

Table VII-11a. Technology Usage for CWS Surface Water Plants - Percent Change From Stage 1 to Stage 2 Compliance

System Size (Population Served)	Converting to CLM Only	Advanced Technologies														Total Converting to CLM	Total Adding Technology
		Chlorine Dioxide	UV	Ozone	MF/UF	GAC10	GAC10 + Advanced Disinfectants	GAC20	GAC20 + Advanced Disinfectants	Membranes							
A	B	C	D	E	F	G	H	I	J	K	L = SUM(A-J)						
≤100	0.8% 4		3.1% 14		0.0% 0				0.0% 0	0.6% 3	0.0% 0	3.0% 14	4.4% 21				
101-500	2.1% 17	0.0% 0	0.4% 3	0.0% 0	0.0% 0				0.0% 0	0.7% 6	0.0% 0	3.6% 29	3.3% 26				
501-1,000	11	0	2	0	0				0	4	0	18	17				
1,001 - 3,300	2.5% 27	0.0% 0	0.5% 5	0.0% 0	0.0% 0				0.0% 0	0.7% 8	0.0% 0	4.0% 45	3.7% 41				
3,301-10,000	30	0	6	0	0					9	0	49	45				
10,001-50,000	3.6% 46	0.4% 5	0.7% 9	0.0% 0	0.0% 0	0.0% 0	0.7% 9	0.4% 5	0.0% 0	0.0% 0	0.0% 0	5.1% 66	5.8% 75				
50,001-100,000	19	2	4	0	0	0	4	2	0	0	0	28	31				
100,001-1 Million	3.6% 21	0.4% 2	0.7% 4	0.0% 0	0.0% 0	0.0% 0	0.7% 4	0.4% 2	0.0% 0	0.0% 0	0.0% 0	5.1% 29	5.8% 33				
> 1 Million	3	0	1	0	0	0	1	0	0	0	0	4	4				
Total %, Plants	2.7% 178	0.1% 9	0.7% 49	0.0% 0	0.0% 0	0.0% 0	0.3% 18	0.1% 9	0.4% 29	0.0% 0	0.0% 0	4.3% 282	4.5% 293				

Note: Detail may not add due to independent rounding (some plant results are rounded to zero if less than 0.5 plants).

Source : Economic Analysis (USEPA 2003i) Exhibit 6.14a

Table VII-11b. Technology Usage for NTNCWS Surface Water Plants - Percent Change From Stage 1 to Stage 2 Compliance

System Size (Population Served)	Converting to CLM Only	Advanced Technologies														Total Converting to CLM	Total Adding Technology
		Chlorine Dioxide	UV	Ozone	MF/UF	GAC10	GAC10 + Advanced Disinfectants	GAC20	GAC20 + Advanced Disinfectants	Membranes							
A	B	C	D	E	F	G	H	I	J	K	L = SUM(A-J)						
≤100	0.8% 2		3.1% 9		0.0% 0			0.0% 0		0.6% 2	0.0% 0	3.0% 9	4.4% 13				
101-500	2.1% 6	0.0% 0	0.4% 1	0.0% 0	0.0% 0			0.0% 0	0.7% 2	0.0% 0	3.6% 11	3.3% 10					
501-1,000	2	0	0	0	0			0	1	0	4	4					
1,001 - 3,300	2.5% 2	0.0% 0	0.5% 0	0.0% 0	0.0% 0			0.0% 0	0.7% 1	0.0% 0	4.0% 3	3.7% 3					
3,301-10,000	1	0	0	0	0			0	0	0	1	1					
10,001-50,000	3.6% 0	0.4% 0	0.7% 0	0.0% 0	0.0% 0	0.0% 0	0.7% 0	0.4% 0	0.0% 0	0.0% 0	5.1% 0	5.8% 1					
50,001-100,000	0	0	0	0	0	0	0	0	0	0	0	0					
100,001-1 Million	3.6% 0	0.4% 0	0.7% 0	0.0% 0	0.0% 0	0.0% 0	0.7% 0	0.4% 0	0.0% 0	0.0% 0	5.1% 0	5.8% 0					
> 1 Million	0	0	0	0	0	0	0	0	0	0	0	0					
Total %, Plants	1.7% 14	0.0% 0	1.4% 11	0.0% 0	0.0% 0	0.0% 0	0.0% 0	0.0% 0	0.7% 5	0.0% 0	3.5% 28	3.8% 31					

Note: Detail may not add due to independent rounding (some plant results are rounded to zero if less than 0.5 plants).

Source : Economic Analysis (USEPA 2003i) Exhibit 6.14b