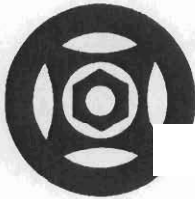
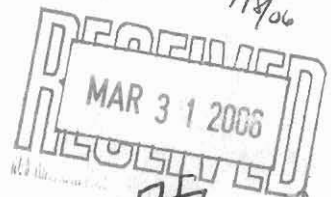


**Little Rock
Wastewater
Utility**



221 East Capitol
Little Rock, Arkansas 72202
Bus. 501-376-2903
Fax. 501-376-3541



PCS coded
ind/eff logged

March 31, 2006

HAND DELIVERED ON MARCH 31, 2006

Director
Arkansas Department of Environmental Quality
NPDES Enforcement Section
P.O. Box 8913
Little Rock, AR 72219-8913

RE: 2005 Annual Pretreatment Program Report
NPDES Permit AR0021806 – Adams Field WWTP
NPDES Permit AR0040177 – Fourche Creek WWTP

Gentlemen:

The purpose of this letter is to show compliance with the requirements found in 40 CFR 403.12(i) and the referenced NPDES permits issued to Little Rock Wastewater Utility (LRWU). During 2005, LRWU continued activities pursuant to maintaining compliance with the General Pretreatment Regulations (40 CFR 403). Enclosed with this letter is the 2005 Annual Pretreatment Program Report.

Contained within Section III of the enclosed report is a summary of the number of industrial users that have been in significant violation or significant noncompliance since 1986. During 2005, one industry was in significant noncompliance with applicable pretreatment requirements according to criteria published in 40 CFR 403 and EPA, Region VI, policy on quarterly reviews of industrial user compliance.

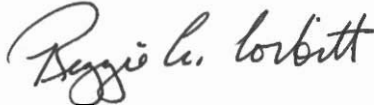
Also included in this report is an update on LRWU's industrial user list and LRWU's Pretreatment Program Status Report outlining compliance, sampling, and inspection information. The following abbreviations are used in the Pretreatment Program Status Report: C = compliance, NC = noncompliance, SNC = significant noncompliance, RD = received, and NR = not required. LRWU is also enclosing information on sampling results for influent and effluent wastewater and biosolids as required by our NPDES permits.

NPDES PERMIT FILE

NPDES # AR0021806/40177
AFIN # 60-66409/60-00409
Permit PN _____
Correspondence _____
Technical Backup _____
11/9/06 84 Date Scanned

If you have any questions concerning any of the information submitted or require additional information, do not hesitate to contact Stanley Suel at 490-5403, or me at 376-2903.

Sincerely,
LITTLE ROCK WASTEWATER UTILITY



Reggie A. Corbitt, P.E.
Chief Executive Officer

cc: Stanley Suel, Director of Environmental Assessment
Stanley Miller, Manager of Operations
Jeff Davis, Pretreatment Supervisor
Susan Samples Ledbetter, Pretreatment Supervisor
Walter Collins, Fourche Creek Superintendent
Perry Thorton, Acting Adams Field Superintendent
EAD Compiler
Reader's File

**LITTLE ROCK
WASTEWATER UTILITY**

**2005 ANNUAL
PRETREATMENT
PROGRAM REPORT**

Submitted March 31, 2006

**LITTLE ROCK WASTEWATER UTILITY
2005 ANNUAL PRETREATMENT PROGRAM REPORT**

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Section I..... 2005 Program Accomplishments

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Section VII..... Loading Trends

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**LITTLE ROCK WASTEWATER UTILITY
ENVIRONMENTAL ASSESSMENT DIVISION**

**Industrial Pretreatment Program
2005 Accomplishments**

The Industrial User Relations (IUR) Section of the Environmental Assessment Division (EAD) carries out the requirements of 40 Code of Federal Regulations Part 403 (40CFR403) General Pretreatment Guidelines. In 2005, fifty-four (54) industries, with thirty-eight (38) of SIU status, retained Industrial Wastewater Discharge Permits for controlling discharges of industrial wastewater by sampling, inspecting, and tracking compliance with applicable Federal, State, and Local regulations. Control documents were issued to sixteen (16) additional non-SIU facilities for the purpose on controlling and monitoring discharge requirements. A total of 812 inspections and investigations were conducted at industrial and commercial facilities during 2005.

The IUR Section is successful with addressing industry non-compliance and requiring necessary corrective measures to obtain a return to compliance. During 2005, twenty-nine (29) violation reports were completed to track industry violations for a return to compliance. In 2005, Dassault Falcon Jet Corporation, for violation of the cadmium Daily Maximum and Monthly Average Technical Review Criteria of 40CFR403, was the only IU in Significant Non-Compliance.

Extra strength surcharges for BOD/COD, TSS, O&G, and pH billed during the year of 2005 totaled approximately \$618,466. Landfill Leachate billing was \$191,340. The City of Little Rock Sanitary Sewer Committee's adoption of the 2005 Consolidated Fee Schedule allowed EAD to administer additional program fees totaling \$65,963. Such fees include permit fees, compliance monitoring fees, disposal fees and inspection fees.

The EAD staff promotes pollution prevention and continual IU compliance through the uses of several venues. Workshops, conferences, EPA guidance information, and award recognitions were tools employed to encourage adoption of pollution prevention activities.

Whole effluent toxicity tests were conducted once per quarter for the final effluents at both the Adams Field Wastewater Treatment Plant (AFWTP) and Fourche Creek Wastewater Treatment Plant (FCWTP). No lethal or sub-lethal toxic effects were observed for either of the AFWTP's or FCWTP's final effluents at any of required NPDES effluent test dilutions.

During 2005, Little Rock Wastewater Utility's implemented and accomplished several pretreatment program activities as listed below.

Program Development

The LinkoCTS+™ Industry Management and LinkoFOG Facility Management Standard Operating Procedures (SOP) and Event Management SOP were approved for use. EAD Staff began using the Linko Production as a database for all investigated facilities and industries. Facility events and monitoring point information is also entered into Linko.

EAD Staff utilizes a mapping program, ArcView, to locate facilities by linking the GIS No. for Linko as the BO Unique No. in ArcView. This enables facility searches in ArcView and allows ArcView to develop a color layer to identify EAD facilities and locations on ArcView maps showing sanitary sewer mains and structures.

- Slug response sample kits were constructed for the WWTP Operators to collect and preserve samples. Chain of Custody instructions, preservation methods, and pH meter calibration procedures were included for LRWU Operations. The kits will enable operators to collect and retain samples for evaluation of slug impacts.
- EAD Staff began sending out all Pretreatment Program related billing fee invoices. A spreadsheet showing monthly and yearly invoice totals is used to track the EAD related invoices mailed.
- Revisions were made to the Industrial Wastewater Discharge Permits Part II - General Conditions Reporting Requirements. The revisions updated the industry's Slug Notification Procedures required by permit.
- A presentation on LRWU's Pollution Prevention Awards Program was made by Jeff Davis, Pretreatment Supervisor, at the 21st Annual Pretreatment Conference in Irving Texas.
- Pretreatment Staff attended the *AWW&WEA Short School and Conference* held at the Hot Springs Convention Center. EAD IPP staff members made various presentations at the conference.
- A Class IV Wastewater Operator License was obtained by Louise Hogan EAD Industrial Inspector. A Class III Wastewater Operator License was obtained by Mikel Murders, EAD Industrial Inspector.
- Pretreatment Staff attended the *Healthy Environment for Hospitals Conference*, sponsored by ADEQ. This conference was an education tool for medical facility best management practices and disposal regulations.
- EAD staff collected biosolids samples and drafted documents for signature certifying biosolids land applied in 2005 were Class A Exceptional Quality.

Industrial Relations

- Pretreatment Staff planned and conducted the 8th Annual Pollution Prevention Award Program and presentation ceremony to recognize the 2005 award recipients. For 2005 the P2 Award Program presented awards to five industrial sectors during a ceremony at a City Board Meeting.
- The 2004 Excellence Awards were mailed June 30, 2005 to thirty-seven (37) qualifying facilities with perfect compliance during 2004.
- Special permitting issues in 2005:

1. Gesco - Permit closure, process wastewater discharge discontinued,
 2. Ace Plating Works - Permit closure, facility closed,
 3. Archer Daniels Midland - Permit closure, facility closed,
 4. Harcross Chemical - Permit closure, process wastewater discharge discontinued,
 5. Cooper Cameron Orbit Valve - Permit revised, new categorical process,
 6. Tire Cure Bladders L.L.C.- Permit revised, facility name and ownership changed,
 7. Air Transport International - New permit issued, facility categorical process identified through IU Survey,
 8. Diamond Bear Brewery - New permit issued, facility identified through IU Survey.
- Pretreatment staff evaluated several pretreatment and discharge issues presented by industry during 2005:
 1. EAD conducted wet well pump down testing at Little Rock City Landfill. The pump down test indicated that the meter totalizer is recording accurately. This resolved a dispute of sanitary sewer flow and billing. Flow increases occurred after the compost pad runoff was connected directly to the pump station inlet main. Flow is regulated by pumping capacity.
 2. EAD worked with LRWU Engineering to evaluate the UAMS request to connect cooling tower recirculation tanks to the sanitary sewer. LRWU approved the discharge with reporting requirements.
 3. EAD evaluated Wheatland Tube plans to replace the pretreatment final clarifier and equipment. The new system was approved, installed, and is working well.
 4. Dassault Falcon Jet construction plans were reviewed for new jet hangars. All trench drains and floor drains in the hangar service and storage area are plumbed to a 1,000 gallon holding tank with no outlet to the sanitary sewer. There is the ability to bypass the holding tank to the storm drain in the case fire suppressant is discharged. Plans were approved.
 5. Coca-Cola proposed a discharge from a can crusher operation of high strength waste product. EAD worked with Fourche Creek Wastewater Operations Division and approval was given with flow restriction requirements. A one gpm peristaltic pump for discharge will be required.

Industrial Compliance

- For 2005 one industry is Significant Non-compliance (SNC) for exceeding the TRC monthly average Metal Finishing pretreatment standards for cadmium.
- Compliance Enforcement Action, including eight (8) written Notice of Violations (NOV's) required corrective measures during 2005 for permit limit violations and prohibited discharges. Actions were taken to confirm a return to compliance for the following summary of occurrences:
 1. Interstate Highway Sign - 1 chromium violation. A NOV was issued 1/27/05. 1 pH violation.

2. St Vincent /Doctors Hospital - Mercury violations 4th Quarter 2004. NOV issued 2/1/05.
3. Odom's Tennessee Pride Sausage - 5 pH violations.
4. Dassault Falcon Jet - 1 chromium violation, 1 Nickel violation, 5 cadmium violations (SNC). NOV issued 6/27/06
5. Turner Coleman Dairy - 7 pH violations. NOV issued 11/15/05.
6. Wheatland Tube - 2 pH violations
7. Smurfit Stone Container - 1 pH violation
8. Mountain Pure Water - 2 pH violations.
9. Ameripride Linen and Apparel - An NOV was issued 05/24/05 for the discharge of prohibited solids.
10. Turner Coleman Dairy - Prohibited high organic slug load of milk.
11. Little Johns Portable Toilet - A non-compliance fee was issued for an unapproved discharge at the State Fairgrounds. The Fairground building sewer was corroded which resulted in a Sanitary Sewer Overflow of the storm drain.
12. Cooper Cameron Orbit Valve - A NOV was issued on 10/14/05 for failure to report Categorical Metal Finishing operations.
13. Air Transport International - A NOV was issued on 10/25/05 for failure to report Categorical Metal Finishing operation.
14. Coca-Cola Bottling - A NOV was issued 12/15/05 for the discharge of a prohibited slug load of corn syrup and failure to follow Spill Prevention Plan. NOV issued 12/15/05.

Inspection and Investigation

- Turner-Coleman Dairy reported discharge of 2000-5000 gallons of milk to the sanitary sewer. Notification was made 01/06/05 at 10:00 p.m. to Pretreatment Supervisor. Fourche Creek Treatment Plant (FCTP) Operations were notified. Treatment plant composite samples were examined at 8 a.m. the next morning and appeared normal for wet weather conditions. Extra BOD dilutions were requested in anticipation of higher BOD values for flow dates 01/06/05 and 01/07/05. Inspection at Turner-Coleman was conducted. A malfunctioning valve allowed whole milk to discharge to the sanitary sewer. Turner-Coleman submitted response letter to the release included operational changes for corrective action. BOD values for the FCTP confirmed the spill had minimal impact.
- EAD received notice of an SSO at the Arkansas State Fairgrounds. Investigation revealed discharges of portable toilet waste from Riverfest by Little Johns Portable Toilet Service. EAD letter to Little Johns Portable Toilet Service provided a summary of an SSO investigation and seek reimbursement of fees and costs with a non-compliance billing request and invoice.
- Coca-Cola reported a 400-gallon corn syrup slug discharge to the sanitary sewer. FCTP Operations personnel were notified. Calculations indicated the corn syrup would result in 1800 lb of BOD. Report from FCTP indicates adjustments made based on notification allowed the plant to handle the additional load. EAD performed a Spill Response Compliance Inspection at Coca-Cola. The discharge resulted in non-compliance with permit prohibited pollutant standards due to a discharge 5 times the

average concentration at a duration exceeding 15 minutes. Coca-Cola written corrective action response to the slug discharge was received.

- FCTP reported an influent pH drop to 4.8 the evening of 10/6/05. EAD responded to check the FCTP influent probe for drift using 7.0 S.U. buffer. The pH buffer reading was 6.99. The pH at the plant rose to 6.0 at the time of the pH probe check. FCTP oxygen uptake rate indicted that the slug was not highly organic. FCTP reported the next morning that the slug had minimal effect. EAD lab tested grab samples collected by ops during the slug event for BOD, COD and phosphorus. IU's contacted by EAD reported no anomalies.
- On December 21, 2005 at 4:00 p.m., FCTP reported a white shaded influent with slight foaming. COD sample collected and preserved. Influent pH was in the 7.0 S.U. range. Pretreatment Supervisor requested COD samples for the 24-Hour Composite FCTP influent and effluent. Manholes leading to the Port and College Pump Stations were inspected by EAD. No foaming or white discharge was visible. Hydrogen peroxide injection at the College Station Pump Station was initiated the morning of December 21, 2005. IU's contacted by EAD reported no anomalies.

LRWU Trap/Interceptor Program

LRWU's Trap/Interceptor Program works to reduce the discharge of fats, oils, grease, and solids to the sanitary sewer. The types of facilities inspected perform food preparation and automotive maintenance. A summary of the activities performed for this program is included at the end of this section.

- EAD inspected 411 facilities with some type of interceptor or trap. Of those facilities 11.9% were required to clean the interceptor or trap. This is a 1% decrease from 2004. Six percent of the facilities inspected were identified as needing a new grease interceptor or to replace an existing interceptor, which was not of the approved specifications.
- A total of eighty-six (86) Construction Plans were reviewed with fifty-six (56) Grease Interceptor Sizing Approvals Forms issued. EAD reviews all commercial construction plans for new facilities which may require a sand, grease, or lint interceptor.
- As a result of a Sanitary Sewer Overflow (SSO), a non-compliance fee was issued to Wal-Mart on Baseline Road in the amount of \$4942.17. Wal-Mart had installed a new pump in a private lift station which dislocated grease in the building sewer downstream to the sanitary sewer which resulted in a SSO.
- Non-compliance fees were issued to three facilities for not complying with LRWU requirements to provide adequate maintenance to the grease interceptor after second requirement was issued. All three facilities have returned to compliance:
 1. Quizno's Subs – The grease interceptor required cleaning.
 2. Little Caesar's Pizza – The grease interceptor was inaccessible for inspection and cleaning.
 3. La Huradura, Geyer Springs – The grease interceptor required cleaning and the cleanout caps were missing.

