

6. DISINFECTION

- A. Do you currently use an ultraviolet disinfection system?
- B. If yes, does the UV system utilize low-pressure, high-output lamps?
- C. If yes, is system currently operated via flow-pacing and/or dosing setpoint based on water quality?

Subtotal Grayed

7. SLUDGE PUMPING

- A. Do you process sludge on an intermittent (less than 24 hours per day) basis?
- B. If yes, do you currently process sludge during off-peak hours?
- C. Do you currently have any equalization capacity within your existing sludge handling process?
- D. If no, do you have variable speed capability on your sludge transfer pumps?

Subtotal Grayed

8. SLUDGE STABILIZATION

- A. Does your plant utilize aerobic digestion?
- B. If yes, has there been any discussion of switching to anaerobic digestion and/or other stabilization method (i.e., lime stabilization)?
- C. Do you currently have the capability to produce biogas (methane) from anaerobic digestion processes?
- D. If yes, is biogas currently flared and/or vented?
- E. If yes, is biogas currently being used for thermal or electrical power generation?
- F. Does your plant currently accept hauled waste at the headworks to the plant?
- G. If yes, is there equalization to allow hauled wastes to be introduced gradually or during low loading periods?

Subtotal Grayed

9. SLUDGE THICKENING AND DEWATERING

- A. Does your thickening and/or dewatering equipment run intermittently (less than 24 hours per day on average)?
- B. Do you use centrifuges for thickening, dewatering, or both?
- C. Do you currently use sludge drying beds for dewatering?
- D. Does your plant currently haul sludge to another location for processing?
- E. Does your plant use incineration for sludge stabilization/disposal?

Subtotal Grayed

10. OTHER

- 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?
- C. If yes, has any of these projects involved load shedding and/or off-peak load shifting?
- D. If yes, has any of these projects involved installation of new or improved HVAC equipment?
- E. Is plant or will plant be undergoing capacity expansion to comply with Part 750?
- F. If yes, are energy conservation measures included within the capacity improvements?

If energy improvement projects are related to processes included in items 1 through 9, please include a note indicating such in the additional comments and information area adjacent to the process.

Subtotal Grayed

(Attach additional pages for comments as needed)

TOTAL GRAYED

If more than 5 responses are in the gray areas, the potential for energy savings exist. Please contact water@nysrerda.org for additional information on available programs for energy conservation at wastewater treatment facilities.