Supplemental Information for Green et al. [2009]

Supplemental Table 1: Data used for Figure 1, including classification, reported reaction or transport timescale and literature source. The data were either taken directly from reported values or calculated from reported values in the referenced literature.

System Type	Transport Timescale (d)	Reaction Timescale (d)	Source
Constructed wetland	16	97	Jordan et al. [2003]
Constructed wetland	30	60	Jordan et al. [2003]
Constructed wetland	9.1	20	Jordan et al. [2003]
Constructed wetland	2.0	17	Jordan et al. [2003]
Constructed wetland	0.7	7	Jordan et al. [2003]
Constructed wetland	2.3	36	Jordan et al. [2003]
Constructed wetland	1.7	2.8	Reilly et al. [2000]
Constructed wetland	6.9	1.8	Reilly et al. [2000]
Constructed wetland	7.3	1.1	Reilly et al. [2000]
Constructed wetland	1.8	3.1	Reilly et al. [2000]
Constructed wetland	2.3	1.8	Reilly et al. [2000]
Constructed wetland	3.2	1.0	Reilly et al. [2000]
Constructed wetland	0.8	0.9	Reilly et al. [2000]
Constructed wetland	0.4	0.7	Reilly et al. [2000]
Constructed wetland	0.5	0.3	Reilly et al. [2000]
Constructed wetland	3.8	1.9	Reilly et al. [2000]
Constructed wetland	2.5	2.0	Reilly et al. [2000]
Constructed wetland	0.6	0.6	Reilly et al. [2000]
Constructed wetland	1.3	1.5	Reilly et al. [2000]
Estuary	7361	5434	Nixon et al. [1996]
Estuary	559	638	Nixon et al. [1996]
Estuary	210	693	Nixon et al. [1996]
Estuary	100	150	Nixon et al. [1996]
Estuary	155	905	Nixon et al. [1996]
Estuary	33	198	Nixon et al. [1996]
Estuary	26	118	Nixon et al. [1996]
Estuary	3.0	27	Nixon et al. [1996]
Estuary	10	95	Nixon et al. [1996]
Estuary	91	176	Nixon et al. [1996]
Lake/Reservoir	3.0	4.5	Tomaszek [2003]
Lake/Reservoir	213	0.7	Tomaszek [2003]
Lake/Reservoir	132	417	David et al. [2006]
Lake/Reservoir	73	164	Harrison et al. [2009]
Lake/Reservoir	858	989	Harrison et al. [2009]
Lake/Reservoir	1399	842	Harrison et al. [2009]
Lake/Reservoir	2118	1760	Harrison et al. [2009]

System Type	Transport Timescale (d)	Reaction Timescale (d)	Source
Lake/Reservoir	3032	775	Harrison et al. [2009]
Lake/Reservoir	3178	812	Harrison et al. [2009]
Lake/Reservoir	9131	1983	Harrison et al. [2009]
Lake/Reservoir	110	399	Harrison et al. [2009]
Lake/Reservoir	1351	1435	Harrison et al. [2009]
Lake/Reservoir	365	593	Harrison et al. [2009]
Lake/Reservoir	329	960	Harrison et al. [2009]
Lake/Reservoir	5822	1500	Harrison et al. [2009]
Lake/Reservoir	35977	6329	Harrison et al. [2009]
Lake/Reservoir	95	166	Harrison et al. [2009]
Lake/Reservoir	33	139	Harrison et al. [2009]
Lake/Reservoir	20	132	Harrison et al. [2009]
Lake/Reservoir	49	146	Harrison et al. [2009]
Lake/Reservoir	89	163	Harrison et al. [2009]
Lake/Reservoir	44	144	Harrison et al. [2009]
Lake/Reservoir	1953	1491	Harrison et al. [2009]
Lake/Reservoir	737	1443	Harrison et al. [2009]
Lake/Reservoir	584	1309	Harrison et al. [2009]
Lake/Reservoir	657	921	Harrison et al. [2009]
Lake/Reservoir	1140	1744	Harrison et al. [2009]
Lake/Reservoir	1387	1321	Harrison et al. [2009]
Lake/Reservoir	899	1760	Harrison et al. [2009]
Lake/Reservoir	130	161	Harrison et al. [2009]
Lake/Reservoir	14	44	Harrison et al. [2009]
Lake/Reservoir	18	70	Harrison et al. [2009]
Lake/Reservoir	59	223	Harrison et al. [2009]
Lake/Reservoir	38	50	Harrison et al. [2009]
Lake/Reservoir	11	40	Harrison et al. [2009]
Lake/Reservoir	1498	965	Harrison et al. [2009]
Lake/Reservoir	5150	2491	Harrison et al. [2009]
Lake/Reservoir	660	1303	Harrison et al. [2009]
Lake/Reservoir	309	1565	Harrison et al. [2009]
Lake/Reservoir	18	74	Harrison et al. [2009]
Lake/Reservoir	26	129	Harrison et al. [2009]
Lake/Reservoir	29	97	Harrison et al. [2009]
Lake/Reservoir	37	121	Harrison et al. [2009]
Lake/Reservoir	51	62	Harrison et al. [2009]
Lake/Reservoir	179	212	Harrison et al. [2009]
Lake/Reservoir	201	316	Harrison et al. [2009]
Lake/Reservoir	252	198	Harrison et al. [2009]
Lake/Reservoir	7.3	63	Harrison et al. [2009]
Lake/Reservoir	15	114	Harrison et al. [2009]
Lake/Reservoir	15	69	Harrison et al. [2009]