**LITTLE ROCK WASTEWATER UTILITY
TRAP CONTROL SUMMARY**

I. General Information	
Control Authority Name:	Little Rock Wastewater Utility
Address:	221 East Capital
City:	Little Rock State/Zip: Arkansas 72202
Contact Person/Title:	Stanley Suel, EAD Director
Contact Telephone Number:	501-688-1408
Reporting Period	January 1, 2005 through December 31, 2005

II. Trap Control Compliance Monitoring		
1.	Number of Trap Inspections Performed	411
2.	Number of Traps Requiring Cleaning	49
3.	Number of Traps Requiring Cleanout Replacement or Repair	16
4.	Number of Traps Requiring Repair	9
5.	Number of Facilities Requiring Trap Installation	26

III. Enforcement Actions		
1.	Number of Notice of Violations (NOV) Issued	0
2.	Number of Compliance Orders and Schedules Issued	0
3.	Number of Administrative Orders Issued	0
4.	Number of Civil Suits Filed	0
5.	Amount of Penalties Collected (Total Dollars)	0
6.	Other Actions	\$5,292.00

**LITTLE ROCK WASTEWATER UTILITY
PRETREATMENT PROGRAM
FUNDING/EXPENDITURE REPORT**

	<u>2005 Actual</u>	<u>2006 Estimated</u>
Funding		
Surcharge Program	\$618,466	\$630,835
Hauled Liquid Waste/Landfill Leachate Program	\$191,340	\$150,000
Permitted Industrial Wastewater Discharge Fees	\$45,270	\$45,270
Trap/Interceptor Control Program Fees	\$5,892	\$8,000
Domestic Septage Waste Hauler Fees	\$1,700	\$1,734
Landfill Permit Fees	\$500	\$500
Diversion / Sewer Meter Fees	\$6,000	\$6,000
Total Funding	\$869,168	\$842,339
O&M Expenditures		
Salary		
Employee Salaries	\$509,232	\$552,518
Employee Benefits	\$224,227	\$243,012
Supplies/Maintenance		
Supplies/Equipment Maintenance	\$57,316	\$73,620
Vehicle Maintenance	\$7,283	\$10,375
Other		
Training and Development	\$4,840	\$5,960
Contract Services	\$11,217	\$16,425
Telephone	\$4,624	\$1,463
Total O&M Expenditures	\$818,739	\$903,372
Capital Expenditures		
O&G Testing Manifold, Fume Hood	\$13,352	\$32,000
Replace Sampling Stepvan	\$37,660	
New EAD Trap Program Vehicle		\$18,000
Replace Laboratory Fume Hoods		\$63,000
Replace Flame/Furnace/Mercury AA System		\$127,000
Total Capital Expenditures	\$51,012	\$240,000
Total Expenditures	\$869,751	\$1,143,372

2005 Fees Billed Year to Date

Fee Schedule	Description	Total Billed
3.1	Fees for Other Approved Wastewater Sources	
3.1.1	New Industrial Permit Application Fee (each facility)	\$500
3.1.2	Industrial Permit Modification or Permit Transfer Fee (each action)	\$500
3.1.3	Federal Categorical Discharger - Annual Permit Fee (each outfall)	\$10,500
3.1.4	Federal Categorical "Zero" Discharger - Annual Permit Fee (each)	\$1,750
3.1.5	Significant Industrial User - Annual Permit Fee (each outfall)	\$18,000
3.1.6	Other Regulated Industrial Users - Annual Permit Fee (each outfall)	\$7,500
3.1.7	Other Regulated Industrial Users "Zero" Discharge - Annual Permit Fee (each outfall)	\$500
3.1.8	Industrial Noncompliance Inspection, Sampling, and/or Testing (each occurrence)	\$6,020
3.1.9	Industrial Late Reporting Fee (each occurrence)	\$0
	Sub Total	\$45,270
3.2	Trap/Interceptor (T/I) Control Program-Landowner/Lessee/Tenant Fees	
3.2.1	Review Fee - Redevelopment to Determine Adequacy of Existing T/I	\$50
3.2.2	T/I Variance Request from Approved Specifications	\$600
3.2.3	T/I Follow-up Noncompliance Inspection (1st occurrence)	\$300
3.2.4	T/I Noncompliance Past LRWU Requirement (each past 1st occurrence)	\$0
3.2.5	T/I Noncompliance Sampling and/or Testing (each occurrence)	\$4,942
	Sub Total	\$5,892
3.3	Domestic Septage Disposal Fees (Accepted Only From Approved Sources)	
3.3.1	HLW Disposal Fee < 1000 Gallon Tanker Capacity (each load)	\$0
3.3.2	HLW Disposal Fee > 1000 Gallon Tanker Capacity (each load)	\$6,600
	Sub Total	\$6,600
3.4	Permitted Domestic Waste Hauler/Owner/Operator Fees	
3.4.1	HLW New Permit Application Fee (each facility)	\$0
3.4.2	HLW Permit Modification or Permit Transfer Fee (each action)	\$0
3.4.3	Domestic Septage Waste Haulers - Annual Permit Fee	\$1,500
3.4.4	Domestic Septage Waste Hauler Tanker Fee - (each truck or tanker)	\$200
3.4.5	HLW Noncompliance Inspection, Sampling, and/or Testing (each occurrence)	\$0
3.4.6	HLW Late Reporting Fee (each occurrence)	\$0
	Sub Total	\$1,700
3.5	Permitted Landfill Owner/Operator Fees	
3.5.1	Landfill New Permit Fee (each facility)	\$0
3.5.2	Landfill Permit Modification or Permit Transfer Fee (each action)	\$0
3.5.3	Landfill Operator - Annual Permit Fee	\$500
3.5.4	Landfill Noncompliance Inspection, Sampling, and/or Testing (each occurrence)	\$0
3.5.5	Landfill Late Reporting Fee (each occurrence)	\$0
	Sub Total	\$500
3.6	Permitted Landfill Leachate Hauler Fees	
3.6.1	Landfill Leachate New Permit Application Fee (each facility)	\$0
3.6.2	Landfill Leachate Permit Modification or Permit Transfer Fee (each action)	\$0
3.6.3	Landfill Leachate Hauler - Annual Permit Fee	\$0
3.6.4	Landfill Leachate Tanker Fee - (each truck or tanker)	\$0
3.6.5	Landfill Leachate Noncompliance Inspection, Sampling, and/or Testing (each occurrence)	\$0
3.6.6	Landfill Leachate Late Reporting Fee (each occurrence)	\$0
	Sub Total	\$0
3.7	Permitted Mobil Pressure Wash Owner/Operator Fees	
3.7.1	Mobil Pressure Wash Operator New Permit Application Fee	\$0
3.7.2	Mobil Pressure Wash Operator - Annual Permit Fee	\$0
3.7.3	Mobil Pressure Wash Operator Tanker Fee - (each truck or tanker)	\$0
3.7.4	Mobil Pressure Wash Operator Disposal Fee <1000 Gallon Tanker Capacity (each load)	\$0
3.7.5	Mobil Pressure Wash Operator Disposal Fee > 1000 Gallon Tanker Capacity (each load)	\$0
3.7.6	Mobil Pressure Wash Operator Noncompliance Inspection, Sampling, and/or Testing (each occurrence)	\$0
3.7.7	Mobil Pressure Wash Operator Late Reporting Fee (each occurrence)	\$0
	Sub Total	\$0
3.8	Diversion and Sewer Meter Inspection Fees	
3.8.1	New Meter Installation - Review, On-site, Inspection, and Approval	\$0
3.8.2	Meter Annual Inspection (each meter and meter type)	\$6,000
	Sub Total	\$6,000
3.9	Fees for Other Approved Wastewater Sources	
3.9.1	New Restricted Short Term Authorization - Application Fee	\$0
3.9.2	New Special Discharge Permit - Application Fee	\$0
3.9.3	New Special Discharge Permit - Annual Permit Fee (each outfall)	\$0
3.9.4	Wastewater Disposal Fee	\$0
3.9.5	Special Discharge Compliance Inspection, Monitoring, and Testing (each)	\$0
3.9.6	Special Discharge Noncompliance Inspection, Sampling, and/or Testing	\$0
3.9.7	Special Discharge Late Reporting Fee (each occurrence)	\$0
	Sub Total	\$0
Total		\$65,963

LITTLE ROCK WASTEWATER UTILITY 2005 PRETREATMENT PROGRAM STATUS REPORT

February 28, 2006

Facility Name	SIC	Categorical Determination	Control Document		New User	Times Inspected	Times Sampled	Compliance Status				
			Last Action	Y/N				Reports				Effluent Limits
								BMR	90 Day Compliance	Semi-Annual	Self Monitoring	
Ace Plating Works, Inc.	3471	40 CFR 433	CLOSED 4/29/05	Y	N	1	0	N/A	N/A	NR	NR	NO 433 DISCHARGE
Air Transport International	3721 3724	40 CFR 433	ISSUED 12/14/2005	Y	Y	3	0	NR	N/A	NR	NR	NO 433 DISCHARGE
Arkansas Painting and Specialties	3714	40 CFR 433	RENEWED 12/15/05	Y	N	2	4	N/A	N/A	RD	RD	C
Central Jet (Central Flying Service)	4581	40 CFR 433	RENEWED 9/01/2004	Y	N	1	4	N/A	N/A	NR	NR	NO 433 DISCHARGE
CertainTeed	2952	40 CFR 443	RENEWED 5/01/2004	Y	N	1	26	N/A	N/A	RD	RD	C
Dassault Falcon Jet Corp	3728	40 CFR 433	RENEWED 12/01/2004	Y	N	2	29	N/A	N/A	RD	RD	SNC - Cd
Essick Air	3499	40 CFR 433	RENEWED 11/01/04	Y	N	1	7	N/A	N/A	RD	RD	C
Hillcrest Camshaft Service, Inc.	3714	40 CFR 433	REVISED 12/21/2004	Y	N	1	0	N/A	N/A	NR	NR	NO 433 DISCHARGE
Interstate Highway Sign Company	3993 7399	40 CFR 433	RENEWED 2/01/2004	Y	N	3	23	N/A	N/A	RD	RD	NC - pH and Cr
Orbit Valve Company	3494	40 CFR 433	REVISED 12/15/2005	Y	N	2	5	RD	N/A	NR	NR	NO 433 DISCHARGE
Quality Bearing	3562 3471	40 CFR 433	RENEWED 5/01/2005	Y	N	1	0	N/A	N/A	NR	NR	NO 433 DISCHARGE
Raytheon Aircraft Company	3721	40 CFR 433	RENEWED 2/01/04	Y	N	2	0	N/A	N/A	NR	NR	NO 433 DISCHARGE
Silverwood Products	3998	40 CFR 433	RENEWED 2/01/2004	Y	N	1	2	N/A	N/A	RD	RD	C
Smith Glass & Mirror	7699	40 CFR 413	RENEWED 11/30/05	Y	N	2	0	N/A	N/A	NR	NR	NO 433 DISCHARGE
St. Vincent Hospital	8062 2834	40 CFR 439	REVISED 12/22/04	Y	N	2	15	RD	N/A	RD	RD	C
Tire Curing Bladders	3011	40 CFR 428	RENEWED 12/22/2004	Y	N	2	2	N/A	N/A	NR	NR	NO 428 DISCHARGE
Wheatland Tube - Omega Division	3317	40 CFR 420	RENEWED 8/01/2004	Y	N	2	41	N/A	N/A	RD	RD	NC - pH

**LITTLE ROCK WASTEWATER UTILITY
2005 PRETREATMENT PROGRAM STATUS REPORT**

February 28, 2006

Facility Name	SIC	Categorical Determination	Control Document		New User	Times Inspected	Times Sampled	Compliance Status				
			Last Action	Y/N				Reports				Effluent Limits
								BMR	90 Day Compliance	Semi-Annual	Self Monitoring	
Ameripride Linen and Apparel Services	7218	N/A	RENEWED 12/15/05	Y	N	3			By POTW		NC -solids	
Archer Daniels Midland	2074 2075	N/A	CLOSED 9/27/05	Y	N	1			By POTW		C	
Arkansas Childrens Hospital	8062	N/A	REVISED 12/22/04	Y	N	1			By POTW		C	
Arkansas Mental Health Services	8062	N/A	RENEWED 3/01/03	Y	N	1			By POTW		C	
Baptist Med Center	8062	N/A	RENEWED 7/01/03	Y	N	1			By POTW		C	
Best Foods	2099	N/A	RENEWED 12/01/2004	Y	N	1			By POTW		C	
Coca-Cola Bottling	2086	N/A	RENEWED 2/01/2005	Y	N	3			By POTW		C	
Turner Coleman Dairy	2024 2026	N/A	RENEWED 10/01/2005	Y	N	4			By POTW		NC - pH	
Dusty Mop and Mat	7218	N/A	RENEWED 5/31/2005	Y	N	1			By POTW		C	
Jack Wilson WTP	4941	N/A	RENEWED 2/01/04	Y	N	1			By POTW		C	
Little Rock Central Laundry	7218	N/A	RENEWED 6/01/2005	Y	N	1			By POTW		C	
Little Rock City Landfill	5622	N/A	RENEWED 4/01/04	Y	N	1			By POTW		C	
McClellan VA Medical Hospital	8062	N/A	RENEWED 6/01/04	Y	N	1			By POTW		C	
Mountain Pure Holding, L.L.C.	5149	N/A	RENEWED 1/10/05	Y	Y	1			By POTW		NC - pH	
National By-Products	2077	N/A	RENEWED 4/01/2004	Y	N	1			By POTW		NO DISCHARGE	
Odom's Tennessee Pride Sausage	2013	N/A	RENEWED 10/01/2004	Y	N	2			By POTW		NC - pH	
Ozark Point WTP	4941	N/A	RENEWED 11/15/05	Y	N	1			By POTW		C	
St. Vincent/Doctors Hospital	8062	N/A	RENEWED 6/01/04	Y	N	1			By POTW		C	

**LITTLE ROCK WASTEWATER UTILITY
2005 PRETREATMENT PROGRAM STATUS REPORT**

February 28, 2006

Facility Name	SIC	Categorical Determination	Control Document		New User	Times Inspected	Times Sampled	Compliance Status				
			Last Action	Y/N				Reports				Effluent Limits
								BMR	90 Day Compliance	Semi-Annual	Self Monitoring	
Stone Container Corp.	2653	N/A	RENEWED 1/01/2005	Y	N	2	23			By POTW		NC -pH
Univ. of Ark Med Center	8062	N/A	RENEWED 2/01/03	Y	N	1	2			By POTW		C
Weyerhaeuser Packaging, 22nd St.	2653 2649	N/A	RENEWED 10/01/04	Y	N	1	13			By POTW		C

PRETREATMENT PERFORMANCE SUMMARY (PPS)

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	<u>Little Rock Wastewater Utility</u>		
Address	<u>221 East Capitol</u>		
City	<u>Little Rock</u>	State/Zip	<u>AR 72202</u>
Contact Person	<u>Stanley Suel</u>	Position	<u>Director EAD</u>
Contact Telephone Number	<u>(501) 688-1408</u>		
NPDES Permit No's.	<u>AR 0040177 & AR 0021806</u>		
Reporting Period	<u>January 1, 2005 through December 31, 2005</u>		
Total Number of Categorical IUs	<u>17</u>		
Total Number of Significant Non-categorical IUs	<u>21</u>		

II. Significant Industrial User Compliance			
		Significant Industrial Users	
		Categorical	Noncategorical
1	No. of SIUs Submitting BMRs/Total No. Required	<u>1 / 1*</u>	<u>0 / 0</u>
2	No. of SIUs Submitting 90-Day Compliance Reports/No. Required	<u>0 / 0</u>	<u>0</u>
3	No. of SIUs Submitting Semiannual Reports/Total No. Required	<u>8 / 8</u>	<u>0 / 0</u>
4	No. of SIUs Meeting Compliance Schedule/Total No. Required to Meet Schedule	<u>0 / 0</u>	<u>0 / 0</u>
5.	No. of SIUs in Significant Noncompliance/Total No. of SIUs	<u>1 / 17</u>	<u>0 / 21</u>
6	Rate of Significant Noncompliance for all SIUs	<u>1 / 38</u>	

III. Compliance Monitoring Program			
1	No. of Control Documents Issued/Total No. Required	<u>5 / 5</u>	<u>8 / 8</u>
2	No. of Non-sampling Inspections Conducted	<u>29</u>	<u>30</u>
3	No. of Sampling Visits Conducted	<u>158</u>	<u>428</u>
4	No. of Facilities Inspected (non-sampling)	<u>17</u>	<u>21</u>
5	No. of Facilities Sampled	<u>11**</u>	<u>20***</u>

IV. Enforcement Actions			
		Significant Industrial Users	
		Categorical	Noncategorical
1	No. of Compliance Schedules Issued/No. of Schedules Required	<u>0 / 0</u>	<u>0 / 0</u>
2	No. of Notices of Violations issued to SIUs	<u>4</u>	<u>4</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>1</u>	<u>0</u>
7	Amount of Penalties Collected (total dollars/IUs assessed) ****	<u>\$1,973 / 3</u>	<u>\$3,580 / 5</u>
8	Other Actions (sewer bans, etc.)	<u>0</u>	<u>0</u>

*Cooper Cameron Orbit Valve submitted BMR testing for 40CFR433 Metal Finishing applicable processes. There is zero discharge of wastewater subject to metal finishing pretreatment standards.

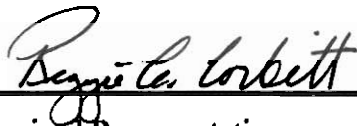
** Six categorical IU's: Quality Bearing, Smith Glass, Air International, Raytheon Aircraft, Hillcrest Camshaft, and Ace Plating Works- Domestic discharge only. No regulated discharge.

*** National By-Products- domestic only.

**** LRWU Consolidate Fee Schedule allows for non-compliance fees based on sampling, testing and inspection costs

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

In accordance with the certification statement found in the NPDES Permits issued to Little Rock Wastewater Utility (Part II D. 11. c.): 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.



Authorized Representative

Reggie A. Corbitt, Chief Executive Officer

March 31, 2006

Date

**LITTLE ROCK WASTEWATER UTILITY
SUMMARY OF INDUSTRIAL USER NONCOMPLIANCE
1986 THROUGH 2005**

<u>Year</u>	<u>Number of IUs In Significant Violation or Significant Noncompliance</u>
1986	18 – Significant Violation
1987	9 – Significant Violation
1988	8 – Significant Violation
1989	4 – Significant Violation
1990	4 – Significant Noncompliance
1991	1 – Significant Noncompliance
1992	2 – Significant Noncompliance
1993	1 – Significant Noncompliance
1994	3 – Significant Noncompliance
1995	0 – Significant Noncompliance
1996	0 – Significant Noncompliance
1997	4 – Significant Noncompliance
1998	1 – Significant Noncompliance
1999	2 – Significant Noncompliance
2000	3 – Significant Noncompliance
2001	1 – Significant Noncompliance
2002	2 – Significant Noncompliance
2003	3 – Significant Noncompliance
2004	1 – Significant Noncompliance
2005	1 – Significant Noncompliance

SIGNIFICANT NONCOMPLIANCE LIST 2005

Dassault Falcon Jet Company

Dassault Falcon Jet was in Significant Noncompliance for 2005 due to violations of the day maximum and monthly average limit for Cadmium in May and June of 2005. For the Quarterly Compliance Evaluation periods, January 2005 through June 2005 and April 2005 through September 2005, the Cadmium daily maximum and monthly average limit Technical Review Criteria, TRC, (1.2 times the limit), was exceed 47% and 39% meeting the Significant Noncompliance TRC listed in 40 CFR 403.8(f)(2)(vii)(B).

A Notice of Violation stating Significant Noncompliance was issued to Dassault Falcon Jet on June 27, 2005 requiring corrective measures to prevent reoccurrence of the violation. July 2005 monitoring showed a return to compliance.

Public Notice Little Rock Wastewater Utility

In accordance with the U.S. Environmental Protection Agency rule published as 40 CFR 403.8(f)(2)(vii), Little Rock Wastewater Utility is providing notification that, during 2005, Dassault Falcon Jet Corporation was in Significant Noncompliance with pretreatment requirements contained in regulations governing the discharge of industrial wastewater. The facility has returned to compliance.

Arkansas Democrat Gazette

STATEMENT OF LEGAL ADVERTISING

LR WASTEWATER UTILITY
P O BOX 45090
LITTLE ROCK AR 72214

REMIT TO:
ARKANSAS DEMOCRAT-GAZETTE, INC.
P.O. BOX 2221
LITTLE ROCK, AR 72203

ATTN: George

DATE : 03/11/06 INVOICE #: 2006682
ACT #: L809616 P.O. #: A16070

BILLING QUESTIONS CALL 378-3812

STATE OF ARKANSAS,
COUNTY OF PULASKI, } ss.

