

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

List of Dilution Factors for Selected Wastewater Discharge Sources

permit number	facility name	Salt or Fresh	permitted flow	acute dilution	chronic dilution	health dilution
ME0002216	A.E. STALEY	F	0.04	43.4	50.5	149.4
ME0002224	AMERICAN TISSUE (TREE FREE)	F	6	56	273.4	605
ME0101389	ANSON-MADISON	F	5	240.5	295	429
ME0101087	ASHLAND SD	F	0.3	55.7	262.7	786
ME0100013	AUGUSTA	F	8	43	206	455
ME0101320	BAILEYVILLE	F	0.6	190.9	760	1953
ME0100781	BANGOR	F	18	27	116.1	328
ME0102474	BAR HARBOR (DEGREGOIRE)	S	0.012	62	643	1928
ME0102466	BAR HARBOR (HULLS COVE)	S	0.15	27	247	741
ME0101214	BAR HARBOR (MAIN PLANT)	S	2	10	33.3	100
ME0100021	BATH	S	3.5	34	284	852
ME0101664	BAYVILLE VILLAGE CORP.	S	0.015	70	320	960
ME0101532	BELFAST	S	0.7	19	40	120
ME0101397	BERWICK	F	1.1	17.9	17.9	51.6
ME0101176	BETHEL	F	0.3	859.1	3433	4588
ME0100048	BIDDEFORD	S	6.5	9.7	16.9	50.7
ME0102741	BIDDEFORD POOL	S	0.03	78	540	1620
ME0100056	BINGHAM	F	0.146	563.3	5668	12296
ME0101231	BLUE HILL	S	0.1	2.4	14.8	44.4
ME0100064	BOOTHBAY HARBOR	S	0.64	15	125	375
ME0100072	BREWER	F	5.19	92	405	1134
ME0100102	BRUNSWICK	F	3.85	45.2	338.5	740
ME0102113	BRUNSWICK PUBLIC WORKS LANDFILL	F	0.2	365	5546	14164
ME0100111	BUCKSPORT	S	0.46	155	1550	4650
ME0100129	CALAIS	S	1.5	335	335	832
ME0100137	CAMDEN	S	1.21	27	50	150
ME0102067	CANTON	F	0.25	52.7	52.7	52.7
ME0102121	CAPE ELIZABETH	S	0.499	17.4	74.8	224.4
ME0100145	CARIBOU	F	1.41	16.9	79.5	238.6
ME0101192	CASTINE	S	0.126	1	148	444
ME0101699	CLINTON	F	0.35	31	121	496
ME0100161	DANFORTH	F	0.049	34.2	157	469
ME0001872	DOMTAR	F	40	3.03	12.1	29.3
ME0100501	DOVER-FOXCROFT	F	0.8	10.7	18.9	54.6
ME0090000	DOWNEAST CORRECTIONAL FACILITY	S	0.04			
ME0102156	EAST MACHIAS	S	0.024	397	448	1342
ME0100200	EASTPORT MAIN PLANT	S	0.82	14	341	1023
ME0102148	EASTPORT QUODDY	S	0.05	1	1394	4182
ME0100889	ELLSWORTH	S	0.85	14	37	110
MEU503801	ELLSWORTH (SHORE ROAD)	S	0.002			
ME0000396	ENGELHARD	S	0.0165	1500	9000	9000
ME0100218	FALMOUTH	S	1.56	8.3	11	33
ME0101249	FARMINGTON	F	0.9	5.4	18.2	52.6
ME0002399	FIRST TECHNOLOGY	F	0.005	17.8	20.4	59.2
ME0100226	FORT FAIRFIELD	F	0.6	43.9	206	617
ME0102369	FORT KENT	F	0.43	206.6	848	4251
ME0000272	FPL WYMAN STA 004	S	1	47	222	666
ME0000159	FRASER PAPER	F	15	48.1	49.6	198
ME0101036	FREEPORT	S	0.75	74	115	345

