

Appendix G

Detailed *E. coli* Source Characterization by Station

Table G-1. Detailed *E. coli* source characterization of station 12090 (continued on back of page)

Super - category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Human	Human	Human	1.0%	0.0-3.0%	1.4%	0.0-4.2%	1.2%	0.0-2.8%
Human	sewage	Sewage	13.1%	6.5-19.8%	10.0%	3.0-17.0%	11.8%	7.0-16.7%
Human	subtotal		14.1%	7.3-21.0%	11.4%	4.0-18.9%	13.0%	7.9-18.1%
Livestock		Bovine	12.1%	5.7-18.6%	14.3%	6.1-22.5%	13.0%	7.9-18.1%
Livestock		Horse	8.1%	2.7-13.4%	11.4%	4.0-18.9%	9.5%	5.1-13.9%
Livestock		Poultry	0.0%		0.0%		0.0%	
Livestock		Guinea fowl	0.0%		0.0%		0.0%	
Livestock		Donkey	0.0%		0.0%		0.0%	
Livestock		Goat	0.0%		0.0%		0.0%	
Livestock		Porcine	2.0%	0.0-4.8%	5.7%	0.3-11.2%	3.6%	0.8-6.3%
Livestock	subtotal		22.2%	14.0-30.4%	31.4%	20.6-42.3%	26.0%	19.4-32.7%
Pets	canine	Canine	10.1%	4.2-16.0%	4.3%	0.0-9.0%	7.7%	3.7-11.7%
Pets	canine	Dog	1.0%	0.0-3.0%	0.0%		0.6%	0.0-1.7%
Pets	feline	Feline	0.0%		0.0%		0.0%	
Pets	subtotal		11.1%	4.9-17.3%	4.3%	0.0-9.0%	8.3%	4.1-12.4%
Wildlife	mammal	Coyote	3.0%	0.0-6.4%	0.0%	0.0-0.0%	1.8%	0.0-3.8%
Wildlife	mammal	Deer	4.0%	0.2-7.9%	2.9%	0.0-6.8%	3.6%	0.8-6.3%
Wildlife	mammal	Rabbit	0.0%		0.0%		0.0%	
Wildlife	mammal	Raccoon	4.0%	0.2-7.9%	1.4%	0.0-4.2%	3.0%	0.4-5.5%
Wildlife	mammal	Rodent	7.1%	2.0-12.1%	11.4%	4.0-18.9%	8.9%	4.6-13.2%
Wildlife	mammal	Opossum	1.0%	0.0-3.0%	4.3%	0.0-9.0%	2.4%	0.1-4.7%
Wildlife	mammal	Skunk	0.0%		0.0%		0.0%	

Super - category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Wildlife	mammal	Squirrel	0.0%		0.0%		0.0%	
Wildlife	mammal	Subtotal	19.2%	11.4-26.9%	20.0%	10.6-29.4%	19.5%	13.6-25.5%
Wildlife	avian	Waterfowl	6.1%	1.4-10.8%	4.3%	0.0-9.0%	5.3%	1.9-8.7%
Wildlife	avian	Avian	17.2%	9.7-24.6%	10.0%	3.0-17.0%	14.2%	8.9-19.5%
Wildlife	avian	Subtotal	23.2%	14.9-31.6%	14.3%	6.1-22.5%	19.5%	13.6-25.5%
Wildlife	subtotal		42.4%	32.7-52.2%	34.3%	23.2-45.4%	39.1%	31.7-46.4%
Unknown		Unknown	10.1%	4.2-16.0%	18.6%	9.5-27.7%	13.6%	8.4-18.8%

Table G-2. Detailed *E. coli* source characterization of station 12087 (continued on back of page)

