

ADEQ

ARKANSAS
Department of Environmental Quality

NPDES PERMIT FILE

NPDES # AR0041335

AFIN # 60-00543

Permit PN

Correspondence

Technical Backup

3-1-7 Date Scanned

CS

February 26, 2007

Jon Boyles, Pretreatment Coordinator
Jacksonville Wastewater Utility
248 Cloverdale Road
Jacksonville, AR 72076

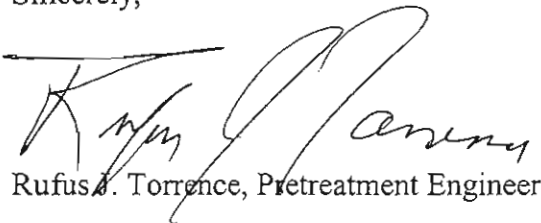
Re: Annual POTW Reports (Permit Number: **AR0041335**, AFIN: **60-00543**)

Dear Mr. Boyles:

The 2006 Annual Report required by 40 CFR 403.12(i) was received on February 22, 2007. The annual report has been reviewed and determined to be in compliance with the applicable *Annual POTW Reports* requirement.

If you have any questions concerning this matter or need additional information, please feel free to contact the NPDES Pretreatment Section at (501) 682-0626.

Sincerely,



Rufus A. Torrence, Pretreatment Engineer

Cc: Greg Hurley, Administrative Assistant
Dennis Benson, NPDES Enforcement Branch
Central Files (60-00543, w/attachments)



Jacksonville Wastewater Utility

248 Cloverdale Road, Jacksonville, AR 72076
Phone: 501/982-0581 Fax: 501/982-5791

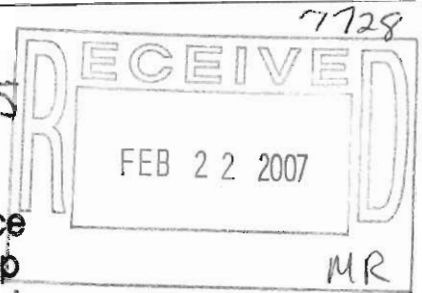
February 20, 2007

NPDES PERMIT FILE
NPDES # AR 0041335
AFIN # 60-00543

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Mr. Allen Gilliam
Pretreatment Coordinator, NPDES Branch
ADEQ
P. O. Box 8913
Little Rock, Arkansas 72219-8913

Subject: 2006 Pretreatment Report - AR0041335

CERTIFIED MAIL RECEIPT NO.: 7005 1160 0002 7971 8769

Dear Mr. Gilliam:

Enclosed please find the Jacksonville Wastewater Utility's Annual Pretreatment Program Status Report as required by NPDES Permit No. AR 0041335. All industries have complied with their Industrial Wastewater Discharge Permits in 2006.

If you have any questions concerning the information contained in the attached report or require any additional information, please contact me at (501) 982-0581.

Sincerely,

JACKSONVILLE WASTEWATER UTILITY

Jon Boyles
Pretreatment Coordinator

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NPDES # _____
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Date Scanned

Cc: Mr. Greg Hurley, ADEQ
NPDES Enforcement Water Division

ENCLOSURES

JACKSONVILLE WASTEWATER UTILITY
2006 Pretreatment Program Status Report

1. INTRODUCTION

The Jacksonville Wastewater Utility submits the following report pursuant to our AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) AND THE ARKANSAS WATER AND AIR POLLUTION CONTROL ACT, Permit Number: AR0041335, Part III Other Conditions, paragraph 1, d. The determination of Significant Noncompliance of an Industrial User was made by application of the criteria published in the July 24, 1990 Federal Register, amending 40 CFR 403.

2. INDUSTRIAL PRETREATMENT PROGRAM OVERVIEW

The Jacksonville Wastewater Utility currently has ten (10) permitted significant industrial users. Two of these, significant industrial users, are categorical industries. One categorical industry, CECA LLC is regulated under 40 CFR 433 regulations and the other is Ashland Specialty Chemical Corporation, which is a zero discharger that is being regulated under 40 CFR 414. Below is a brief synopsis of all industrial users and their status.