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ME0101982	FRENCHVILLE	F	0.06	2008	8370	25109
ME0101702	GARDINER	F	4.5	76.6	368	846
ME0002020	GP OLD TOWN (FT JAMES)	F	24.4	16.7	74.2	223
ME0102318	GRAND ISLE	F	0.08	2147	10101	30302
ME0101516	GREAT SALT BAY SANITARY DISTRICT	S	0.268	200	500	1500
ME0102431	GSBSD, DAMARISCOTTA MILLS	S	0.015	77	137	411
ME0102032	GUILFORD/SANGERVILLE	F	0.465	17	25	73
ME0101443	HARTLAND	F	1.5	18.2	18.2	32.4
ME0000639	HOLTRACHEM	S	0.1	1121	16495	39195
ME0101290	HOULTON	F	1.5	3.54	3.97	26
ME0101788	HOWLAND	F	0.16	2725	12108	30588
ME0001937	INTERNATIONAL PAPER	F	51	21.2	21.2	40
ME0002160	INTERNATIONAL PAPER - BUCKSPORT	S	18	54	354	1062
ME0100269	ISLESBORO	S	0.0637	103	1611	4833
ME0100978	JACKMAN	F	0.675	17.1	20	57.9
ME0000175	KATAHDIN PAPER (GNP) EAST	F	33	39.3	43.6	47.1
ME0000167	KATAHDIN PAPER MILLINOCKET	F	43	30	33.3	35.5
ME0100935	KENNEBUNK	S	1.31	8.4	11.8	33.6
ME0101184	KENNEBUNKPORT	S	0.7	4.3	19	57
ME0100285	KITTERY	S	2.5	9.5	64	192
ME0100854	KSTD	F	12.7	27	128.4	221.1
ME0101478	LEWISTON/AUBURN	F	14.2	12.8	90.1	191.3
ME0100871	LIMERICK	F	0.11	9.5	59.1	175
ME0101095	LIMESTONE	F	0.2	4.5	5.1	13.3
ME0101796	LINCOLN	F	1.07	409	1706	3431
ME0002003	LINCOLN PAPER AND TISSUE	F	16.3	27.8	113	226.2
ME0100307	LISBON	F	2.025	83.7	638	1384
ME0100315	LIVERMORE FALLS	F	2	136.2	542	1034
ME0090174	LORING	F	1.25	14.4	15.5	44.4
ME0102016	LUBEC	S	0.166	1900	4700	14100
ME0100323	MACHIAS	S	0.37	12.9	106	315
ME0101681	MADAWASKA	F	0.6	302	1241	4953
ME0101729	MAINE CORRECTIONAL CENTER	F	0.077	557	2226	4769
ME0020427	MAINE ELECTRONICS	F	0.072	9.6	41.4	122.2
ME0101079	MARS HILL	F	1	113.5	113.5	113.5
ME0000256	MASON STATION LLC	S	0.212	26	383	1149
ME0102245	MATTAWAMKEAG	F	0.027	13788	64402	135939
ME0036218	MCCAIN PROCESSING INC.	F	4	24.9	29.1	85.4
ME0100391	MECHANIC FALLS	F	0.49	21.2	43.9	137.5
ME0100404	MILBRIDGE	S	0.05			
ME0100803	MILLINOCKET	F	2.33	139.7	617	657
ME0100439	MILO	F	0.39	8.7	46.9	138.7
ME0101346	MT. DESERT NORTHEAST HARBOR	S	0.33	11.7	72.5	217.5
ME0102555	MT. DESERT SEAL HARBOR	S	0.25	10	91	273
ME0102547	MT. DESERT SOMESVILLE	S	0.08	21	300	900
ME0001856	NATIONAL STARCH	F	0.12	49.7	73.9	219.6
ME0100447	NEWPORT	F	0.524	5.2	10.1	61.8
ME0102334	NORRIDGEWOCK	F	0.193	1609	7892	13237
ME0101885	NORTH BERWICK	F	0.5	5.8	20	20

