



ARKANSAS
Department of Environmental Quality

WATER DIVISION INSPECTION REPORT

AFIN: 68-00015	PERMIT #: AR0022110	DATE: 6/24/2015
COUNTY: 68 Sharp	PDS #: 085181	MEDIA: WN
GPS LAT: 35.941308 LONG: -91.531681 LOCATION: General Area		

FACILITY INFORMATION	INSPECTION INFORMATION
NAME: UniFirst Corporation LOCATION: 1 Unifirst Drive CITY: Cave City, AR	FACILITY TYPE: 1 - Municipal INSPECTOR ID#: 84022 S - State <hr/> FACILITY EVALUATION RATING: N INSPECTION TYPE: Industrial User <hr/> DATE(S): 6/24/2015 ENTRY TIME: 13:45 EXIT TIME: 14:45 PERMIT EFFECTIVE DATE: 1/1/2014 PERMIT EXPIRATION DATE: 12/31/2018
RESPONSIBLE OFFICIAL	
NAME / TITLE: Jim Smith / Public Works Director COMPANY: City of Cave City MAILING ADDRESS: PO Box 69 CITY, STATE, ZIP: Cave City AR 725210069 PHONE & EXT. / FAX: 870-283-5563 / EMAIL:	FAYETTEVILLE SHALE RELATED: N FAYETTEVILLE SHALE VIOLATIONS: N
CONTACTED DURING INSPECTION: Yes	INSPECTION PARTICIPANTS
	NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Alton Stewart/Water Operator, Cave City Dale Walters/General Manager, UniFirst Corp/(870)-283-5361/dwalters@unifirst.com Cody Wallace/ADEQ District 10 Water Inspector

AREA EVALUATIONS

(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)

N	PERMIT	N	FLOW MEASUREMENT	N	STORMWATER
N	RECORDS/REPORTS	N	LABORATORY	N	FACILITY SITE REVIEW
N	OPERATION & MAINTENANCE	N	EFFLUENT/RECEIVING WATER	N	SELF-MONITORING PROGRAM
N	SAMPLING	N	SLUDGE HANDLING/DISPOSAL	S	PRETREATMENT
S	OTHER: IU				

SUMMARY OF FINDINGS

Currently, UniFirst Corp is not discharging pretreated wastewater to Cave City's WWTP. Cave City is responsible for meeting the effluent limits outlined in Permit AR0022110 (Part I, Section A).

GENERAL COMMENTS

On Wed June 24, 2015, an inspection of UniFirst Corp's pretreatment process was previewed. The facility has been working with City officials in order to start discharging pretreated wastewater to the City's WWTP. The City has adopted an industrial pretreatment ordinance (May 27, 2014) and is working closely with Allen Gilliam, ADEQ's Permit Engineer for the Pretreatment Program. UniFirst Corp fits best in the 447-Ink Formulating category; however, the facility does not use solvent-based inks.

The facility had originally installed a clarifier to settle residual thickener (paste) as well as an EQ tank to stabilize flow/pH adjustment (50% sodium hydroxide); however, it was noted that the thickener actually floats instead of settles. Currently, the facility has a DAF unit temporarily stationed outside for pretreating wastewater and is storing/hauling the wastewater in rented tanks (Jim's out of Memphis, TN is licensed hauler/disposer). Once the City gives UniFirst the approval to send pretreated wastewater to the WWTP, they will install a permanent DAF unit and remove the storage tanks. UniFirst already sends wash water from textile cleaning to the City's WWTP.

The process of preparing dyes generates rinse water (~15 gpm) and solids. UniFirst has sampled their wastewater (treated/untreated) for parameters such as Metals, COD/BOD, and pH through American Interplex.

Water Division Photographic Evidence Sheet

Location:	UniFirst Corporation		
Photographer:	Cody Wallace	Date:	June 24, 2015
Witness:	Kerri McCabe	Time:	1435
		Photo #:	1
Description:	Pretreatment equipment setup outside of UniFirst; DAF unit, EQ tank, pH adjustment, etc.		



Photographer:	Cody Wallace	Date:	June 24, 2015
Witness:	Kerri McCabe	Time:	1438
		Photo #:	2
Description:	Location where UniFirst's wastewater enters City's collection system to WWTP.		



Figure 1. Google Earth image dated Nov 16, 2012 of UniFirst Corp location.

