

**From:** [Gilliam, Allen](mailto:Gilliam, Allen)  
**To:** [water@cavecity.us](mailto:water@cavecity.us)  
**Cc:** [Burrow, Kealey](#); [Shafii, Mo](#); [Wiberley, Christian G.](#); [Peltier, Hannah](#)  
**Subject:** AR0022110\_Cave City Notification of Changed Discharge Requirements with supporting information\_20150828  
**Date:** Friday, August 28, 2015 12:02:34 PM  
**Attachments:** [DOC150826-012.pdf](#)  
[Sample Results 06 09 2015.pdf](#)  
[Sample Results 08 11 & 08 12 2015.pdf](#)  
[Sample Results 08 24 2015.pdf](#)

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James,

Your notification of changed discharge along with supporting documents have been received by ADEQ per your NPDES permit requirements.

Note: Questions a. and a.i. on the notification form are answered incorrectly. UniFirst's processes are not subject to any Federal Effluent Limitation Guideline; therefore, that fact is noted in this electronic response.

Per phone conversations with Cave City personnel, the City's dry weather flow was estimated at ~0.23 MGD. UniFirst's estimated flow of 0.025 MGD is ~11% of the City's dry weather flow so it does meet the definition of a Significant Industrial User per 40 CFR 403.3(v)(ii) which you've answered correctly.

Cave City must remain compliant with its NPDES permit limitations if it decides to accept UniFirst's process wastewater. The decision to allow UniFirst to connect and discharge its process wastewater is solely at the City's discretion.

Thank you for notifying this agency of the change in discharge.

Sincerely,

Allen Gilliam  
ADEQ State Pretreatment Coordinator  
501.682.0625

**From:** [water@cavecity.us](mailto:water@cavecity.us) [<mailto:water@cavecity.us>]  
**Sent:** Wednesday, August 26, 2015 4:01 PM  
**To:** Water Permit Application  
**Subject:** Notification of Changed Discharge Requirements - NPDES Permit # AR0022110

We have been working with UniFirst on an expansion of their local factory. Allen Gilliam with ADEQ has been a tremendous help to us in this process!

We are now ready to proceed with allowing the Significant User to perform a test discharge into our treatment system. Per Allen Gilliam's advise, this will be a batch discharge with a die pack for tracing purposes. If all our lab results are good, we hope to approve the permit for discharge in September 2015.

Attached you will find our Notification of Changed Discharge Requirements form. I have also attached their lab samples for your review. Please contact me anytime at the number below, or my cell phone at (870) 283-2789.

*Thank you,*

*James M. Smith*

Cave City Water & Sewer Dept.

120 E Spring St

PO Box 69

Cave City, AR 72521

(870) 283-5563

**ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY  
MUNICIPAL NOTIFICATION OF CHANGED DISCHARGE REQUIREMENTS**

NPDES Permit No. AR00 22110

All Publicly Owned Treatment Works' (POTWs) Municipal NPDES permits boilerplate Reporting Requirements state:

The permittee shall provide adequate notice of the following:

- (1) Any new introduction of pollutants into the treatment works from an indirect discharger which would be subject to Sections 301 and 306 of the Act if it were directly discharging those pollutants; and
- (2) Any substantial change in the volume or character of pollutants being introduced into the treatment works by a source introducing pollutants into the treatment works at the time of issuance of the permit.

Adequate notice shall include information on (i) the quality and quantity of effluent to be introduced into the treatment works, and (ii) any anticipated impact of the change on the quality or quantity of effluent to be discharged from the POTW.