Super-category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Human/ sewage	human	human	0.9%	0.0-2.7%	0.0%	0.0-0.0%	0.6%	0.0-1.9%
Human/ sewage	sewage	sewage	3.6%	0.1-7.1%	0.0%	0.0-0.0%	2.5%	0.1-5.0%
Human/ sewage	subtotal		4.5%	0.7-8.4%	0.0%	0.0-0.0%	3.2%	0.4-5.9%
Livestock		bovine	11.8%	5.8-17.9%	4.3%	0.0-10.0%	9.6%	5.0-14.2%
Livestock		horse	2.7%	0.0-5.8%	12.8%	3.2-22.3%	5.7%	2.1-9.4%
Livestock		poultry	0.9%	0.0-2.7%	0.0%	0.0-0.0%	0.6%	0.0-1.9%
Livestock		Guinea fowl	0.0%	0.0-0.0%	0.0%	0.0-0.0%	0.0%	0.0-0.0%
Livestock		donkey	0.0%	0.0-0.0%	0.0%	0.0-0.0%	0.0%	0.0-0.0%
Livestock		goat	0.9%	0.0-2.7%	0.0%	0.0-0.0%	0.6%	0.0-1.9%
Livestock		porcine	12.7%	6.5-19.0%	19.1%	7.9-30.4%	14.6%	9.1-20.2%
Livestock	subtotal		29.1%	20.6-37.6%	36.2%	22.4-49.9%	31.2%	24.0-38.5%
Pets	canine	canine	5.5%	1.2-9.7%	6.4%	0.0-13.4%	5.7%	2.1-9.4%
Pets	canine	dog	2.7%	0.0-5.8%	0.0%	0.0-0.0%	1.9%	0.0-4.1%
Pets	feline	feline	0.0%	0.0-0.0%	0.0%	0.0-0.0%	0.0%	0.0-0.0%
Pets	subtotal		8.2%	3.1-13.3%	6.4%	0.0-13.4%	7.6%	3.5-11.8%
Wildlife	mammal	coyote	0.0%	0.0-0.0%	2.1%	0.0-6.3%	0.6%	0.0-1.9%
Wildlife	mammal	deer	0.9%	0.0-2.7%	4.3%	0.0-10.0%	1.9%	0.0-4.1%
Wildlife	mammal	rabbit	0.0%	0.0-0.0%	0.0%	0.0-0.0%	0.0%	0.0-0.0%
Wildlife	mammal	raccoon	2.7%	0.3-5.8%	2.1%	0.0-6.3%	2.5%	0.1-5.0%
Wildlife	mammal	rodent	7.3%	2.4-12.1%	12.8%	3.2-22.3%	8.9%	4.5-13.4%

Super-category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Wildlife	mammal	opossum	1.8%	00.0-4.3%	2.1%	0.0-6.3%	1.9%	0.2-4.1%
Wildlife	mammal	skunk	0.0%	0.0-0.0%	2.1%	0.0-6.3%	0.6%	0.0-1.9%
Wildlife	mammal	squirrel	0.0%	0.0-0.0%	0.0%	0.0-0.0%	0.0%	0.0-0.0%
Wildlife	mammal	subtotal	12.7%	6.5-19.0%	25.5%	13.1-38.0%	16.6%	10.7-22.4%
Wildlife	avian	waterfowl	11.8%	5.8-17.9%	4.3%	0.0%-10.0%	9.6%	5.0-14.2%
Wildlife	avian	avian	16.4%	9.5-23.3%	21.3%	9.6-33.0%	17.8%	11.8-23.8%
Wildlife	avian	subtotal	28.2%	19.8-36.6%	25.5%	13.1-38.0%	27.4%	20.4-34.4%
Wildlife	subtotal		40.9%	31.7-50.1%	51.1%	36.8-65.4%	43.9%	36.2-51.7%
Unknown		unknown	17.3%	10.2-24.3%	6.4%	0.0-13.4%	14.0%	8.6-19.4%

Table G-3. Detailed *E. coli* source characterization of station 12086 (continued on back of page)

