

ADEQ

ARKANSAS
Department of Environmental Quality

January 28, 2014

Mr. Jason Henson, Owner
C&H Hog Farms
HC 72 Box 10
Mount Judea, AR 72655

RE: Compliance Inspection/Complain Investigation
AFIN: 51-00164 Permit No.: ARG590001

Dear Mr. Henson:

On January 23, 2014 I performed a compliance inspection of the above referenced facility in accordance with the provisions of the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. Additionally as part of the inspection I reviewed application field 17 in response to a complaint the Department received on January 16, 2014. A copy of the inspection and complaint reports are enclosed for your records.

Please refer to the “Summary of Findings” section of the attached inspection report and provide a written response for each violation that was noted. This response should be mailed to the attention of the Water Division Inspection Branch at the address at the bottom of this letter or e-mailed to Water-Inspection-Report@adeq.state.ar.us. This response should contain documentation describing the course of action taken to correct each item noted. This corrective action should be completed as soon as possible, and the written response with all necessary documentation (i.e. photos) is due by **February 11, 2014**.

If I can be of any assistance, please contact me at bolenbaugh@adeq.state.ar.us or 501-682-0659.

Sincerely,



Jason Bolenbaugh
Inspection Branch Manager
Water Division



ARKANSAS
Department of Environmental Quality

WATER DIVISION INSPECTION REPORT

AFIN: 51-00164	PERMIT #: ARG590001
COUNTY: 51 Newton	PDS #: 075752 MEDIA: WN
GPS LOCATION: LAT: LONG:	
<input type="checkbox"/> Outfall / <input type="checkbox"/> General Area / <input type="checkbox"/> Entrance / <input type="checkbox"/> Sample Point	

FACILITY INFORMATION	INSPECTION INFORMATION
NAME: C&H Hog Farms	DATE(S): 1/23/2014
LOCATION:	ENTRY TIME: 10:45
	EXIT TIME: 13:15
CITY: Mount Judea, AR	INSPECTION TYPE: Compliance Evaluation
RESPONSIBLE OFFICIAL	INSPECTOR ID#: 83321 S - State
CONTACTED DURING INSPECTION: Yes	FACILITY TYPE: 3 - Agricultural
NAME: Jason Henson	PERMIT EFFECTIVE DATE: 8/3/2012
TITLE: Owner	PERMIT EXPIRATION DATE: 10/31/2016
COMPANY: C&H Hog Farms	FACILITY EVALUATION RATING: N
MAILING HC 72 Box 10	FAYETTEVILLE SHALE RELATED: N
ADDRESS:	FAYETTEVILLE SHALE VIOLATIONS: N
CITY, STATE, ZIP: Mount Judea, AR 72655	INSPECTION PARTICIPANTS
PHONE & EXT:	NAME/TITLE/PHONE/FAX/EMAIL/ETC.:
FAX:	Jason Bolenbaugh/Inspection Branch Manager/501-682-0659
EMAIL:	John Bailey/Permits Branch Manager/501-682-0629
OTHER:	Jason Henson/C&H Hog Farms Owner

AREA EVALUATIONS					
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)					
S	PERMIT	N	FLOW MEASUREMENT	N	STORMWATER
S	RECORDS/REPORTS	N	LABORATORY	S	FACILITY SITE REVIEW
M	OPERATION & MAINTENANCE	N	EFFLUENT/RECEIVING WATER	N	SELF-MONITORING PROGRAM
N	SAMPLING	S	SLUDGE HANDLING/DISPOSAL	N	PRETREATMENT
**	OTHER:				

SUMMARY OF FINDINGS

THE ITEMS REFERENCED BELOW IN THIS SECTION REQUIRE A WRITTEN RESPONSE

The holding pond embankments were not stabilized and erosion rills were found within the inside banks of the holding ponds. Stabilization of the embankments needs to occur to 1) prevent sediment from entering the holding ponds which may decrease the capacity of the holding ponds, and 2) ensure the integrity of the holding ponds are maintained. Please see Photographs 1 and 2.