System Type	Transport Timescale (d)	Reaction Timescale (d)	Source
Lake/Reservoir	18	77	Harrison et al. [2009]
Lake/Reservoir	29	61	Harrison et al. [2009]
Lake/Reservoir	62	181	Harrison et al. [2009]
Lake/Reservoir	91	136	Harrison et al. [2009]
Lake/Reservoir	406	468	Harrison et al. [2009]
Lake/Reservoir	545	339	Harrison et al. [2009]
Lake/Reservoir	321	425	Harrison et al. [2009]
Lake/Reservoir	48	265	Harrison et al. [2009]
Lake/Reservoir	91	278	Harrison et al. [2009]
Lake/Reservoir	1717	3361	Harrison et al. [2009]
Lake/Reservoir	36525	33857	Harrison et al. [2009]
Lake/Reservoir	20	26	Harrison et al. [2009]
Lake/Reservoir	77	143	Harrison et al. [2009]
Lake/Reservoir	640	1129	Harrison et al. [2009]
Lake/Reservoir	17	22	Harrison et al. [2009]
Lake/Reservoir	167	225	Harrison et al. [2009]
Lake/Reservoir	226	288	Harrison et al. [2009]
Lake/Reservoir	135	449	Harrison et al. [2009]
Lake/Reservoir	584	1144	Harrison et al. [2009]
Lake/Reservoir	292	182	Harrison et al. [2009]
Lake/Reservoir	102	169	Harrison et al. [2009]
Lake/Reservoir	267	231	Harrison et al. [2009]
Lake/Reservoir	30	95	Harrison et al. [2009]
Lake/Reservoir	2.9	124	Harrison et al. [2009]
Lake/Reservoir	278	3824	Harrison et al. [2009]
Lake/Reservoir	31	69	Harrison et al. [2009]
Lake/Reservoir	81	132	Harrison et al. [2009]
Lake/Reservoir	47	460	Harrison et al. [2009]
Lake/Reservoir	121	627	Harrison et al. [2009]
Lake/Reservoir	241	214	Harrison et al. [2009]
Lake/Reservoir	447	600	Harrison et al. [2009]
Lake/Reservoir	10	72	Harrison et al. [2009]
Lake/Reservoir	702	2704	Harrison et al. [2009]
Lake/Reservoir	294	1117	Harrison et al. [2009]
Lake/Reservoir	49	116	Harrison et al. [2009]
Lake/Reservoir	15	61	Harrison et al. [2009]
Lake/Reservoir	575	331	Harrison et al. [2009]
Lake/Reservoir	110	92	Harrison et al. [2009]
Lake/Reservoir	66	141	Harrison et al. [2009]
Lake/Reservoir	37	140	Harrison et al. [2009]
Lake/Reservoir	110	364	Harrison et al. [2009]
Lake/Reservoir	11	86	Harrison et al. [2009]
Lake/Reservoir	2.0	199	U.S. EPA