Super-category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Human/sewage	human	human	3.1%	0.1-6.0%	2.0%	0.0-6.0%	2.8%	0.4-5.2%
Human/sewage	sewage	sewage	13.8%	7.9-19.8%	10.2%	1.7-18.7%	12.8%	7.9-17.8%
Human/sewage	subtotal		16.9%	10.5-23.4%	12.2%	3.1-21.4%	15.6%	10.3-21.0%
Livestock		bovine	7.7%	3.1-12.3%	8.2%	0.5-15.8%	7.8%	3.9-11.8%
Livestock		horse	2.3%	0.0-4.9%	2.0%	0.0-6.0%	2.2%	0.1-4.4%
Livestock		poultry	0.8%	0.0-2.3%	2.0%	0.0-6.0%	1.1%	0.0-2.7%
Livestock		Guinea fowl	0.0%		2.0%	0.0-6.0%	0.6%	0.0-1.7%
Livestock		donkey	0.0%		0.0%		0.0%	
Livestock		goat	0.0%		0.0%		0.0%	
Livestock		porcine	4.6%	1.0-8.2%	2.0%	0.0-6.0%	3.9%	1.1-6.8%
Livestock	subtotal		15.4%	9.2-21.6%	16.3%	6.0-26.7%	15.6%	10.3-21.0%
Pets	canine	canine	8.5%	3.7-13.2%	4.1%	0.0-9.6%	7.3%	3.5-11.1%
Pets	canine	dog	0.0%		0.0%		0.0%	
Pets	feline	feline	0.8%	0.0-2.3%	0.0%		0.6%	0.0-1.7%
Pets	subtotal		9.2%	4.3-14.2%	4.1%	0.0-9.6%	7.8%	3.9-11.8%
Wildlife	mammal	coyote	0.0%		4.1%	0.0-9.6%	1.1%	0.0-2.7%
Wildlife	mammal	deer	2.3%	0.0-4.9%	0.0%		1.7%	0.0-3.6%
Wildlife	mammal	rabbit	0.8%	0.0-2.3%	0.0%		0.6%	0.0-1.7%
Wildlife	mammal	raccoon	5.4%	1.5-9.3%	2.0%	0.0-6.0%	4.5%	1.4-7.5%
Wildlife	mammal	rodent	16.2%	9.8-22.5%	20.4%	9.1-31.7%	17.3%	11.8-22.9%
Wildlife	mammal	opossum	1.5%	0.0-3.7%	0.0%		1.1%	0.0-2.7%

Super-category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Wildlife	mammal	skunk	0.0%		0.0%		0.0%	
Wildlife	mammal	squirrel	0.0%		0.0%		0.0%	
Wildlife	mammal	subtotal	26.2%	18.6-33.7%	26.5%	14.2-38.9%	26.3%	19.8-32.7%
Wildlife	avian	waterfowl	7.7%	3.1-12.3%	8.2%	0.5-15.8%	7.8%	3.9-11.8%
Wildlife	avian	avian	14.6%	8.5-20.7%	20.4%	9.1-31.7%	16.2%	10.8-21.6%
Wildlife	avian	subtotal	22.3%	15.2-29.5%	28.6%	15.9-41.2%	24.0%	17.8-30.3%
Wildlife	subtotal		48.5%	39.9-57.1%	55.1%	41.2-69.0%	50.3%	43.0-57.6%
Unknown		unknown	10.0%	4.8-15.2%	12.2%	3.1-21.4%	10.6%	6.1-15.1%

Table G-4. Detailed *E. coli* source characterization of station 12083 (continued on back of page)