AD COPY

I, Elizabeth Myers do solemnly swear that I am the Legal Billing Clerk of the Arkansas Democrat - Gazette, a daily newspaper printed and published in said County, State of Arkansas; that I was so related to this publication at and during the publication of the annexed legal advertisement in the matter of:

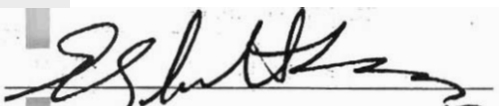
epa notice

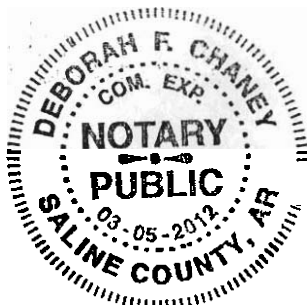
pending in the Court, in said County; and at the dates of the several publications of said advertisement stated below, and that during said periods and at said dates, said newspaper was printed and had a bona fide circulation in said County; that said newspaper had been regularly printed and published in said County, and had a bona fide circulation therein for the period of one month before the date of the first publication of said advertisement; and that said advertisement was published in the regular daily issues of said newspaper as stated below.


PUBLIC NOTICE
Little Rock Wastewater Utility
In accordance with the U.S. Environmental Protection Agency rule published as 40 CFR 403.5(d)(2)(vii), Little Rock Wastewater Utility is providing notification that, during 2005, Dassault Falcon Jet Corporation was in Significant Noncompliance with pretreatment requirements contained in regulations governing the discharge of industrial wastewater. The facility has returned to compliance.
36350303

DATE	DAY	LINAGE	RATE	DATE	DAY	LINAGE	RATE
0 /11	Sat	19	1.25				

TOTAL COST ----- 23.75
Billing Ad #: 36350303


Subscribed and sworn to me this 13 day of March, 2006




Notary Public

**LITTLE ROCK WASTEWATER UTILITY
2005 INDUSTRIAL USER LIST**

February 28, 2006

No. of Permitted IU's Classified as Federal Categoricals	17
No. of Permitted IU's Classified as Significant Industrial Users	21
No. of Permitted IU's Classified as Non-Significant Industrial Users	14
No. of Special Permits for Landfill Leachate (hailed by tanker truck)	2
Total No. of IU's Permitted by LRWU	54

Categorical Industries

Facility Name	Classification	Federal Cat. Standard No.	Manufacturing Process	Total Flow (gpd)	Work Days/Month	Routine Pollutant Monitoring/Other
Ace Plating Works, Inc.	Federal Categorical	40 CFR 433	Electroplating Job Shop	0	22	Permit to discharge domestic wastewater only
Air Transport International	Federal Categorical	40 CFR 433	Aircraft Brake Repair	600	22	Permit to discharge domestic wastewater only
Arkansas Painting and Specialties	Federal Categorical	40 CFR 433	Phosphate Coating	100	22	pH Zn / CN- Ni Cu Pb Cd Cr Ag
Central Jet Group - Little Rock	Federal Categorical	40 CFR 433	Aircraft Refurbishing	7,380	30	pH/Permit to discharge nonregulated wastewater
CertainTeed Corporation	Federal Categorical	40 CFR 443	Asphalt Rolled Roofing Production	45,697	30	TSS, O&G, pH
Dassault Falcon Jet Corp	Federal Categorical	40 CFR 433	Custom Jet Aircraft	20,816	22	pH Cu Cr Zn Ni CN-(t) /CN-(a-c) Cd Pb Ag TTO
Essick Air Products	Federal Categorical	40 CFR 433	Iron Phosphate Coating	16,545	22	Zn / Cr Pb pH Cd CN(t) Ni Cu Ag
Hillcrest Camshaft Service, Inc.	Federal Categorical	40 CFR 433	Electroplating New Source	0	22	Cr Zn Pb pH / Cd CN(t) Ni Cu Ag
Interstate Highway Sign Company	Federal Categorical	40 CFR 433	Highway Signs	2,484	22	Cr pH / Cu Zn Pb Cd Ni Ag CN(t)
Orbit Valve Company	Federal Categorical	40 CFR 433	Steel Oil Field Valves	43,100	22	Zn Pb pH/ Permit to discharge nonregulated wastewater
Quality Bearing	Federal Categorical	40 CFR 433	Chrome Plating	3,309	22	Permit to discharge domestic wastewater only
Raytheon Aircraft Company	Federal Categorical	40 CFR 433	Custom Jet Aircraft	5,784	30	Permit to discharge domestic wastewater only
Silverwood Products	Federal Categorical	40 CFR 433	Framed Mirrors	56	22	Permit to discharge domestic wastewater only
Smith Glass and Mirror	Federal Categorical	40 CFR 433	Resilver Mirrors	50	22	Permit to discharge domestic wastewater only
St Vincent Hospital	Categorical	40 CFR 439	Hospital/PETNET	86,965	30	COD O&G pH / Hg(t) Ag BOD TSS CN(t)
Tire Cure Bladders	Federal Categorical	40 CFR 428	Rubber Tire Curing Bladders	20,844	30	Permit to discharge nonregulated wastewater
Wheatland Tube - Omega Division	Federal Categorical	40 CFR 420	Iron and Steel Coating (Pipe and Tube)	5,907	24	CrVI Zn pH Pb Napthalene Tetrachloroethelene COD/ BOD

**LITTLE ROCK WASTEWATER UTILITY
2005 INDUSTRIAL USER LIST**

February 28, 2006

Significant Non-Categorical Industries

Facility Name	Classification	Federal Cat. Standard No.	Manufacturing Process	Total Flow (gpd)	Work Days/Month	Routine Pollutant Monitoring/Other
Ameripride Linen and Apparel	SIU		Laundry	28,313	22	COD TSS O&G pH / BOD
Archer Daniels Midland	SIU		Soybean Meal and Oil	13,893	30	BOD pH Temp / Hexane O&G TSS COD
Arkansas Childrens Hospital	SIU		Hospital	85,850	30	East: COD TSS O&G pH / Hg Ag BOD West: BOD TSS O&G pH / Hg Ag COD
Arkansas Mental Health Services	SIU		Hospital	36,696	30	COD TSS O&G pH / BOD
Baptist Med Center	SIU		Hospital	217,724	30	BOD TSS O&G pH / Ag Hg
Unilever Best Foods	SIU		Peanut Butter	19,680	22	COD TSS O&G pH / BOD
Coca-Cola Bottling	SIU		Soft Drink Bottling	115,838	22	COD TSS O&G pH / BOD
Turner-Coleman Dairy	SIU		Dairy Products & Bottled Water	118,818	30	BOD TSS O&G pH
Dusty Mop and Mat	SIU		Industrial Laundry	15,302	16	BOD TSS O&G pH
Jack Wilson WTP	SIU		Water Treatment Plant	149,855	30	COD TSS pH / BOD
Little Rock Central Laundry	SIU		Industrial Laundry	53,748	26	BOD TSS O&G pH
Little Rock Landfill	SIU		Municipal Landfill	65,400	30	As Cd Cu Cr Pb Ni Mo Hg Ag Se Zn B Mn pH CN(t)
McClellan VA Hospital	SIU		Hospital	97,047	30	COD O&G pH / Hg Ag BOD TSS
Mountain Pure Holding	SIU		Fruit Juice and Water Bottling	62,790	30	BOD TSS O&G pH
National By Products	SIU		Grease Recycling	1,042	22	BOD TSS O&G pH
Odom's Tennessee Pride Sausage	SIU		Slaughter & Package Pork	257,226	22	BOD TSS O&G pH
Ozark Point WTP	SIU		Water Treatment Plant	90,221	30	COD TSS pH / BOD
St. Vincent/Doctors Hospital	SIU		Hospital	55,676	55676	COD pH / Ag Hg, BOD, TSS, O&G
Stone Container Corp.	SIU		Corrugated Boxes	26,520	22	BOD TSS O&G pH / Cu
Univ. of Ark Med Center	SIU		Hospital	202,245	30	BOD TSS O&G pH Hg Ag / COD
Weyerhaeuser Packaging	SIU		Corrugated Boxes/Printing	30,269	30	COD TSS O&G pH Temp Cu / BOD

Non-Significant Industries

Facility Name	Classification	Federal Cat. Standard No.	Manufacturing Process	Total Flow (gpd)	Work Days/Month	Routine Pollutant Monitoring/Other
Arkansas Electric Cooperative	Non-SIU		Electrical Equipment Repair	250 batch	22	PCB's O&G pH Cd Cu Pb Zn
BFI Landfill	Non-SIU		Landfill	8,969	30	As Cd Cu Cr Pb Ni Mo Hg Ag Se Zn B Mn pH CN(t)
Celestica	Non-SIU		Telecommunications	12,801	22	pH
Democrat Printing	Non-SIU		Printing Company	4,043	30	COD pH TSS O&G / Ag Zn Pb Cu Se BOD
Gesco, Inc.	Non-SIU		Barrel Reclaimer	100	22	No Process Discharge
Good Old Days Foods	Non-SIU		Frozen Fruit Cobbler	5,714	22	BOD TSS O&G pH
Clark Machinery	Non-SIU		Construction Equipment	829	22	pH O&G / COD TSS BOD Hg
Griffin Industries	Non-SIU		Pork Hide Drying	1,125	22	BOD TSS O&G pH
Harcross Chemical	Non-SIU		Bulk Chemical Distribution/Sales	155	22	CN As Ag Cd Cu Cr Ni Pb Hg Se Zn PP-Table II, III, and VI
I-30 Tank Wash	Non-SIU		Truck Wash	1,544	22	COD TSS O&G pH / BOD
Munsey Products	Non-SIU		Toaster Assembly	481	22	pH Cr Ni Zn
Southwest Hospital	Non-SIU		Hospital	14,368	30	BOD TSS O&G pH / Ag
Pepsi America	Non-SIU		Distribution	1,751	22	pH
Weyerhaeuser, Vimy Ridge Road	Non-SIU		Corrugated Boxes	6,973	22	BOD TSS O&G pH / Cu

Landfill Leachate (Hauled by Tanker Truck)

Facility Name	Classification	Federal Cat. Standard No.	Manufacturing Process	Total gal/2005	Work Days/Month	Routine Pollutant Monitoring/Other
Two Pine Landfill	Non-SIU		Landfill	0	22	As Cd Cu Cr Pb Ni Mo Hg Ag Se Zn B Mn pH CN(t) O&G
Jefferson County Landfill	Non-SIU		Landfill	0	22	As Cd Cu Cr Pb Ni Mo Hg Ag Se Zn B Mn pH CN(t) O&G

SUMMARY OF ANALYTICAL RESULTS

INFLUENT AND EFFLUENT ANALYSES OF TREATMENT PLANTS

Priority Pollutant Scans were conducted on the Adams Field and Fourche Creek Wastewater Treatment Plant influent and effluent flows in accordance with our NPDES permit requirements. Compounds analyzed include metals, cyanide, phenols, volatile organics, base/neutral and acid extractable organics, and Pesticides/PCBs. Results of the analyses are organized in tables in the following order:

- **AFWTP 2005 Sample Results** - Includes required test data for parameters from 40 CFR Part 122, Appendix D, Table III. Sampling and testing frequency requirements for Table III parameters are quarterly (NPDES Permit AR 0021806 Part III). Influent and effluent samples were collected with respect to the detention time across the treatment plant for the sampling events. Table III parameters include total arsenic, cadmium, copper, chromium, lead, mercury, nickel, silver, selenium, zinc, antimony, thallium, beryllium, cyanide and phenols. Other parameters collected quarterly include molybdenum and oil and grease.
- **FCWTP 2005 Sample Results** - Includes required test data for parameters from 40 CFR Part 122, Appendix D, Table III. Sampling and testing frequency requirements for Table III parameters are quarterly (NPDES Permit AR 0040177 Part III). Influent and effluent samples were collected with respect to the detention time across the treatment plant for the sampling events. Table III parameters include total arsenic, cadmium, copper, chromium, lead, mercury, nickel, silver, selenium, zinc, antimony, thallium, beryllium, cyanide and phenols. Other parameters collected quarterly include molybdenum and oil and grease.
- **Treatment Plant Removal Efficiencies** - Includes the metals removal rates for both the Adams Field and Fourche Creek Treatment plants.
- **LRWU 2005 Priority Pollutant Scan - Organic Fractions** - Includes required test data from 40 CFR Part 122, Appendix D, Table II divided into two parts. The first part identifies the positive measurements of organic compounds in the influent and effluent from both treatment plants from 2005. Part II includes a summary of positive measurements from 1996 through 2005. Table II monitoring frequency for 2005 is once per year for the Fourche Creek Treatment Plant influent and effluent in accordance with the NPDES permit (NPDES Permit AR 0040177). The Adams Field Treatment Facility NPDES permit requires Table II monitoring once every six months. Monitoring was performed in May and September 2005. Organic fraction charts trend detections for 1991 through 2005.
- **Treatment Plant 1994-2005 Concentration Trends** – This section includes graphs showing influent and effluent concentration trends for the past twelve years.

**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: JANUARY 1, 2005 TO DECEMBER 31, 2005**

TREATMENT PLANT: CITY OF LITTLE ROCK - ADAMS FIELD WASTEWATER TREATMENT PLANT

NPDES PERMIT NO.: AR0021806

AVERAGE POTW FLOW: 19.37 MGD PERCENT (%) IU FLOW: 7.1 %

PLANT INFLUENT	Flow MGD	O&G mg/L	CN- mg/L	Zn mg/L	Cd µg/L	Cr µg/L	Ag µg/L	Cu µg/L	Mo µg/L	Ni µg/L	Pb µg/L	As µg/L	Se µg/L	Hg µg/L	Phenol µg/L	Sb mg/L	Be mg/L	Tl mg/L	Mn mg/L	Ba mg/L	B mg/l
EPA Test Method Used	413.1	335.2	289.1	213.2	218.2	272.2	220.2	246.2	249.2	239.2	206.2	270.2	245.2	420.1	200.8	200.8	200.8	243.1	208.1	200.7	
Detection Level Achieved	1.0	0.01/0.02	0.006	0.1	0.3	0.1	2	1	2	1	1	0.2	3	0.003/0.05	0.0003/0.005	0.001/0.002	0.002	0.04	0.1		
01/25/2005	19.57			0.228	< 0.1	4.0	3.9	29	8	6	2	< 1	< 1	0.3							
02/22/2005	19.16	162.5	< 0.01												19						
02/23/2005	36.24			0.143	< 0.1	2.2	2.3	21	4	30	2	1	< 1	0.3		< 0.003	< 0.0003	< 0.001			
03/01/2005	21.10			0.124	< 0.1	3.1	2.9	30	5	34	< 2	< 1	< 1	< 0.2							
03/30/2005	31.60	17.3																			
04/13/2005	35.66			0.112	0.2	4.8	2.5	32	5	8	2	1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002			
05/25/2005	20.80			0.167	0.7	4.4	7.9	57	18	5	3	2	< 1	0.4							
05/31/2005	17.78	14.6	< 0.01												29						
06/29/2005	15.66			0.237	1.0	11.0	4.2	64	9	20	5	2	< 1	0.6							
07/11/2005	14.37			0.174	0.2	4.8	4.7	42	9	3	2	2	< 1	0.3		< 0.050	< 0.0050	< 0.002			
08/09/2005	17.21			0.17	< 0.1	5.6	5.6	48	11	2	7	2	< 1	0.3					0.523	< 0.04	0.16
08/29/2005	21.89	18.7	< 0.01												24						
09/13/2005	14.18			0.187	0.8	6.2	8.0	42	14	12	4	< 1	< 1	0.5							
10/24/2005	11.94	26.0	< 0.02												29						
11/22/2005	10.69			0.14	0.2	5.1	3.0	41	12	6	< 2	2	< 1	< 0.2							
12/01/2005	15.38			0.142	< 0.1	11.3	8.0	43	7	4	2	2	< 1	< 0.2		< 0.050	< 0.0050	< 0.002			
Average	20.20	47.8	< 0.01	0.166	0.3	5.7	4.8	41	9	12	3	2	< 1	0.3	25	< 0.038	< 0.0038	< 0.002	0.523	< 0.04	0.16
Maximum	36.24	162.5	< 0.02	0.237	1.0	11.3	8.0	64	18	34	7	2	< 1	0.6	29	< 0.050	< 0.0050	< 0.002	0.523	< 0.04	0.16
Minimum	10.69	14.6	< 0.01	0.112	< 0.1	2.2	2.3	21	4	2	< 2	< 1	< 1	< 0.2	19	< 0.003	< 0.0003	< 0.001	0.523	< 0.04	0.16
Headworks limit			0.09	0.36	9.0	260.0	180.0	270		160	50	14	10	0.2							

Comments: There was a sampling error for the 24-hour composite sample collected for flow date 10/25/05; the plant influent sample (001P-016) is invalid.