System Type	Transport Timescale (d)	Reaction Timescale (d)	Source
Lake/Reservoir	10	995	U.S. EPA
Lake/Reservoir	23	2288	U.S. EPA
Lake/Reservoir	5.0	247	U.S. EPA
Lake/Reservoir	6.5	322	U.S. EPA
Lake/Reservoir	548	27100	U.S. EPA
Lake/Reservoir	3.3	108	U.S. EPA
Lake/Reservoir	6.2	204	U.S. EPA
Lake/Reservoir	23	563	U.S. EPA
Lake/Reservoir	146	3577	U.S. EPA
Lake/Reservoir	18	351	U.S. EPA
Lake/Reservoir	6.0	97	U.S. EPA
Lake/Reservoir	10	162	U.S. EPA
Lake/Reservoir	1022	16517	U.S. EPA
Lake/Reservoir	5.0	69	U.S. EPA
Lake/Reservoir	318	4382	U.S. EPA
Lake/Reservoir	2.0	24	U.S. EPA
Lake/Reservoir	24	288	U.S. EPA
Lake/Reservoir	19	201	U.S. EPA
Lake/Reservoir	253	2683	U.S. EPA
Lake/Reservoir	7.0	66	U.S. EPA
Lake/Reservoir	83	788	U.S. EPA
Lake/Reservoir	178	1527	U.S. EPA
Lake/Reservoir	11	86	U.S. EPA
Lake/Reservoir	15	117	U.S. EPA
Lake/Reservoir	47	368	U.S. EPA
Lake/Reservoir	57	446	U.S. EPA
Lake/Reservoir	1971	15419	U.S. EPA
Lake/Reservoir	2081	16275	U.S. EPA
Lake/Reservoir	13	93	U.S. EPA
Lake/Reservoir	475	3407	U.S. EPA
Lake/Reservoir	17	98	U.S. EPA
Lake/Reservoir	125	717	U.S. EPA
Lake/Reservoir	190	1090	U.S. EPA
Lake/Reservoir	313	1795	U.S. EPA
Lake/Reservoir	78	419	U.S. EPA
Lake/Reservoir	210	1127	U.S. EPA
Lake/Reservoir	438	2351	U.S. EPA
Lake/Reservoir	4.5	23	U.S. EPA
Lake/Reservoir	183	866	U.S. EPA
Lake/Reservoir	694	3291	U.S. EPA
Lake/Reservoir	56	251	U.S. EPA
Lake/Reservoir	92	412	U.S. EPA
Lake/Reservoir	110	467	U.S. EPA

System Type	Transport Timescale (d)	Reaction Timescale (d)	Source
Lake/Reservoir	4088	16453	U.S. EPA
Lake/Reservoir	150	574	U.S. EPA
Lake/Reservoir	42	153	U.S. EPA
Lake/Reservoir	210	765	U.S. EPA
Lake/Reservoir	22	76	U.S. EPA
Lake/Reservoir	268	932	U.S. EPA
Lake/Reservoir	949	3299	U.S. EPA
Lake/Reservoir	1095	3806	U.S. EPA
Lake/Reservoir	548	1818	U.S. EPA
Lake/Reservoir	17	54	U.S. EPA
Lake/Reservoir	694	2204	U.S. EPA
Lake/Reservoir	3.0	9.1	U.S. EPA
Lake/Reservoir	8.0	22	U.S. EPA
Lake/Reservoir	136	367	U.S. EPA
Lake/Reservoir	152	410	U.S. EPA
Lake/Reservoir	840	2177	U.S. EPA
Lake/Reservoir	413	1031	U.S. EPA
Lake/Reservoir	73	158	U.S. EPA
Lake/Reservoir	135	282	U.S. EPA
Lake/Reservoir	1059	2214	U.S. EPA
Lake/Reservoir	77	141	U.S. EPA
Lake/Reservoir	257	472	U.S. EPA
Lake/Reservoir	1205	2143	U.S. EPA
Lake/Reservoir	1351	2329	U.S. EPA
Lake/Reservoir	511	855	U.S. EPA
Lake/Reservoir	621	1038	U.S. EPA
Lake/Reservoir	1022	1709	U.S. EPA
Lake/Reservoir	1533	2564	U.S. EPA
Lake/Reservoir	1168	1786	U.S. EPA
Lake/Reservoir	12301	18268	U.S. EPA
Lake/Reservoir	2847	4107	U.S. EPA
Lake/Reservoir	5475	7899	U.S. EPA
Lake/Reservoir	1898	2661	U.S. EPA
Lake/Reservoir	24	31	U.S. EPA
Lake/Reservoir	1351	1739	U.S. EPA
Lake/Reservoir	5694	7333	U.S. EPA
Lake/Reservoir	40	49	U.S. EPA
Lake/Reservoir	548	649	U.S. EPA
Lake/Reservoir	876	983	U.S. EPA
Lake/Reservoir	1205	1315	U.S. EPA
Lake/Reservoir	1168	1240	U.S. EPA
Lake/Reservoir	475	490	U.S. EPA
Lake/Reservoir	1205	1245	U.S. EPA