Information required (note if estimated [est.] or unknown [unk.]):

- a. Is the wastewater to be accepted subject to a Federal Effluent Limitation Guideline (ELG)? (See EPA Industry Effluent Guidelines) Yes  No
- i. If yes, does that wastewater meet the Pretreatment Standards for that ELG? Yes  No
- b. Is the wastewater to be accepted from a Significant Industrial User? (See 40 CFR 403.3(v)) Yes  No
- c. What volume of wastewater is to be accepted? Note if it is to be continuous discharged, trucked, or batch discharged (what frequency).  
Continuous  Trucked  Batch  Frequency? 0.025 MGD  
25 GPM
- d. If the wastewater to be accepted is to be batch discharged, is there a potential for a slug load potentially causing a plant upset, pass through or interference? Yes  No
- e. Is your wastewater treatment plant's hydraulic capacity adequate to accept this additional wastewater? Yes  No
- f. Provide analytical data on a representative sample of the wastewater to be accepted for CBOD<sub>5</sub>, TSS, fecal coliform (if deemed pertinent), NH<sub>3</sub>-N, and Total Phosphorous.
- g. Will your wastewater plant be organically overloaded by the acceptance of this wastewater? Yes  No
- h. Is there the potential for your wastewater plant's effluent to fail whole effluent toxicity? Yes  No

**ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY  
MUNICIPAL NOTIFICATION OF CHANGED DISCHARGE REQUIREMENTS**

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i. What was the principal reason the requestor asked to discharge their wastewater to your wastewater collection system?

*EXISTING INDUSTRIAL USER IS EXPANDING ITS OPERATIONS IN  
WALK-OFF MAT MANUFACTURING, RESULTING IN INCREASED  
WASTE WATER DISCHARGE.*

j. What is the name and physical address of the entity wishing to discharge their wastewater to your system?

*UNI-FIRST CORPORATION  
1 UNIFIRST DRIVE  
CANE CREEK, AR 72521*

This notification must be accompanied by the following certification statements by a duly authorized representative of the POTW:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that our NPDES Permit limits and/or conditions will not be violated upon the acceptance of the aforementioned wastewater."

Typed or Printed Name: Jim Smith Title: SEWER SUPT.  
Signature: *Jim Smith* Date: 8-26-15

This notification must be sent to:

Arkansas Department of Environmental Quality  
Water Division, NPDES Permit Section  
5301 Northshore Drive  
North Little Rock, AR 72118-5317

Or by email to:

[Water.Permit.Application@adeq.state.ar.us](mailto:Water.Permit.Application@adeq.state.ar.us)



**UniFirst Corporation**  
1 UniFirst Drive  
Cave City, AR 72521  
Phone: 870-283-5361  
Fax: 870-283-5388

Aug. 11, 2015

Mr. Allen Gilliam  
ADEQ State Pretreatment Coordinator  
*and*  
Cave City Water & Sewer Department

In response to your request, I am providing copies of three laboratory tests reports representing samples of post-treatment waste water collected at three different times during June 9<sup>th</sup>, 2015.

These samples are representative of what is expected to be discharged to Cave City's waste water collection system from our treatment system. Additional samples are being collected today and will be submitted for verification of consistency.

I certify under penalty of law that this document and all attachments are prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A handwritten signature in black ink that reads "Dale Walters".