**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: JANUARY 1, 2005 TO DECEMBER 31, 2005**

TREATMENT PLANT: CITY OF LITTLE ROCK - ADAMS FIELD WASTEWATER TREATMENT PLANT

NPDES PERMIT NO.: AR0021806

AVERAGE POTW FLOW: 19.37 MGD PERCENT (%) IU FLOW: 7.1 %

FINAL EFFLUENT	Flow MGD	O&G mg/L	CN- mg/L	Zn mg/L	Cd µg/L	Cr µg/L	Ag µg/L	Cu µg/L	Mo µg/L	Ni µg/L	Pb µg/L	As µg/L	Se µg/L	Hg µg/L	Phenol µg/L	Sb mg/L	Be mg/L	Tl mg/L	Mn mg/L	Ba mg/L	B mg/l	
EPA Test Method Used #	413.1	335.2	289.1	213.2	218.2	272.2	220.2	246.2	249.2	239.2	206.2	270.2	245.2	420.1	200.8	200.8	200.8	243.1	208.1	200.7		
Detection Level Achieved #	1.0	0.01/0.02	0.006	0.1	0.3	0.1	2	1	2	2	1	1	0.2	3	0.003/0.05	0.0003/0.005	0.001/0.002	0.002	0.04	0.1		
01/25/2005	18.31			0.038	< 0.1	< 0.3	0.8	7	6	2	< 2	< 1	< 1	< 0.2								
02/22/2005	17.96	1.9	0.01												< 3							
02/23/2005	39.26			0.080	< 0.1	< 0.8	0.4	7	3	2	< 2	< 1	< 1	< 0.2		< 0.003	< 0.0003	< 0.001				
03/01/2005	19.40			0.043	< 0.1	< 0.3	0.4	8	5	2	< 2	< 1	< 1	< 0.2								
04/13/2005	35.15	< 1.0																				
05/25/2005	34.13			0.050	0.6	< 0.3	< 0.1	5	3	4	< 2	< 1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002				
05/31/2005	19.32			0.035	0.7	< 0.3	0.8	7	9	2	< 2	1	< 1	< 0.2								
05/31/2005	17.53	< 1.0	0.01												5							
06/29/2005	14.27			0.034	< 0.1	< 0.3	0.2	4	7	2	< 2	< 1	< 1	< 0.2								
07/11/2005	11.97			0.034	< 0.1	< 1.6	0.3	5	7	2	< 2	1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002				
08/09/2005	15.59			0.041	< 0.1	< 0.3	0.5	6	8	< 1	2	1	< 1	< 0.2					0.275	< 0.04	0.14	
08/29/2005	19.81	4.0	< 0.01												< 3							
09/13/2005	14.97			0.033	< 0.1	< 0.3	0.3	11	9	3	< 2	< 1	< 1	< 0.2								
10/24/2005	9.50	1.5	0.02												7							
11/22/2005	11.01			0.038	< 0.1	< 0.3	0.3	6	6	1	< 2	1	< 1	< 0.2								
12/01/2005	14.67			0.096	< 0.1	< 0.3	0.6	10	6	2	< 2	1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002				
Average	19.55	1.9	0.01	0.047	0.2	0.5	0.4	7	6	2	2	1	< 1	< 0.2	5	< 0.038	< 0.0038	< 0.002	0.275	< 0.04	0.14	
Maximum	39.26	4.0	0.02	0.096	0.7	1.6	0.8	11	9	4	2	1	< 1	< 0.2	7	< 0.050	< 0.0050	< 0.002	0.275	< 0.04	0.14	
Minimum	9.50	< 1.0	< 0.01	0.033	< 0.1	< 0.3	< 0.1	4	3	< 1	< 2	< 1	< 1	< 0.2	< 3	< 0.003	< 0.0003	< 0.001	0.275	< 0.04	0.14	
WQS Effluent Level																						
Day Max.			0.058	1.700	54.0	11200.0	57.0	214		4990	198	2380	56	0.1								
Month Avg.			0.029	0.850	27.0	5590.0	28.0	106		2490	98	1190	28	0.07								

Comments: There was a sampling error for the 24-hour composite sample collected for flow date 10/25/05; the final effluent sample (005P-016) is invalid.

**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: JANUARY 1, 2005 TO DECEMBER 31, 2005**

TREATMENT PLANT: CITY OF LITTLE ROCK - FOURCHE CREEK WASTEWATER TREATMENT PLANT

NPDES PERMIT NO.: AR0040177

AVERAGE POTW FLOW: 12.32 MGD

PERCENT (%) IU FLOW: 5.6 %

PLANT INFLUENT	Flow MGD	O&G mg/L	CN- mg/L	Zn mg/L	Cd µg/L	Cr µg/L	Ag µg/L	Cu µg/L	Mo µg/L	Ni µg/L	Pb µg/L	As µg/L	Se µg/L	Hg µg/L	Phenol µg/L	Sb mg/L	Be mg/L	Tl mg/L	Mn mg/L	Ba mg/L	B mg/l
EPA Test Method Used		413.1	335.2	289.1	213.2	218.2	272.2	220.2	246.2	249.2	239.2	206.2	270.2	245.2	420.1	200.8	200.8	200.8	243.1	208.1	200.7
Detection Level Achieved		1.0	0.01	0.006	0.1	0.3	0.1	2	1	2	2	1	1	0.2	3	0.003/0.05	0.0003/0.005	0.001/0.002	0.002	0.04	0.1
01/25/2005	13.37			0.129	0.3	9.4	6.7	33	4	7	4	1	< 1	0.3							
02/22/2005	12.90	44.5	< 0.010												61						
02/23/2005	22.33			0.194	0.5	2.5	2.4	27	4	16	< 2	1	< 1	0.3		< 0.003	< 0.0003	< 0.001			
03/01/2005	12.50			0.147	0.4	6.4	3.0	30	3	18	< 2	1	< 1	< 0.2							
04/13/2005	17.72			0.100	0.2	3.2	1.7	30	5	16	2	1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002			
05/25/2005	7.97			0.244	0.8	4.9	7.4	79	4	14	10	3	1	0.5							
05/31/2005	11.09	50.0	< 0.010												51						
06/29/2005	11.66			0.196	0.2	7.8	4.1	47	6	7	5	1	< 1	< 0.2							
07/11/2005	11.53			0.215	0.5	7.6	2.5	50	7	3	5	2	< 1	0.3		< 0.050	< 0.0050	< 0.002			
08/09/2005	11.75			0.196	0.3	7.1	5.8	55	9	5	10	2	< 1	0.3					0.591	< 0.04	0.18
08/29/2005	15.07	35.0	< 0.010												42						
09/13/2005	10.93			0.226	0.5	6.7	6.3	53	5	11	8	2	< 1	0.5							
10/24/2005	10.61	65.0	< 0.010												48						
10/25/2005	10.60			0.219	0.3	8.8	4.4	59	4	6	6	3	< 1	0.4		< 0.050	< 0.0050	< 0.002			
11/22/2005	11.03			0.159	0.2	10.9	4.4	50	3	5	3	2	< 1	< 0.2							
12/01/2005	12.09			0.14	0.3	4.7	4.4	53	4	2	2	1	< 1	0.3		< 0.050	< 0.0050	< 0.002			
Average	12.70	48.6	< 0.010	0.180	0.4	6.7	4.4	47	5	9	5	2	1	0.3	51	< 0.041	< 0.0041	< 0.002	0.591	< 0.04	0.18
Maximum	22.33	65.0	< 0.010	0.244	0.8	10.9	7.4	79	9	18	10	3	1	0.5	61	< 0.050	< 0.0050	< 0.002	0.591	< 0.04	0.18
Minimum	7.97	35.0	< 0.010	0.100	0.2	2.5	1.7	27	3	2	2	1	< 1	< 0.2	42	< 0.003	< 0.0003	< 0.001	0.591	< 0.04	0.18
Headworks limit			0.09	0.360	9.0	260.0	180.0	270		160	50	14	10	0.2							

Comments: None

**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: JANUARY 1, 2005 TO DECEMBER 31, 2005**

TREATMENT PLANT: CITY OF LITTLE ROCK - FOURCHE CREEK WASTEWATER TREATMENT PLANT

NPDES PERMIT NO.: AR0040177

AVERAGE POTW FLOW: 12.32 MGD

PERCENT (%) IU FLOW: 5.6 %

FINAL EFFLUENT	Flow MGD	O&G mg/L	CN- mg/L	Zn mg/L	Cd µg/L	Cr µg/L	Ag µg/L	Cu µg/L	Mo µg/L	Ni µg/L	Pb µg/L	As µg/L	Se µg/L	Hg µg/L	Phenol µg/L	Sb mg/L	Be mg/L	Tl mg/L	Mn mg/L	Ba mg/L	B mg/l
EPA Test Method Used		413.1	335.2	289.1	213.2	218.2	272.2	220.2	246.2	249.2	239.2	206.2	270.2	245.2	420.1	200.8	200.8	200.8	243.1	208.1	200.7
Detection Level Achieved		1.0	0.01	0.006	0.1	0.3	0.1	2	1	2	2	1	1	0.2	3	0.003/0.05	0.0003/0.005	0.001/0.002	0.002	0.04	0.1
01/25/2005	12.63			0.020	< 0.1	1.3	1.1	5	3	6	< 2	< 1	< 1	< 0.2							
02/22/2005	11.61	2.7	0.010												3						
02/23/2005	28.45			0.043	< 0.1	1.7	0.3	7	3	2	< 2	1	< 1	< 0.2		< 0.003	< 0.0003	< 0.001			
03/01/2005	12.14			0.023	< 0.1	2.3	0.3	4	3	2	< 2	1	< 1	< 0.2							
04/13/2005	16.41			0.032	< 0.1	1.3	< 0.1	11	5	14	< 2	< 1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002			
05/25/2005	8.12			0.032	< 0.1	< 0.3	0.3	6	3	3	< 2	1	1	< 0.2							
05/31/2005	12.52	1.1	< 0.010												5						
06/29/2005	11.48			0.046	< 0.1	1.0	0.2	5	3	3	2	1	< 1	< 0.2							
07/11/2005	11.31			0.054	0.2	< 0.3	0.3	5	2	2	< 2	1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002			
08/09/2005	11.19			0.022	< 0.1	< 0.3	0.3	9	6	< 1	2	1	< 1	< 0.2					0.549	< 0.04	0.16
08/29/2005	15.48	2.3	0.010												12						
09/15/2005	11.93			0.021	< 0.1	0.8	0.2	11	2	3	< 2	1	< 1	< 0.2							
10/24/2005	11.03	< 1.4	< 0.010												3						
10/25/2005	10.78			0.049	< 0.1	0.4	0.3	5	1	2	< 2	1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002			
11/22/2006	12.23			0.037	< 0.1	0.6	0.3	6	1	2	< 2	1	< 1	< 0.2							
12/01/2006	13.40			0.026	< 0.1	< 0.3	0.6	22	3	2	< 2	1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002			
Average	13.17	1.9	0.010	0.034	< 0.1	0.9	0.4	8	3	4	2	1	< 1	< 0.2	6	0.041	0.0041	0.00	0.549	0.04	0.160
Maximum	28.45	2.7	0.010	0.054	< 0.2	2.3	1.1	22	6	14	2	1	< 1	< 0.2	12	0.050	0.0050	0.00	0.549	0.04	0.160
Minimum	8.12	1.1	< 0.010	0.020	< 0.1	< 0.3	< 0.1	4	1	< 1	< 2	< 1	< 1	< 0.2	3	0.003	0.0003	0.00	0.549	0.04	0.160
WQS Effluent Level																					
Day Max.			0.116	4.94	107	23500	165	619		9980	395	6900	112	0.27							
Month Avg.			0.058	2.46	53	11700	82	309		4980	197	3440	56	0.14							

Comments: None

**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
TREATMENT PLANT PERCENT REMOVAL EFFICIENCIES
REPORTING YEAR: JANUARY 1, 2005 TO DECEMBER 31, 2005**

Adams Field Wastewater Treatment Plant - NPDES Permit No. AR0021806

	O&G	CN-	Zn	Cd	Cr	Ag	Cu	Mo	Ni	Pb	As	Se	Hg	Phenol	Sb	Be	Tl	Mn	Ba	B
01/25/2005			83.3%	0.0%	92.5%	79.5%	75.9%	25.0%	66.7%	0.0%	0.0%	0.0%	33.3%							
02/22/2005	98.8%	0.0%												84.2%						
02/23/2005			44.1%	0.0%	63.6%	82.6%	66.7%	25.0%	93.3%	0.0%	0.0%	0.0%	33.3%		0.0%	0.0%	0.0%			
03/01/2005			65.3%	0.0%	90.3%	86.2%	73.3%	0.0%	94.1%	0.0%	0.0%	0.0%	0.0%							
03/30/2005	94.2%																			
04/13/2005			55.4%	-185.7%	93.8%	96.0%	84.4%	40.0%	50.0%	0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	47.4%	0.0%	12.5%
05/25/2005			79.0%	0.0%	93.2%	89.9%	87.7%	50.0%	60.0%	33.3%	50.0%	0.0%	50.0%							
05/31/2005	93.2%	0.0%												82.8%						
06/29/2005			85.7%	90.0%	97.3%	95.2%	93.8%	22.2%	90.0%	60.0%	50.0%	0.0%	66.7%							
07/11/2005			80.5%	50.0%	66.7%	93.6%	88.1%	22.2%	33.3%	0.0%	50.0%	0.0%	33.3%		0.0%	0.0%	0.0%			
08/09/2005			75.9%	0.0%	94.6%	91.1%	87.5%	27.3%	50.0%	71.4%	50.0%	0.0%	33.3%							
08/29/2005	78.6%	0.0%												87.5%						
09/13/2005			82.4%	87.5%	95.2%	96.3%	73.8%	35.7%	75.0%	50.0%	0.0%	0.0%	60.0%							
10/24/2005	94.2%	0.0%												75.9%						
11/22/2005			72.9%	50.0%	94.1%	90.0%	85.4%	50.0%	83.3%	0.0%	50.0%	0.0%	0.0%							
12/01/2005			32.4%	0.0%	97.3%	92.5%	76.7%	14.3%	50.0%	0.0%	50.0%	0.0%	0.0%		0.0%	0.0%	0.0%			
Average	91.8%	0.0%	68.8%	8.3%	89.0%	90.3%	81.2%	28.3%	67.8%	19.5%	27.3%	0.0%	28.2%	82.6%	0.0%	0.0%	0.0%	47.4%	0.0%	12.5%

Fourche Creek Wastewater Treatment Plant - NPDES Permit No. AR0040177

	O&G	CN-	Zn	Cd	Cr	Ag	Cu	Mo	Ni	Pb	As	Se	Hg	Phenol	Sb	Be	Tl	Mn	Ba	B
01/25/2005			84.5%	66.7%	86.2%	83.6%	84.8%	25.0%	14.3%	50.0%	0.0%	0.0%	33.3%							
02/22/2005	93.9%	0.0%												95.1%						
02/23/2005			77.8%	80.0%	32.0%	87.5%	74.1%	25.0%	87.5%	0.0%	0.0%	0.0%	33.3%		0.0%	0.0%	0.0%			
03/01/2005			84.4%	75.0%	64.1%	90.0%	86.7%	0.0%	88.9%	0.0%	0.0%	0.0%	0.0%							
04/13/2005			68.0%	50.0%	59.4%	94.1%	63.3%	0.0%	12.5%	0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%			
05/25/2005			86.9%	87.5%	93.9%	95.9%	92.4%	25.0%	78.6%	80.0%	66.7%	0.0%	60.0%							
05/31/2005	97.8%	0.0%												90.2%						
06/29/2005			76.5%	50.0%	87.2%	95.1%	89.4%	50.0%	57.1%	60.0%	0.0%	0.0%	0.0%							
07/11/2005			74.9%	60.0%	96.1%	88.0%	90.0%	71.4%	33.3%	60.0%	50.0%	0.0%	33.3%		0.0%	0.0%	0.0%			
08/09/2005			88.8%	66.7%	95.8%	94.8%	83.6%	33.3%	80.0%	80.0%	50.0%	0.0%	33.3%					7.1%	0.0%	11.1%
08/29/2005	93.4%	0.0%												71.4%						
09/13/2005			90.7%	80.0%	88.1%	96.8%	79.2%	60.0%	72.7%	75.0%	50.0%	0.0%	60.0%							
10/24/2005	97.8%	0.0%												93.8%						
10/25/2005			77.6%	66.7%	95.5%	93.2%	91.5%	75.0%	66.7%	66.7%	66.7%	0.0%	50.0%		0.0%	0.0%	0.0%			
11/22/2005			76.7%	50.0%	94.5%	93.2%	88.0%	66.7%	60.0%	33.3%	50.0%	0.0%	0.0%							
12/01/2005			81.4%	66.7%	93.6%	86.4%	58.5%	25.0%	0.0%	0.0%	0.0%	0.0%	33.3%		0.0%	0.0%	0.0%			
Average	95.8%	0.0%	80.6%	66.6%	82.2%	91.6%	81.8%	38.0%	54.3%	42.1%	27.8%	0.0%	28.1%	87.6%	0.0%	0.0%	0.0%	7.1%	0.0%	11.1%

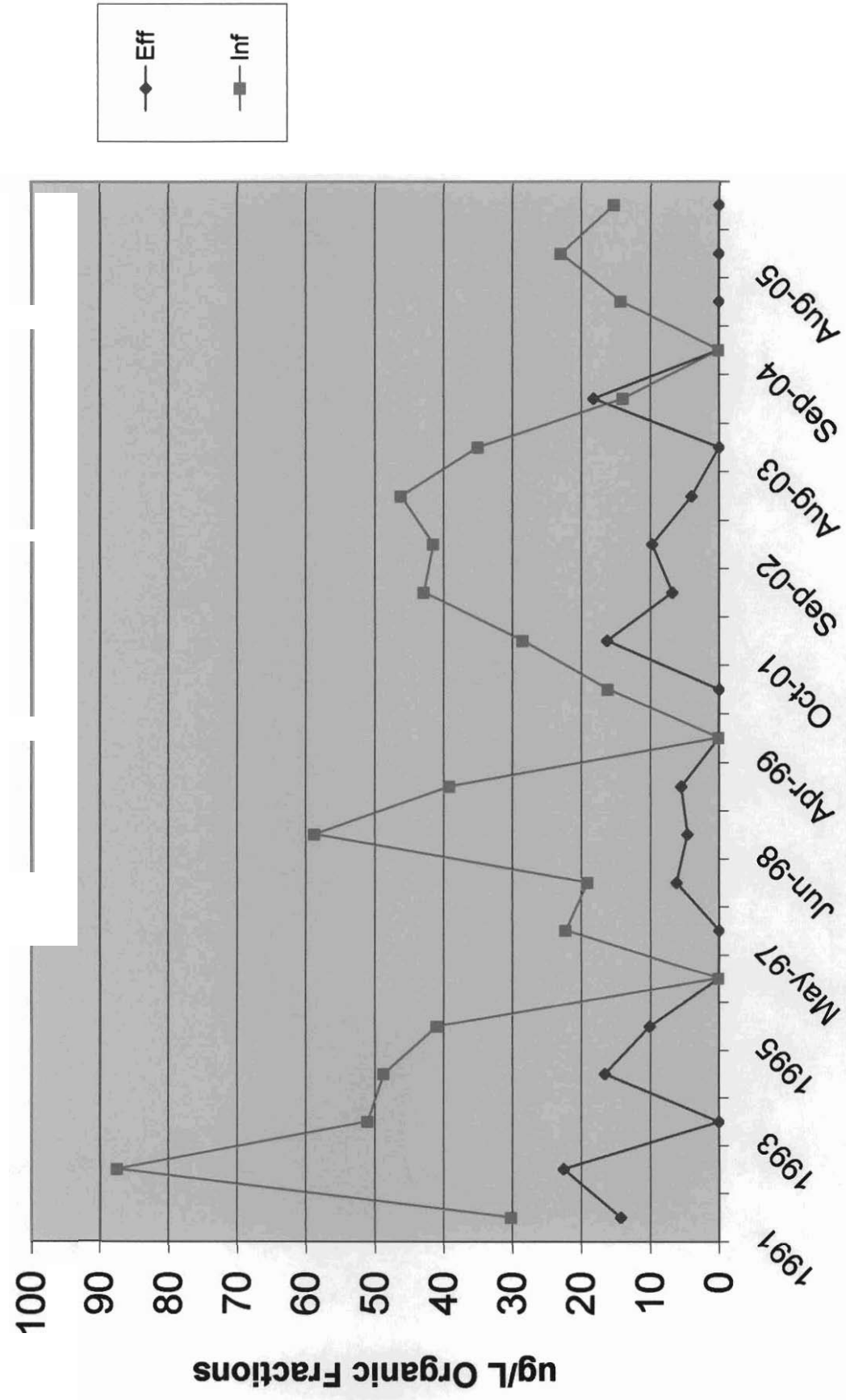
II. SUMMARY OF POSITIVE RESULTS - REPORTING PERIOD 1996 THROUGH 2005

Fourche Creek Treatment Plant

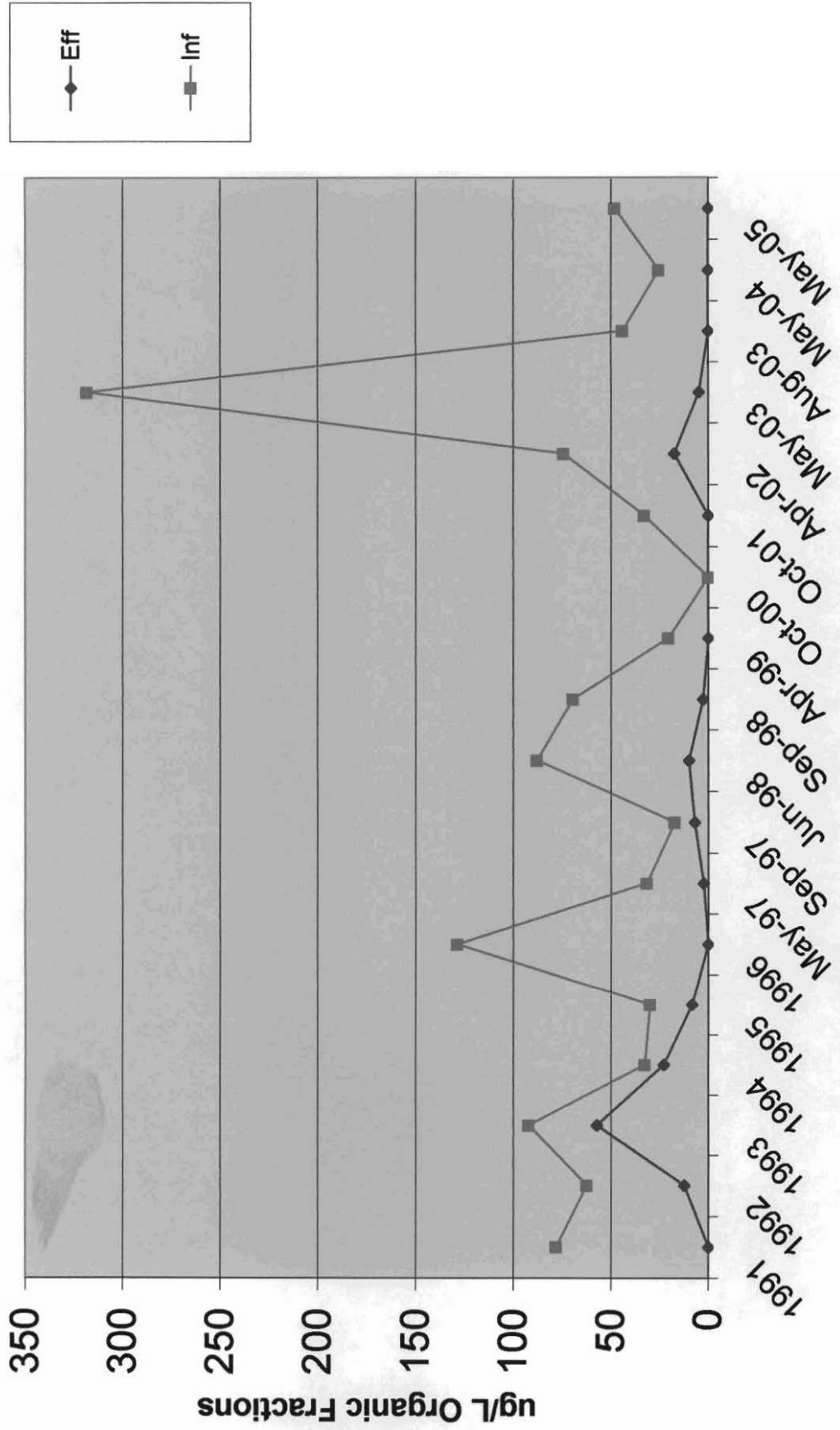
Parameter	1996		May-97		Sep-97		Jun-98		Sep-98		Apr-99		Oct-00		Oct-01		Apr-02		May-03		Aug-03		May-04		May-05			
	INF	EFF	INF	EFF	INF	EFF	INF	EFF	INF	EFF	INF	EFF	INF	EFF	INF	EFF	INF	EFF	INF*	EFF*	INF ¹	EFF ¹	INF	EFF	INF	EFF		
Bis(2-ethylhexyl)Phthalate	ND	ND	17.2	ND	ND	6.98	23.0	3.60	26.0	ND	20.4	ND	ND	ND	ND	15.0	ND	18.0	2.7	75.0	ND	21.0	ND	12.5	ND	22.4	ND	
Chloroform	ND	ND	14.50	ND	8.0	ND	12.00	3.80	8.2	2.6	ND	ND	ND	ND	ND	ND	15.0	7.5	9.5	4.8	13.0	ND	13.0	ND	12.8	ND		
1,1,1 Trichloroethane	17.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Tetrachloroethane	89.8	ND	ND	ND	ND	ND	4.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Toluene	20.8	ND	ND	ND	8.8	ND	14.00	ND	7.1	ND	ND	ND	ND	ND	ND	17.9	ND	6.7	ND	9.6	ND	ND	ND	ND	ND	ND	ND	
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	ND	ND	ND	ND	ND	ND	ND	ND	
p,p'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.82	ND	ND	ND	ND	ND	ND	ND	ND	
Di-n-butyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.1	4.6	ND	ND	10	ND	ND	ND	ND	ND	ND	
Diethylphthalate	ND	ND	ND	ND	ND	ND	9.20	ND	8.6	ND	ND	ND	ND	ND	ND	ND	9.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Butylbenzylphthalate	ND	ND	ND	ND	ND	ND	3.90	ND	4.0	ND	ND	ND	ND	ND	ND	ND	6.0	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Phenol	ND	ND	ND	ND	ND	ND	12.00	ND	6.9	ND	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	12.8	ND	
Dibutylphthalate	ND	ND	ND	ND	ND	ND	5.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2,4,6 Dimethyl phenol	ND	ND	ND	ND	ND	ND	4.40	ND	8.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.019	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Beta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.032	ND	ND	ND	ND	ND	ND	ND	
Gamma-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.036	0.017	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.032	ND	ND	ND	ND	ND	ND	ND	
Di-n-Octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Hexachlorobenzene	ND	ND	ND	2.50	ND	ND	ND	2.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endrin aldehyde	0.48	ND	ND	ND	0.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.025	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total	128.68	0.00	31.70	2.50	17.28	6.98	87.70	9.90	69.50	2.60	20.40	0.00	0.00	0.00	32.90	0.00	74.15	17.46	304.92	4.86	44.00	0.00	25.50	0.00	48.00	0.00		

Comments 1. May-2003/Aug-2003 parameters were retested due to elevated detection limits for some parameters due to dilution factors used in laboratory

Adams Field WWTP



Fourche Creek WWTP

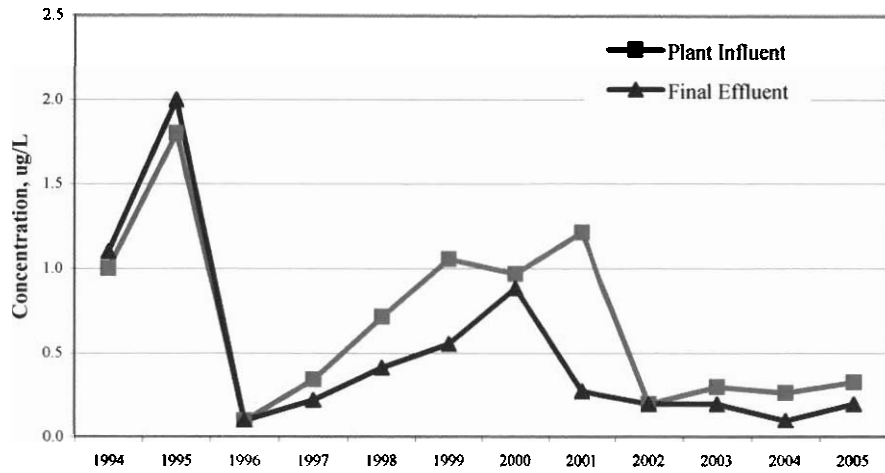


**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 ADAMS FIELD TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**

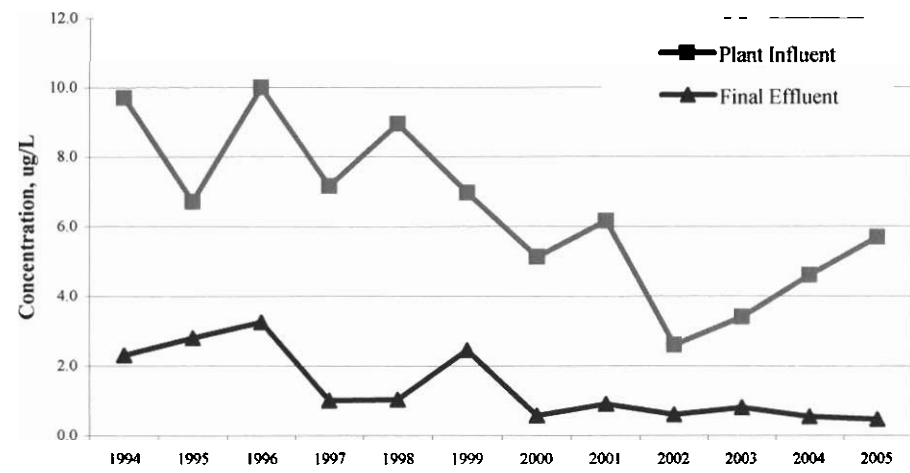
March 17, 2006

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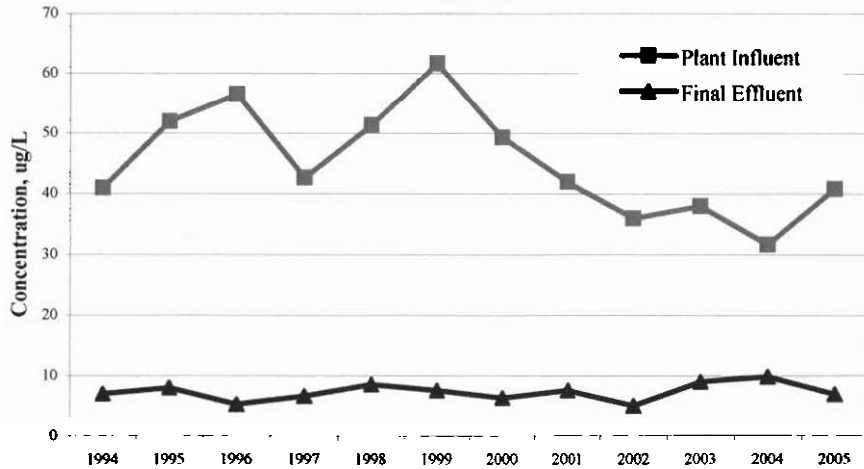
Cadmium (t)



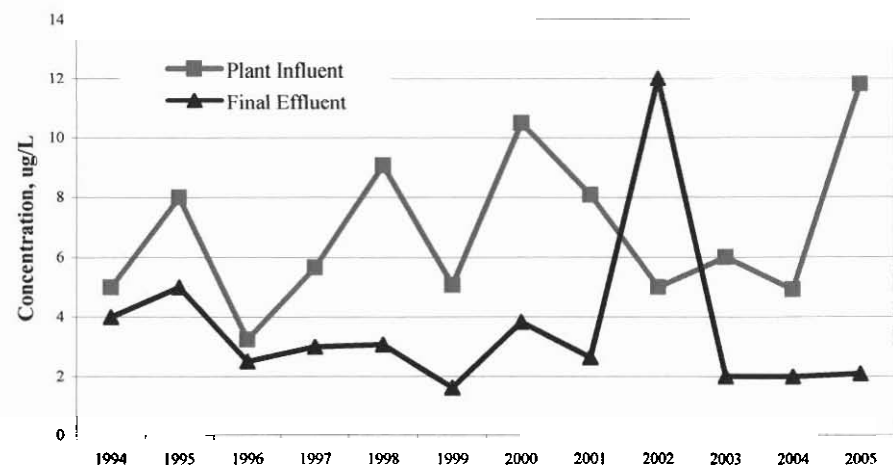
Chromium (t)



Copper (t)

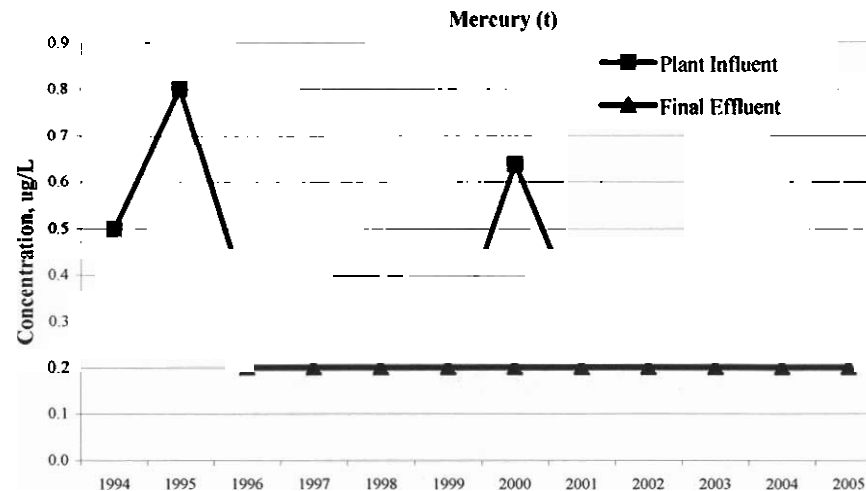
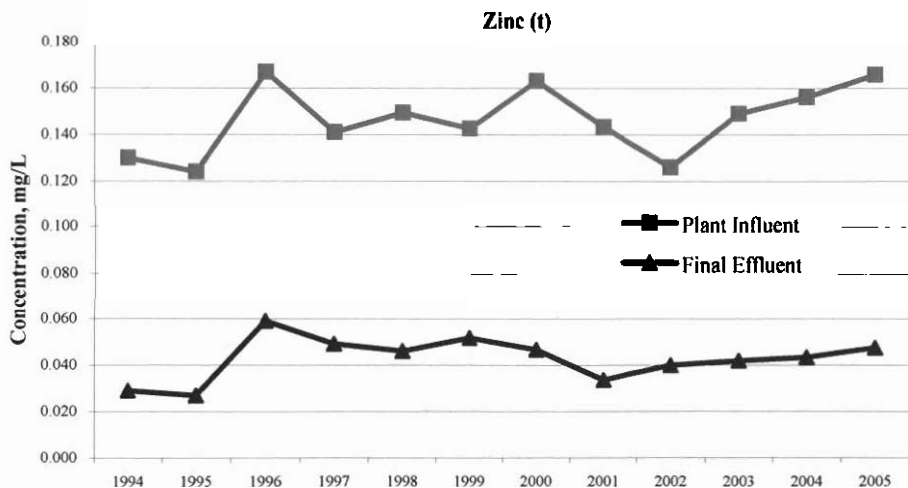
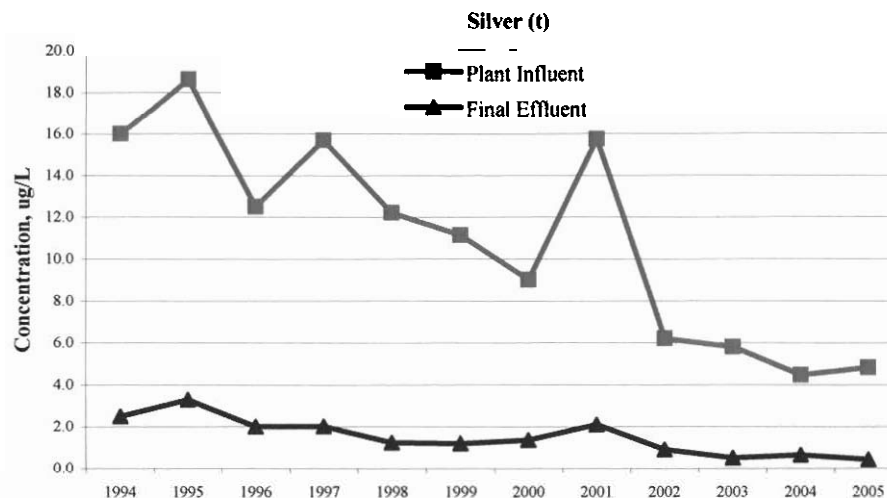
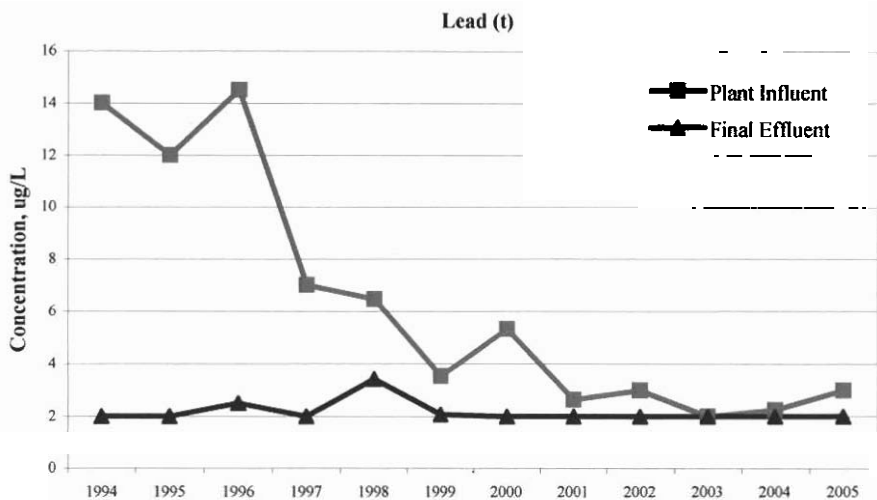


Nickel (t)