Super-category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Human/sewage	Human	human	1.1%	0.0-3.2%	2.1%	0.0-6.3%	1.4%	0.0-3.4%
Human/sewage	Sewage	sewage	16.3%	8.8-23.9%	25.5%	13.1-38.0%	19.4%	12.8-26.0%
Human/sewage	subtotal		17.4%	9.6-25.1%	27.7%	14.9-40.4%	20.9%	14.1-27.6%
Livestock		bovine	3.3%	0.0-6.9%	2.1%	0.0-6.3%	2.9%	0.1-5.7%
Livestock		horse	3.3%	0.0-6.9%	0.0%		2.2%	0.0%-4.6%
Livestock		poultry	0.0%		0.0%		0.0%	
Livestock		Guinea fowl	0.0%		0.0%		0.0%	
Livestock		donkey	0.0%		0.0%		0.0%	
Livestock		goat	0.0%		0.0%		0.0%	
Livestock		porcine	4.3%	0.2-8.5%	8.5%	0.5-16.5%	5.8%	1.9-9.6%
Livestock	subtotal		10.9%	4.5-17.2%	10.6%	1.8-19.5%	10.8%	5.6-15.9%
Pets	Canine	canine	7.6%	2.2-13.0%	4.3%	0.0-10.0%	6.5%	2.4-10.6%
Pets	Canine	dog	1.1%	0.0-3.2%	2.1%	0.0-6.3%	1.4%	0.0-3.4%
Pets	Feline	feline	1.1%	0.0-3.2%	0.0%		0.7%	0.0-2.1%
Pets	subtotal		9.8%	3.7-15.9%	6.4%	0.0-13.4%	8.6%	4.0-13.3%
Wildlife	mammal	coyote	2.2%	0.0-5.2%	0.0%		1.4%	0.0-3.4%
Wildlife	mammal	deer	1.1%	0.0-3.2%	0.0%		0.7%	0.0-2.1%
Wildlife	mammal	rabbit	0.0%		0.0%		0.0%	
Wildlife	mammal	raccoon	9.8%	3.7-15.9%	4.3%	0.0-10.0%	7.9%	3.4-12.4%
Wildlife	mammal	rodent	15.2%	7.9-22.6%	10.6%	1.8-19.5%	13.7%	8.0-19.4%

Super-category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Wildlife	mammal	opossum	0.0%		0.0%		0.0%	
Wildlife	mammal	skunk	0.0%		0.0%		0.0%	
Wildlife	mammal	squirrel	0.0%		0.0%		0.0%	
Wildlife	mammal	subtotal	28.3%	19.1-37.5%	14.9%	4.7-25.1%	23.7%	16.7-30.8%
Wildlife	Avian	waterfowl	3.3%	0.0-6.9%	12.8%	3.2-22.3%	6.5%	2.4-10.6%
Wildlife	Avian	avian	14.1%	7.0-21.2%	17.0%	6.3-27.8%	15.1%	9.2-21.1%
Wildlife	Avian	subtotal	17.4%	9.6-25.1%	29.8%	16.7-42.9%	21.6%	14.7-28.4%
Wildlife	subtotal		45.7%	35.5-55.8%	44.7%	30.5-58.9%	45.3%	37.0-53.6%
Unknown		unknown	16.3%	8.8-23.9%	10.6%	1.8-19.5%	14.4%	8.6-20.2%

Table G-5. Detailed *E. coli* source characterization of station 17688 (continued on back of page)

