

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

Wet season/ Wet event #2

Sampled on 4/12/06

Sample	Universal Bacteroidales		Human Bacteroidales		Cow Bacteroidales		Dog Bacteroidales	
	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	1.40E+03	4.06E+02	1.36E+03	7.01E+02	ND	7.51E+02	ND	1.12E+02
MR-2R	1.12E+05	7.79E+02	ND	1.34E+03	ND	1.44E+03	4.90E+03	2.15E+02
MR-2D	3.05E+02	8.05E+02	ND	ND	ND	1.49E+03	ND	2.22E+02
MR-4R	1.66E+04	1.33E+02	1.59E+03	2.30E+02	3.56E+02	2.46E+02	9.04E+01	3.68E+01
SC-1	1.78E+05	5.45E+01	2.43E+04	9.40E+01	1.18E+03	1.01E+02	4.23E+02	1.50E+01
SC-2D	1.68E+05	1.23E+02	1.65E+04	2.12E+02	1.02E+03	2.27E+02	7.47E+02	3.38E+01
SC-3D	1.56E+05	6.35E+00	3.25E+03	1.09E+01	ND	1.17E+01	4.83E+02	1.75E+00
SC-2R	3.43E+04	5.62E+01	1.50E+04	9.68E+01	ND	1.04E+02	1.29E+02	1.55E+01
SC-1 (2)	4.54E+04	1.14E+01	3.55E+03	1.97E+01	3.60E+01	2.11E+01	6.39E+01	3.15E+00

SLOD = Sample Limit of Detection

Ratios (Species-Specific to Universal) (%)

	Human	Cow	Dog
MR-1R	97.06	ND	ND
MR-2R	ND	ND	4.37
MR-2D	ND	ND	ND
MR-4R	9.62	2.15	0.55
SC-1	13.69	0.66	0.24
SC-2D	9.83	0.61	0.44
SC-3D	2.08	ND	0.31
SC-2R	43.71	ND	0.38
SC-1 (2)	7.81	0.08	0.14

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	39.7
MR-2R	4.34
MR-2D	3.81
MR-4R	27.0
SC-1	27.7
SC-2D	27.4
SC-3D	43.5
SC-2R	56.9
SC-1 (2)	18.1

Recovery is used to quantify the effect of PCR inhibitors