

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

Dry event/ Dry season #2

Sampled on 6/7/06

	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	ND	7.24E+01	ND	1.25E+02	ND	1.34E+02	ND	2.00E+01
MR-2R	1.83E+06	6.81E+02	7.07E+04	1.17E+03	1.25E+03	1.26E+03	2.44E+03	1.88E+02
MR-2D	5.06E+04	2.13E+01	ND	3.68E+01	3.76E+02	3.94E+01	ND	5.89E+00
MR-4R	1.29E+05	6.10E+02	ND	1.05E+03	1.75E+04	1.13E+03	ND	1.68E+02
SC-1	ND	9.71E+01	3.61E+04	1.67E+02	ND	1.79E+02	ND	2.68E+01
SC-2D	1.39E+06	5.16E+02	ND	8.90E+02	8.06E+03	9.54E+02	ND	1.42E+02
SC-3D	2.69E+06	4.97E+02	ND	8.56E+02	ND	9.18E+02	ND	1.37E+02
SC-2R	2.10E+04	5.51E+02	ND	9.51E+02	ND	1.02E+03	1.10E+03	1.52E+02
SC-2R (2)	4.38E+04	3.29E+02	ND	5.67E+02	ND	6.07E+02	ND	9.07E+01

SLOD = Sample Limit of Detection

Ratios (Species-Specific to Universal) (%)

	Human	Cow	Dog
MR-1R	ND	ND	ND
MR-2R	3.87	0.07	0.13
MR-2D	ND	0.74	ND
MR-4R	ND	13.5	ND
SC-1	ND	ND	ND
SC-2D	ND	0.58	ND
SC-3D	ND	ND	ND
SC-2R	ND	ND	5.22
SC-2R (2)	ND	ND	ND

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	7.80
MR-2R	1.99
MR-2D	6.84
MR-4R	3.89
SC-1	30.6
SC-2D	5.28
SC-3D	2.22
SC-2R	6.07
SC-2R (2)	5.56

Recovery is used to quantify the effect of PCR inhibitors