Super-category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Human/sewage	human	human	0.7%	0.0-2.2%	4.2%	0.0-9.8%	1.6%	0.0-3.5%
Human/sewage	sewage	sewage	15.6%	9.4-21.7%	8.3%	0.5-16.2%	13.7%	8.7-18.6%
Human/sewage	subtotal		16.3%	10.1-22.5%	12.5%	3.1-21.9%	15.3%	10.1-20.5%
Livestock		bovine	3.0%	0.1-5.8%	6.3%	0.0-13.1%	3.8%	1.0-6.6%
Livestock		horse	4.4%	1.0-7.9%	0.0%		3.3%	0.7-5.9%
Livestock		poultry	2.2%	0.0-4.7%	0.0%		1.6%	0.0-3.5%
Livestock		Guinea fowl	0.0%		0.0%		0.0%	
Livestock		donkey	0.0%		0.0%		0.0%	
Livestock		goat	1.5%	0.0-3.5%	0.0%		1.1%	0.0-2.6%
Livestock		porcine	3.7%	0.5-6.9%	2.1%	0.0-6.1%	3.3%	0.7-5.9%
Livestock	subtotal		14.8%	8.8-20.8%	8.3%	0.5-16.2%	13.1%	8.2-18.0%
Pets	canine	canine	8.9%	4.1-13.7%	4.2%	0.0-9.8%	7.7%	3.8-11.5%
Pets	canine	dog	2.2%	0.0-4.7%	0.0%		1.6%	0.0-3.5%
Pets	feline	feline	0.7%	0.0-2.2%	0.0%		0.5%	0.0-1.6%
Pets	subtotal		11.9%	6.4-17.3%	4.2%	0.0-9.8%	9.8%	5.5-14.2%
Wildlife	mammal	coyote	0.7%	0.0-2.2%	0.0%		0.5%	0.0-1.6%
Wildlife	mammal	deer	2.2%	0.0-4.7%	0.0%		1.6%	0.0-3.5%
Wildlife	mammal	rabbit	0.0%		0.0%		0.0%	
Wildlife	mammal	raccoon	7.4%	3.0-11.8%	0.0%		5.5%	2.2-8.8%
Wildlife	mammal	rodent	7.4%	3.0-11.8%	8.3%	0.5-16.2%	7.7%	3.8-11.5%
Wildlife	mammal	opossum	1.5%	0.0-3.5%	0.0%		1.1%	0.0-2.6%

Super-category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Wildlife	mammal	skunk	0.0%		0.0%		0.0%	
Wildlife	mammal	squirrel	0.0%		0.0%		0.0%	
Wildlife	mammal	subtotal	19.3%	12.6-25.9%	8.3%	0.5-16.2%	16.4%	11.0-21.8%
Wildlife	avian	waterfowl	3.7%	0.5-6.9%	10.4%	1.8-19.1%	5.5%	2.2-8.8%
Wildlife	avian	avian	14.8%	8.8-20.8%	25.0%	12.8-37.3%	17.5%	12.0-23.0%
Wildlife	avian	subtotal	18.5%	12.0-25.1%	35.4%	21.9-48.9%	23.0%	16.9-29.0%
Wildlife	subtotal		37.8%	29.6-46.0%	43.8%	29.7-57.8%	39.3%	32.3-46.4%
Unknown		unknown	19.3%	12.6-25.9%	31.3%	18.1-44.4%	22.4%	16.4-28.4%

Table G-6. Detailed *E. coli* source characterization of station 12074 (continued on back of page)

Super-category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Human/sewage	human	human	0.8%	0.0-2.5%	2.0%	0.0-6.0%	1.2%	0.0-2.8%
Human/sewage	sewage	sewage	21.0%	13.7-28.3%	18.4%	7.5-29.2%	20.2%	14.2-26.3%
Human/sewage	subtotal		21.8%	14.4-29.3%	20.4%	9.1-31.7%	21.4%	15.2-27.6%
Livestock		bovine	5.9%	1.7-10.1%	2.0%	0.0-6.0%	4.8%	1.5-8.0%
Livestock		horse	3.4%	0.1-6.6%	4.1%	0.0-9.6%	3.6%	0.8-6.4%
Livestock		poultry	1.7%	0.0-4.0%	2.0%	0.0-6.0%	1.8%	0.0-3.8%
Livestock		Guinea fowl	0.0%		0.0%		0.0%	
Livestock		donkey	0.8%	0.0-2.5%	0.0%		0.6%	0.0-1.8%
Livestock		goat	0.0%		0.0%		0.0%	
Livestock		porcine	8.4%	3.4-13.4%	8.2%	0.5-15.8%	8.3%	4.2-12.5%
Livestock	subtotal		20.2%	13.0-27.4%	16.3%	6.0-26.7%	19.0%	13.1-25.0%
Pets	canine	canine	2.5%	0.0-5.3%	10.2%	1.7-18.7%	4.8%	1.5-8.0%
Pets	canine	dog	4.2%	0.6-7.8%	4.1%	0.0-9.6%	4.2%	1.1-7.2%
Pets	feline	feline	0.8%	0.0-2.5%	0.0%		0.6%	0.0-1.8%
Pets	subtotal		7.6%	2.8-12.3%	14.3%	4.5-24.1%	9.5%	5.1-14.0%
Wildlife	mammal	coyote	0.0%		0.0%		0.0%	
Wildlife	mammal	deer	3.4%	0.1-6.6%	0.0%		2.4%	0.1-4.7%
Wildlife	mammal	rabbit	0.0%		0.0%		0.0%	
Wildlife	mammal	raccoon	2.5%	0.0-5.3%	4.1%	0.0-9.6%	3.0%	0.4-5.5%
Wildlife	mammal	rodent	5.0%	1.1-9.0%	16.3%	6.0-26.7%	8.3%	4.2-12.5%
Wildlife	mammal	opossum	0.8%	0.0-2.5%	2.0%	0.0-6.0%	1.2%	0.0-2.8%