Dale Walters  
General Manager  
UniFirst Corporation  
Cave City, AR 72521

Attachments: 3 pages, lab results



UniFirst Corporation  
PO Box 550  
Cave City, AR 72521

**ANALYTICAL RESULTS**

**AIC No.** 191326-4

**Sample Identification:** UAF-20 Treated Water 09-Jun-2015 1030

<b>Analyte</b>		<b>Result</b>	<b>RL</b>	<b>Units</b>	<b>Qualifier</b>
<b>COD</b> HACH 8000	Prep: 11-Jun-2015 0855 by 271	<b>440</b>	10	<b>mg/l</b>	
		Analyzed: 11-Jun-2015 1330 by 271		Batch: W52232	
<b>Aluminum</b> EPA 200.7	Prep: 10-Jun-2015 1300 by 313	<b>0.047</b>	0.04	<b>mg/l</b>	
		Analyzed: 11-Jun-2015 1029 by 235		Batch: S39132	
<b>Cadmium</b> EPA 200.7	Prep: 10-Jun-2015 1300 by 313	<b>&lt; 0.004</b>	0.004	<b>mg/l</b>	
		Analyzed: 11-Jun-2015 1029 by 235		Batch: S39132	
<b>Chromium</b> EPA 200.7	Prep: 10-Jun-2015 1300 by 313	<b>0.017</b>	0.007	<b>mg/l</b>	
		Analyzed: 11-Jun-2015 1029 by 235		Batch: S39132	
<b>Copper</b> EPA 200.7	Prep: 10-Jun-2015 1300 by 313	<b>0.0085</b>	0.006	<b>mg/l</b>	
		Analyzed: 11-Jun-2015 1029 by 235		Batch: S39132	
<b>Lead</b> EPA 200.7	Prep: 10-Jun-2015 1300 by 313	<b>&lt; 0.04</b>	0.04	<b>mg/l</b>	
		Analyzed: 11-Jun-2015 1029 by 235		Batch: S39132	
<b>Nickel</b> EPA 200.7	Prep: 10-Jun-2015 1300 by 313	<b>&lt; 0.01</b>	0.01	<b>mg/l</b>	
		Analyzed: 11-Jun-2015 1029 by 235		Batch: S39132	
<b>Silver</b> EPA 200.7	Prep: 10-Jun-2015 1300 by 313	<b>&lt; 0.007</b>	0.007	<b>mg/l</b>	
		Analyzed: 11-Jun-2015 1029 by 235		Batch: S39132	
<b>Zinc</b> EPA 200.7	Prep: 10-Jun-2015 1300 by 313	<b>0.059</b>	0.002	<b>mg/l</b>	
		Analyzed: 11-Jun-2015 1029 by 235		Batch: S39132	
<b>Mercury</b> EPA 245.2	Prep: 11-Jun-2015 0930 by 313	<b>&lt; 0.0002</b>	0.0002	<b>mg/l</b>	
		Analyzed: 11-Jun-2015 1521 by 302		Batch: S39138	

UniFirst Corporation  
PO Box 550  
Cave City, AR 72521

**ANALYTICAL RESULTS**

AIC No. 191326-6

Sample Identification: UAF-22 Treated Water 09-Jun-2015 1300

<b>Analyte</b>	<b>Result</b>	<b>RL</b>	<b>Units</b>	<b>Qualifier</b>
<b>COD</b> HACH 8000	<b>540</b> Prep: 11-Jun-2015 0855 by 271 Analyzed: 11-Jun-2015 1330 by 271	10	<b>mg/l</b> Batch: W52232	
<b>Aluminum</b> EPA 200.7	<b>&lt; 0.04</b> Prep: 10-Jun-2015 1300 by 313 Analyzed: 11-Jun-2015 1045 by 235	0.04	<b>mg/l</b> Batch: S39132	
<b>Cadmium</b> EPA 200.7	<b>&lt; 0.004</b> Prep: 10-Jun-2015 1300 by 313 Analyzed: 11-Jun-2015 1045 by 235	0.004	<b>mg/l</b> Batch: S39132	
<b>Chromium</b> EPA 200.7	<b>0.040</b> Prep: 10-Jun-2015 1300 by 313 Analyzed: 11-Jun-2015 1045 by 235	0.007	<b>mg/l</b> Batch: S39132	
<b>Copper</b> EPA 200.7	<b>0.0095</b> Prep: 10-Jun-2015 1300 by 313 Analyzed: 11-Jun-2015 1045 by 235	0.006	<b>mg/l</b> Batch: S39132	
<b>Lead</b> EPA 200.7	<b>&lt; 0.04</b> Prep: 10-Jun-2015 1300 by 313 Analyzed: 11-Jun-2015 1045 by 235	0.04	<b>mg/l</b> Batch: S39132	
<b>Nickel</b> EPA 200.7	<b>&lt; 0.01</b> Prep: 10-Jun-2015 1300 by 313 Analyzed: 11-Jun-2015 1045 by 235	0.01	<b>mg/l</b> Batch: S39132	
<b>Silver</b> EPA 200.7	<b>&lt; 0.007</b> Prep: 10-Jun-2015 1300 by 313 Analyzed: 11-Jun-2015 1045 by 235	0.007	<b>mg/l</b> Batch: S39132	
<b>Zinc</b> EPA 200.7	<b>0.088</b> Prep: 10-Jun-2015 1300 by 313 Analyzed: 11-Jun-2015 1045 by 235	0.002	<b>mg/l</b> Batch: S39132	
<b>Mercury</b> EPA 245.2	<b>&lt; 0.0002</b> Prep: 11-Jun-2015 0930 by 313 Analyzed: 11-Jun-2015 1537 by 302	0.0002	<b>mg/l</b> Batch: S39138	