The maps in the Nutrient Management Plan (NMP) do not correctly identify the land application areas. Specifically, there are sections of Fields 12 and 16 that are identified as application areas; however, land use contracts are not available. You did indicate you were aware of the errors and were in the process of generating new land application maps, and those sites were not being applied to. Please provide those updated maps or a date when those will be completed in your response.

Your NMP indicates there are 630.7 available acres to land apply to. However, that includes Field 5 that was previously mentioned in the June 23, 2013 inspection report and has been removed as an application field, as well as Fields 12 and 16 which must be revised. Please revise the NMP to reflect the total acres available for application. The highlighted areas in the attached site maps indicate the approximate areas that are outlined in your NMP as application sites but are ones you do not possess land use contract for.

At the time of the inspection you could not verify the exact number of swine on site that were above 55 lbs. and below 55 lbs. On January 27, 2014 you confirmed there were 2,499 sows (> 55 lbs.) and 700 nursery pigs (< 55 lbs.) on site. Your NMP states there will be no more than 2,500 swine (> 55 lbs.) and 4,000 swine (< 55 lbs.) on site. Please ensure you are maintaining an actual head count at all times so you do not exceed the given number of swine.

GENERAL COMMENTS

THE GENERAL COMMENTS SECTION DOES NOT REQUIRE A RESPONSE

As a reminder, per Part 3.2.4 of your permit your annual report is due to the Department by January 31, 2014.

Per Section B.3.c.4 of your NMP, soil samples for Nitrate-N and Phosphorus shall be taken no less than annually. This differs from Part 4.2.1.3 of your permit. Please ensure you continue to abide by the requirement of your NMP.


At the time you indicated land application is only occurring by use of the vac tanker which coincides with your application records. Per Section M of your NMP, please ensure you only use a vac tanker on fields 1-4 and 10-17, and only use the pipeline/sprinkler system on Fields 5-9. Your NMP will need to be revised if you wish to use both practices to apply on a given field.

A review of your application records indicated a rating of "Fair" for Field 17. When asked, you indicated the field was a "little soft" and this was noticed once you began applying and ruts from the equipment formed. However, you indicated you took appropriate action and immediately ceased application. Please see Photograph 3.

The Holding Pond Level was below Must Pumpdown elevation. The level of Holding Pond 1 was low enough so that waste was not flowing over the spillway.

Mortalities are promptly disposed of in the two incinerators that are on site. Please see Photograph 4.

At the time of the investigation we did not note any violations pertaining to your application practices. You indicated you have implemented more stringent buffer and setback requirements than are documented in the permit.

INSPECTOR'S SIGNATURE:  Jason Bolenbaugh	DATE: 1/28/2014
SUPERVISOR'S SIGNATURE: ←Click text to left to add signature -Supervisor Name	DATE:

Water Division Photographic Evidence Sheet

Location:	C&H Hog Farms				
Photographer:	Jason Bolenbaugh	Date:	1/23/2014	Time:	12:02
Witness:	John Bailey, Jason Henson		Photo #:	1	
Description:	Inside of Holding Pond 2. Note erosion rills and unstabilized banks. Holding Pond Must Pumpdown elevation is indicated in red on the Must Pumpdown gauge.				



Photographer:	Jason Bolenbaugh	Date:	1/23/2014	Time:	12:16
Witness:	John Bailey, Jason Henson		Photo #:	2	
Description:	Inside of Holding Pond 1. Note the unstabilized banks. Waste water is not currently running over the spillway into Holding Pond 2.				



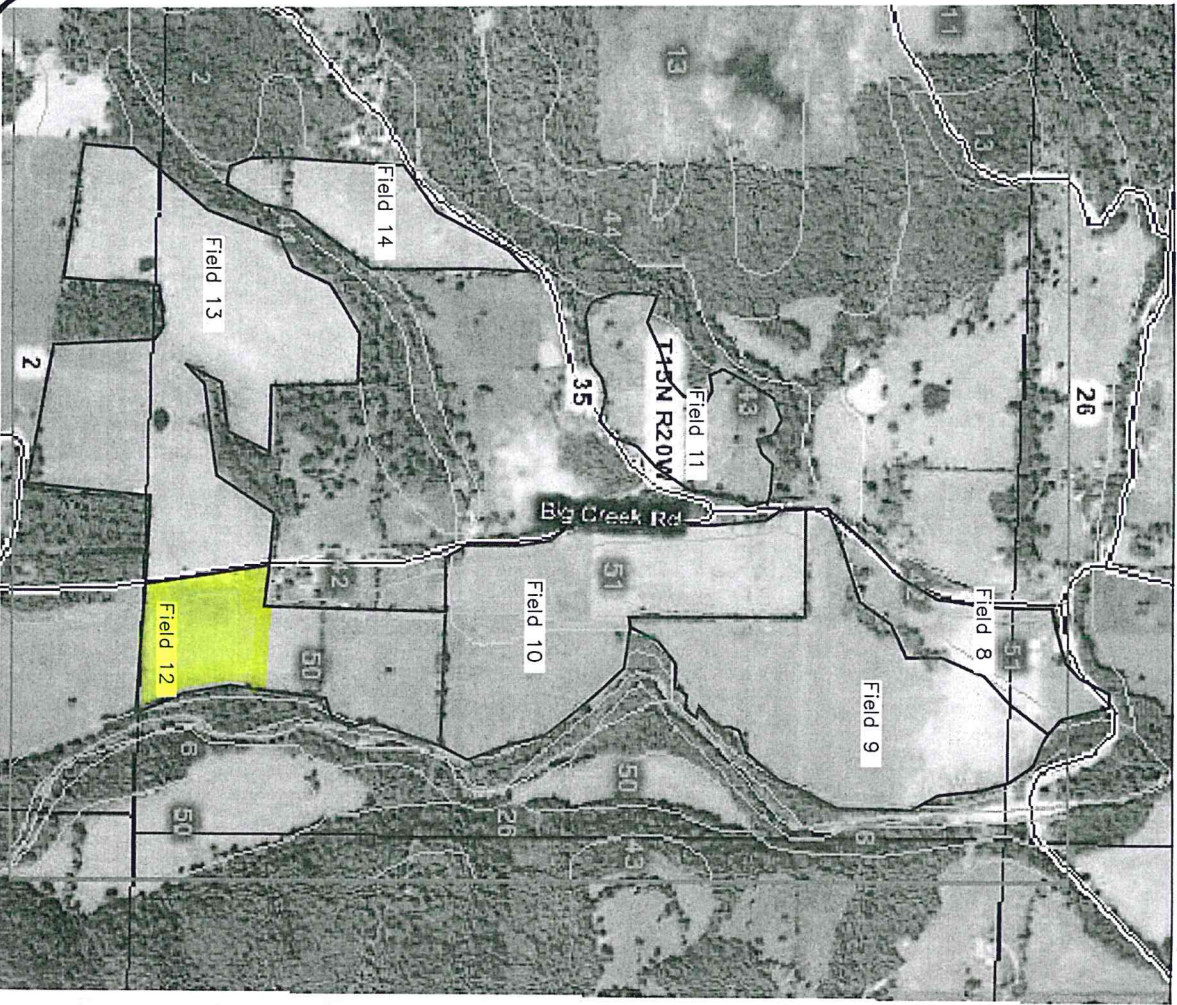
Water Division Photographic Evidence Sheet

Location:	C&H Hog Farms Field 17 Application Site				
Photographer:	Jason Bolenbaugh	Date:	1/23/2014	Time:	12:54
Witness:	John Bailey, Jason Henson			Photo #:	3
Description:	Ruts shown in Field 17. Application ceased once ruts began to show.				



Photographer:	Jason Bolenbaugh	Date:	1/23/2014	Time:	12:07
Witness:	John Bailey, Jason Henson			Photo #:	4
Description:	Incinerators				





- LEGEND**
- 1 Arkona very cherty silt loam, 3 to 8 percent slopes
 - 2 Arkona-Moko complex, 8 to 20 percent slopes
 - 6 Ceda-Kenn complex, frequently flooded
 - 11 Enders gravelly loam, 3 to 8 percent slopes
 - 13 Enders stony loam, 3 to 20 percent slopes
 - 26 Moko-Rock outcrop complex, 15 to 50 percent slopes
 - 35 Nella-Enders stony loams, 8 to 20 percent slopes
 - 37 Nella-Steprock complex, 8 to 20 percent slopes
 - 42 Noark very cherty silt loam, 3 to 8 percent slopes
 - 43 Noark very cherty silt loam, 8 to 20 percent slopes
 - 44 Noark very cherty silt loam, 20 to 40 percent slopes
 - 48 Razort loam, occasionally flooded
 - 50 Spodra loam, occasionally flooded
 - 51 Spodra loam, 2 to 5 percent slopes
 - 54 Water

