

PARTICLE ANALYSIS REPORT

Pennsylvania Pharmaceutical Facility | Source: CT Basin Water

Test Method: Sample analyzed by electro-optical particle analyzer employing the light scattering principle of operation with filtered water and particle data corrected Stirring was continuous.

Baseline - Prior to RECLEAN PRO System			After 3 months with RECLEAN PRO System		
PARTICLE COUNTS PER 100mL TEST PORTION			PARTICLE COUNTS PER 100mL TEST PORTION		
1 - 3 micron:	8,352,320		1 - 3 micron:	835,508	
3 - 5 micron:	1,568,520		3 - 5 micron:	23,090	
5- 10 micron:	1,708,520		5 - 10 micron:	48,440	
10 - 15 micron:	572,480		10- 15 micron:	18,706	
15-25 micron:	776,640		15-25 micron:	6,570	
Over 25 micron:	431.680		Over 25 micron:	5,648	
TOTAL/100mL:	13,410,160		TOTAL/100mL:	937,962	
SOLIDS PER 100 LITERS OF SYSTEM VOLUME (mm3)			SOLIDS PER 100 LITERS OF SYSTEM VOLUME (mm3)		
1-5 micron:	167.20		1 -5 micron:	8.16	
5- 10 micron:	721.00		5 - 10 micron:	20.44	
Over 10 micron:	295.516.85		Over 10 micron:	3.839.93	
TOTAL/100 Liters:	296,405.05	2,964 ppm	TOTAL/100 Liters:	3,868.53	39 ppm

PARTICLE ANALYSIS REPORT

Pennsylvania Pharmaceutical Facility | Test conducted in a pharmaceutical facility
800-ton process chiller/cooling tower system with a 3,000 gallon capacity

Test Method: Sample analyzed by electro-optical particle analyzer employing the light scattering principle of operation with filtered water and particle data corrected

Baseline - Prior to RECLEAN PRO System			After 3 months with RECLEAN PRO System		
PARTICLE COUNTS PER 100mL TEST PORTION			PARTICLE COUNTS PER 100mL TEST PORTION		
1 - 3 micron:	1,309,584		1 -3 micron:	159,706	
3 - 5 micron:	101,488		3 - 5 micron:	25,626	
5 - 10 micron:	63,808		5 - 10 micron:	13,422	
10-15micron:	11,952		10 - 15 micron:	1,992	
15 - 25 micron:	13,056		15-25 micron:	2,182	
Over 25 micron:	22.720		Over 25 micron:	1,306	
TOTAL/100mL:	1,522,608		TOTAL/100mL:	204,234	
SOLIDS PER 100 LITERS OF SYSTEM VOLUME (mm3)					
TOTAL/100 Liters:	BEFORE:	15,371 (154 ppm)	TOTAL/100 Liters:	AFTER:	901 (9 ppm)

NOTE: Typical sand filter for this application would use 300 gallons per backwash.
 RECLEAN PRO filter backwash water used: 0