UniFirst Corporation  
PO Box 550  
Cave City, AR 72521

**ANALYTICAL RESULTS**

**AIC No.** 191326-8

**Sample Identification:** UAF-24 Treated Water 09-Jun-2015 1500

<b>Analyte</b>		<b>Result</b>	<b>RL</b>	<b>Units</b>	<b>Qualifier</b>
<b>COD</b> HACH 8000	Prep: 11-Jun-2015 0855 by 271	<b>570</b> Analyzed: 11-Jun-2015 1330 by 271	10	<b>mg/l</b> Batch: W52232	
<b>Aluminum</b> EPA 200.7	Prep: 10-Jun-2015 1300 by 313	<b>&lt; 0.04</b> Analyzed: 11-Jun-2015 1055 by 235	0.04	<b>mg/l</b> Batch: S39132	
<b>Cadmium</b> EPA 200.7	Prep: 10-Jun-2015 1300 by 313	<b>&lt; 0.004</b> Analyzed: 11-Jun-2015 1055 by 235	0.004	<b>mg/l</b> Batch: S39132	
<b>Chromium</b> EPA 200.7	Prep: 10-Jun-2015 1300 by 313	<b>0.044</b> Analyzed: 11-Jun-2015 1055 by 235	0.007	<b>mg/l</b> Batch: S39132	
<b>Copper</b> EPA 200.7	Prep: 10-Jun-2015 1300 by 313	<b>0.0086</b> Analyzed: 11-Jun-2015 1055 by 235	0.006	<b>mg/l</b> Batch: S39132	
<b>Lead</b> EPA 200.7	Prep: 10-Jun-2015 1300 by 313	<b>&lt; 0.04</b> Analyzed: 11-Jun-2015 1055 by 235	0.04	<b>mg/l</b> Batch: S39132	
<b>Nickel</b> EPA 200.7	Prep: 10-Jun-2015 1300 by 313	<b>&lt; 0.01</b> Analyzed: 11-Jun-2015 1055 by 235	0.01	<b>mg/l</b> Batch: S39132	
<b>Silver</b> EPA 200.7	Prep: 10-Jun-2015 1300 by 313	<b>&lt; 0.007</b> Analyzed: 11-Jun-2015 1055 by 235	0.007	<b>mg/l</b> Batch: S39132	
<b>Zinc</b> EPA 200.7	Prep: 10-Jun-2015 1300 by 313	<b>0.064</b> Analyzed: 11-Jun-2015 1055 by 235	0.002	<b>mg/l</b> Batch: S39132	
<b>Mercury</b> EPA 245.2	Prep: 11-Jun-2015 0930 by 313	<b>&lt; 0.0002</b> Analyzed: 11-Jun-2015 1545 by 302	0.0002	<b>mg/l</b> Batch: S39138	





**UniFirst Corporation**  
1 UniFirst Drive  
Cave City, AR 72521  
Phone: 870-283-5361  
Fax: 870-283-5388

Aug. 17, 2015

Mr. Allen Gilliam  
ADEQ State Pretreatment Coordinator  
*and*  
Cave City Water & Sewer Department

In accordance with your request, I am providing copies of laboratory test reports representing 2 additional samples of post-treatment waste water, collected during Aug. 11<sup>th</sup> and Aug. 12<sup>th</sup> of 2015.

These samples are representative of what is expected to be discharged to Cave City's waste water collection system from our treatment system.

I certify under penalty of law that this document and all attachments are prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A handwritten signature in black ink that reads "Dale Walters".