GENERAL NOTES



No.	Revision/Issue	Date

DeHaan, Grubs & Associates, LLC
 Consulting Engineers
 PO Box 522, Moundville, AL 36554
 (701) 653-1116, FAX: (701) 667-1356
 www.dgpaonline.com

Q&H HOG FARMS
 GESTATION-FARROWING FARM
 SECTION 26, T 16 N, R 20 W
 NEWTON COUNTY, AR
FIELDS 8-15

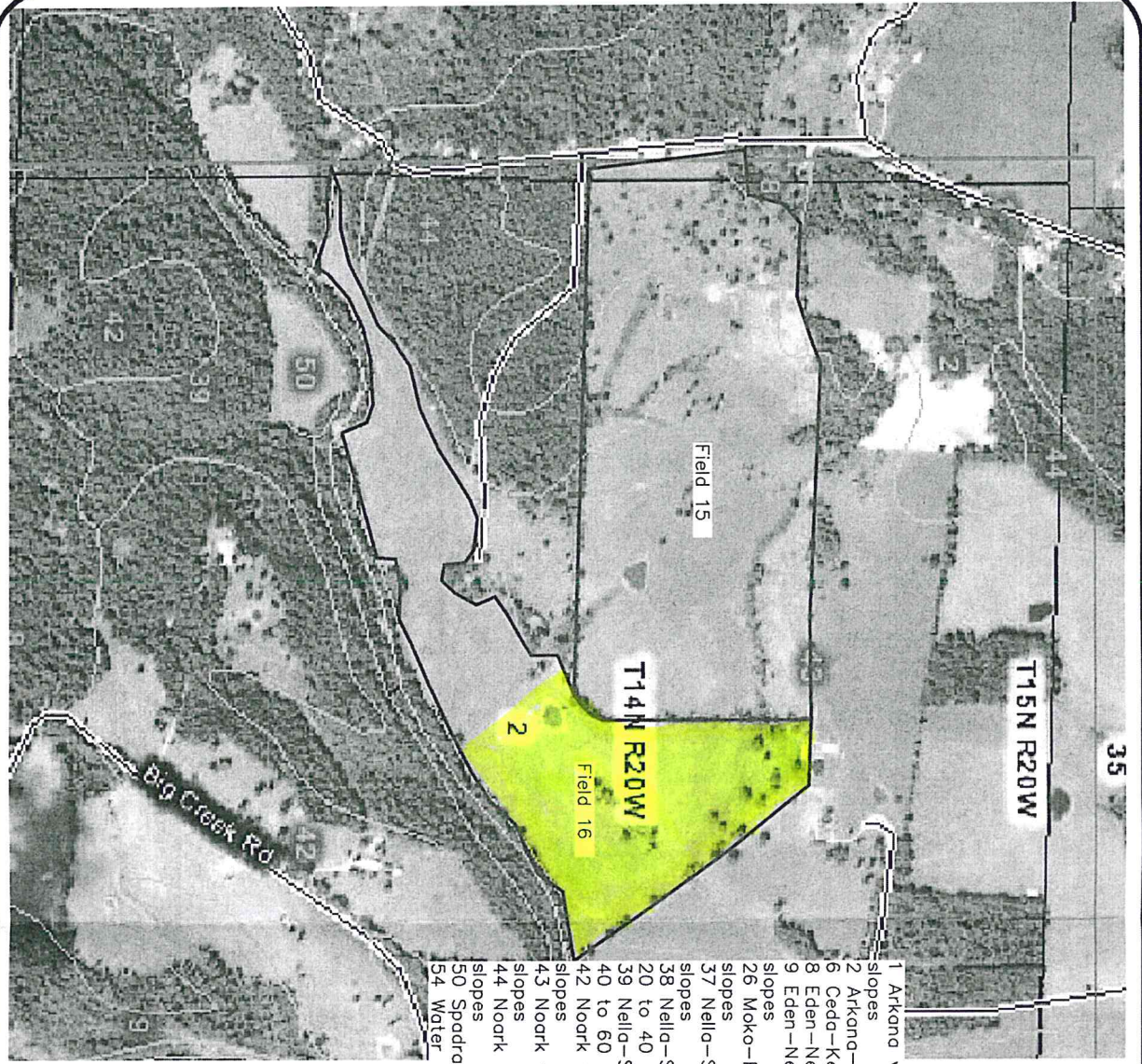
DATE: MAY 29, 2012 SHEET: **3**

SCALE: 1" = 600'

DRAWN BY: NAP

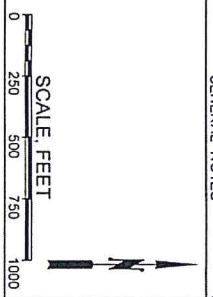
CHECKED BY: DID

FILE NAME: G:\PROJECT FILES\NK\ARBON\Q&H\PLAN



- 1 Arkona very cherty silt loam, 3 to 8 percent slopes
- 2 Arkona-Moko complex, 8 to 20 percent slopes
- 6 Ceda-Kenn complex, frequently flooded
- 8 Eden-Newnata complex, 8 to 20 percent slopes
- 9 Eden-Newnata complex, 20 to 40 percent slopes
- 26 Moko-Rock outcrop complex, 15 to 50 percent slopes
- 37 Nello-Stepprock complex, 8 to 20 percent slopes
- 38 Nello-Stepprock-Mountainburg very stony loams, 20 to 40 percent slopes
- 39 Nello-Stepprock-Mountainburg very stony loams, 40 to 60 percent slopes
- 42 Noark very cherty silt loam, 3 to 8 percent slopes
- 43 Noark very cherty silt loam, 8 to 20 percent slopes