✓ A. **Ashland Specialty Chemical Corporation** - This facility is a manufacturer of polyester resins and does not discharge any process water to the sanitary sewer but is permitted for spill control. The permit for this facility was renewed on January 1, 2004 and expires on December 31, 2007. The permit prohibits the discharge of any process wastewater that would be regulated by the OCSFR category (40 CFR 414). This facility was determined to be categorical industry in May 2004 by Mr. Allen Gilliam, ADEQ State Pretreatment Coordinator. This facility is aware of the requirements necessary to receive permission to discharge any regulated process wastewater. This facility experienced no discharge violations of their Industrial Wastewater Discharge Permit in 2006 and currently has a valid Industrial Wastewater Discharge Permit for spill protection and control.

✓ B. **Cold Extrusion Company of America (CECA LLC.)** - This company is currently regulated under the pretreatment requirements located in 40 CFR 433 (Metal Finishing Industries). This facility's categorical process is the phosphatization of metal blanks used for the extrusion of metal tubing. The Industrial Wastewater Discharge Permit for this facility was renewed in August 23, 2005 and is due to expire on August 23, 2008. CECA LLC. has experienced a monitoring violation of their Industrial Wastewater Discharge Permit and has experienced reporting violations during 2005. Because of these violations, CECA LLC has been placed under a compliance schedule and was determined SNC for 2005. CECA LLC. has successfully completed the compliance schedule and has returned to compliance in 2006. This facility experienced no discharge violations of their Industrial Wastewater Discharge Permit in 2006 and CECA LLC currently has a valid Industrial Wastewater Discharge Permit.

✓ C. **National Swage** - This plant manufactures swaging (a suspended cable harness) equipment, cable locks, and related items for heavy machinery, oil refinery-production, and construction. National Swage's alkaline cleaner tank (rinse water) is the only source of process wastewater, which produces very little wastewater. The Industrial Wastewater Discharge Permit for this facility was renewed on January 1, 2004 and will expire on December 31, 2007. In January 2003, National Swage completed a project that allows their facility to recycle all their process and cooling waters, which allows for zero process water discharge. National Swage currently holds a valid Industrial Wastewater Discharge Permit for spill protection and control. The facility experienced no violation of their Industrial Wastewater Discharge Permit for the year 2006 and National Swage currently holds a valid Industrial Wastewater Discharge Permit for spill protection and control.

✓ D. **Altivity Packaging Inc.** – This facility was formerly named Smurfit-Stone Container Corporation. The facility manufactures and prints paper bags. Processes at this facility consist of gluing paper and printing. This facility operates an ALAR Filtration Pretreatment system for copper removal. The Industrial Wastewater Discharge Permit for this facility was renewed, effective January 1, 2006 and will expire on January 1, 2009. The facility experienced no discharge violations of their Industrial Wastewater Discharge Permit in 2006 and Altivity Packaging Inc. has a currently has a valid Industrial Wastewater Discharge Permit.

✓ E. **Little Rock Air Force Base** - Little Rock Air Force Base (LRAFB) is a Department of Defense facility with the majority of their flow generated from domestic activities. LRAFB is a community of 10,000 people, with 1500 homes, and additional discharge from 2 dining halls, 2 clubs, 2 lounges, 2 fast food restaurants, 2 gas stations, 2 aircraft maintenance shops, an engine repair facility, 2 aircraft washing facilities, an automotive/vehicle repair facility, and a dry airplane painting facility. LRAFB's Industrial Wastewater Discharge Permit was renewed on January 1, 2006 and expires on January 1, 2009. The facility has experienced no violation of their Industrial Wastewater Discharge Permit in 2006 and LRAFB currently holds a valid Industrial Wastewater Discharge Permit.

