

Table 3 EMMA Results (lc-excess as tracer), if it does not round up to 100%, it is because of rounding, arrow represents stream direction

Endmember	Source	Spring		Summer		Autumn		Winter	
		Mean [-]	SD ±	Mean [-]	SD ±	Mean [-]	SD ±	Mean [-]	SD ±
UP1	AQ(1.1)	35%	19%	30%	22%	30%	15%	45%	21%
	AQ(1.2)	54%	19%	50%	29%	30%	14%	22%	16%
	Precip	10%	6%	20%	10%	40%	12%	33%	11%
UP2	AQ(1.1)	27%	15%	32%	18%	37%	15%	25%	17%
	AQ(1.2)	12%	11%	28%	22%	16%	11%	10%	10%
	Precip	4%	3%	14%	7%	9%	5%	9%	7%
	UP1	57%	18%	26%	14%	39%	13%	57%	21%
UP3	AQ(1.1)	9%	10%	10%	10%	12%	9%	14%	13%
	AQ(1.2)	57%	19%	44%	22%	60%	11%	61%	15%
	Precip	5%	4%	28%	12%	9%	5%	7%	6%
	UP2	29%	21%	18%	18%	20%	12%	18%	13%
DS	AQ(1.1)	2%	3%	2%	2%	3%	3%	3%	3%
	AQ(1.2)	4%	5%	2%	3%	5%	4%	5%	5%
	Precip	2%	2%	2%	2%	2%	2%	2%	3%
	UP3	7%	9%	5%	5%	7%	6%	6%	6%
	WWTP	85%	10%	90%	6%	83%	7%	85%	7%
OL	AQ(1.1)	2%	2%	1%	1%	2%	2%	2%	2%
	AQ(1.2)	5%	5%	1%	2%	4%	5%	4%	4%
	DS	91%	6%	96%	3%	90%	6%	93%	5%
	Precip	3%	2%	2%	2%	5%	4%	1%	1%