

Appendix I-2b: Pathogen Plan Source ID Monitoring Results

Wet season/ Dry event #1

Sampled on 1/25/06

	Universal Bacteroidales		Human Bacteroidales		Cow Bacteroidales		Dog Bacteroidales	
Sample	Total Conc in Sample	SLOD	Total Conc in Sample	SLOD	Total Conc in Sample	SLOD	Total Conc in Sample	SLOD
	(gc/100 mL)	(gc/100 mL)	(gc/100 mL)	(gc/100 mL)	(gc/100 mL)	(gc/100 mL)	(gc/100 mL)	(gc/100 mL)
MR-1R	7.90E+05	6.47E+02	9.00E+04	1.12E+03	1.42E+04	1.20E+03	1.97E+03	1.79E+02
MR-2R	8.63E+04	9.10E+00	3.54E+02	1.57E+01	7.99E+02	1.68E+01	2.84E+02	2.51E+00
MR-2D	4.38E+02	3.45E+00	2.22E+02	5.94E+00	ND	6.37E+00	ND	9.51E-01
MR-4R	1.32E+05	3.94E+01	8.68E+03	6.79E+01	6.87E+03	7.27E+01	2.28E+02	1.09E+01
SC-1	4.34E+05	5.69E+01	1.32E+04	9.81E+01	2.26E+02	1.05E+02	8.59E+00	1.57E+01
SC-2D	7.09E+04	1.28E+02	2.84E+03	2.21E+02	3.69E+03	2.37E+02	ND	3.54E+01
SC-3D	4.94E+01	6.73E+00	9.36E+00	1.16E+01	ND	1.24E+01	ND	1.86E+00
SC-2R	1.06E+04	7.76E+01	6.31E+02	1.34E+02	1.44E+03	1.43E+02	ND	2.14E+01
MR-1R (2)	6.22E+05	1.17E+02	6.71E+03	2.02E+02	7.00E+02	2.16E+02	1.55E+02	3.22E+01

SLOD = Sample Limit of Detection

Ratios (Species-Specific to Universal) (%)

	Human	Cow	Dog
MR-1R	11.39	1.80	0.25
MR-2R	0.41	0.93	0.33
MR-2D	50.64	ND	ND
MR-4R	6.58	5.21	0.17
SC-1	3.04	0.05	0.001
SC-2D	4.01	5.21	0
SC-3D	18.95	ND	ND
SC-2R	5.94	13.59	ND
MR-1R (2)	1.08	0.11	0.02

Ratios are used to analyze the relative impact of each source

Ratios of different sources cannot be compared against one another

Acinetobacter Recovery (%)

MR-1R	3.43
MR-2R	26.8
MR-2D	53.8
MR-4R	4.48
SC-1	47.9
SC-2D	39.6
SC-3D	28.6
SC-2R	22.6
MR-1R (2)	18.6

Recovery is used to quantify the effect of PCR inhibitors