Super-category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Wildlife	mammal	skunk	0.0%		0.0%		0.0%	
Wildlife	mammal	squirrel	0.8%	0.0-2.5%	0.0%		0.6%	0.0-1.8%
Wildlife	mammal	subtotal	12.6%	6.6-18.6%	22.4%	10.8-34.1%	15.5%	10.0-20.9%
Wildlife	avian	waterfowl	8.4%	3.4-13.4%	6.1%	0.0-12.8%	7.7%	3.7-11.8%
Wildlife	avian	avian	16.0%	9.4-22.5%	12.2%	3.1-21.4%	14.9%	9.5-20.3%
Wildlife	avian	subtotal	24.4%	16.7-32.1%	18.4%	7.5-29.2%	22.6%	16.3-28.9%
Wildlife	subtotal		37.0%	28.3-45.6%	40.8%	27.1-54.6%	38.1%	30.8-45.4%
Unknown		unknown	13.4%	7.3-19.6%	8.2%	0.5-15.8%	11.9%	7.0-16.8%

Table G-7. Detailed *E. coli* source characterization of station 11516 (continued on back of page)

Super-category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Human/sewage	human	human	5.0%	0.0-14.6%	0.0%		2.5%	0.0-7.3%
Human/sewage	sewage	sewage	5.0%	0.0-14.6%	0.0%		2.5%	0.0-7.3%
Human/sewage	subtotal		10.0%	0.0-23.1%	0.0%		5.0%	0.0-11.8%
Livestock		bovine	0.0%		10.0%	0.0-23.1%	5.0%	0.0-11.8%
Livestock		horse	0.0%		15.0%	0.0-30.6%	7.5%	0.0-15.7%
Livestock		poultry	0.0%		0.0%		0.0%	
Livestock		Guinea fowl	0.0%		0.0%		0.0%	
Livestock		donkey	0.0%		0.0%		0.0%	
Livestock		goat	0.0%		0.0%		0.0%	
Livestock		porcine	0.0%		0.0%		0.0%	
Livestock	subtotal		0.0%		25.0%	6.0-44.0%	12.5%	2.3-22.7%
Pets	canine	canine	20.0%	2.5-37.5%	15.0%	0.0-30.6%	17.5%	5.7-29.3%
Pets	canine	dog	0.0%		0.0%		0.0%	
Pets	feline	feline	5.0%	0.0-14.6%	0.0%		2.5%	0.0-7.3%
Pets	subtotal		25.0%	6.0-44.0%	15.0%	0.0-30.6%	20.0%	7.6-32.4%
Wildlife	mammal	coyote	0.0%		0.0%		0.0%	
Wildlife	mammal	deer	0.0%		0.0%		0.0%	
Wildlife	mammal	rabbit	0.0%		0.0%		0.0%	
Wildlife	mammal	raccoon	0.0%		5.0%	0.0-14.6%	2.5%	0.0-7.3%
Wildlife	mammal	rodent	5.0%	0.0-14.6%	10.0%	0.0-23.1%	7.5%	0.0-15.7%
Wildlife	mammal	opossum	0.0%		0.0%		0.0%	
Wildlife	mammal	skunk	0.0%		0.0%		0.0%	

