



A R K A N S A S
Department of Environmental Quality

WATER DIVISION COMPLAINT REPORT

AFIN: 51-00164	PERMIT #: ARG590001
COUNTY: 51 Newton	PDS #: 017075
GPS LOCATION: LAT: _____ LONG: _____	
<input type="checkbox"/> Discharge Site / <input type="checkbox"/> General Area / <input type="checkbox"/> Entrance	

COMPLAINANT NAME: John Murdoch MAILING ADDRESS: CITY, STATE, ZIP: PHONE & EXT: / FAX: 479-466-6292 / EMAIL: jfmurdoch3@gmail.com RESPONSE REQUESTED BY COMPLAINANT: ***	COMPLAINT AGAINST: C&H Hog Farm SITE ADDRESS: MAILING ADDRESS: HC 72 Box 10 CITY, STATE, ZIP: Mt. Judea AR 72655 PHONE & EXT: / FAX: / EMAIL:
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HOW WAS COMPLAINT RECEIVED BY ADEQ: **PHON** ADEQ = ADEQ Personnel | EML = E-Mail | FAX = Fax | LTR = Letter
PERS = Personal Contact | PHON = Telephone | WEB = ADEQ Website

PERSON RECEIVING REPORT: Clark Baker	DATE: 5/1/2014	SUPERVISOR REFERRAL: Jason Bolenbaugh	DATE: 5/1/2014
MEDIA SUPERVISOR REFERRAL:	DATE:	RECEIVING INSPECTOR: (ID & Name) 83321 Jason Bolenbaugh	DATE: 5/1/2014

DETAILED DESCRIPTION OF COMPLAINT

Canoed Mt. Judea on April 17, 2014 at 1300 hours and noted poor air quality from C&H Hog Farm between C&H Hog Farm and the school; noted some dead fish and a crawfish down from the USGS gauging station located on Big Creek; water quality of Big Creek is deteriorating to the point of being a primary contact public hazard; the pool in Big Creek below dry creek confluence has a foul odor and poor clarity; pool below application Field 5 has black colored springs flowing into it and is visually impaired; and, the swimming hole on Big Creek upstream of the low water bridge on CR 267 is visually impaired and kids should not be swimming in the creek.

DETAILED LOCATION

See aerial photograph.

PREVIOUS COMPLAINTS: *** DATE(S):

FOLLOW-UP ON COMPLAINT

NUMBER OF SITE VISITS: **1** DATES: FIRST **5/12/2014** SECOND _____ THIRD _____

PHOTOS TAKEN: **Yes** DISCHARGE TO WATER OF THE STATE: **No** SAMPLES COLLECTED: **No**


NAME OF WATERBODY:

FAYETTEVILLE SHALE RELATED: **No** FAYETTEVILLE SHALE VIOLATIONS: **No**

INVESTIGATION & ACTION TAKEN

I visited all application fields during a two day sampling event conducted by EPA, Region 6 on April 15 and April 16, 2014. During my visit I did not notice any odor related to the swine operation at those fields. Additionally, on May 12, 2014, I did not notice any odor related to the swine operation while looking at Fields 6 and 7. The odor was not apparent during either visit until I began driving up the driveway toward the facility. Areas of Big Creek, Dry Creek, and an unnamed tributary to the Buffalo River were visited to assess any potential water quality issues. Every location we visited did not have an odor with the exception of the Buffalo River location where leaves were decaying. I did not note any dead fish or crawfish and saw numerous minnows and snails. Areas where there was little to no flow contained algae that appeared decayed and was floating on the waters surface, algae formation on the rocks. Dissolved Oxygen (D.O.), pH, and Temperature (Celsius) readings were taken. In Big Creek D.O. readings ranged from 9.07 to 10.09; pH readings ranged from 7.47 to 8.04; and, temperature readings ranged from 17.4 to 19.6. The readings taken at the unnamed tributary to the Buffalo River were 6.69 (D.O), 7.72 (pH), and 18.1 (Temp). Algae growth appears to be naturally occurring within the watershed and no further action is required at this time; however, the Department will continue to monitor the facility and the surrounding area.