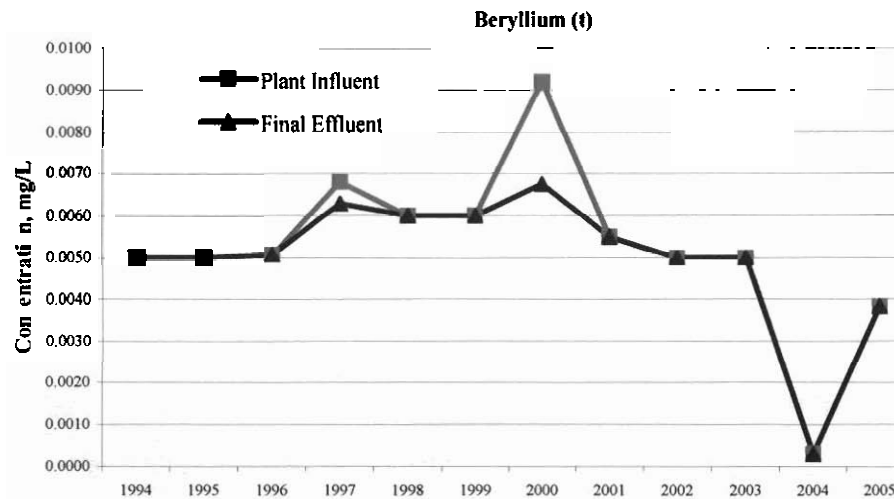
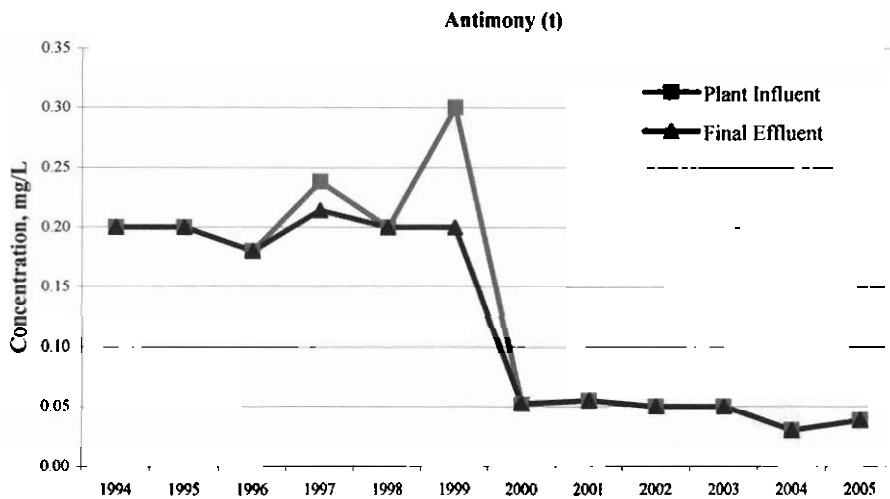
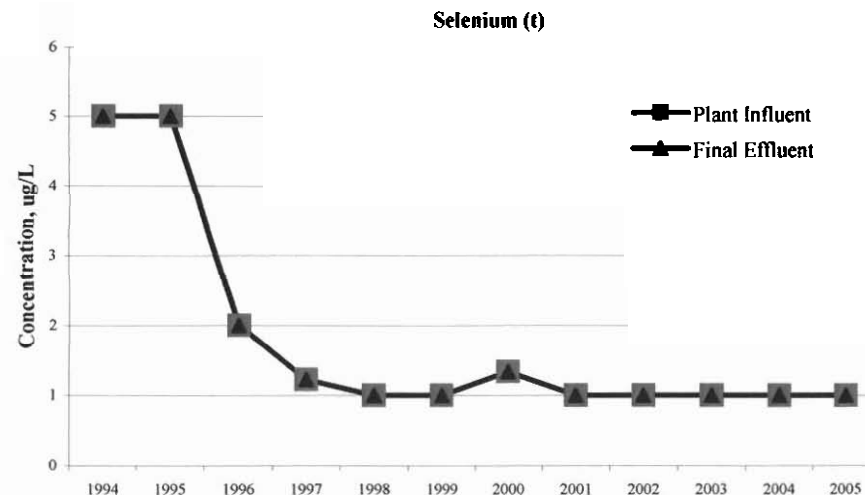
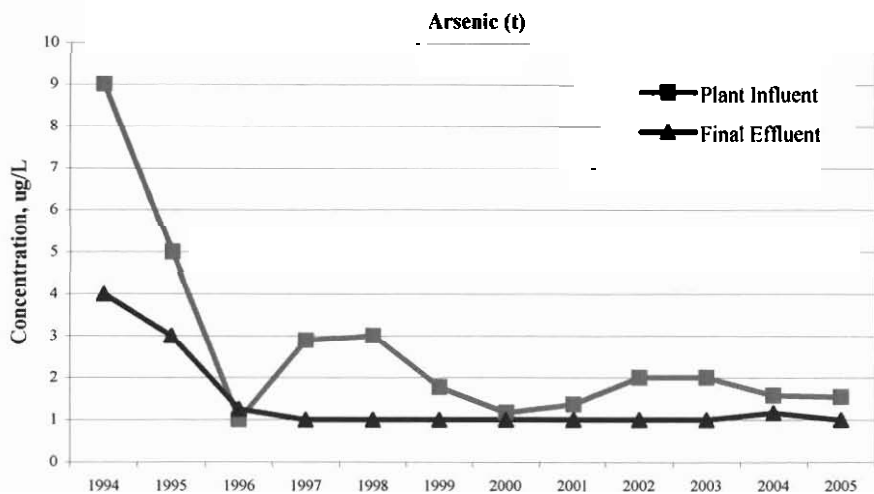
Influent Headworks Limit	Cadmium(t) 9 ug/L	Copper (t) 270 ug/L	Chromium (t) 260 ug/L	Nickel(t) 160 ug/L
Effluent Water Quality Criteria (Acute)	27 ug/L	106 ug/L	5,590 ug/L	2,490 ug/L

**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 ADAMS FIELD TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**



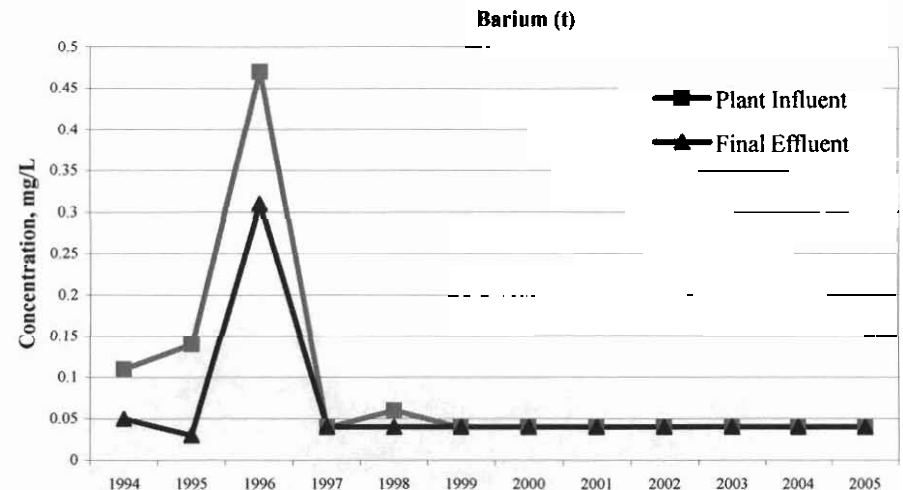
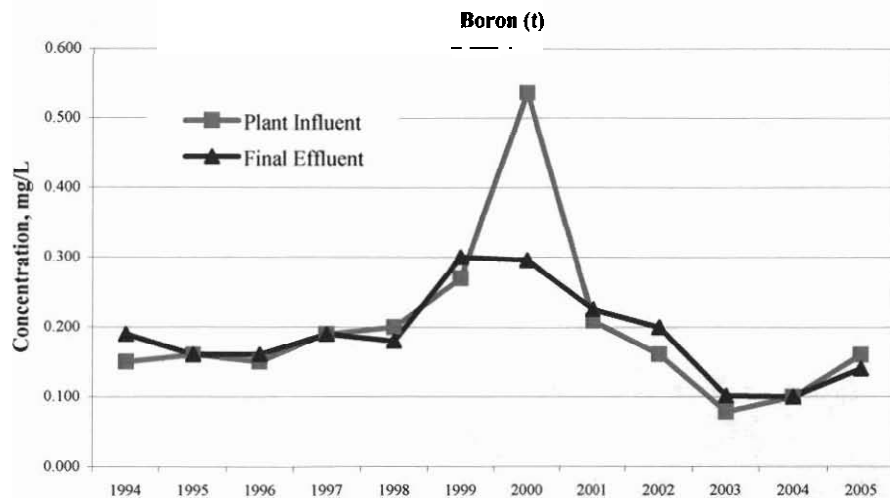
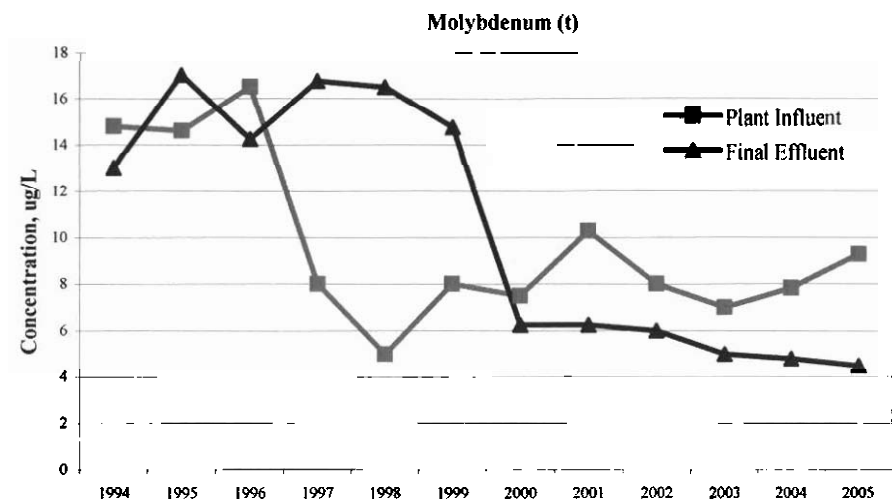
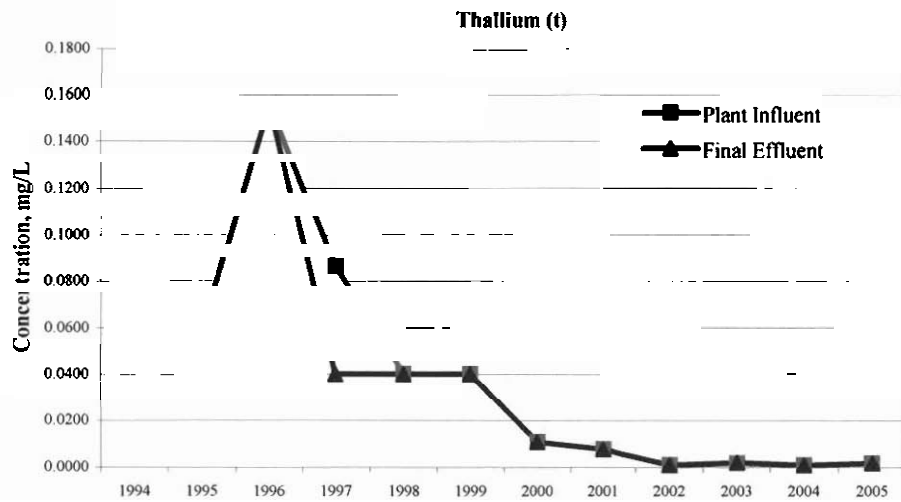
	Lead (t)	Zinc(t)	Silver(t)	Mercury(t)
Influent Headworks Limit	50 ug/L	0.36 mg/L	180 ug/L	0.2 ug/L
Effluent Water Quality Criteria (Acute)	98 ug/L	0.85 mg/L	28 ug/L	0.07 ug/L

**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 ADAMS FIELD TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**



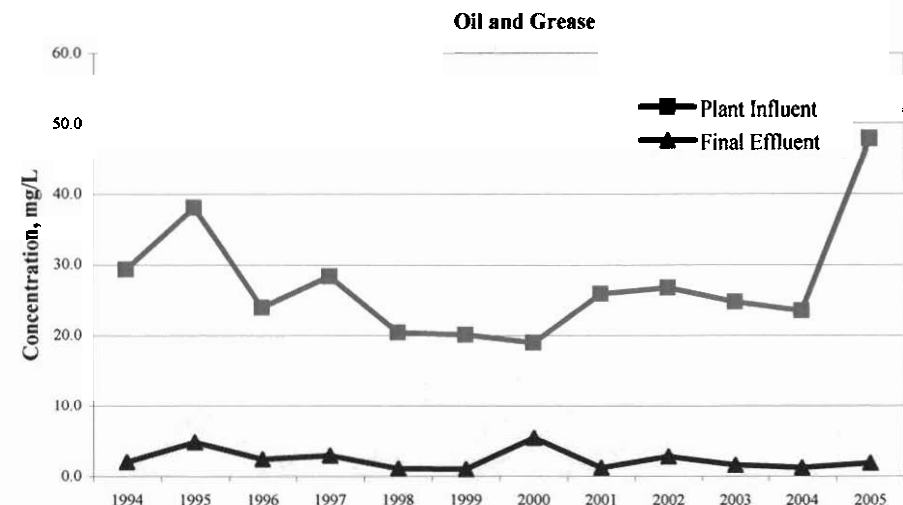
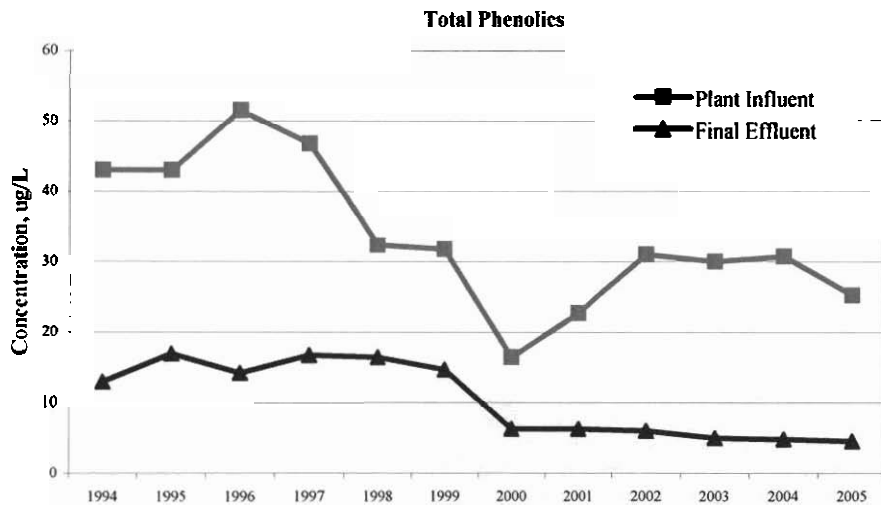
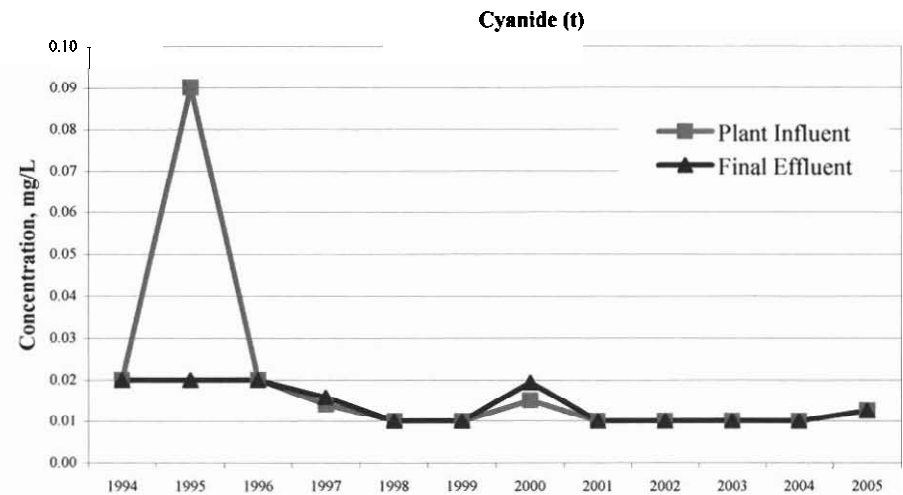
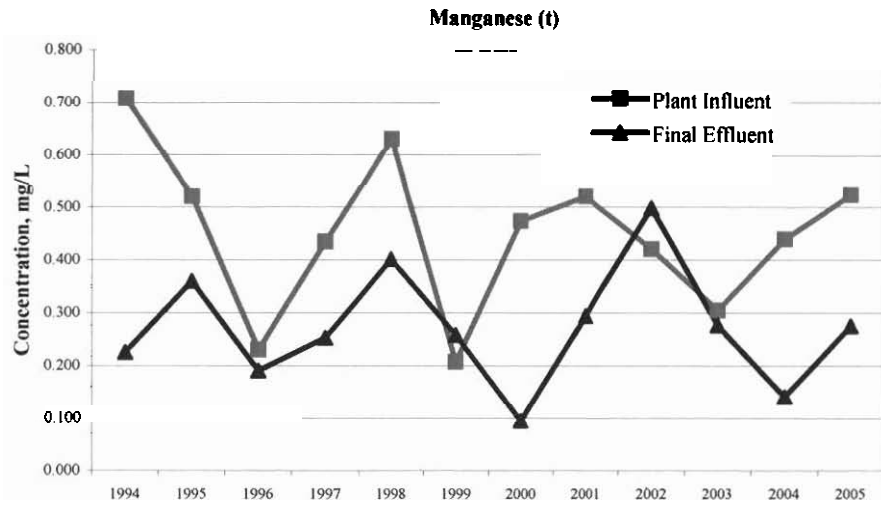
	Arsenic (t)	Antimony (t)	Selenium (t)	Beryllium (t)
Influent Headworks Limit	14 ug/L	None	10 ug/L	None
Effluent Water Quality Criteria (Acute)	1,190 ug/L	None	28 ug/L	None

**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 ADAMS FIELD TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**



	Thallium (t)	Boron (t)	Molybdenum(t)	Barium(t)
Influent Headworks Limit	None	None	None	None
Effluent Water Quality Criteria (Acute)	None	None	None	None