Dale Walters  
General Manager  
UniFirst Corporation  
Cave City, AR 72521

Attachments: 2 pages, lab results



UniFirst Corporation  
 PO Box 550  
 Cave City, AR 72521

**ANALYTICAL RESULTS**
**AIC No.** 193186-1

**Sample Identification:** UAF-25 Treated Water 11-Aug-2015 1530

<b>Analyte</b>	<b>Result</b>	<b>RL</b>	<b>Units</b>	<b>Qualifier</b>
<b>Aluminum</b> EPA 200.7	<b>0.047</b> Prep: 12-Aug-2015 1007 by 317 Analyzed: 12-Aug-2015 1447 by 317	0.04	<b>mg/l</b> Batch: S39556	
<b>Arsenic</b> EPA 200.7	<b>&lt; 0.05</b> Prep: 12-Aug-2015 1007 by 317 Analyzed: 12-Aug-2015 1447 by 317	0.05	<b>mg/l</b> Batch: S39556	
<b>Cadmium</b> EPA 200.7	<b>&lt; 0.004</b> Prep: 12-Aug-2015 1007 by 317 Analyzed: 12-Aug-2015 1447 by 317	0.004	<b>mg/l</b> Batch: S39556	
<b>Chromium</b> EPA 200.7	<b>0.053</b> Prep: 12-Aug-2015 1007 by 317 Analyzed: 12-Aug-2015 1447 by 317	0.007	<b>mg/l</b> Batch: S39556	
<b>Copper</b> EPA 200.7	<b>0.021</b> Prep: 12-Aug-2015 1007 by 317 Analyzed: 12-Aug-2015 1447 by 317	0.006	<b>mg/l</b> Batch: S39556	
<b>Lead</b> EPA 200.7	<b>&lt; 0.04</b> Prep: 12-Aug-2015 1007 by 317 Analyzed: 12-Aug-2015 1447 by 317	0.04	<b>mg/l</b> Batch: S39556	
<b>Nickel</b> EPA 200.7	<b>&lt; 0.01</b> Prep: 12-Aug-2015 1007 by 317 Analyzed: 12-Aug-2015 1447 by 317	0.01	<b>mg/l</b> Batch: S39556	
<b>Silver</b> EPA 200.7	<b>&lt; 0.007</b> Prep: 12-Aug-2015 1007 by 317 Analyzed: 12-Aug-2015 1447 by 317	0.007	<b>mg/l</b> Batch: S39556	
<b>Zinc</b> EPA 200.7	<b>0.18</b> Prep: 12-Aug-2015 1007 by 317 Analyzed: 12-Aug-2015 1447 by 317	0.002	<b>mg/l</b> Batch: S39556	
<b>Mercury</b> EPA 245.2	<b>&lt; 0.0002</b> Prep: 12-Aug-2015 1017 by 313 Analyzed: 12-Aug-2015 1511 by 308	0.0002	<b>mg/l</b> Batch: S39558	

**AIC No.** 193186-2

**Sample Identification:** UAF-26 Treated Water 11-Aug-2015 1500

<b>Analyte</b>	<b>Result</b>	<b>RL</b>	<b>Units</b>	<b>Qualifier</b>
<b>Oil and Grease</b> EPA 1664A	<b>&lt; 5</b> Prep: 12-Aug-2015 0912 by 280 Analyzed: 12-Aug-2015 1310 by 280	5	<b>mg/l</b> Batch: B9629	
<b>Total Petroleum Hydrocarbons</b> EPA 1664A	<b>&lt; 5</b> Prep: 12-Aug-2015 1319 by 301 Analyzed: 12-Aug-2015 1359 by 301	5	<b>mg/l</b> Batch: B9630	

**AIC No.** 193186-3

**Sample Identification:** UAF-27 Treated Water 11-Aug-2015 1500

<b>Analyte</b>	<b>Result</b>	<b>RL</b>	<b>Units</b>	<b>Qualifier</b>
<b>COD</b> HACH 8000	<b>540</b> Prep: 13-Aug-2015 0823 by 271 Analyzed: 13-Aug-2015 1430 by 271	10	<b>mg/l</b> Batch: W52887	