REFERRED: ***	TO WHOM: N/A	DATE REFERRED:
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RESPONSE TRACKING		
RESPONSE REQUESTED: ***	RESPONSE PROVIDED: ***	RESPONSE PROVIDED DATE:
BY WHOM?(ID and Name):	ASSIGNED TO? (ID and Name):	
RESPONSE COMMENT:		
INSPECTOR: ←Click text to left to add signature	**TYPE INSPECTOR'S NAME HERE**	DATE:
SUPERVISOR:  Jason Bolenbaugh		DATE: 5/13/2014

Revised: 5/13/2013

Water Division Photographic Evidence Sheet

Location:	Mt. Judea, AR				
Photographer:	Jason Bolenbaugh	Date:	5/12/2014	Time:	
Witness:		Photo #:	1		
Description:	Confluence of Big Creek and Dry Creek				



Photographer:	Jason Bolenbaugh	Date:	5/12/2014	Time:	
Witness:		Photo #:	2		
Description:	Dry Creek at the confluence with Big Creek looking upstream				



Water Division Photographic Evidence Sheet

Location:	Mt. Judea, AR				
Photographer:	Jason Bolenbaugh	Date:	5/12/2014	Time:	
Witness:				Photo #:	3
Description:	Dry Creek further upstream of photograph 2 above				



Photographer:	Jason Bolenbaugh	Date:	5/12/2014	Time:	
Witness:				Photo #:	4
Description:	Algae formations in Big Creek upstream of confluence with Dry Creek				



Water Division Photographic Evidence Sheet

Location:	Mt. Judea, AR		
Photographer:	Jason Bolenbaugh	Date:	5/12/2014
Witness:		Time:	
		Photo #:	5
Description:	Water conditions in Big Creek upstream of Dry Creek confluence		



Photographer:	Jason Bolenbaugh	Date:	5/12/2014
Witness:		Time:	
		Photo #:	6
Description:	Big Creek at HWY 54 bridge		



Water Division Photographic Evidence Sheet

Location:	Mt. Judea, AR		
Photographer:	Jason Bolenbaugh	Date:	5/12/2014
Witness:		Time:	
		Photo #:	7
Description:	Big Creek at the HWY 54 bridge		



Photographer:	Jason Bolenbaugh	Date:	5/12/2014
Witness:		Time:	
		Photo #:	8
Description:	Big Creek just south of the Hwy 74 and 85 intersection		



Water Division Photographic Evidence Sheet

Location:	Mt. Judea, AR		
Photographer:	Jason Bolenbaugh	Date:	5/12/2014
Witness:		Time:	
		Photo #:	9
Description:	Big Creek just south of the Hwy 74 and 85 intersection		



Photographer:	Jason Bolenbaugh	Date:	5/12/2014
Witness:		Time:	
		Photo #:	10
Description:	Big Creek just south of the Hwy 74 and 85 intersection		



Bolenbaugh, Jason

From: McConnell, Melissa
Sent: Wednesday, May 14, 2014 2:48 PM
To: Bolenbaugh, Jason
Subject: FW: Complaint action

From: J. Murdoch [<mailto:jfmurdoch3@gmail.com>]
Sent: Wednesday, May 14, 2014 2:42 PM
To: McConnell, Melissa
Subject: Re: Complaint action

Melissa,

Thank you for getting back to my complaint(s). I noticed the information you sent me suggest that this was a "complaint against C&H Hog Farm". I am not sure why that is noted in the complaint. I was only a concerned individual that saw water ways that might cause health risk to folks like the kids I saw swimming down stream from what I feel is a pretty impaired stretch of stream channel. As for as the odor, I have worked around hog farms and their lagoon ponds, same with laying hens (90ppm for hours over weeks) and their wet manure auger recovery system. I know that odors, ammonia, and the other gasses effect individuals differently. Laws make it vague on how to truly deal with the issue and from doing some NO2 gas flux emission research from cow fields, I am aware how the flux can change in relationship to location from the source, winds, humidity and on and on. I will state that I had the worse headache I have ever had when I floated the section near the Mt. Judea School location (Above the new USGS gauging station). So if you didn't smell when you we were there, I will have to use your as the expert on that.

I do want to go on record as not to have filed this complaint as a "complaint against C&H Hog Farm".

You also stated that EPA Region 6 went out with you. Is there a contact where I can get a copy of their field report for that same outing to see if they might have mentioned something that would help me understand and see if any of them noticed the things I mentioned?

Thank you for all your help and I truly appreciate you and your team for keeping an eye on things there and all over the state of Arkansas,

John Murdoch

On Tue, May 13, 2014 at 4:25 PM, McConnell, Melissa <MCCONNELL@adeq.state.ar.us> wrote: