0.05
**p ≤0.01
NS: Not significant
ND: Not detected by either method

Supplementary Table S2. Non-potable sample statistical analysis. A two-tailed t-test was done to compare colony counts of each culture method. The p-values are shown and the method that performed significantly better is listed in the "Favors" column.

	MYChrOme vs. NTM Elite		NTM Elite vs. 7H11S		MYChrOme vs. 7H11S	
Sample	(p-value)	Favors	(p-value)	Favors	(p-value)	Favors
1	ND	NS	ND	NS	ND	NS
2	0.349	NS	0.947	NS	0.289	NS
3	0.744	NS	0.080	NS	0.271	NS
4	0.098	NS	0.721	NS	0.014*	7H11
5	0.423	NS	0.463	NS	0.057	NS
6	0.082	NS	0.074	NS	0.423	NS
7	0.000***	MYChrOme	0.038*	7H11	0.002	MC
8	0.225	NS	0.198	NS	0.093	NS
9	0.423	NS	0.406	NS	0.016*	7H11
10	ND	NS	0.423	NS	0.423	NS
11	ND	NS	0.184	NS	0.184	NS
12	0.685	NS	0.256	NS	0.217	NS
13	0.661	NS	0.294	NS	0.861	NS
14	0.423	NS	0.038*	7H11	0.435	NS
15	0.423	NS	0.558	NS	0.184	NS
16	0.022*	MYChrOme	0.136	NS	0.023*	MYChrOme
17	0.387	NS	0.465	NS	0.697	NS
18	0.042*	NTM Elite	0.084	NS	0.448	NS
19	0.016*	NTM Elite	0.018*	NTM Elite	0.282	NS
20	ND	NS	ND	NS	ND	NS
21	ND	NS	0.225	NS	0.225	NS
22	ND	NS	0.423	NS	0.423	NS
23	0.270	NS	0.639	NS	0.055	NS
24	ND	NS	0.184	NS	0.184	NS
25	ND	NS	0.085	NS	0.085	NS

*p ≤0.05
**p ≤0.01
***p ≤0.001
NS: Not significant
ND: Not detected by either method