✓ F. **Rebsamen Medical Center** – Rebsamen Medical Center is a complete service hospital. Sources of process wastewater other than patient care are the radiology department that uses silver recovery system to recover silver from the waste stream, the pathology laboratory which uses formalin to preserve tissue samples for examination and testing and the cafeteria, which has an in-ground grease trap. The Industrial Wastewater Discharge Permit for this facility was renewed on January 1, 2007 and expires on December 31, 2009. Rebsamen Medical Center experienced no discharge violations of their Industrial Wastewater Discharge Permit in 2006 and currently has a valid Industrial Wastewater Discharge Permit

✓ G. **Triangle Engineering Inc.**– Triangle Engineering Inc. manufactures workshop, industrial, agricultural, and portable electrical fans. This facility currently operates an alkaline cleaner tank for surface preparation of metal parts. The Industrial Wastewater Discharge Permit for this facility was renewed on July 1, 2005 and expires on July 1, 2008. Triangle Engineering experienced no violations of their Industrial Wastewater Discharge Permit in 2006 and currently has a valid Industrial Wastewater Discharge Permit.

✓ H. **UNIVAR USA Inc.** – UNIVAR USA Inc. is primarily a chemical distribution operation but it does have a small barrel (chemical totes) washing operation to reclaim and reuse barrels that have contained acid and caustics. This operation results in the discharge of a 2000-gallon batch discharge approximately once per year. Pollution Prevention (P2) activities such as reusable dedicated chemical totes, non-acceptance of any tote containing a heel of 1" or more in volume and the non-acceptance of totes other than those labeled UNIVAR (Vopak or Van Waters and Rogers), have enabled UNIVAR to reduce the amount of washing activities needed. UNIVAR has not discharged wash water during the year 2006. The Industrial Wastewater Discharge Permit for this facility was renewed on January 1, 2006 and expires on January 1, 2009. UNIVAR experienced no violations of their Industrial Wastewater Discharge Permit in 2006 and currently has a valid Industrial Wastewater Discharge Permit.

✓ I. **Two Pine Landfill** (a Waste Management Company) – Two Pine Landfill (TPL), a Class A Landfill, accepts municipal and commercial (non-industrial) wastes from the central Arkansas area. The Industrial Wastewater Discharge Permit for this facility was renewed on October 10, 2006 and expires on October 9, 2009, for the discharge of Landfill Leachate to Jacksonville Wastewater Utility. The leachate arrives at the J. Albert Johnson Regional Treatment Facility in a six-thousand (6,000) gallon tanker truck. The leachate is mixed with the influent wastewater stream for treatment. TPL experienced no violations of their Industrial Wastewater Discharge Permit in 2006 and currently has a valid Industrial Wastewater Discharge Permit.

J. **Arkansas Portable Toilets** (dba Little John's Portable Toilets and Arkansas Portable Toilets) Arkansas Portable Toilets (APT) services portable toilets in the central Arkansas area. Chemicals used are prepackaged and intended for approximately one time use per portable toilet. The Industrial Wastewater Discharge Permit for this facility was renewed on August 22, 2005 and expires on August 22, 2008, for the discharge of Portable Toilet Waste to Jacksonville Wastewater Utility. APT experienced no violations of their Industrial Wastewater Discharge Permit in 2006 and currently has a valid Industrial Wastewater Discharge Permit.

3. **PRIORITY POLLUTANT SCAN AND QUARTERLY ANALYSIS**

The Utility is required by AR0041335, part III, (c), to perform an analysis of the Influent and Effluent flows for those pollutants listed in 40 CFR 122, Appendix D, Table III, at least once/quarter except Antimony, Beryllium, Selenium, Thallium, and Cyanide which are required to be analyzed at least once/year and is required to perform an analysis of the Influent and Effluent flows for those pollutants listed in 40 CFR 122, Appendix D, Table II, once/year.

4. **SLUDGE MONOFILL MONITORING**

As required by Jacksonville Wastewater Utility's Solid Waste Permit #219-S, the Utility has performed an analysis on the four monitoring wells and sludge for the pollutant parameters listed in the permit twice a year. In addition, sludge is monitored according to USEPA 40 CFR 503 regulations.

