

Site-Specific Effluent Limitations

Description. This appendix presents the site-specific limitations for facilities that EPA anticipates applying for coverage under the Potable Water Treatment Facility General Permit (PWTF GP). These limitations were developed using procedures outlined in Appendix I of the PWTF GP along with information from previous applications for coverage (e.g., NOIs) and dilution information provided by MassDEP and NHDES. These limitations are tentative and subject to change given relevant information in the Facility's renewed NOI. Final limitations will be provided in the authorization to discharge letter for a given facility. A " symbol indicates the value in the cell is the same as the value in the cell above it. All limits are expressed as µg/L unless indicated otherwise, e.g., percentages for LC-50s and C-NOECs.

NPDES Permit No.	Outfall	Pollutant	Maximum Daily	Average Monthly	Dilution Factor
MAG640001	All	Total Aluminum	299	169	1
MAG640002	All	LC-50	---	100%	---
"	All	C-NOEC	---	100%	1
MAG640003	All	Total Residual Chlorine	110	190	10
"	All	C-NOEC	---	10%	10
MAG640004	All	Total Residual Chlorine	14	24	1.24
"	All	C-NOEC	---	80%	1.24
MAG640005	All	Total Residual Chlorine	13	22	1.16
"	All	C-NOEC	---	86%	1.16
MAG640006	All	Total Residual Chlorine	12	21	1.11
"	All	C-NOEC	---	90%	1.11
MAG640007	All	C-NOEC	---	100%	1
MAG640008	All	Total Residual Chlorine	11	19	1
"	All	LC-50	---	100%	---
"	All	C-NOEC	---	100%	1
MAG640009	All	Total Residual Chlorine	11	19	1
"	All	C-NOEC	---	100%	1
MAG640010	All	Total Residual Chlorine	110	190	10
MAG640012	All	Total Residual Chlorine	11	19	1
MAG640014	All	C-NOEC	---	99%	1.01
MAG640015	All	C-NOEC	---	100%	1
MAG640016	All	Total Residual Chlorine	13	22	1.17
"	All	Total Aluminum	430	234	1.17
"	All	C-NOEC	---	85%	1.17
MAG640017	All	Total Residual Chlorine	12	20	1.07
"	All	C-NOEC	---	93%	1.07
MAG640019	001, 002	Total Residual Chlorine	11	19	1
"	001, 002	Total Aluminum	978	380	1
"	001, 002	C-NOEC	---	100%	1
MAG640020	All	Total Residual Chlorine	11	19	1
"	All	Total Aluminum	932	396	1
"	001, 002	C-NOEC	---	100%	1
MAG640022	All	C-NOEC	---	100%	1
MAG640024	All	Total Residual Chlorine	11	19	1
"	All	Total Aluminum	932	396	1
MAG640025	All	Total Residual Chlorine	12	20	1.05
MAG640028	001, 002	Total Residual Chlorine	110	190	10
"	001, 002	C-NOEC	---	10%	10
MAG640029	All	Total Residual Chlorine	110	190	10
MAG640030	All	Total Residual Chlorine	110	190	10
"	All	C-NOEC	---	10%	10