- 44 Noark very cherty silt loam, 20 to 40 percent slopes
- 50 Spadra loam, occasionally flooded
- 54 Water

LEGEND



GENERAL NOTES

No.	Revision/Issue	Date

DeHaan, Grubs & Associates, LLC
 Consulting Engineers
 PO Box 522, Mondak, ND 58554
 (701) 643-1116, Fax: (701) 667-1356
 www.dgaaengineering.com

C&H HOG FARMS
 GESTATION-FARROWING FARM
 SECTION 3, T14 N, R 20 W
 NEWTON COUNTY, AR
FIELDS 15-16

DATE: MAY 29, 2012 SHEET: 4
 SCALE: 1" = 500'
 DRAWN BY: NAP
 CHECKED BY: DLD

FILE NAME: G8 PROJECT FILES/SHK/ARSON/GEST/FARM


DATE	FIELD	TEMP	WIND/DIR	HOURS	GAL	CROP	METHOD	TOTAL ACRES	CONDITION OF FIELD	EQUIPMENT CON	POND LINER
12/27/2013	15	45	E AT 4	1	3,000	MIXED	HONEYWAGON	1	DRY	GOOD	GOOD
12/30/2013	15	40	SW AT 7	2	6,000	MIXED	HONEYWAGON	2	DRY	GOOD	GOOD
12/31/2013	15	52	S AT 4	6	24,000	MIXED	HONEYWAGON	9	DRY	GOOD	GOOD
1/16/2014	15	51	NW 16	5	18,000	MIXED	HONEYWAGON	7	DRY	GOOD	GOOD
1/16/2014	17	51	NW 16	2	6,000	MIXED	HONEYWAGON	2	Fair	GOOD	GOOD
1/19/2014	3	59	SSW 8	4	18,000	MIXED	HONEYWAGON	6	DRY	GOOD	GOOD
1/20/2014	15	66	NNW 6	6	36,000	MIXED	HONEYWAGON	13	DRY	GOOD	GOOD

