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Iowa Department of Natural Resources Wastewater Section Construction Permit Application SCHEDULE E, Wastewater Pump Station

DNR USE ONLY Project No.

Permit No.

Date F	Prepared		Project Iden	itity						
_ <u></u>										
Date F	Revised	ļ								
		<u> </u>								
1. Des	ign Basis				Initial		Design Year	· ()		
	-		rvice Area			Acres	-	Acres		
	Ρορι	ulation				Persons	-	Persons		
	PHD	W Flow	v			MGD		MGD		
	Industri	al Serv	vice Area			Acres		Acres		
	PHD	W Flow	V			MGD		MGD		
	Other					Acres		Acres		
		W Flow				MGD		MGD		
		-	nfiltration			MGD		MGD		
	Peak Ho	-				MGD		MGD		
	Total PH					MGD		MGD		
	Total PH					MGD		MGD		
2. Pro	vide pum	p infor	mation	T	1		·		· • •	<u> </u>
	Pump		Туре	Opening	НР	Capacity	TDH		Operati	
	No.	──		(in)	 	(GPM)	Computed	Rated	On	Off
1	1	──		───┤	───		 			├ ────┤
	2	├		 		+	+		+	┨───────────────────────────────
	3 4	├		├ ────┤		+	+		+	├
1	 5	 		++		+				<u> </u>
	Sump	├		++	<u> </u>	+				┼────┤
		nps spr	ecified as beir	ng capable of	f passing thr	ree-inch diamet	ter spheres?	Yes 🗌 N	1 10	L1
						est pump out o		☐ Yes ☐ N		
3. We	t-well effe	-			-	aximum retenti		tial flow	_ mir	nutes
							Desi	ign flow	mir	nutes
4. Is fo	orced air v	ventilat	tion specified	? 🗌 Yes	🗌 No					
	Continu	ious:	Wet-well		Dry-well			et-well	Dry-well	
			Dry-well		Air changes/ł		Dry	y-well	Air chan	ges/hour
		•	of materials s	•						
5. For		-	rofile of force	-				-		
			in Len	gth	ft@	etention time a		flow	hours	
Pipe material Joint										
Minimum coverft Minimum velocityfps Number of high points										
Are air relief valves provided? Yes No Number of thrust blocks provided										
At location(s) Is pressure test specified? Yes No Does installation conform to AWWA C600? Yes No										
1	lf no, ex		t specifica.			Jes instanation		W WA 2000.		NO
6. Are			on the suction	on & discharr	e lines?	Yes No				
6. Are valves provided on the suction & discharge lines? Yes No Type: Discharge Suction										
7. Is an alarm system provided? Yes No Type										
Indicate where audio/visual warning signals will be located										
8. Me	thod of pu	ump cc	ontrol							
9. Are	the pump	ps prot	tected from cl	logging?	Yes 🗌 N	lo Method c	of cleaning			
Method of pump removal Are lifting hook/arms provided? Yes No										
10. Are permanent emergency piping bypass connections provided?										
		-	icy power sup			No				
				-		ment, piping, by	··			
11. ls						Yes Yes				
	Elevatio	on of 10	00 year flood			Elevation of	f 25 year flood(_IVISL)		