



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

Memo

To: Jason Bolenbaugh, Compliance Branch Manager
From: Skyler Schlick, Inspector
Through: Kerri McCabe, Inspector Supervisor
Date: April 4, 2017
Re: March 18, 2017 fish kill in Whitewater Creek in Mountain View, AR
(Stone Co)

On March 21, 2017, ADEQ received a report from the Aransas Game and Fish Commission (AGFC) in regard to a reported fish kill of 200 fish in Mountain View, AR.

On March 23, 2017, ADEQ Inspector Skyler Schlick investigated the fish kill. There were no dead fish observed in a 300 foot section of Whitewater Creek. The water was fairly clear and no visual abnormalities were noted in the water. There was a lift station within approximately 25 feet of Whitewater Creek. There was toilet paper that was observed on the concrete pad of the lift station. Additionally, there appeared to be an erosive path on the bank of Whitewater Creek where the sanitary sewer overflow (SSO) entered the creek. The City of Mountain View was contacted via phone on March 24, 2017. Debbie Walker confirmed that there was a SSO of approximately 3,000 gallons at this location.

A Dissolved Oxygen (DO) reading was recorded (10.03mg/l) north of the SSO location in Whitewater Creek. A second DO reading was recorded (10.15 mg/l) south of the SSO location in Whitewater Creek. Readings for A pH were also recorded for Whitewater Creek and are as follows: 8.27 s.u. north of the SSO location and 8.19 s.u. south of the SSO location.

The reported fish kill was likely caused by the SSO that reached Whitewater Creek.

PDS# 022171

U. S. Environmental Protection Agency Office of Water Planning and Standards Washington, D. C. 20460 Report of Pollution Caused Fish Kills		Form Approved OMB No. 158-R0036 FOR OWPS USE ONLY		
1A. Location (Name of body of Water; Latitude-Longitude): Whitewater Creek, 35.875021, -92.117550				
B. Nearest Town County Mountain View Stone		C. State AR	2. Date of Kill: March 18, 2017	
3. Type of Water Body: <input type="checkbox"/> Estuary <input checked="" type="checkbox"/> River or Stream <input type="checkbox"/> Lake <input type="checkbox"/> Ocean or Gulf		4. Public Drinking Water Supply: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. POLLUTION SOURCE-TYPE OF OPERATION				
A. Agricultural Operations: <input type="checkbox"/> Poisons (pesticides, etc.) <input type="checkbox"/> Fertilizers <input type="checkbox"/> Manure Drainage, Ensilage Liquors, or Feed Lot Operations <input type="checkbox"/> Handling of Equipment and Containers	B. Industrial Operations: <input type="checkbox"/> Mining <input type="checkbox"/> Textiles <input type="checkbox"/> Chemicals <input type="checkbox"/> Petroleum <input type="checkbox"/> Metals <input type="checkbox"/> Sand & Gravel <input type="checkbox"/> Food and Kindred Products <input type="checkbox"/> Leather and Leather Products <input type="checkbox"/> Paper and Allied Products <input type="checkbox"/> Lumber and Wood Products <input type="checkbox"/> Rubber & Plastics <input type="checkbox"/> Other:	C. Municipal Operations: <input checked="" type="checkbox"/> Sewerage System <input type="checkbox"/> Refuse Disposal <input type="checkbox"/> Water System <input type="checkbox"/> Swimming Pool <input type="checkbox"/> Power (public services) <input type="checkbox"/> Pest Control		
D. Transportation Operations: <input type="checkbox"/> Rail <input type="checkbox"/> Truck <input type="checkbox"/> Air <input type="checkbox"/> Pipeline <input type="checkbox"/> Barge or Boat	E. Construction or Other: <input type="checkbox"/> Construction <input type="checkbox"/> Other:	F. <input type="checkbox"/> Unknown		
G. Specific Pollutant or Factor Changing Water Characteristics (Name of chemical, thermal discharge, etc.) Sanitary sewer overflow (SSO) from lift station.				
6. Type of Fish Kill Game: _____%	7. Est. No. Killed: Unknown	8. Severity <input type="checkbox"/> Total <input type="checkbox"/> Mod. <input type="checkbox"/> Light		
Non Game: _____%	9. Extent of Area Affected: Unknown	10. Duration of Critical Effect: Unknown		
Total Commercial %	A. Miles of Stream Unknown	B. Acres of Lake	A. Days Unknown	B. Hours Unknown
11A. Species of Fish Killed (If Known) Unknown				
B. Additional Remarks (Include effects on other than fish, e.g., shellfish, waterfowl, etc.) No effects observed on any organism at the time of the visit; however, 200 dead fish were reported.				
12. Reporting Official: Skyler Schlick	13. Agency Mailing Address: 5301 Northshore Drive North Little Rock, AR 72118	14. Date of Report: April 3, 2017		

Water Division Fish Kill Photographic Evidence Sheet

Location:	Park Ave. Mountain View, AR						
Photographer:	Skyler Schlick				Witness:		
Photo #	1	Of	4	Date:	3/23/2017	Time:	1420
Description:	Lift station on the left and Whitewater Creek on the right.						



Photographer:	Skyler Schlick				Witness:		
Photo #	2	Of	4	Date:	3/23/2017	Time:	1406
Description:	Whitewater Creek.						



Water Division Fish Kill Photographic Evidence Sheet

Location:	Park Ave. Mountain View, AR						
Photographer:	Skyler Schlick			Witness:			
Photo #	3	Of	4	Date:	3/23/2017	Time:	1419
Description:	Area where SSO appeared to flow into Whitewater Creek.						



Photographer:	Skyler Schlick			Witness:			
Photo #	4	Of	4	Date:	3/23/2017	Time:	1409
Description:	Toilet paper on edge of concrete pad where lift station is located.						



Figure 1. Aerial view illustrating lift station and sampling locations (Google earth image date March 4, 2016).