Bolenbaugh, Jason

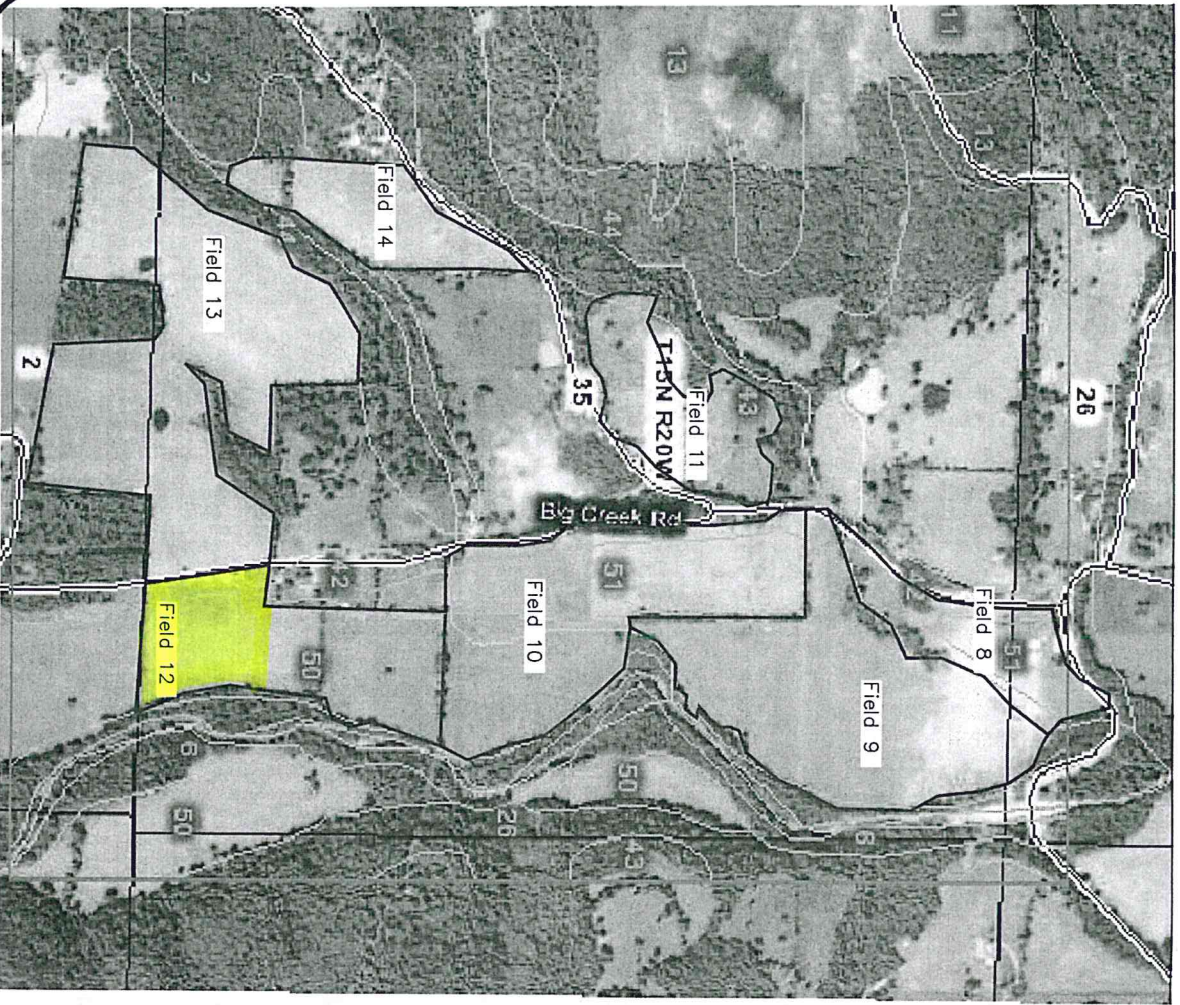
From: C H Hog Farms, Inc. <chhogfarmsinc@yahoo.com>
Sent: Monday, January 27, 2014 10:00 AM
To: Bolenbaugh, Jason; david_brown@cargill.com
Subject: Number as of 1-27-14

