

IN (cali; 1991 to 2001)							
Flow	(mm/yr)	q(FLC)	q(ULC)	q(GLC)	q(ALC)	R2	
	qdr	65.61573	456.017	79.93478	107.7271	0.9296	
	qb	450	0	321.8631	238.8263	0.9583	
	qbd	426.5483	30.32109	73.66746	54.66214	0.8121	
TN	(mg/L)	EMC(FLC)	EMC(ULC)	EMC(GLC)	EMC(ALC)	R2	
	EMCdr	0.160179	1.065278	0.124869	1.587659	0.8861	no constraint
	EMCb	0.769267	2.551886	5.08551	6.988361		
	EMCbdr	0.769267	2.551886	5.08551	6.988361	0.903	
TP	(mg/L)	EMC(FLC)	EMC(ULC)	EMC(GLC)	EMC(ALC)	R2	
	EMCdr	0.11428	0.511445	0.082063	0.410638	0.8069	no constraint
	EMCb	0.036809	0.174648	0.1915	0.1915		
	EMCbdr	0.036809	0.174648	0.1915	0.1915	0.7556	

MI (1979 to 2015)							
Flow	(mm/yr)	q(FLC)	q(ULC)	q(GLC)	q(ALC)	R2	
	qdr	60.14702	168.1553	65.19311	101.6739	0.908	
	qb	450	160.9488	415.17	266.207	0.9462	
	qbd	140.9598	50.41625	130.0496	83.38777	0.9425	
TN	(mg/L)	EMC(FLC)	EMC(ULC)	EMC(GLC)	EMC(ALC)	R2	
	EMCdr	1.764042	3.875907	1.712422	6.224026	0.9434	no constraint
	EMCb	0.327019	1.162267	3.201499	3.201499		
	EMCbdr	0.327019	1.162267	3.201499	3.201499	0.9326	
TP	(mg/L)	EMC(FLC)	EMC(ULC)	EMC(GLC)	EMC(ALC)	R2	
	EMCdr	0	0.495167	0.558831	0	0.9036	no constraint
	EMCb	0.026503	0.077699	0	0.085196		
	EMCbdr	0.026503	0.077699	0	0.085196	0.8563	

IL (1980 to 1997)							
Flow	(mm/yr)	q(FLC)	q(ULC)	q(GLC)	q(ALC)	R2	
	qdr	58.65093	183.8309	72.72627	99.97164	0.9777	
	qb	379.498	121.0783	306.0508	222.6424	0.987	
	qbd	156.1539	25.94836	125.9322	91.61174	0.9905	
TN	(mg/L)	EMC(FLC)	EMC(ULC)	EMC(GLC)	EMC(ALC)	R2	
	EMCdr	0.670073	2.872257	0.611588	11.01111	0.9518	no constraint
	EMCb	0.695503	2.286115	0	6.263515		
	EMCbd	0.695503	2.286115	0	6.263515	0.8795	
TP	(mg/L)	EMC(FLC)	EMC(ULC)	EMC(GLC)	EMC(ALC)	R2	
	EMCdr	0.934509	0.447643	0.589706	0.617594	0.437	no constraint
	EMCb	0.057826	0.169528	0.185886	0.185886		
	EMCbd	0.057826	0.169528	0.185886	0.185886	0.3803	

WI (2012 to 2014)							
Flow	(mm/yr)	q(FLC)	q(ULC)	q(GLC)	q(ALC)	R2	
	qdr	33.52381	239.0171	47.63891	61.02592	0.9995	
	qb	327.4778	77.78517	230.4484	179.8959	0.6963	
	qbd	109.3122	25.96471	76.92374	60.04929	0.5003	
TN	(mg/L)	EMC(FLC)	EMC(ULC)	EMC(GLC)	EMC(ALC)	R2	
	EMCdr	0.155205	1.145275	0.303219	0.827079	0.8365	no constraint
	EMCb	0.360043	1.262051	3.435195	3.455407		
	EMCbd	0.360043	1.262051	3.435195	3.455407	0.9877	
TP	(mg/L)	EMC(FLC)	EMC(ULC)	EMC(GLC)	EMC(ALC)	R2	
	EMCdr	0.071778	0	0.25892	0.533527	0.9712	no constraint
	EMCb	0.019141	0.174648	0.1915	0.1915		
	EMCbd	0.019141	0.174648	0.1915	0.1915	0.9944	