NPDES Permit No.	Outfall	Pollutant	Maximum Daily	Average Monthly	Dilution Factor
MAG640031	All	Total Residual Chlorine	110	190	10
"	All	Total Aluminum	978	380	1
MAG640032	All	Total Residual Chlorine	110	190	10
"	All	Total Aluminum	9114	3134	10
"	All	C-NOEC	---	10%	10
MAG640033	All	Total Residual Chlorine	110	190	10
MAG640034	All	Total Residual Chlorine	110	190	10
"	All	C-NOEC	---	10%	10
MAG640035	All	Total Residual Chlorine	11	19	1
MAG640037	All	Total Residual Chlorine	110	190	10
"	All	C-NOEC	---	10%	10
MAG640039	All	Total Residual Chlorine	11	19	1
"	All	Total Aluminum	368	200	1
MAG640040	All	Total Residual Chlorine	110	190	10
"	All	C-NOEC	---	10%	10
MAG640041	All	Total Residual Chlorine	110	190	10
"	All	C-NOEC	---	10%	10
MAG640043	All	Total Aluminum	1200	460	1
MAG640044	All	Total Residual Chlorine	11	19	1
MAG640045	All	Total Residual Chlorine	110	190	10
"	All	LC-50	---	100%	---
"	All	C-NOEC	---	100%	1
MAG640046	All	Total Residual Chlorine	11	19	1
"	All	C-NOEC	---	100%	1
MAG640047	All	Total Residual Chlorine	11	19	1
"	All	Total Aluminum	347	190	15.4
"	All	C-NOEC	---	100%	1
MAG640048	All	Total Residual Chlorine	13	22	1.15
"	All	C-NOEC	---	86%	1.15
MAG640049	All	Total Residual Chlorine	110	190	10
"	All	LC-50	---	100%	---
"	All	C-NOEC	---	100%	1
MAG640050	All	Total Residual Chlorine	11	19	1
MAG640051	All	Total Residual Chlorine	110	190	10
"	All	C-NOEC	---	10%	10
MAG640052	All	Total Residual Chlorine	110	190	10
"	All	C-NOEC	---	10%	10
MAG640054	All	Total Residual Chlorine	11	19	1
"	All	LC-50	---	100%	---
"	All	C-NOEC	---	100%	1
MAG640055	All	Total Residual Chlorine	1,000	1,000	478
"	All	Total Aluminum	460	249	478
MAG640056	All	Total Residual Chlorine	11	19	1
"	All	C-NOEC	---	100%	1
MAG640057	All	Total Residual Chlorine	13	22	1.18
"	All	C-NOEC	---	84%	1.18
MAG640058	All	Total Residual Chlorine	110	190	10
"	All	Total Aluminum	30940	13849	81
"	All	C-NOEC	---	10%	10
MAG640059	All	Total Residual Chlorine	110	190	10
"	All	C-NOEC	---	10%	10

NPDES Permit No.	Outfall	Pollutant	Maximum Daily	Average Monthly	Dilution Factor
MAG640066	All	Total Residual Chlorine	11	19	1
"	All	C-NOEC	---	100%	1
MAG640067	All	Total Residual Chlorine	20	34	1.78
"	All	Total Aluminum	347	190	1.78
"	All	LC-50	---	100%	---
"	All	C-NOEC	---	56%	1.78
MAG640069	All	Total Residual Chlorine	110	190	10
"	All	Total Aluminum	1440	912	4.8
MAG640070	All	Total Residual Chlorine	110	190	10
MAG640072	All	Total Residual Chlorine	11	19	1
"	All	C-NOEC	---	100%	1
MAG640074	All	Total Residual Chlorine	110	190	10
"	All	C-NOEC	---	10%	10
MAG640075	All	Total Residual Chlorine	110	190	10
"	All	Total Aluminum	9400	3940	10
"	All	C-NOEC	---	10%	10
MAG640076	All	Total Residual Chlorine	11	19	1
MAG640078	All	Total Residual Chlorine	110	190	10
MAG640079	All	Total Residual Chlorine	110	190	10
"	All	Total Aluminum	9320	3960	10
"	All	C-NOEC	---	10%	10
MAG640080	001, 002	Total Aluminum	978	380	1
"	001, 002	C-NOEC	---	100%	1
MAG640082	All	Total Residual Chlorine	110	190	10
"	All	C-NOEC	---	10%	10
MAG640084	All	Total Residual Chlorine	110	190	10
MAG640085	All	Total Residual Chlorine	11	19	1
"	All	C-NOEC	---	100%	1
MAG640086	All	Total Residual Chlorine	11	19	1
"	All	C-NOEC	---	100%	1
NHG640008	All	Total Residual Chlorine	11	19	1
NHG640011	001	Total Residual Chlorine	3366	5814	306
"	002	Total Residual Chlorine	275	475	25
NHG640012	All	Total Residual Chlorine	11	19	1