

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

Wet season/ Wet event #1

Sampled on 3/6/06

	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	2.98E+06	<b>7.28E+02</b>	2.68E+04	<b>1.26E+03</b>	2.47E+03	<b>1.34E+03</b>	5.00E+03	<b>2.01E+02</b>
MR-2R	5.68E+03	<b>1.10E+01</b>	8.79E+02	<b>1.89E+01</b>	ND	<b>2.03E+01</b>	4.20E+01	<b>3.03E+00</b>
MR-2D	3.60E+02	<b>1.54E+01</b>	ND	<b>2.66E+01</b>	ND	<b>2.85E+01</b>	ND	<b>4.25E+00</b>
MR-4R	9.95E+03	<b>7.11E+01</b>	1.54E+03	<b>1.23E+02</b>	8.82E+01	<b>1.31E+02</b>	1.54E+01	<b>1.96E+01</b>
SC-1	1.06E+06	<b>1.03E+03</b>	1.92E+05	<b>1.77E+03</b>	ND	<b>1.89E+03</b>	2.39E+03	<b>2.83E+02</b>
SC-2D	9.25E+04	<b>8.33E+01</b>	7.75E+03	<b>1.44E+02</b>	2.98E+03	<b>1.54E+02</b>	5.05E+02	<b>2.30E+01</b>
SC-3D	1.69E+01	<b>1.31E+01</b>	1.62E+01	<b>2.26E+01</b>	ND	<b>2.42E+01</b>	ND	<b>3.62E+00</b>
SC-2R	1.68E+04	<b>1.24E+02</b>	1.85E+03	<b>2.14E+02</b>	1.95E+02	<b>2.30E+02</b>	1.50E+02	<b>3.43E+01</b>
MR-4R (2)	1.97E+04	<b>1.05E+01</b>	5.00E+03	<b>1.82E+01</b>	8.20E+02	<b>1.95E+01</b>	1.61E+02	<b>2.91E+00</b>

SLOD = Sample Limit of Detection

### Ratios (Species-Specific to Universal) (%)

	Human	Cow	Dog
MR-1R	0.90	0.08	0.17
MR-2R	15.48	ND	0.74
MR-2D	ND	ND	ND
MR-4R	15.52	0.89	0.15
SC-1	18.14	ND	0.23
SC-2D	8.38	3.22	0.55
SC-3D	95.87	ND	ND
SC-2R	11.02	1.16	0.89
MR-4R (2)	25.38	4.16	0.82

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	5.15
MR-2R	42.6
MR-2D	26.2
MR-4R	54.9
SC-1	4.40
SC-2D	29.9
SC-3D	26.0
SC-2R	23.9
MR-4R (2)	22.7

Recovery is used to quantify the effect of PCR inhibitors