Jason,

as of 1-27-14 we have 2499 sows and 700 Nursery pigs

<h1>ADEQ</h1> <p>ARKANSAS Department of Environmental Quality</p>	WATER DIVISION COMPLAINT REPORT		
	AFIN: 51-00164		PERMIT #: ARG590001
	COUNTY: 51 Newton		PDS #: 016579
	GPS LOCATION: LAT: _____ LONG: _____ <input type="checkbox"/> Discharge Site / <input type="checkbox"/> General Area / <input type="checkbox"/> Entrance		
COMPLAINANT NAME: [REDACTED]		COMPLAINT AGAINST: C&H Hog Farms	
RESPONSE REQUESTED BY COMPLAINANT: No		SITE ADDRESS:	
MAILING ADDRESS:		MAILING HC 72 PO Box 10 ADDRESS:	
CITY, STATE, ZIP:		CITY, STATE, ZIP: Mount Judea AR 72655	
PHONE & EXT: _____ FAX: _____		PHONE & EXT: _____ FAX: _____	
EMAIL:		EMAIL:	
HOW WAS COMPLAINT RECEIVED BY ADEQ: PHON		<small>ADEQ = ADEQ Personnel EML = E-Mail FAX = Fax LTR = Letter PERS = Personal Contact PHON = Telephone WEB = ADEQ Website</small>	
PERSON RECEIVING REPORT: Tony Morris	DATE: 10/14/2013	SUPERVISOR REFERRAL:	DATE:
MEDIA SUPERVISOR REFERRAL:	DATE:	RECEIVING INSPECTOR: (ID & Name) 83321 Jason Bolenbaugh	DATE: 10/14/2013
DETAILED DESCRIPTION OF COMPLAINT			
<p>Complainant stated that portions of Application Field 12 as identified in the permittees Nutrient Management Plan (NMP) belonged to them and that the permittee did not have a land use contract to apply on their property. After speaking with the permittee on January 23, 2014, the permittee acknowledged they were aware of the error and they were going to submit a new map with the revised NMP. Permittee also explained they were not going to apply on the area belonging to the complainant.</p>			
DETAILED LOCATION			
Application Field 12 as identified in the NMP.			
PREVIOUS COMPLAINTS: *** DATE(S):			
FOLLOW-UP ON COMPLAINT			
NUMBER OF SITE VISITS: 1 DATES: FIRST 1/23/2014 SECOND _____ THIRD _____			
PHOTOS TAKEN: Yes	DISCHARGE TO WATER OF THE STATE: No	SAMPLES COLLECTED: No	
NAME OF WATERBODY: N/A			
FAYETTEVILLE SHALE RELATED: No		FAYETTEVILLE SHALE VIOLATIONS: No	
INVESTIGATION & ACTION TAKEN			
Spoke with permittee and he will submit a new site map with revised NMP.			
REFERRED: No	TO WHOM: N/A	DATE REFERRED:	
RESPONSE TRACKING			
RESPONSE REQUESTED: No	RESPONSE PROVIDED: ***	RESPONSE PROVIDED DATE:	
BY WHOM?(ID and Name):		ASSIGNED TO? (ID and Name):	
RESPONSE COMMENT:			
INSPECTOR:  Jason Bolenbaugh			DATE: 1/27/2014
SUPERVISOR: ←Click text to left to add signature *TYPE SUPERVISOR'S NAME HERE*			DATE:

Revised: 5/13/2013



- LEGEND**
- 1 Arkona very cherty silt loam, 3 to 8 percent slopes
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GENERAL NOTES




No.	Revision/Issue	Date

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Q&H HOG FARMS
 GESTATION-FARROWING FARM
 SECTION 26, T 16 N, R 20 W
 NEWTON COUNTY, AR
FIELDS 8-15