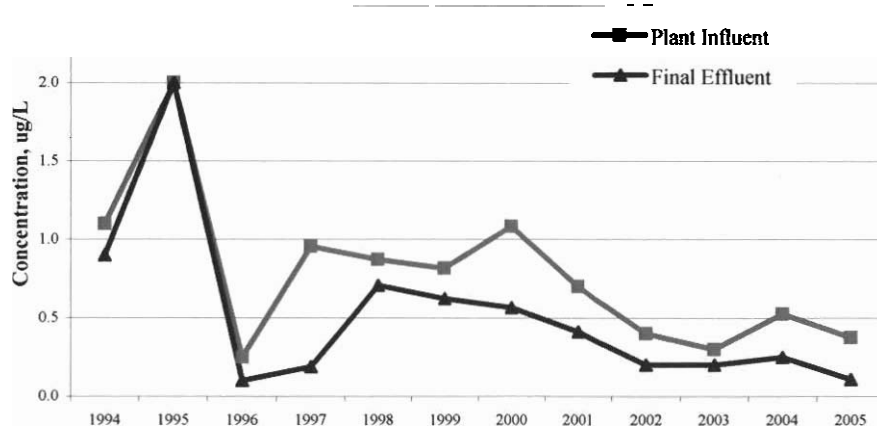
**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 ADAMS FIELD TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**



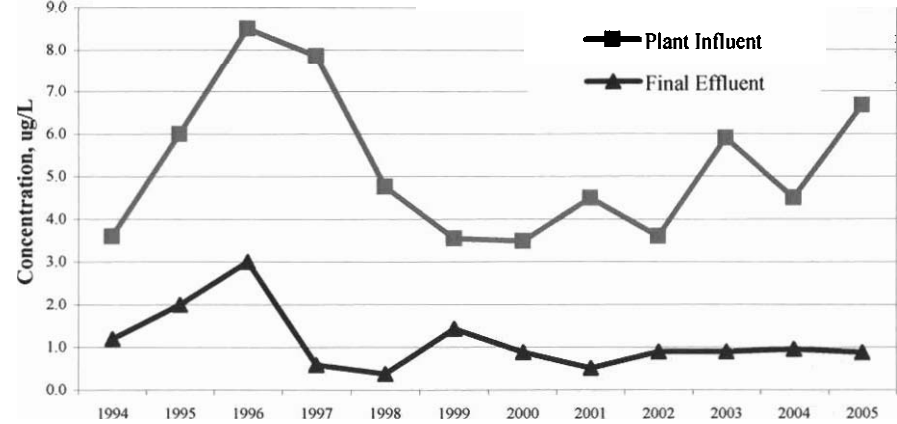
	Manganese (t)	Total Phenols	Cyanide (t)	Oil&Grease
Influent Headworks Limit	None	None	0.09 mg/L	None
Effluent Water Quality Criteria (Acute)	None	None	0.29 mg/L	None

**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 FOURCHE CREEK TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**

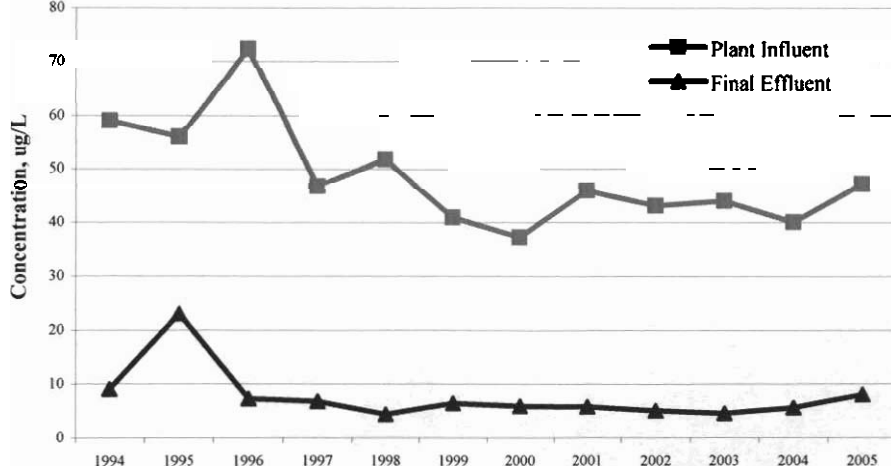
Cadmium (t)



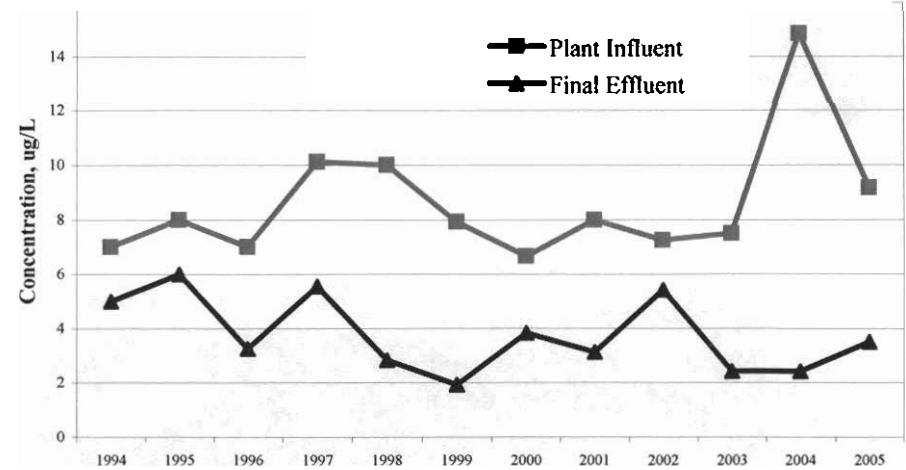
Chromium (t)



Copper (t)

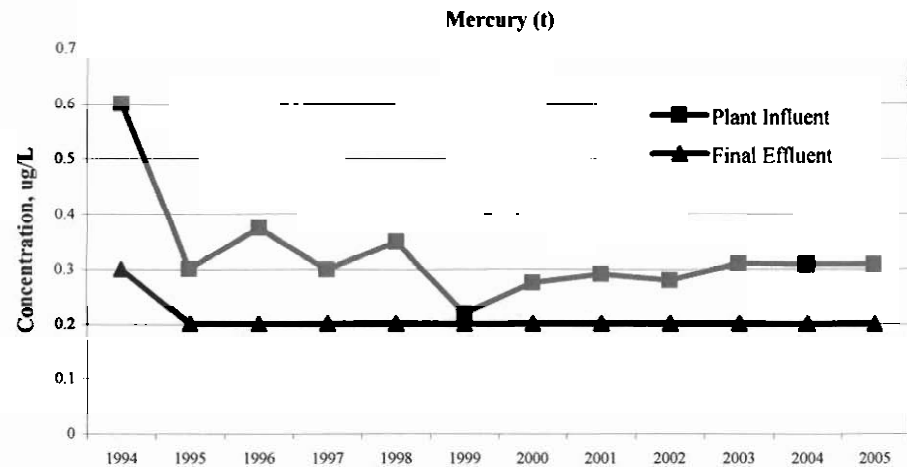
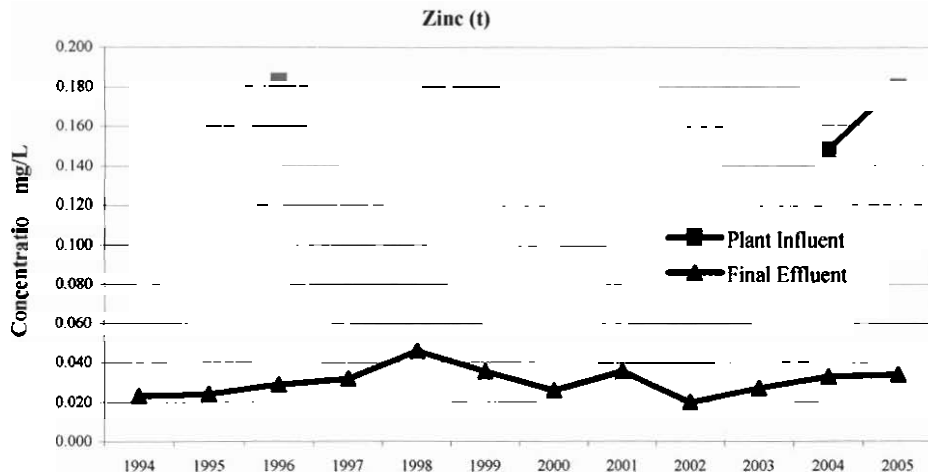
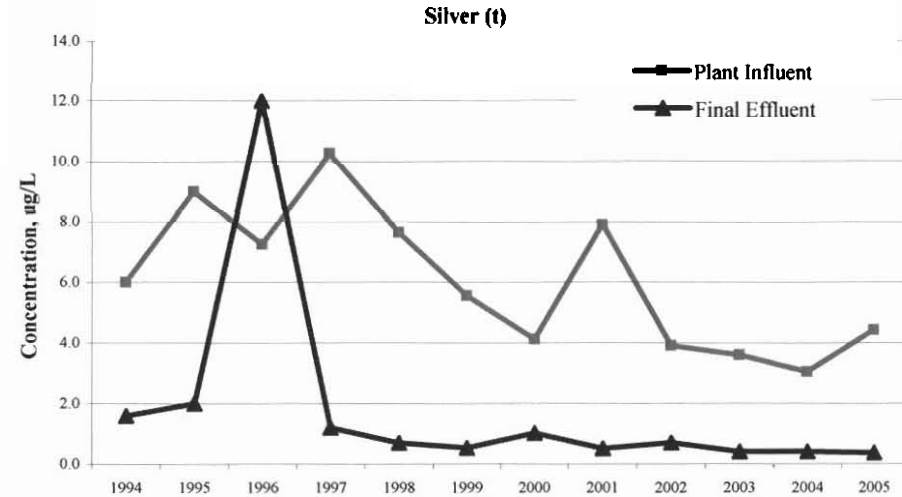
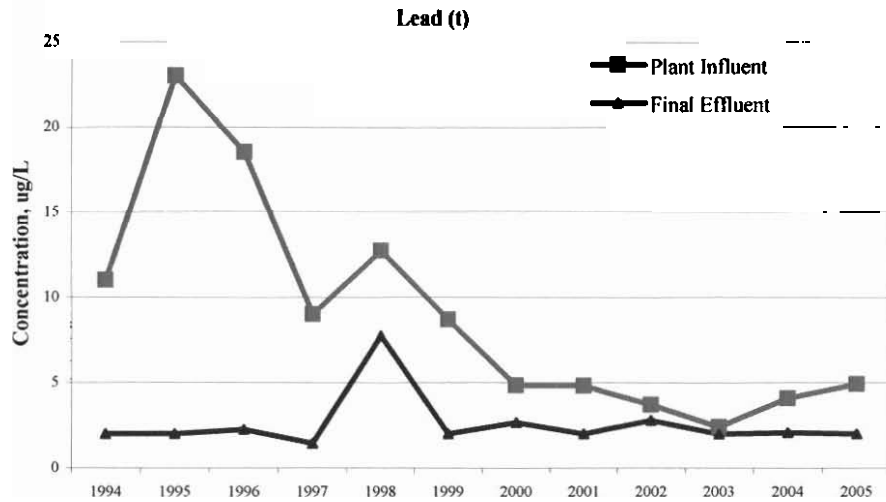


Nickel (t)



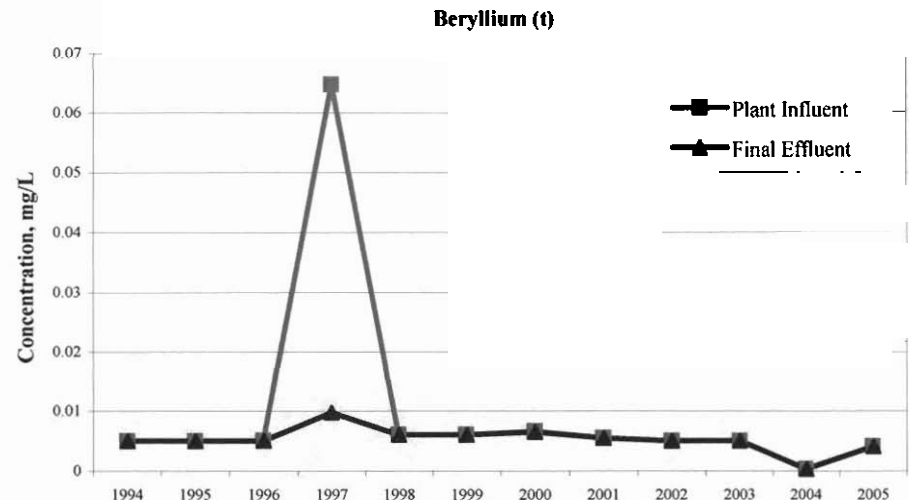
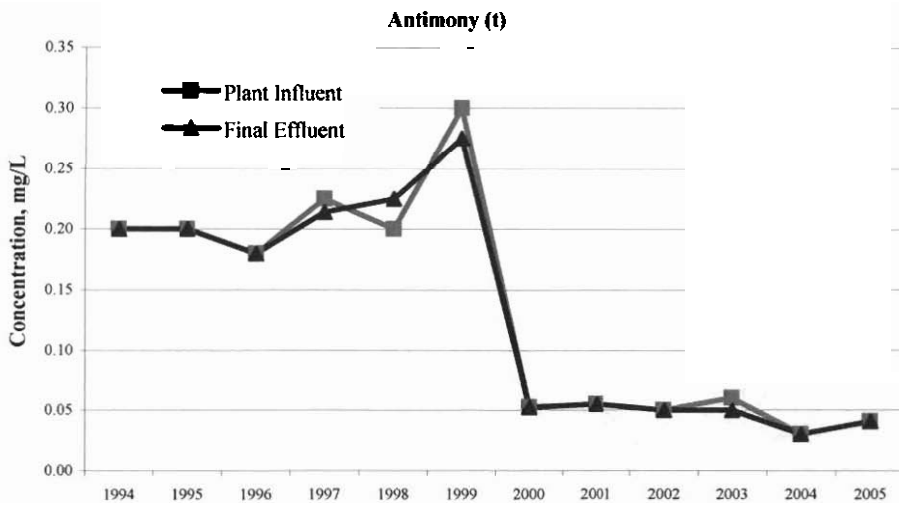
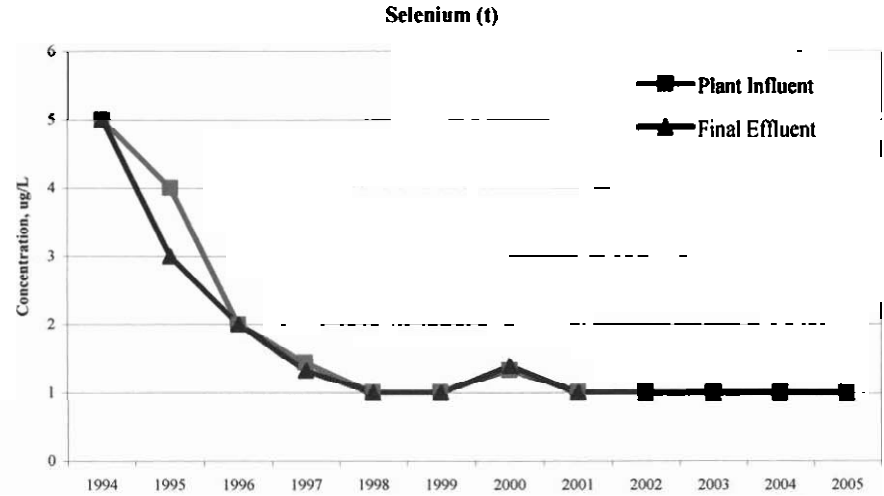
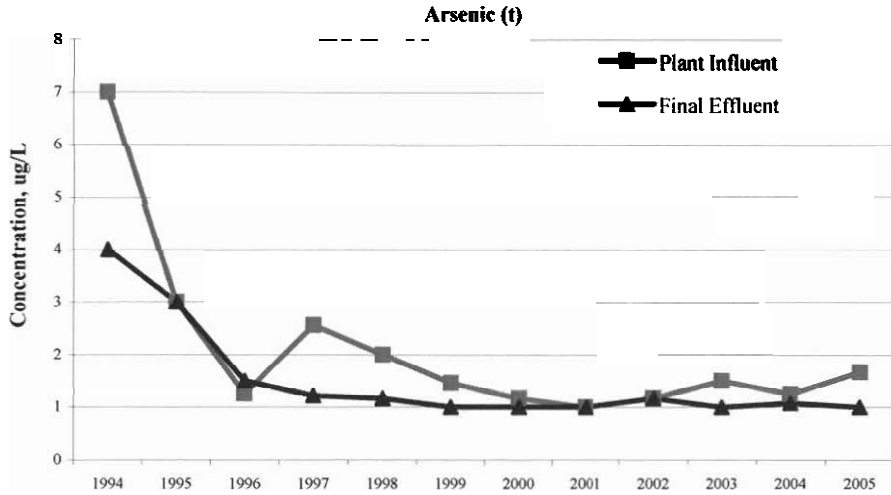
	Cadmium(t)	Copper (t)	Chromium (t)	Nickel(t)
Influent Headworks Limit	9 ug/L	270 ug/L	260 ug/L	160 ug/L
Effluent Water Quality Criteria	53 ug/L	395 ug/L	11,700 ug/L	4,980 ug/L

**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 FOURCHE CREEK TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**