System Type	Transport Timescale (d)	Reaction Timescale (d)	Source
Lake/Reservoir	511	461	U.S. EPA
Lake/Reservoir	200	171	U.S. EPA
Lake/Reservoir	296	253	U.S. EPA
Lake/Reservoir	1533	1309	U.S. EPA
Lake/Reservoir	17	14	U.S. EPA
Lake/Reservoir	1460	1147	U.S. EPA
Lake/Reservoir	7665	6021	U.S. EPA
Lake/Reservoir	4636	2970	U.S. EPA
Lake/Reservoir	548	278	U.S. EPA
Lake/Reservoir	76	22	U.S. EPA
Lake/Reservoir	242	24079	U.S. EPA
Lake/Reservoir	14	460	U.S. EPA
Lake/Reservoir	13	318	U.S. EPA
Lake/Reservoir	97	2376	U.S. EPA
Lake/Reservoir	80	1960	U.S. EPA
Lake/Reservoir	6.0	117	U.S. EPA
Lake/Reservoir	8.0	156	U.S. EPA
Lake/Reservoir	155	3022	U.S. EPA
Lake/Reservoir	189	3055	U.S. EPA
Lake/Reservoir	1241	17101	U.S. EPA
Lake/Reservoir	23	317	U.S. EPA
Lake/Reservoir	1241	17101	U.S. EPA
Lake/Reservoir	9.0	124	U.S. EPA
Lake/Reservoir	9.0	95	U.S. EPA
Lake/Reservoir	64	607	U.S. EPA
Lake/Reservoir	13	123	U.S. EPA
Lake/Reservoir	56	481	U.S. EPA
Lake/Reservoir	14	101	U.S. EPA
Lake/Reservoir	38	273	U.S. EPA
Lake/Reservoir	17	122	U.S. EPA
Lake/Reservoir	6.0	40	U.S. EPA
Lake/Reservoir	235	1558	U.S. EPA
Lake/Reservoir	263	1744	U.S. EPA
Lake/Reservoir	14	93	U.S. EPA
Lake/Reservoir	109	671	U.S. EPA
Lake/Reservoir	913	5615	U.S. EPA
Lake/Reservoir	621	3818	U.S. EPA
Lake/Reservoir	153	821	U.S. EPA
Lake/Reservoir	148	702	U.S. EPA
Lake/Reservoir	115	546	U.S. EPA
Lake/Reservoir	3.0	13	U.S. EPA
Lake/Reservoir	88	394	U.S. EPA
Lake/Reservoir	584	2617	U.S. EPA

System Type	Transport Timescale (d)	Reaction Timescale (d)	Source
Lake/Reservoir	8.0	32	U.S. EPA
Lake/Reservoir	172	692	U.S. EPA
Lake/Reservoir	131	527	U.S. EPA
Lake/Reservoir	319	1221	U.S. EPA
Lake/Reservoir	49	179	U.S. EPA
Lake/Reservoir	94	343	U.S. EPA
Lake/Reservoir	6.0	21	U.S. EPA
Lake/Reservoir	221	734	U.S. EPA
Lake/Reservoir	50	166	U.S. EPA
Lake/Reservoir	51	169	U.S. EPA
Lake/Reservoir	282	858	U.S. EPA
Lake/Reservoir	296	864	U.S. EPA
Lake/Reservoir	16	41	U.S. EPA
Lake/Reservoir	31	77	U.S. EPA
Lake/Reservoir	121	302	U.S. EPA
Lake/Reservoir	148	370	U.S. EPA
Lake/Reservoir	176	424	U.S. EPA
Lake/Reservoir	161	374	U.S. EPA
Lake/Reservoir	121	281	U.S. EPA
Lake/Reservoir	165	383	U.S. EPA
Lake/Reservoir	247	535	U.S. EPA
Lake/Reservoir	402	840	U.S. EPA
Lake/Reservoir	54	102	U.S. EPA
Lake/Reservoir	159	301	U.S. EPA
Lake/Reservoir	72	128	U.S. EPA
Lake/Reservoir	438	779	U.S. EPA
Lake/Reservoir	1168	2078	U.S. EPA
Lake/Reservoir	840	1448	U.S. EPA
Lake/Reservoir	20	33	U.S. EPA
Lake/Reservoir	32	54	U.S. EPA
Lake/Reservoir	58	94	U.S. EPA
Lake/Reservoir	312	506	U.S. EPA
Lake/Reservoir	30	47	U.S. EPA
Lake/Reservoir	50	76	U.S. EPA
Lake/Reservoir	438	650	U.S. EPA
Lake/Reservoir	176	254	U.S. EPA
Lake/Reservoir	621	870	U.S. EPA
Lake/Reservoir	657	870	U.S. EPA
Lake/Reservoir	36	46	U.S. EPA
Lake/Reservoir	949	1222	U.S. EPA
Lake/Reservoir	288	361	U.S. EPA
Lake/Reservoir	16	19	U.S. EPA
Lake/Reservoir	162	182	U.S. EPA