Super-category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Wildlife	mammal	squirrel	0.0%		0.0%		0.0%	
Wildlife	mammal	subtotal	5.0%	0.0-14.6%	15.0%	0.0-30.6%	10.0%	0.7-19.3%
Wildlife	avian	waterfowl	5.0%	0.0-14.6%	0.0%		2.5%	0.0-7.3%
Wildlife	avian	avian	35.0%	14.1-55.9%	30.0%	9.9-50.1%	32.5%	18.0-47.0%
Wildlife	avian	subtotal	40.0%	18.5-61.5%	30.0%	9.9-50.1%	35.0%	20.2-49.8%
Wildlife	subtotal		45.0%	23.2-66.8%	45.0%	23.2-66.8%	45.0%	29.6-60.4%
Unknown		unknown	20.0%	2.5-37.5%	15.0%	0.0-30.6%	17.5%	5.7-29.3%

Table G-8. Detailed *E. coli* source characterization of station 17685 (continued on back of page)

Super-category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Human/sewage	human	human	0.0%		0.0%		0.0%	
Human/sewage	sewage	sewage	4.0%	0.0-11.7%	4.3%	0.0-12.7%	4.2%	0.0-9.8%
Human/sewage	subtotal		4.0%	0.0-11.7%	4.3%	0.0-12.7%	4.2%	0.0-9.8%
Livestock		bovine	12.0%	0.0-24.7%	8.7%	0.0-20.2%	10.4%	1.8-19.1%
Livestock		horse	8.0%	0.0-18.6%	8.7%	0.0-20.2%	8.3%	0.5-16.2%
Livestock		poultry	0.0%		0.0%		0.0%	
Livestock		Guinea fowl	0.0%		0.0%		0.0%	
Livestock		donkey	0.0%		0.0%		0.0%	
Livestock		goat	0.0%		0.0%		0.0%	
Livestock		porcine	0.0%		0.0%		0.0%	
Livestock	subtotal		20.0%	4.3-35.7%	17.4%	1.9-32.9%	18.8%	7.7-29.8%
Pets	canine	canine	0.0%		21.7%	4.9-38.6%	10.4%	1.8-19.1%
Pets	canine	dog	4.0%	0.0-11.7%	0.0%		2.1%	0.0-6.1%
Pets	feline	feline	0.0%		0.0%		0.0%	
Pets	subtotal		4.0%	0.0-11.7%	21.7%	4.9-38.6%	12.5%	3.1-21.9%
Wildlife	mammal	coyote	0.0%		0.0%		0.0%	
Wildlife	mammal	deer	0.0%		0.0%		0.0%	
Wildlife	mammal	rabbit	0.0%		0.0%		0.0%	
Wildlife	mammal	raccoon	0.0%		0.0%		0.0%	
Wildlife	mammal	rodent	32.0%	13.7-50.3%	0.0%		16.7%	6.1-27.2%
Wildlife	mammal	opossum	0.0%		0.0%		0.0%	
Wildlife	mammal	skunk	0.0%		0.0%		0.0%	

