



ARKANSAS
Department of Environmental Quality

March 16, 2010

Mike Sebren, State Construction Engineer
Ark. Highway & Transportation Department
P.O. Box 2261
Little Rock, AR 72203-2261

RE: AHTD Job #BR6401 Calf Creek Bridge, Searcy County

Dear Mr. Sebren:

On March 10, 2010, I performed an investigation of in stream activities on Calf Creek in Searcy County adjacent to State Highway 74 near Snowball. At the time of this visit, construction activities were in compliance with the terms of the Short Term Activity Authorization issued by the Department.

If you have any questions or if I can be of any assistance please contact me at 870-446-2770 or by e-mail at morris@adeq.state.ar.us.

Sincerely,

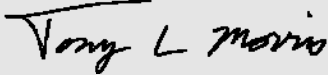
A handwritten signature in black ink that reads "Tony L Morris". The signature is written in a cursive style with a horizontal line above the first name.

Tony Morris
District #2 Inspector
ADEQ Water Division

cc: Technical Assistance Manager, Water Division Enforcement Branch
Bob Singleton, ADEQ Water Division Planning Branch



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STAA INSPECTION FORM	
GPS LOCATION: N 35.8905 W 92.8261	COUNTY: Searcy
DATE AUTHORIZED / INSPECTED: Authorized 11/12/09/ Inspected 03/10/10	WATERBODY: Calf Creek
COMPANY NAME & CONTACT:	CONTRACTOR COMPANY NAME Arkansas Highway & Transportation Dept.
ADDRESS:	ADDRESS: AHTD Attn: Mike Sebren P.O. Box 2261 Little Rock, AR 72203-2261
PHONE:	PHONE:
SITE DESCRIPTION	
<p>The site consists of a bridge construction site over Calf Creek which is tributary to the Buffalo National River. At the construction site, Calf Creek drains approximately 20 square miles. The bridge location is near the lower end of a disappearing reach in which the surface flow of the stream drains into karst conduits during base flow conditions. Surface flow only occurs during and following storm events when the hydraulic conducting capacity of the conduits is exceeded. Most of Calf Creek is devoid of aquatic life due to channel alterations associated with deforestation of riparian vegetation and in stream gravel mining. The creek is severely over widened, with massively eroding stream banks and very little pool depth in reaches with surface flow. The stream is little more than an open ditch for most of its length.</p>	
LOCATION	
The site is located adjacent to Highway 74 approximately 1.5 miles south of Snowball.	
SITE CONDITIONS / COMMENTS	PHOTOS TAKEN: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<p>Erosion control BMP's consisting of silt fencing, hay bale check dams and rip rap check dams were in place. There was no surface flow in the reach of stream in the construction site at the time of this site visit.</p>	
FURTHER ACTION:	
No further action required.	
INSPECTOR SIGNATURE: Tony L. Morris 	DATE: March 10, 2010

Arkansas Department of Environmental Quality (ADEQ)
Official Photograph Sheet

Location:	Calf Creek along Highway 74, Searcy County						
Photographer:	Tony Morris			Witness:			
Photo #	1	Of	2		Date:	03/10/10	Time: 15:41
Description:	Looking up stream on Calf Creek at channelized reach above bridge location.						



Photographer:	Tony Morris			Witness:			
Photo #	2	Of	2		Date:	03/10/10	Time: 15:41
Description:	A vented ford crossing under construction on Calf Creek.						