5. **PRETREATMENT PERFORMANCE SUMMARY**

Attached to this report is a copy of the completed EPA forms "Pretreatment Performance Summary", "Updated Significant Industrial User List", Significant Violators - Enforcement Actions Taken", and monitoring results.

6. **PRETREATMENT INVESTIGATIVE TECHNIQUES AND OUTREACH PROGRAM**

- The Utility has a program in effect that periodically checks and inspects the oil/water interceptors, sand traps, and grease interceptors to determine and observe the cleanliness and functioning of these pretreatment devices.
- The Utility has initiated a program that will inspect the health care providers within the service area for proper disposal techniques for silver and mercury.
- A representative from the Laboratory and / or Pretreatment department will conduct a privilege license inspection of each new commercial / industrial facility to be located within Jacksonville.
- The Pretreatment Coordinator is a certified Plumbing Inspector and is able to conduct Plumbing inspections of Commercial and or Industrial firms to determine if pretreatment devices are necessary before the facility opens for business.

7. **PUBLICATION OF INDUSTRIAL USERS IN SIGNIFICANT NONCOMPLIANCE**

One of Jacksonville Wastewater Utility Significant Industrial Users was in non-compliance of their discharge permit for the year 2005 and was determined SNC for the year 2005. This SIU has completed the compliance schedule requested by Jacksonville Wastewater Utility and has returned to compliance with their Industrial Wastewater Discharge Permit. All other Significant Industrial Users complied with their Industrial Wastewater Discharge Permits for 2006.

PRETREATMENT PERFORMANCE SUMMARY (PPS) PERMIT # 41335

NOTE: ALL QUESTIONS REFER TO THE INDUSTRIAL PRETREATMENT PROGRAM AS APPROVED BY THE EPA. THE PERMITTEE SHOULD NOT ANSWER THE QUESTIONS BASED ON CHANGES MADE TO THE APPROVED PROGRAM WITHOUT EPA AUTHORIZATION.

I. General Information			
Control Authority Name	Jacksonville Wastewater Utility		
Address	248 Cloverdale Road		
City	Jacksonville	State/Zip	AR 72076
Contact Person	Jon Boyles	Position	Pretreatment Coordinator
Contact Telephone Number	(501) 982-0581		
NPDES Permit Nos.	AR 0041335		
Reporting Period	January 1, 2006 through December 31, 2006		
Total Number of Categorical IUs	Two (2)		
Total Number of Significant Noncategorical IUs	Eight (8)		

II. Significant Industrial User Compliance			
		Significant Industrial Users	
		Categorical	Noncategorical
1	No. of SIUs Submitting BMRs/Total No. Required	2/2	8/8
2	No. of SIUs Submitting 90-Day Compliance Reports/No. Required	0/0	0/0
3	No. of SIUs Submitting Semiannual Reports/Total No. Required	2/2	0/0
4	No. of SIUs Meeting Compliance Schedule/Total No. Required to Meet Schedule	1/1	0/0
5.	No. of SIUs in Significant Noncompliance/Total No. of SIUs	0/2	0/8
6	Rate of Significant Noncompliance for all SIUs	0/10	

III. Compliance Monitoring Program


1	No. of Control Documents Issued/Total No. Required	<u>2/2</u>	<u>8/8</u>
2	No. of Nonsampling Inspections Conducted	<u>3</u>	<u>8</u>
3	No. of Sampling Visits Conducted	<u>4</u>	<u>14</u>
4	No. of Facilities Inspected (nonsampling)	<u>2</u>	<u>8</u>
5	No. of Facilities Sampled	<u>2/2</u>	<u>8/8</u>

