

## IOWA DEPARTMENT OF NATURAL RESOURCES WATER SUPPLY ENGINEERING SECTION

## **CONSTRUCTION PERMIT APPLICATION**

SCHEDULE-16c, Filtration and Mechanical

				1		
			Average	Maximum		
	Flow to Unit (gpd)					
	Suspended Solids to U	Jnit (lbs/day)				
Wastewater	Wastewater Sand Filters or Sludge Drying Beds: N/A			2		
a. Number of		=	e area:		2	
b. Number of sludge drying beds:					ft²	
	water depth over media: _					
d. Method of freeze protection:						
e. Type of unit underdrain:						
f. Type of effluent flow measurement:						
•				Spec. Pa	age No.:	
Wastewater	Sand Filters: N/A	1				
	Media Data	Layer 1	Layer 2	Layer 3	Layer 4	
Type of						
Depth (in		_				
	e size (mm)	_				
Unitorn	nity Coefficient					
Mechanical o	lewatering: N/A					
a. Type of de	watering unit:					
•	study on the water plant w			Yes	_	
-	a copy of the pilot plant stu t results from similar types o		ttach justification fo	or not conducting	a pilot plant study,	
			Unit #	: 2	Unit # 3	
_	)ata		0	_	011110111111111111111111111111111111111	
Design [	oata (lbs. solids/hour)	1 0				

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