lue	V 9-8-0	6				
VARIANCE REQUEST Iowa Department of Natural Resources						
1.	Date: May 12, 1998	}	13.	Decision:		
2.	Review Engineer:	Mike Hameed		Date: 5113/98		
3.	Date Received: April					
4.	County Number:	25	14.	Appeal:		
5.	Facility Name: Wauk			Date:		
6.	Program Area: CP (Wastewater)					
7. 8.	Facility Type: CO5 Subject Area: 389					
9.	Rule Reference:	900-64.2(9)a				
10.	Design Stds Ref:		2.2(9)			
11.	Consulting Engr:					
12.	Variance Rule: 900-6	4.2(9)c				
cfm/10	00 cft.					
16. Consultin	g Engineer's Justifications					
comir requir Resul for D	ludge age in this extended aerating out of the aeration basins will rements set in chapter 67 of the ts of tests conducted for pathog epartments review. The studies wwTP, Western Wayne, IN	l meet the require Iowa Administra ens and vector att were done at Gre	ements of 40 CFR Pa tive code. raction, as per EPA	art 503 or the land application direction, are also submitted		
17. Departme	ent's Justifications					
Biolad side o An ex by the A bro sludge	nmend approval of the variance c system, the extended aeration of the extended aeration process attended aeration process with sl e study done at the Greenville, ad based study done by Wiscon e coming out of the aeration base Part 503.	process being use and usually main udge age above 6 KY WWTP. usin DNR on thirt	ed at this location, op tains the sludge age a 0 days will produce o y of their extended a	above 35 days. quite stable sludge as shown eration plants, found that the		

In addition to a minimum thirty day digestion in the aerobic digester, the sludge will then be further stabilized on reed beds. The reeds bed have capacity to store sludge over one year.

18. Precedents Used		
NONE		
19.	Staff Reviewer: When Hanneed	Date: May 12, 1998
20.	Supervisor: (for Jourgery)	Date: 5/12/98
21.	Authorized by:	Date: 5/13/98
	Built	