IV. Enforcement Actions

		Significant Industrial Users	
		Categorical	Noncategorical
1	No. of Compliance Schedules Issued/No. of Schedules Required	<u>0</u>	<u>0</u>
2	No. of Notices of Violations issued to SIUs	<u>0</u>	<u>0</u>
3	No. of Administrative Orders Issued to SIUs	<u>0</u>	<u>0</u>
4	No. of Civil Suits Filed	<u>0</u>	<u>0</u>
5	No. of Criminal Suits Filed	<u>0</u>	<u>0</u>
6	No. of Significant Violators (attach newspaper publication)	<u>0</u>	<u>0</u>
7	Amount of Penalties Collected (total dollars/IUs assessed)	<u>0</u>	<u>0</u>
8	Other Actions (sewer bans, etc.)	<u>0</u>	<u>0</u>

The following certification must be signed in order for this form to be considered complete:

I certify that the information contained herein is complete and accurate to the best of my knowledge.



2/20/07

Authorized Representative

Date

Sam Zehtaban, Administrative Operations Manager

MONITORING RESULTS (1) FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: January 01 , 2006 TO December 31 , 2006
TREATMENT PLANT: City of Jacksonville -- J. Albert Johnson Plant NPDES PERMIT #AR0041335
AVERAGE POTW FLOW: 5.7 MGD % IU FLOW: 2.0 %

METALS, CYANIDE and PHENOLS (Total)	MAHL mg/l (2)	Influent Dates Sampled (mg/l) Once/quarter				WQ level / limit mg/l (2)	Effluent Dates Sampled (mg/l) Once/quarter				Laboratory Analysis (See Attachment PPS)	
		02- 15- 06	04- 13- 06	09- 07- 05	11- 07- 06		02- 15- 06	04- 13- 06	09- 07- 05	11- 07- 06	EPA Method Used (1)	Detection Level Achieved (ug/l)
Antimony		N/A	N/A	N/D	N/A		N/A	N/A	N/D	N/A	200.7 200.8	32 32
Cadmium		N/D	N/D	N/D	N/D		N/D	N/D	N/D	N/D	200.7 200.8	4 4
Copper		0.0360	0.0430	0.0520	0.0190		0.0089	N/D	N/D	N/D	200.7 200.8	6 6
Lead		N/D	N/D	N/D	N/D		N/D	N/D	N/D	N/D	200.7 200.8	42 42
Mercury		N/D	N/D	0.00031	0.00051		N/D	N/D	N/D	N/D	245.1	0.2
Nickel		N/D	N/D	N/D	N/D		N/D	N/D	N/D	N/D	200.7 200.8	15 15
Selenium		N/A	N/A	N/D	N/A		N/A	N/A	N/D	N/A	200.7 200.8	75 75
Silver		N/D	N/D	N/D	N/D		N/D	N/D	N/D	N/D	200.7 200.8	7 7
Zinc		0.110	0.160	0.150	0.085		0.058	0.070	0.079	0.054	200.7 200.8	2 2
Chromium		N/D	N/D	N/D	N/D		N/D	N/D	N/D	N/D	200.7 200.8	7 7
Cyanide		N/A	N/A	N/D	N/A		N/A	N/A	N/D	N/A	335.2	20
Arsenic		N/D	N/D	N/D	N/D		N/D	N/D	N/D	N/D	200.7 200.8	53 53
Molybdenum		N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
Phenols		0.0085	0.0340	0.0860	0.0580		N/D	N/D	N/D	N/D	420.1	5
Beryllium		N/A	N/A	N/D	N/A		N/A	N/A	N/D	N/A	200.8	5
Thallium		N/A	N/A	N/D	N/A		N/A	N/A	N/D	N/A	200.8	10
Flow, MGD		4.2	3.4	3.2	5.0		5.6	4.6	4.1	6.1		
(3) Toluene				0.017					N/D		625	10.0
(3)												
(3)												

(1) It is advised that the influent and effluent samples are collected considering flow detention time through each plant. Analytical MQLs should be used so that the data can also be used for Local Limits assessment and NPDES application purpose.

(2) This value was calculated during the development of TBLL based on State WQ Standards and implementation procedures.