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ME0101907	NORTH HAVEN	S	0.04	56	340	1020
ME0101061	NORTH JAY	F	0.06	17.5	20.4	59.2
ME0100901	NORTHPORT VILLAGE CORP.	S	0.04			
ME0100455	NORWAY	F	0.975	21.6	21.6	66.6
ME0100463	OAKLAND	F	0.48	6	21.2	61.6
ME0100986	OGUNQUIT	S	1.28	50	102	306
ME0101524	OLD ORCHARD BEACH	S	3.5	68	75	225
ME0100471	OLD TOWN	F	1.7	960	1064	3196.6
ME0100498	ORONO	F	1.84	253	1117	3090
ME0002381	OSRAM SYLVANIA	S	0.086	50	50	150
ME0100951	PARIS	F	0.65	3.98	4.98	42.6
ME0023230	PENOBSCOT ENERGY REC. CO.	F	0.0225	23386	110033	261463
ME0023043	PENOBSCOT FROZEN FOODS	S	0.1	15	151	453
ME0000540	PIONEER PLASTICS	F	1.34	2.8	14.5	43.5
ME0100528	PITTSFIELD	F	1.5	7	13.4	82.8
ME0022861	PRATT & WHITNEY	F	0.05	29	34	100
ME0100561	PRESQUE ISLE	F	2.31	42.3	49.5	146.6
ME0100242	PWD GORHAM (LITTLE FALLS)	F	0.04	1072	4283	9180
ME0102237	PWD PEAKS ISLAND	S	0.2	81	180	540
ME0102075	PWD PORTLAND	S	19.8	23	49	147
ME0100587	RICHMOND	F	0.3	1138	5517	12834
ME0002526	ROBINSON MANUFACTURING	F	0.5	27.9	33.3	33.3
ME0100595	ROCKLAND	S	3.3	6.5	73	219
ME0002054	RUMFORD PAPER COMPANY	F	34	31.6	31.6	54.4
ME0100552	RUMFORD/MEXICO	F	2.65	102.4	407	699
ME0101486	RUMFORD/MEXICO (RUMFORD POINT)	F	0.019	14146	56579	95092
ME0101842	SABATTUS	F	0.12	14.5	14.5	41.4
ME0101117	SACO	S	4.2	7	17.5	52.5
ME0100617	SANFORD	F	4.4	3.94	3.94	5.4
ME0102059	SCARBOROUGH	S	2.5	120	630	1890
ME0002321	SD WARREN	F	15	12.1	12.1	22
ME0021521	SD WARREN (K)	F	46.5	27.1	33.2	56
ME0102377	SEA MEADOWS	S	0.012			
ME0101966	SEARSPORT	S	0.2	54	188	564
ME0100625	SKOWHEGAN	F	1.65	189.3	925.2	1561
ME0102351	SKOWHEGAN (RIVER ROAD)	F	0.019	16357	80258	135506
ME0102130	SORRENTO	S	0.003			
ME0100820	SOUTH BERWICK	F	0.567	8.1	34.2	100.5
ME0100633	SOUTH PORTLAND	S	9.3	6	10	30
ME0100641	SOUTHWEST HARBOR	S	0.375	11.8	30	90
ME0100609	ST. AGATHA	F	0.06	3230	13468	40402
ME0101851	STONINGTON	S	0.175	80	350	1050
ME0100668	THOMASTON	S	0.9	109	219	657
ME0000736	TOGUS	F	0.14	5	5.7	15.2
ME0090026	U.S. NAVAL COMM. STA. (CUTLER)	S				
ME0101150	UNITY	F	0.5	25.8	100	100
ME0023302	UNIVERSITY OF NEW ENGLAND	S	0.1	10	100	300
ME0100684	VAN BUREN	F	0.56	418	1720	6317
ME0102661	VASSALBORO (CEMETARY RD.)	F	0.029	13.8	52.3	155

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ME0100692	VASSALBORO (E. VASSALBORO)	F	0.025	15.9	60.5	179.4
ME0102652	VASSALBORO (N. MAIN ST.)	F	0.025	15.9	60.5	179.4
ME0100706	VEAZIE	F	0.35	1327	5880	16272
ME0102491	VINALHAVEN	S	0.129	56	225	675
ME0102253	WARREN	S	0.2442	94	591	1773
ME0101028	WASHBURN	F	0.283	141	335	1003
ME0100790	WELLS	S	2	36	46	138
ME0100846	WESTBROOK	F	4.54	36.6	36.6	73.8
ME0102181	WHITNEYVILLE (CANAL ST.)	F	0.006	704	6206	18617
ME0102687	WHITNEYVILLE (SCHOOL ST.)	F	0.0021	2094	18470	54407
ME0101915	WILTON	F	0.45	11.8	11.8	33.3
ME0100731	WINTER HARBOR	S	0.125	26	160	480
ME0090051	WINTER HARBOR NAVAL GROUP ACT.	S				
ME0100749	WINTERPORT	S	0.11	66	717	2151
ME0100757	WISCASSET	S	0.62	27	45	90
ME0100765	YARMOUTH	S	1.31	3	8	23
ME0101222	YORK	S	3	18	18	54