DATE: MAY 29, 2012 SHEET: **3**
 SCALE: 1" = 600'
 DRAWN BY: NAP
 CHECKED BY: DID

FILE NAME: G:\PROJECT FILES\NK\ARBON\Q&H\PLAN

<h1>ADEQ</h1> <p>ARKANSAS Department of Environmental Quality</p>	WATER DIVISION COMPLAINT REPORT		
	AFIN: 51-00164		PERMIT #: ARG590001
	COUNTY: 51 Newton		PDS #: 016580
	GPS LOCATION: LAT: _____ LONG: _____ <input type="checkbox"/> Discharge Site / <input type="checkbox"/> General Area / <input type="checkbox"/> Entrance		
COMPLAINANT NAME: [REDACTED]		COMPLAINT AGAINST: C&H Hog Farms	
RESPONSE REQUESTED BY COMPLAINANT: No		SITE ADDRESS:	
MAILING ADDRESS: [REDACTED]		MAILING HC 72 PO Box 10 ADDRESS:	
CITY, STATE, ZIP: [REDACTED]		CITY, STATE, ZIP: Mount Judea AR 72655	
PHONE & EXT: _____ FAX: _____		PHONE & EXT: _____ FAX: _____	
EMAIL: [REDACTED]		EMAIL:	
HOW WAS COMPLAINT RECEIVED BY ADEQ: EML		<small>ADEQ = ADEQ Personnel EML = E-Mail FAX = Fax LTR = Letter PERS = Personal Contact PHON = Telephone WEB = ADEQ Website</small>	
PERSON RECEIVING REPORT: Teresa Marks	DATE: 1/16/2014	SUPERVISOR REFERRAL: Ryan Benefield	DATE: 1/16/2014
MEDIA SUPERVISOR REFERRAL:	DATE:	RECEIVING INSPECTOR: (ID & Name) 83321 Jason Bolenbaugh	DATE: 1/16/2014
DETAILED DESCRIPTION OF COMPLAINT			
Please see attached email			
DETAILED LOCATION			
Application Field 17 as identified in the NMP.			
PREVIOUS COMPLAINTS: *** DATE(S):			
FOLLOW-UP ON COMPLAINT			
NUMBER OF SITE VISITS: 1 DATES: FIRST 1/23/2014 SECOND _____ THIRD _____			
PHOTOS TAKEN: Yes	DISCHARGE TO WATER OF THE STATE: No	SAMPLES COLLECTED: No	
NAME OF WATERBODY: N/A			
FAYETTEVILLE SHALE RELATED: No		FAYETTEVILLE SHALE VIOLATIONS: No	
INVESTIGATION & ACTION TAKEN			
Application Field 17 was inspected on January 23, 2014; however, the facility was not applying to any of their application sites and I could not assess the validity of the complaint. Application records provided by the permittee show they did apply to Field 17 on January 16. The permittee indicated they made some passes in the field; however, the field was a little soft and they could not continue with application. A copy of the application record has been attached to this report.			
REFERRED: No	TO WHOM: N/A	DATE REFERRED:	
RESPONSE TRACKING			
RESPONSE REQUESTED: No	RESPONSE PROVIDED: ***	RESPONSE PROVIDED DATE:	
BY WHOM?(ID and Name):		ASSIGNED TO? (ID and Name):	
RESPONSE COMMENT:			
INSPECTOR:  Jason Bolenbaugh			DATE: 1/27/2014
SUPERVISOR: ←Click text to left to add signature *TYPE SUPERVISOR'S NAME HERE*			DATE:

Revised: 5/13/2013

Water Division Photographic Evidence Sheet

Location:	C&H Hog Farms				
Photographer:	Jason Bolenbaugh	Date:	1/23/2014	Time:	12:54
Witness:	John Bailey, Jason Henson		Photo #:	1	
Description:	Application Field 17.				



DATE	FIELD	TEMP	WIND/DIR	HOURS	GAL	CROP	METHOD	TOTAL ACRES	CONDITION OF FIELD	EQUIPMENT CON	POND LINER
12/27/2013	15	45	E AT 4	1	3,000	MIXED	HONEYWAGON	1	DRY	GOOD	GOOD
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12/31/2013	15	52	S AT 4	6	24,000	MIXED	HONEYWAGON	9	DRY	GOOD	GOOD
1/16/2014	15	51	NW 16	5	18,000	MIXED	HONEYWAGON	7	DRY	GOOD	GOOD
1/16/2014	17	51	NW 16	2	6,000	MIXED	HONEYWAGON	2	Fair	GOOD	GOOD
1/19/2014	3	59	SSW 8	4	18,000	MIXED	HONEYWAGON	6	DRY	GOOD	GOOD
1/20/2014	15	66	NNW 6	6	36,000	MIXED	HONEYWAGON	13	DRY	GOOD	GOOD