System Type	Transport Timescale (d)	Reaction Timescale (d)	Source
Lake/Reservoir	189	180	U.S. EPA
Lake/Reservoir	2446	1519	U.S. EPA
Lake/Reservoir	1059	440	U.S. EPA
Lake/Reservoir	2884	1084	U.S. EPA
Lake/Reservoir	548	170	U.S. EPA
Lake/Reservoir	7.0	696	U.S. EPA
Lake/Reservoir	44	4378	U.S. EPA
Lake/Reservoir	27	1336	U.S. EPA
Lake/Reservoir	2.0	66	U.S. EPA
Lake/Reservoir	3.0	98	U.S. EPA
Lake/Reservoir	23	563	U.S. EPA
Lake/Reservoir	139	2710	U.S. EPA
Lake/Reservoir	12	234	U.S. EPA
Lake/Reservoir	190	3071	U.S. EPA
Lake/Reservoir	27	324	U.S. EPA
Lake/Reservoir	239	2534	U.S. EPA
Lake/Reservoir	21	199	U.S. EPA
Lake/Reservoir	20	190	U.S. EPA
Lake/Reservoir	179	1699	U.S. EPA
Lake/Reservoir	23	197	U.S. EPA
Lake/Reservoir	23	180	U.S. EPA
Lake/Reservoir	4.0	31	U.S. EPA
Lake/Reservoir	208	1627	U.S. EPA
Lake/Reservoir	3.0	23	U.S. EPA
Lake/Reservoir	12	86	U.S. EPA
Lake/Reservoir	35	251	U.S. EPA
Lake/Reservoir	584	3872	U.S. EPA
Lake/Reservoir	66	438	U.S. EPA
Lake/Reservoir	7.0	43	U.S. EPA
Lake/Reservoir	138	849	U.S. EPA
Lake/Reservoir	80	459	U.S. EPA
Lake/Reservoir	116	665	U.S. EPA
Lake/Reservoir	124	711	U.S. EPA
Lake/Reservoir	402	2155	U.S. EPA
Lake/Reservoir	21	106	U.S. EPA
Lake/Reservoir	72	342	U.S. EPA
Lake/Reservoir	2.0	9.5	U.S. EPA
Lake/Reservoir	19	85	U.S. EPA
Lake/Reservoir	161	722	U.S. EPA
Lake/Reservoir	73	327	U.S. EPA
Lake/Reservoir	229	1026	U.S. EPA
Lake/Reservoir	85	381	U.S. EPA
Lake/Reservoir	49	197	U.S. EPA

System Type	Transport Timescale (d)	Reaction Timescale (d)	Source
Lake/Reservoir	233	891	U.S. EPA
Lake/Reservoir	44	168	U.S. EPA
Lake/Reservoir	511	1862	U.S. EPA
Lake/Reservoir	275	956	U.S. EPA
Lake/Reservoir	39	136	U.S. EPA
Lake/Reservoir	9.0	31	U.S. EPA
Lake/Reservoir	178	566	U.S. EPA
Lake/Reservoir	352	1118	U.S. EPA
Lake/Reservoir	37	118	U.S. EPA
Lake/Reservoir	42	133	U.S. EPA
Lake/Reservoir	226	688	U.S. EPA
Lake/Reservoir	296	901	U.S. EPA
Lake/Reservoir	23	70	U.S. EPA
Lake/Reservoir	81	237	U.S. EPA
Lake/Reservoir	142	415	U.S. EPA
Lake/Reservoir	146	409	U.S. EPA
Lake/Reservoir	32	90	U.S. EPA
Lake/Reservoir	15	40	U.S. EPA
Lake/Reservoir	348	938	U.S. EPA
Lake/Reservoir	2.0	5.2	U.S. EPA
Lake/Reservoir	303	729	U.S. EPA
Lake/Reservoir	379	912	U.S. EPA
Lake/Reservoir	33	74	U.S. EPA
Lake/Reservoir	370	829	U.S. EPA
Lake/Reservoir	74	150	U.S. EPA
Lake/Reservoir	584	1107	U.S. EPA
Lake/Reservoir	623	1144	U.S. EPA
Lake/Reservoir	242	444	U.S. EPA
Lake/Reservoir	11	20	U.S. EPA
Lake/Reservoir	6.0	10	U.S. EPA
Lake/Reservoir	413	691	U.S. EPA
Lake/Reservoir	110	184	U.S. EPA
Lake/Reservoir	402	596	U.S. EPA
Lake/Reservoir	50	74	U.S. EPA
Lake/Reservoir	144	196	U.S. EPA
Lake/Reservoir	402	532	U.S. EPA
Lake/Reservoir	103	133	U.S. EPA
Lake/Reservoir	1168	1423	U.S. EPA
Lake/Reservoir	346	410	U.S. EPA
Lake/Reservoir	621	61739	U.S. EPA
Lake/Reservoir	19	1890	U.S. EPA
Lake/Reservoir	32	1051	U.S. EPA
Lake/Reservoir	256	8405	U.S. EPA