Super-category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Wildlife	mammal	squirrel	0.0%		0.0%		0.0%	
Wildlife	mammal	subtotal	32.0%	13.7-50.3%	0.0%		16.7%	6.1-27.2%
Wildlife	avian	waterfowl	0.0%		13.0%	0.0-26.8%	6.3%	0.0-13.1%
Wildlife	avian	avian	12.0%	0.0-24.7%	26.1%	8.1-44.0%	18.8%	7.7-29.8%
Wildlife	avian	subtotal	12.0%	0.0-24.7%	39.1%	19.2-59.1%	25.0%	12.8-37.3%
Wildlife	subtotal		44.0%	24.5-63.5%	39.1%	19.2-59.1%	41.7%	27.7-55.6%
Unknown		unknown	28.0%	10.4-45.6%	17.4%	1.9-32.9%	22.9%	11.0-34.8%

Table G-9. Detailed *E. coli* source characterization of station 17686 (continued on back of page)

Super-category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Human/sewage	human	human	3.4%	0.0-10.1%	4.2%	0.0-12.2%	3.8%	0.0-8.9%
Human/sewage	sewage	sewage	6.9%	0.0-16.1%	20.8%	4.6-37.1%	13.2%	4.1-22.3%
Human/sewage	subtotal		10.3%	0.0-21.4%	25.0%	7.7-42.3%	17.0%	6.9-27.1%
Livestock		bovine	3.4%	0.0-10.1%	4.2%	0.0-12.2%	3.8%	0.0-8.9%
Livestock		horse	13.8%	1.2-26.3%	8.3%	0.0-19.4%	11.3%	2.8-19.9%
Livestock		poultry	0.0%		0.0%		0.0%	
Livestock		Guinea fowl	0.0%		0.0%		0.0%	
Livestock		donkey	0.0%		0.0%		0.0%	
Livestock		goat	0.0%		0.0%		0.0%	
Livestock		porcine	3.4%	0.0-10.1%	0.0%		1.9%	0.0-5.5%
Livestock	subtotal		20.7%	5.9-35.4%	12.5%	0.0-25.7%	17.0%	6.9-27.1%
Pets	canine	canine	13.8%	1.2-26.3%	12.5%	0.0-25.7%	13.2%	4.1-22.3%
Pets	canine	dog	0.0%		0.0%		0.0%	
Pets	feline	feline	0.0%		0.0%		0.0%	
Pets	subtotal		13.8%	1.2-26.3%	12.5%	0.0-25.7%	13.2%	4.1-22.3%
Wildlife	mammal	coyote	0.0%		0.0%		0.0%	
Wildlife	mammal	deer	0.0%		0.0%		0.0%	
Wildlife	mammal	rabbit	0.0%		0.0%		0.0%	
Wildlife	mammal	raccoon	6.9%	0.0-16.1%	4.2%	0.0-12.2%	5.7%	0.0-11.9%
Wildlife	mammal	rodent	20.7%	5.9-35.4%	16.7%	1.8-31.6%	18.9%	8.3-29.4%
Wildlife	mammal	opossum	3.4%	0.0-10.1%	0.0%		1.9%	0.0-5.5%
Wildlife	mammal	skunk	0.0%		0.0%		0.0%	

Super-category	Category	Source	Non-runoff		Runoff		All Conditions	
			% Contribution	95% CI	% Contribution	95% CI	% Contribution	95% CI
Wildlife	mammal	squirrel	0.0%		0.0%		0.0%	
Wildlife	mammal	subtotal	31.0%	14.2-47.9%	20.8%	4.6-37.1%	26.4%	14.5-38.3%
Wildlife	avian	waterfowl	6.9%	0.0-16.1%	0.0%		3.8%	0.0-8.9%
Wildlife	avian	avian	6.9%	0.0-16.1%	16.7%	1.8-31.6%	11.3%	2.8-19.9%
Wildlife	avian	subtotal	13.8%	1.2-26.3%	16.7%	1.8-31.6%	15.1%	5.5-24.7%
Wildlife	subtotal		44.8%	26.7-62.9%	37.5%	18.1-56.9%	41.5%	28.2-54.8%
Unknown		unknown	10.3%	0.0-21.4%	12.5%	0.0-25.7%	11.3%	2.8-19.9%