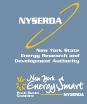


Focus on Municipal Water and Wastewater



NYSERDA Focus SMALL WATER TREATMENT PLANT CHECKLIST (If any are not applicable, do not provide a response for that particular question)

(1) any are not applicable, ao not provide a response for that particular question)	YES NO	Additional comments and information
1. LOW-LIFT PUMPS	IES NO	Additional comments and information
A. Do you have low-lift pumps?		
B. If yes, do you have variable speed control on the pumps?		1
C. If yes, are your low-lift pumps equipped with premium efficiency motors?		1
Subtotal Grayed		
2. HIGH-LIFT PUMPS		1
A. Do you have high-lift pumps?		-
B. If yes, do you currently operate your high-lift pumps mainly during		
off-peak hours?		1
C. If yes, do you utilize in-system storage as a way to minimize pumping		
during peak hours? D. If yes, do you have variable speed control on the pumps?		1
E. If yes, are your high-lift pumps equipped with premium efficiency motors?		1
Subtotal Grayed		
Subtotal Grayet		
3. FLOCCULATION/COAGULATION		
A. Do you currently have mixers?		
B. If yes, do you currently have 2-speed motors or VFDs on your mixers?		4
C. If yes, are mixers currently equipped with premium efficiency motors?		
Subtotal Grayed		
4. FILTRATION/ DISSOLVED AIR FLOTATION		
A. Do you have filter backwash pumps?		
B. If yes, do you backwash filters based on filter head loss and/or effluent		1
water quality (i.e., turbidity, particle counts, etc.)		
C. If yes, do you utlize elevated backwash water storage tanks to minimize]
backwash pumping?]
D. If yes, are your backwash pumps equipped with premium efficiency motors?]
E. Do you use dissolved air flotation for solids separation?		_
F. If yes, are there premium efficiency motors installed on the blowers/compressors?		
Subtotal Grayed		
5. DISINFECTION		
A. Do you currently use an ultraviolet disinfection system?		
B. If yes, does the UV system utilize low-pressure, high-output lamps?		1
C. If yes, is system currently operated via flow-pacing and/or dosing setpoint?		
D. Does your plant currently use ozone as a disinfectant?		
Subtotal Grayed		
6. RESIDUALS MANAGEMENT		1
A. Does your plant currently haul residuals to another location for processing? B. Are your residuals currently used as part of a beneficial reuse program?		1
C. Do you utilize centrifuges for dewatering residuals?		1
Subtotal Grayed		
7. OTHER IMPROVEMENTS		1
A. Has your plant undergone any energy improvement projects in the last 5 years?		-
B. If yes, has any of these projects involved switching to more efficient lighting?		4
C. If yes, has any of these projects involved load shedding and/or off-peak		
load shifting?		1
D. If yes, has any of these projects involved installation of new or improved		
HVAC equipment?		4
E. Is plant or will plant be undergoing capacity expansion and/or any other		
upgrade projects within next 2 years?		1
F. If yes, are energy conservation measures included within the improvements? Subtotal Grayed		
Subtotal Grayeu		(Attach additional pages for comments as needed)

TOTAL GRAYED