System Type	Transport Timescale (d)	Reaction Timescale (d)	Source
Lake/Reservoir	78	1261	U.S. EPA
Lake/Reservoir	112	1543	U.S. EPA
Lake/Reservoir	186	2231	U.S. EPA
Lake/Reservoir	1022	12257	U.S. EPA
Lake/Reservoir	876	8314	U.S. EPA
Lake/Reservoir	175	1369	U.S. EPA
Lake/Reservoir	91	712	U.S. EPA
Lake/Reservoir	225	1492	U.S. EPA
Lake/Reservoir	261	1606	U.S. EPA
Lake/Reservoir	104	596	U.S. EPA
Lake/Reservoir	475	2721	U.S. EPA
Lake/Reservoir	1168	6268	U.S. EPA
Lake/Reservoir	108	513	U.S. EPA
Lake/Reservoir	511	2168	U.S. EPA
Lake/Reservoir	365	1397	U.S. EPA
Lake/Reservoir	64	213	U.S. EPA
Lake/Reservoir	73	222	U.S. EPA
Lake/Reservoir	168	471	U.S. EPA
Lake/Reservoir	438	1180	U.S. EPA
Lake/Reservoir	325	843	U.S. EPA
Lake/Reservoir	2665	6413	U.S. EPA
Lake/Reservoir	365	847	U.S. EPA
Lake/Reservoir	6972	14104	U.S. EPA
Lake/Reservoir	140	274	U.S. EPA
Lake/Reservoir	694	1314	U.S. EPA
Lake/Reservoir	305	560	U.S. EPA
Lake/Reservoir	2081	3588	U.S. EPA
Lake/Reservoir	913	1526	U.S. EPA
Lake/Reservoir	171	269	U.S. EPA
Lake/Reservoir	657	1005	U.S. EPA
Lake/Reservoir	107	159	U.S. EPA
Lake/Reservoir	92	133	U.S. EPA
Lake/Reservoir	6205	8698	U.S. EPA
Lake/Reservoir	57	80	U.S. EPA
Lake/Reservoir	1278	1600	U.S. EPA
Lake/Reservoir	318	367	U.S. EPA
Lake/Reservoir	1314	975	U.S. EPA
Lake/Reservoir	1059	699	U.S. EPA
Lake/Reservoir	657	346	U.S. EPA
Lake/Reservoir	174105	72304	U.S. EPA
Lake/Reservoir	236	11682	U.S. EPA
Lake/Reservoir	7.0	230	U.S. EPA
Lake/Reservoir	441	10803	U.S. EPA

System Type	Transport Timescale (d)	Reaction Timescale (d)	Source
Lake/Reservoir	511	6128	U.S. EPA
Lake/Reservoir	876	7517	U.S. EPA
Lake/Reservoir	109	853	U.S. EPA
Lake/Reservoir	355	2549	U.S. EPA
Lake/Reservoir	694	4980	U.S. EPA
Lake/Reservoir	17	105	U.S. EPA
Lake/Reservoir	193	1188	U.S. EPA
Lake/Reservoir	57	287	U.S. EPA
Lake/Reservoir	25	119	U.S. EPA
Lake/Reservoir	42	199	U.S. EPA
Lake/Reservoir	3.0	14	U.S. EPA
Lake/Reservoir	55	261	U.S. EPA
Lake/Reservoir	49	220	U.S. EPA
Lake/Reservoir	304	1362	U.S. EPA
Lake/Reservoir	240	1076	U.S. EPA
Lake/Reservoir	37	157	U.S. EPA
Lake/Reservoir	12	51	U.S. EPA
Lake/Reservoir	8.0	32	U.S. EPA
Lake/Reservoir	120	483	U.S. EPA
Lake/Reservoir	694	2653	U.S. EPA
Lake/Reservoir	156	597	U.S. EPA
Lake/Reservoir	67	244	U.S. EPA
Lake/Reservoir	143	521	U.S. EPA
Lake/Reservoir	325	1184	U.S. EPA
Lake/Reservoir	129	448	U.S. EPA
Lake/Reservoir	10	33	U.S. EPA
Lake/Reservoir	45	143	U.S. EPA
Lake/Reservoir	197	626	U.S. EPA
Lake/Reservoir	27	82	U.S. EPA
Lake/Reservoir	314	917	U.S. EPA
Lake/Reservoir	730	2131	U.S. EPA
Lake/Reservoir	402	1126	U.S. EPA
Lake/Reservoir	548	1475	U.S. EPA
Lake/Reservoir	18	45	U.S. EPA
Lake/Reservoir	511	1276	U.S. EPA
Lake/Reservoir	281	676	U.S. EPA
Lake/Reservoir	1424	3190	U.S. EPA
Lake/Reservoir	584	1264	U.S. EPA
Lake/Reservoir	23	50	U.S. EPA
Lake/Reservoir	219	474	U.S. EPA
Lake/Reservoir	402	840	U.S. EPA
Lake/Reservoir	130	272	U.S. EPA
Lake/Reservoir	365	764	U.S. EPA

