þ	RIÇ	IOWA DEPARTMENT OF NATURAL RESOURCES WATER SUPPLY ENGINEERING SECTION CONSTRUCTION PERMIT APPLICATION SCHEDULE-8, Aeration	
	Prepared Revised	Project Name/Description	
1.	If the aerator i	designed to remove any of the following gases, give the concentration of gas in the raw water:	
	a. Carbon diox	de: mg/L	
	b. Hydrogen si	fide: mg/L	
	c. Other	(contaminant) mg/L	
		(contaminant) mg/L	
2.	If the aerator i	being provided for the removal of VOC contamination, what is its gas transfer efficiency?	
3.	What provision	s have been made for aerator bypass?	
4.	What provision	s have been made for influent and effluent sampling?	
5.	If natural, forc	d, or induced aerators are provided: 🗌 N/A	
	a. Capacity:	gpm	
	b. Number of s	blash trays:	
	c. Tray separat	on distance: inches	
	d. Total tray a	ea: square feet	
	e. Tray loading	rate: gpm/ft <sup>2</sup>	
6.	If pressure aer	tion is provided: 🗌 N/A	
	a. Capacity:	gpm	
	b. Has a pilot p	ant study been conducted to verify that a pressure aerator will perform satisfactorily? 🗌 Yes 🔲 No	
	c. How is mixing of the compressed air and water provided?		
	d. What type o	screen or filter is provided for the intake of the air compressor?	
	e. Air compres	or capacity: cfm	
7.	If spray aeration	n nozzles are provided: 🛛 N/A	
	a. Capacity:	gpm	
	b. Type:		
	c. Number of r	ozzles:	
	d. Spacing of n		
8.			
	Spec. Page No		