UniFirst Corporation  
 PO Box 550  
 Cave City, AR 72521

**ANALYTICAL RESULTS**
**AIC No.** 193225-1

**Sample Identification:** UAF-28 12-Aug-2015 1400

<b>Analyte</b>	<b>Result</b>	<b>RL</b>	<b>Units</b>	<b>Qualifier</b>
<b>Aluminum</b> EPA 200.7 Prep: 13-Aug-2015 0855 by 313	<b>&lt; 0.04</b> Analyzed: 13-Aug-2015 1557 by 317	0.04	<b>mg/l</b> Batch: S39564	
<b>Arsenic</b> EPA 200.7 Prep: 13-Aug-2015 0855 by 313	<b>&lt; 0.05</b> Analyzed: 13-Aug-2015 1557 by 317	0.05	<b>mg/l</b> Batch: S39564	
<b>Cadmium</b> EPA 200.7 Prep: 13-Aug-2015 0855 by 313	<b>&lt; 0.004</b> Analyzed: 13-Aug-2015 1557 by 317	0.004	<b>mg/l</b> Batch: S39564	
<b>Chromium</b> EPA 200.7 Prep: 13-Aug-2015 0855 by 313	<b>0.021</b> Analyzed: 13-Aug-2015 1557 by 317	0.007	<b>mg/l</b> Batch: S39564	
<b>Copper</b> EPA 200.7 Prep: 13-Aug-2015 0855 by 313	<b>0.012</b> Analyzed: 13-Aug-2015 1557 by 317	0.006	<b>mg/l</b> Batch: S39564	
<b>Lead</b> EPA 200.7 Prep: 13-Aug-2015 0855 by 313	<b>&lt; 0.04</b> Analyzed: 13-Aug-2015 1557 by 317	0.04	<b>mg/l</b> Batch: S39564	
<b>Nickel</b> EPA 200.7 Prep: 13-Aug-2015 0855 by 313	<b>&lt; 0.01</b> Analyzed: 13-Aug-2015 1557 by 317	0.01	<b>mg/l</b> Batch: S39564	
<b>Silver</b> EPA 200.7 Prep: 13-Aug-2015 0855 by 313	<b>&lt; 0.007</b> Analyzed: 13-Aug-2015 1557 by 317	0.007	<b>mg/l</b> Batch: S39564	
<b>Zinc</b> EPA 200.7 Prep: 13-Aug-2015 0855 by 313	<b>0.091</b> Analyzed: 13-Aug-2015 1557 by 317	0.002	<b>mg/l</b> Batch: S39564	
<b>Mercury</b> EPA 245.2 Prep: 13-Aug-2015 0902 by 313	<b>&lt; 0.0002</b> Analyzed: 13-Aug-2015 1228 by 308	0.0002	<b>mg/l</b> Batch: S39565	

**AIC No.** 193225-2

**Sample Identification:** UAF-29 12-Aug-2015 1030

<b>Analyte</b>	<b>Result</b>	<b>RL</b>	<b>Units</b>	<b>Qualifier</b>
<b>Oil and Grease</b> EPA 1664A Prep: 13-Aug-2015 1312 by 301	<b>&lt; 5</b> Analyzed: 13-Aug-2015 1313 by 301	5	<b>mg/l</b> Batch: B9632	
<b>Total Petroleum Hydrocarbons</b> EPA 1664A Prep: 13-Aug-2015 1322 by 301	<b>&lt; 5</b> Analyzed: 13-Aug-2015 1443 by 301	5	<b>mg/l</b> Batch: B9636	

**AIC No.** 193225-3

**Sample Identification:** UAF-30 12-Aug-2015 1030

<b>Analyte</b>	<b>Result</b>	<b>RL</b>	<b>Units</b>	<b>Qualifier</b>
<b>COD</b> HACH 8000 Prep: 13-Aug-2015 0823 by 271	<b>470</b> Analyzed: 13-Aug-2015 1430 by 271	10	<b>mg/l</b> Batch: W52887	

