

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

Dry event/ Dry season #1

Sampled on 5/10/06

	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	7.76E+05	3.31E+04	ND	5.70E+04	2.36E+03	6.11E+04	ND	9.12E+03
MR-2R	3.36E+06	6.77E+03	1.92E+05	1.17E+04	ND	1.25E+04	3.63E+03	1.87E+03
MR-2D	4.02E+06	6.41E+04	1.23E+04	1.10E+05	ND	1.18E+05	ND	1.77E+04
MR-4R	5.22E+05	4.38E+03	ND	7.54E+03	ND	8.08E+03	ND	1.21E+03
SC-1	3.36E+06	2.34E+04	9.36E+05	4.04E+04	ND	4.33E+04	ND	6.46E+03
SC-2D	1.80E+06	3.63E+03	1.18E+05	6.26E+03	ND	6.70E+03	ND	1.00E+03
SC-3D	9.67E+06	1.24E+02	1.52E+05	2.15E+02	ND	2.30E+02	ND	3.43E+01
SC-2R	5.55E+05	7.51E+03	ND	1.30E+04	ND	1.39E+04	ND	2.07E+03
MR-2R (2)	9.24E+05	6.25E+01	2.27E+04	1.08E+02	ND	1.15E+02	3.64E+02	1.72E+01

SLOD = Sample Limit of Detection

Ratios (Species-Specific to Universal) (%)

	Human	Cow	Dog
MR-1R	ND	0.30	ND
MR-2R	5.70	ND	0.11
MR-2D	0.31	ND	ND
MR-4R	ND	ND	ND
SC-1	27.9	ND	ND
SC-2D	6.53	ND	ND
SC-3D	1.57	ND	ND
SC-2R	ND	ND	ND
MR-2R (2)	2.46	ND	0.04

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	0.85
MR-2R	0.25
MR-2D	0.04
MR-4R	0.60
SC-1	0.15
SC-2D	0.94
SC-3D	1.42
SC-2R	0.56
MR-2R (2)	3.90

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Recovery is used to quantify the effect of PCR inhibitors