3) Record the name of any pollutant [40 CFR 122, Appendix D, Table II and/or Table V] detected and the quantity in which they were detected.

MAHL - Maximum Allowable Headworks Level

WQ - Water Quality

ATTACHMENT PPS

METALS AND CYANIDE	RECOMMENDED EPA TEST METHOD	
	REQUIRED MQL (µg/L)	EPA APPROVED TEST METHOD
Antimony , Total Recoverable	60	200.7
Arsenic , Total Recoverable	10	206.2
Beryllium, Total Recoverable	5	200.7
Cadmium , Total Recoverable	1	213.2
Chromium Total Recoverable	10	200.7
Chromium (6+) Dissolved	10	218.4
Copper, Total Recoverable	10	220.2
Lead, Total Recoverable	5	239.2
Mercury, Total Recoverable	0.2	245.1
Nickel, Total Recoverable	40	200.7
Selenium, Total Recoverable	5	270.2
Silver, Total Recoverable	2	272.2
Thallium, Total Recoverable	10	279.2
Zinc, Total Recoverable	20	200.7
Phenols, Total Recoverable	5	420.1
Cyanide, Total Recoverable	20	335.2

**Attachment A
CITY OF JACKSONVILLE NPDES PERMIT # AR0041335
2005 PRETREATMENT PROGRAM STATUS REPORT**

Facility Name	SIC	Categorical Determination	Control Document		New User	Times Inspected	Times Sampled	Compliance Status			Discharge	
			Last Action	Y/N				BMR	90 Day Compliance	Reports		Permit Limits
									Semi-Annual	Self-Monitoring		
Ashland Specialty Chemical Company 1*	2821	Categorical # 40 CFR 414	RENEWED 2004	Y	N	1	2	N/A	N/A	RD	RD	C
Arkansas Portable Toilets/ Little John's Portable Toilets	7359	Noncategorical	ISSUED 2005	Y	N	1	2	N/A	N/A	NR	RD	C
CECA LLC 3*	3462 & 3599	Categorical # 40 CFR 433	RENEWED 2005	Y	N	2	2	N/A	N/A	RD	RD	C
Little Rock Air Force Base	9711	Noncategorical	RENEWED 2006	Y	N	1	2	N/A	N/A	NR	RD	C
National Swage 1*	3429 & 3542	Noncategorical	RENEWED 2004	Y	N	1	2	N/A	N/A	NR	RD	C
Rebsamen Medical Center	8062	Noncategorical	RENEWED 2007	Y	N	1	2	N/A	N/A	NR	RD	C
Alivity Packaging Inc.	2673, 2674, 2679, & 2759	Noncategorical	RENEWED 2006	Y	N	1	2	N/A	N/A	NR	RD	C
Two Pine Landfill	4953	Noncategorical	RENEWED 2006	Y	N	1	2	N/A	N/A	RD	RD	C
Triangle Engineering	3449 & 3479	Noncategorical	RENEWED 2005	Y	N	1	2	N/A	N/A	NR	RD	C
UNIVAR USA Inc. 2*	5169	Noncategorical	RENEWED 2006	Y	N	1	0	N/A	N/A	NR	RD	C

1* No process water discharged from this facility, domestic only discharges.

2* No process water discharge in 2006.

3* This IU failed to sample for pH in July 2005. IU July 2005 sample for Zn (p) not submitted to lab until August 31, 2005. IU failed to submit IUSM for July 2005 by August 31, 2005. JWU hand delivered NOV for these discrepancies on September 2, 2005. IU failed to adhere to compliance schedule contained in NOV. JWU determined IU SNC for these actions. JWU hand delivered a letter to IU on December 14, 2005, which discussed the IU SNC status. IU completed compliance schedule in 2006 and has since returned to Industrial Wastewater Discharge Permit compliance status.

C = Compliance, NC = Noncompliance, SNC = Significant Noncompliance, RD = Received, NR = Not Required, and N/A = Not Applicable

