AGRICULTURAL DIAGNOSTIC SERVICE LABORATORY

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University of Arkansas, Dept. of Crops, Soils, and Environmental Science

LIQUID MANURE FOR FERTILIZER ANALYSIS (report for AGRI-429)

Name:		***Received in lab:***	***1/10/2019***
Address:		***Report e-mailed:***	***1/17/2019***
City, State, Zip:		Phone #:	
County:	**HOWARD**	Payment Info:	
E-Mail:			

Lab. No.	Mxxxxx	Mxxxxx
Sample No.	1	1
Animal type	swine	
-age/lbs	no info	
Bedding type	none	
Manure type	lagoon liquid	
Sample date	1/07/2019	
Age of manure	no info	
pH	7.9	
Ec(µmhos) 1:2	3270	
% Solids	0.18	

-mg/L on as-is basis-

Total N	361	Total Mg		Water Extractable P	
		Total S			
Total P	44	Total Na			
		Total Fe			
Total K	356	Total Mn			
Total Ca	22	Total Zn			
Total C		Total Cu			
NO3-N		Total B			
NH4-N		Total Al			

-lbs/1000 gal on as-is basis-

N	3.0	Mg		Water Extractable P	
P2O5	0.8	S			
K2O	3.6	Na			
Ca	0.2	Fe			
Carbon		Mn			
NO3-N		Zn			
NH4-N		Cu			
		B			
		Al			

***All analyses performed on as-is basis.

*lbs/1000gal P2O5 = mg/l Total P on "as-is" basis multiplied by 2.29*0.00833

*lbs/1000gal K2O = mg/l Total K on "as-is" basis multiplied by 1.2*0.00833

*Water Extractable P: 1:100 solids to H2O ratio, I hr shake, centrifuged, filtered, acidified, analysis by ICP