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Iowa Department of Natural Resources Wastewater Section Construction Permit Application SCHEDULE M, Fixed Film Reactor- Stationary Media

Permit No.

Date Prepared			Project Identity	,								
Date Revised												
Dai		д										
1. Design Loadings: (waste entering reactor unit operations)							W	AWW	MWW	PHWW		
	_	_	-		Flow, I		<u> </u>					
Design Temp: °F												
						·						
						mg/l	·					
								and preceeds:				
3. L	Jesign da	ta: First si	tage:		1		Se	cond stage:				
						Unit 1		Unit 2		Unit 3		
	Specify	whether r	new or existing									
	Classification											
	Dimensions											
	Surface Area (ft ²)											
	Media I	Depth (ft)										
	Media \	/olume (1	,000 ft ³)									
		_	А. Туре									
	Media	B. Size										
			C. Grading									
	Type of Distributor											
	Activated by											
	BOD Loading (#/D/1,000 ft ³)											
	Hydraulic Loading (gpm/ft ²)											
	А. Туре											
Underdrainage B. Slope												
	C. Min Channel Velocity											
	Recircu	lation Rati	0									
4. 1	vethod o	f reactor f	looding:									
5. \	/entilatio	n provisio	ns:									
6.1	Type of co	over provid	ded:									
7. I	s service	bypass pro	ovided?	res 🗌 No	D Dis	scharge to:						
8.						Recirculatio	n Pumps					
	Pump		_ocation Typ		Capacity	Capacity	TDH (ft)		Dicch			
	No.	No.	cation Type	ie	(GPM)	Rated	Computed	Discharged To				
	1											
	2											
	3											
	4											