System Type	Transport Timescale (d)	Reaction Timescale (d)	Source
Lake/Reservoir	55	111	U.S. EPA
Lake/Reservoir	1314	2412	U.S. EPA
Lake/Reservoir	584	1039	U.S. EPA
Lake/Reservoir	285	492	U.S. EPA
Lake/Reservoir	269	450	U.S. EPA
Lake/Reservoir	1022	1709	U.S. EPA
Lake/Reservoir	438	733	U.S. EPA
Lake/Reservoir	511	855	U.S. EPA
Lake/Reservoir	259	420	U.S. EPA
Lake/Reservoir	438	690	U.S. EPA
Lake/Reservoir	363	572	U.S. EPA
Lake/Reservoir	183	280	U.S. EPA
Lake/Reservoir	511	737	U.S. EPA
Lake/Reservoir	584	843	U.S. EPA
Lake/Reservoir	1570	2079	U.S. EPA
Lake/Reservoir	1168	1547	U.S. EPA
Lake/Reservoir	511	640	U.S. EPA
Lake/Reservoir	803	978	U.S. EPA
Lake/Reservoir	1022	1211	U.S. EPA
Lake/Reservoir	475	562	U.S. EPA
Lake/Reservoir	621	696	U.S. EPA
Lake/Reservoir	1022	1146	U.S. EPA
Lake/Reservoir	986	1105	U.S. EPA
Lake/Reservoir	263	272	U.S. EPA
Lake/Reservoir	218	219	U.S. EPA
Lake/Reservoir	584	587	U.S. EPA
Lake/Reservoir	175	176	U.S. EPA
Lake/Reservoir	548	536	U.S. EPA
Lake/Reservoir	365	348	U.S. EPA
Lake/Reservoir	438	395	U.S. EPA
Lake/Reservoir	876	790	U.S. EPA
Lake/Reservoir	511	461	U.S. EPA
Lake/Reservoir	280	253	U.S. EPA
Lake/Reservoir	1059	955	U.S. EPA
Lake/Reservoir	271	225	U.S. EPA
Lake/Reservoir	657	531	U.S. EPA
Lake/Reservoir	1022	826	U.S. EPA
Lake/Reservoir	876	708	U.S. EPA
Lake/Reservoir	1387	1090	U.S. EPA
Lake/Reservoir	803	613	U.S. EPA
Lake/Reservoir	1898	1291	U.S. EPA
Lake/Reservoir	4015	2418	U.S. EPA
Lake/Reservoir	2774	1462	U.S. EPA

System Type	Transport Timescale (d)	Reaction Timescale (d)	Source
Lake/Reservoir	767	347	U.S. EPA
Lake/Reservoir	5329	2110	U.S. EPA
Lake/Reservoir	19710	7412	U.S. EPA
Lake/Reservoir	7300	2595	U.S. EPA
Lake/Reservoir	3139	1048	U.S. EPA
Hillslope	1.4	4.8	Ocampo et al. [2006]
Hillslope	1000	125	Ocampo et al. [2006]
Hillslope	11	5.6	Ocampo et al. [2006]
Hillslope	8.3	15	Ocampo et al. [2006]
Hillslope	0.6	2.9	Ocampo et al. [2006]
Hillslope	0.4	2.9	Ocampo et al. [2006]
Hillslope	1.0	1.4	Ocampo et al. [2006]
Hillslope	10	3.5	Ocampo et al. [2006]
Hillslope	1.1	10	Ocampo et al. [2006]
Hillslope	10	6.7	Ocampo et al. [2006]
Hillslope	2.2	8.3	Ocampo et al. [2006]
Hillslope	1.0	8.3	Ocampo et al. [2006]
Hillslope	0.5	0.5	Ocampo et al. [2006]
Hillslope	111	67	Ocampo et al. [2006]
Hillslope	8.3	6.0	Ocampo et al. [2006]
Hillslope	10	11	Ocampo et al. [2006]
Hillslope	3.6	7.5	Ocampo et al. [2006]
Hillslope	2.4	7.5	Ocampo et al. [2006]
Hillslope	5.0	50	Ocampo et al. [2006]
Hillslope	50	29	Ocampo et al. [2006]
Hillslope	2.9	55335	Kaushal [2008]
Hillslope	2.7	187	Kaushal [2008]
Stream/River	0.112	1.8	Mulholland et al. [2008]
Stream/River	0.038	0.9	Mulholland et al. [2008]
Stream/River	0.127	2.5	Mulholland et al. [2008]
Stream/River	0.051	0.6	Mulholland et al. [2008]
Stream/River	0.071	3.7	Mulholland et al. [2008]
Stream/River	0.157	5.4	Mulholland et al. [2008]
Stream/River	0.028	0.8	Mulholland et al. [2008]
Stream/River	0.084	7.9	Mulholland et al. [2008]
Stream/River	0.056	2.5	Mulholland et al. [2008]
Stream/River	0.011	9.5	Mulholland et al. [2008]
Stream/River	0.022	0.134	Mulholland et al. [2008]
Stream/River	0.005	2.0	Mulholland et al. [2008]
Stream/River	0.017	0.5	Mulholland et al. [2008]
Stream/River	0.014	0.7	Mulholland et al. [2008]
Stream/River	0.033	12	Mulholland et al. [2008]
Stream/River	0.024	2.5	Mulholland et al. [2008]