UniFirst Corporation  
PO Box 550  
Cave City, AR 72521

**ANALYTICAL RESULTS**

**AIC No.** 193508-1

**Sample Identification:** UAF-31 20-Aug-2015

<b>Analyte</b>		<b>Result</b>	<b>RL</b>	<b>Units</b>	<b>Qualifier</b>
<b>Aluminum</b> EPA 200.7	Prep: 21-Aug-2015 1057 by 317	<b>&lt; 0.04</b> Analyzed: 21-Aug-2015 1547 by 317	0.04	<b>mg/l</b> Batch: S39618	
<b>Arsenic</b> EPA 200.7	Prep: 21-Aug-2015 1057 by 317	<b>&lt; 0.05</b> Analyzed: 21-Aug-2015 1547 by 317	0.05	<b>mg/l</b> Batch: S39618	
<b>Cadmium</b> EPA 200.7	Prep: 21-Aug-2015 1057 by 317	<b>&lt; 0.004</b> Analyzed: 21-Aug-2015 1547 by 317	0.004	<b>mg/l</b> Batch: S39618	
<b>Chromium</b> EPA 200.7	Prep: 21-Aug-2015 1057 by 317	<b>0.023</b> Analyzed: 21-Aug-2015 1547 by 317	0.007	<b>mg/l</b> Batch: S39618	
<b>Copper</b> EPA 200.7	Prep: 21-Aug-2015 1057 by 317	<b>0.0070</b> Analyzed: 21-Aug-2015 1547 by 317	0.006	<b>mg/l</b> Batch: S39618	
<b>Lead</b> EPA 200.7	Prep: 21-Aug-2015 1057 by 317	<b>&lt; 0.04</b> Analyzed: 21-Aug-2015 1547 by 317	0.04	<b>mg/l</b> Batch: S39618	
<b>Nickel</b> EPA 200.7	Prep: 21-Aug-2015 1057 by 317	<b>&lt; 0.01</b> Analyzed: 21-Aug-2015 1547 by 317	0.01	<b>mg/l</b> Batch: S39618	
<b>Silver</b> EPA 200.7	Prep: 21-Aug-2015 1057 by 317	<b>&lt; 0.007</b> Analyzed: 21-Aug-2015 1547 by 317	0.007	<b>mg/l</b> Batch: S39618	
<b>Zinc</b> EPA 200.7	Prep: 21-Aug-2015 1057 by 317	<b>0.077</b> Analyzed: 21-Aug-2015 1547 by 317	0.002	<b>mg/l</b> Batch: S39618	
<b>Mercury</b> EPA 245.2	Prep: 21-Aug-2015 1102 by 313	<b>&lt; 0.0002</b> Analyzed: 21-Aug-2015 1330 by 235	0.0002	<b>mg/l</b> Batch: S39619	

**AIC No.** 193508-2

**Sample Identification:** UAF-32 20-Aug-2015 1430

<b>Analyte</b>		<b>Result</b>	<b>RL</b>	<b>Units</b>	<b>Qualifier</b>
<b>Oil and Grease</b> EPA 1664A	Prep: 21-Aug-2015 1140 by 301	<b>&lt; 5</b> Analyzed: 21-Aug-2015 1550 by 301	5	<b>mg/l</b> Batch: B9645	
<b>Total Petroleum Hydrocarbons</b> EPA 1664A	Prep: 21-Aug-2015 1553 by 301	<b>&lt; 5</b> Analyzed: 21-Aug-2015 1555 by 301	5	<b>mg/l</b> Batch: B9647	

**AIC No.** 193508-3

**Sample Identification:** UAF-33 20-Aug-2015 1430

<b>Analyte</b>		<b>Result</b>	<b>RL</b>	<b>Units</b>	<b>Qualifier</b>
<b>COD</b> HACH 8000	Prep: 24-Aug-2015 0809 by 271	<b>720</b> Analyzed: 24-Aug-2015 1050 by 271	10	<b>mg/l</b> Batch: W52985	