System Type	Transport Timescale (d)	Reaction Timescale (d)	Source
Stream/River	0.012	0.7	Mulholland et al. [2008]
Stream/River	0.020	1.3	Mulholland et al. [2008]
Stream/River	0.021	7.3	Mulholland et al. [2008]
Stream/River	0.010	1.6	Mulholland et al. [2008]
Stream/River	0.009	0.4	Mulholland et al. [2008]
Stream/River	0.034	28	Mulholland et al. [2008]
Stream/River	0.086	0.281	Mulholland et al. [2008]
Stream/River	0.029	6.9	Mulholland et al. [2008]
Stream/River	0.031	1.7	Mulholland et al. [2008]
Stream/River	0.007	0.223	Mulholland et al. [2008]
Stream/River	0.015	0.013	Mulholland et al. [2008]
Stream/River	0.026	6.2	Mulholland et al. [2008]
Stream/River	0.014	0.7	Mulholland et al. [2008]
Stream/River	0.010	2.6	Mulholland et al. [2008]
Stream/River	0.004	0.0	Mulholland et al. [2008]
Stream/River	0.063	2.5	Mulholland et al. [2008]
Stream/River	0.006	0.117	Mulholland et al. [2008]
Stream/River	0.004	0.5	Mulholland et al. [2008]
Stream/River	0.101	6.9	Mulholland et al. [2008]
Stream/River	0.144	14	Mulholland et al. [2008]
Stream/River	0.162	8.7	Mulholland et al. [2008]
Stream/River	0.028	2.5	Mulholland et al. [2008]
Stream/River	0.029	1.1	Mulholland et al. [2008]
Stream/River	0.045	0.6	Mulholland et al. [2008]
Stream/River	0.018	2.1	Mulholland et al. [2008]
Stream/River	0.067	1.7	Mulholland et al. [2008]
Stream/River	0.017	6.0	Mulholland et al. [2008]
Stream/River	0.076	11	Mulholland et al. [2008]
Stream/River	0.076	0.5	Mulholland et al. [2008]
Stream/River	0.131	16	Mulholland et al. [2008]
Stream/River	0.037	2.1	Mulholland et al. [2008]
Stream/River	0.043	0.8	Mulholland et al. [2008]
Stream/River	40	181	Seitzinger et al. [2002]
Stream/River	0.7	11	Seitzinger et al. [2002]
Stream/River	0.058	5.8	Seitzinger et al. [2002]
Stream/River	0.033	0.286	Seitzinger et al. [2002]
Stream/River	0.058	0.5	Seitzinger et al. [2002]
Stream/River	136	316	Seitzinger et al. [2002]
Stream/River	0.0	0.3	Seitzinger et al. [2002]
Stream/River	0.1	0.3	Seitzinger et al. [2002]
Stream/River	2.7	17	Seitzinger et al. [2002]
Stream/River	0.8	3.5	Seitzinger et al. [2002]
Ground Water	8766	20349	Green et al. [2008]

System Type	Transport Timescale (d)	Reaction Timescale (d)	Source
Ground Water	4054	2212	Green et al. [2008]
Ground Water	416	842	Green et al. [2008]
Ground Water	5040	8967	Green et al. [2008]
Ground Water	5990	867	Green et al. [2008]
Ground Water	1498	36684	Green et al. [2008]
Ground Water	402	69070	Green et al. [2008]
Ground Water	1826	189320	Green et al. [2008]
Ground Water	2155	278788	Green et al. [2008]
Ground Water	21513	3114	Green et al. [2008]
Ground Water	22280	3225	Green et al. [2008]
Ground Water	21513	7647	Green et al. [2008]
Ground Water	17167	2485	Green et al. [2008]
Ground Water	18226	2638	Green et al. [2008]
Ground Water	18263	6868	Green et al. [2008]
Ground Water	16071	11261	Green et al. [2008]
Ground Water	14208	12816	Green et al. [2008]
Ground Water	15220	13357	Green et al. [2008]
Ground Water	19724	45785	Green et al. [2008]
Ground Water	19724	130773	Green et al. [2008]
Ground Water	21148	253629	Green et al. [2008]
Ground Water	18628	3230286	Green et al. [2008]
Ground Water	15304	2653902	Green et al. [2008]
Ground Water	10702	38996	Green et al. [2008]
Ground Water	9387	39822	Green et al. [2008]
Ground Water	8729	37033	Green et al. [2008]
Ground Water	7999	29147	Green et al. [2008]
Ground Water	6268	45006	Green et al. [2008]
Ground Water	5552	66583	Green et al. [2008]
Ground Water	4018	1002427	Green et al. [2008]
Ground Water	3214	319810	Green et al. [2008]
Ground Water	3616	118715	Green et al. [2008]
Ground Water	2885	70684	Green et al. [2008]
Ground Water	3324	53717	Green et al. [2008]

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