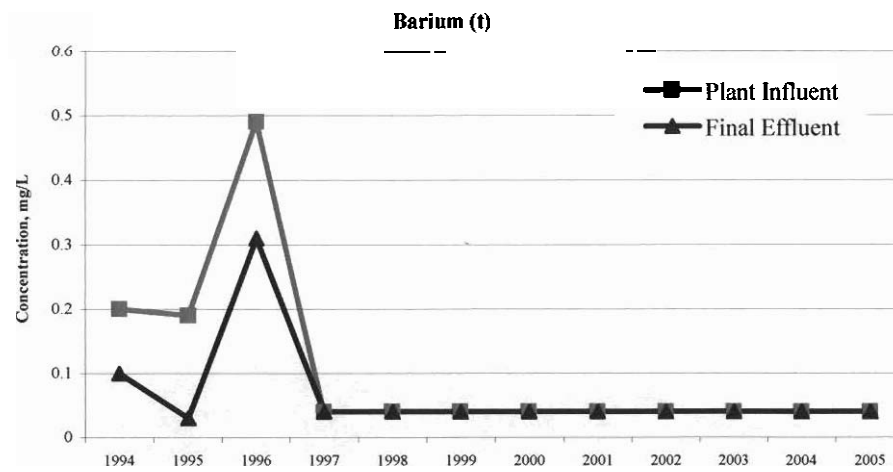
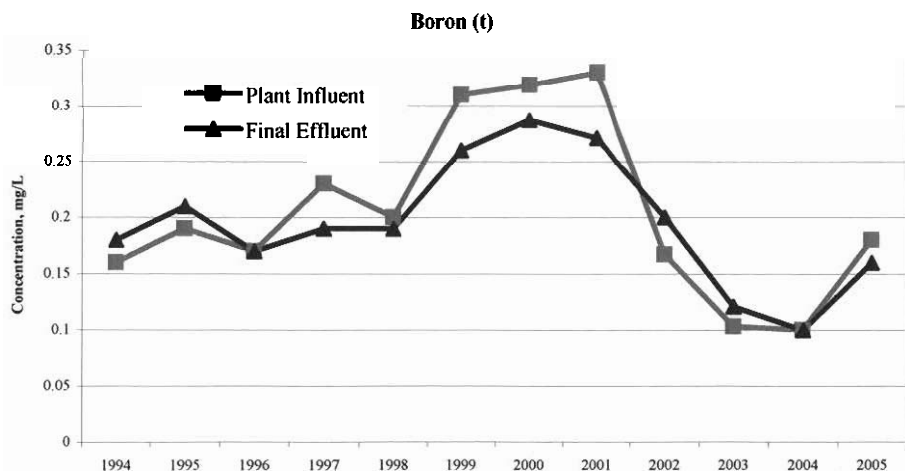
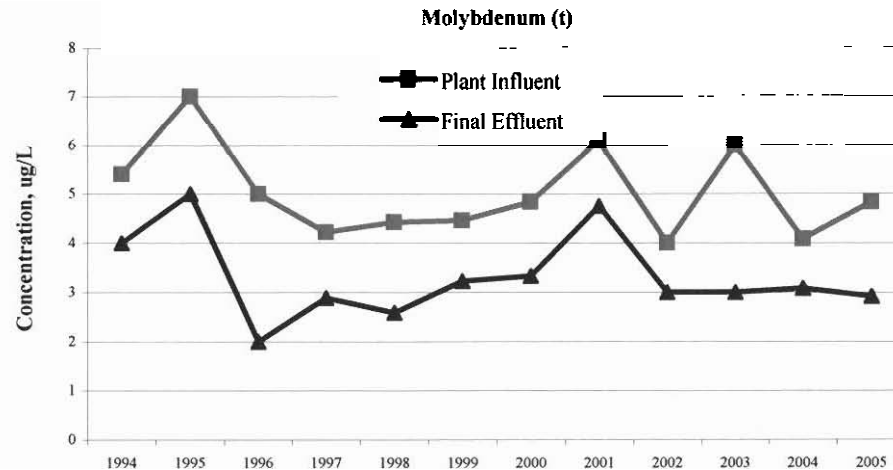
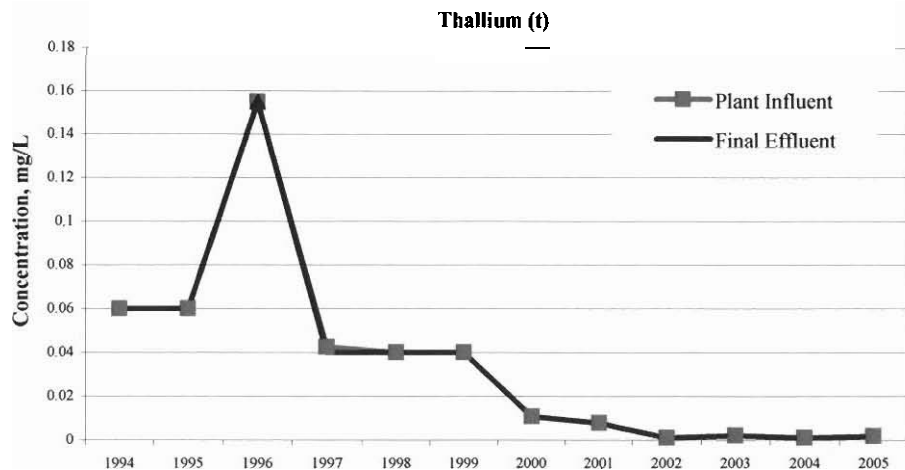
	Lead (t)	Zinc(t)	Silver(t)	Mercury(t)
Influent Headworks Limit	50 ug/L	0.36 mg/L	180 ug/L	0.2 ug/L
Effluent Water Quality Criteria	197 ug/L	2.46 mg/L	56 ug/L	0.14 ug/L

**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 FOURCHE CREEK TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**



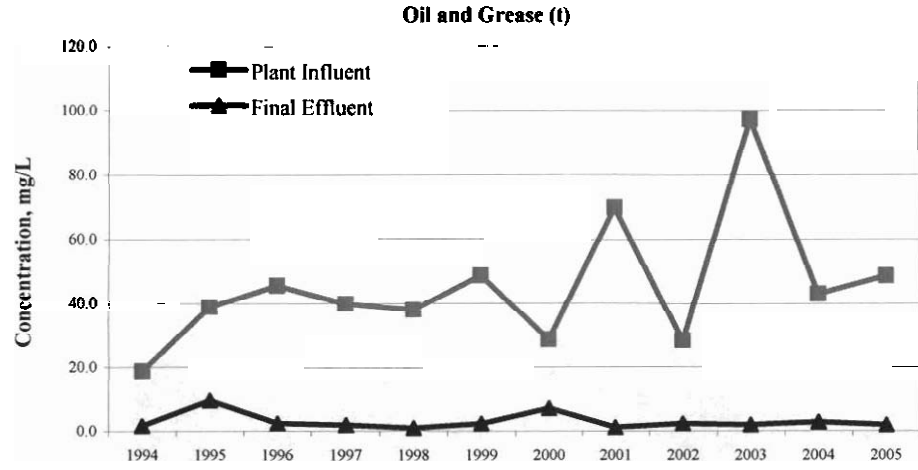
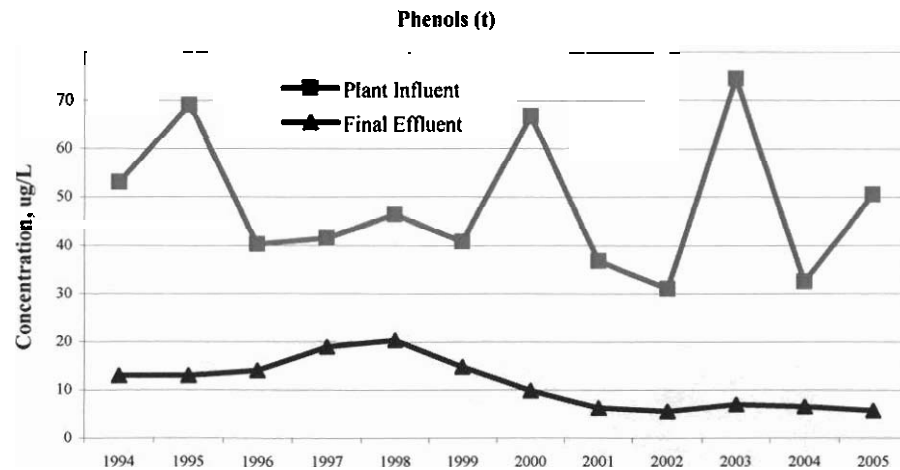
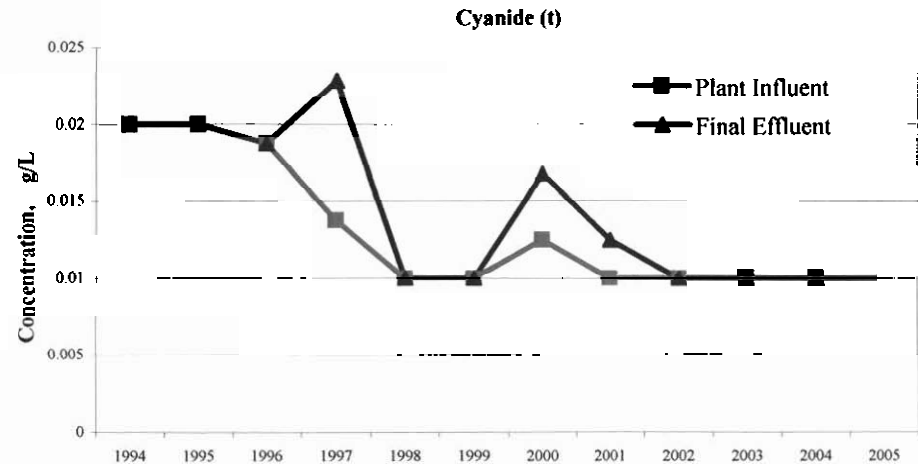
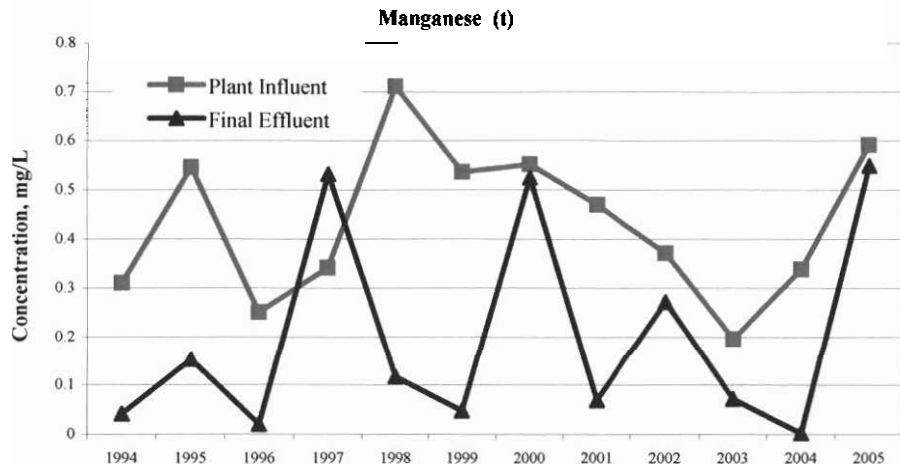
	Arsenic (t)	Antimony (t)	Selenium (t)	Beryllium (t)
Influent Headworks Limit	14 ug/L	None	10 ug/L	None
Effluent Water Quality Criteria	3,440 ug/L	None	56 ug/L	None

**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 FOURCHE CREEK TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**



	Thallium (t)	Boron (t)	Molybdenum(t)	Barium(t)
Influent Headworks Limit	None	None	None	None
Effluent Water Quality Criteria	None	None	None	None

**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 FOURCHE CREEK TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**



	Manganese (t)	Total Phenols	Cyanide (t)	Oil&Grease
Influent Headworks Limit	None	None	0.09 mg/L	None
Effluent Water Quality Criteria	None	None	0.058 mg/L	None

SUMMARY OF LOADING TRENDS

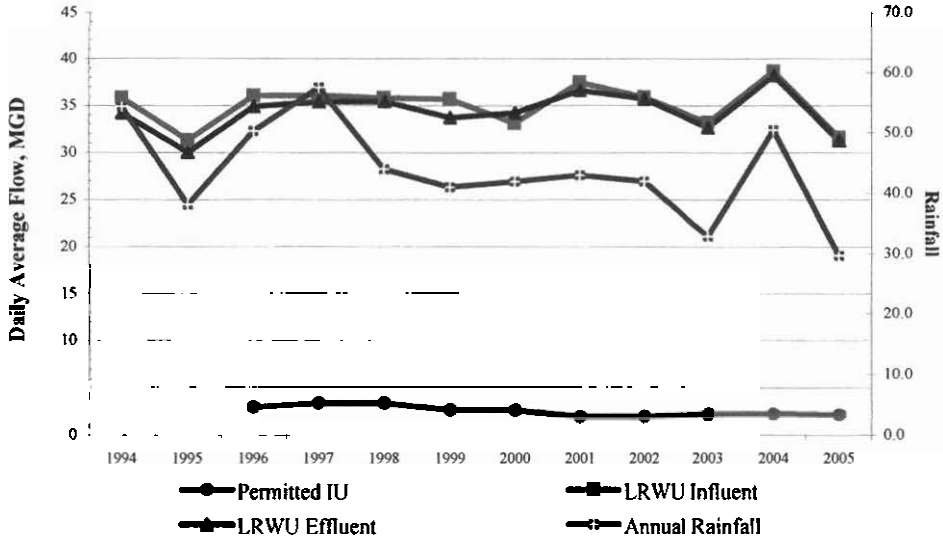
Trend charts are used to evaluate pollutant loading for the Little Rock Wastewater Utility (LRWU) system and to evaluate Industrial User (IU) contributions. The charts are organized in the following order:

- **Total System Loading Trends** – Charts were developed showing 1994 - 2005 loading, lbs/day, to the total LRWU system for flow, BOD, TSS, O&G and local limit pollutant parameters. For each individual analytical point the lbs/day is calculated using the flow for each sample date. In cases where the concentration is reported as less than the detection limit the detection limit number was used to calculate the lbs/day. This causes the loading (lbs/day) to be higher than what it would be if zero values were used in those instances.
- **IU Percent Contributions 1996 - 2005** – Charts were developed showing IU percent contributions starting 1996 to date. In 1997 permit renewal pollutant scans were implemented and are used to identify pollutants of concern and determine permit limits. Values, less than the detection limits or below levels of concern, are included in calculating total lbs of IU contribution.
- **POTW Loading Trends - Influent/Effluent Loading, lbs/day, comparison charts** were developed for the Adams Field and Fourche Creek Wastewater Treatment Plants for 1994 - 2005. These charts reveal trends in loading for each treatment plant over a ten-year period. (% removal efficiencies, based on influent/effluent concentration values, can be found in Section VI of this report.)

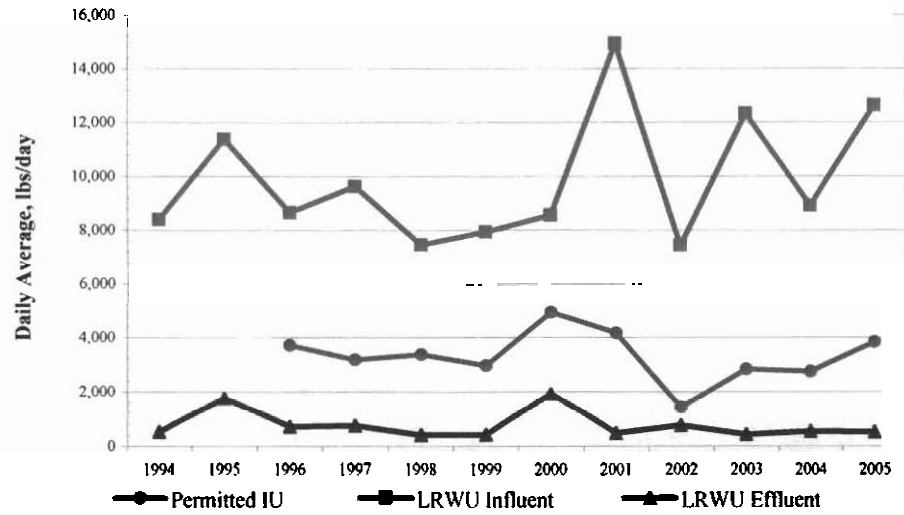
**LITTLE ROCK WASTEWATER UTILITY
ENVIRONMENTAL ASSESSMENT DIVISION
LRWU TOTAL SYSTEM LOADING TRENDS**

March 17, 2006
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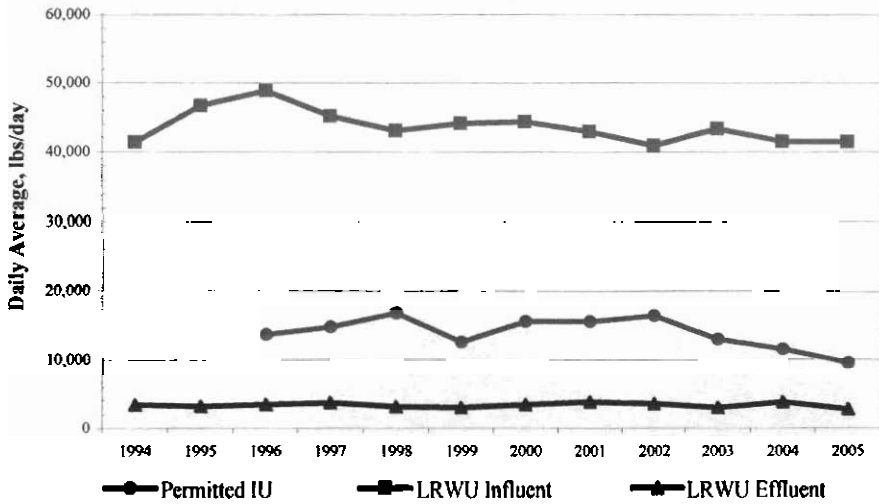
Hydraulic



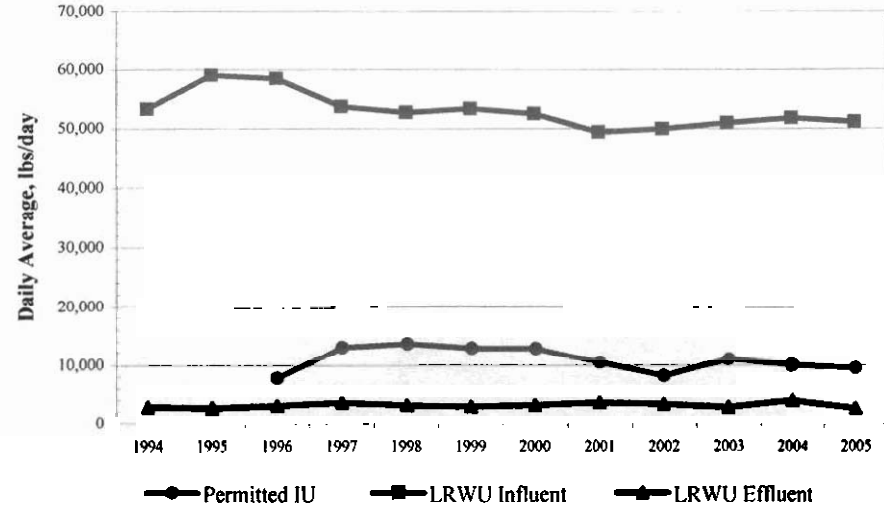
Oil & Grease



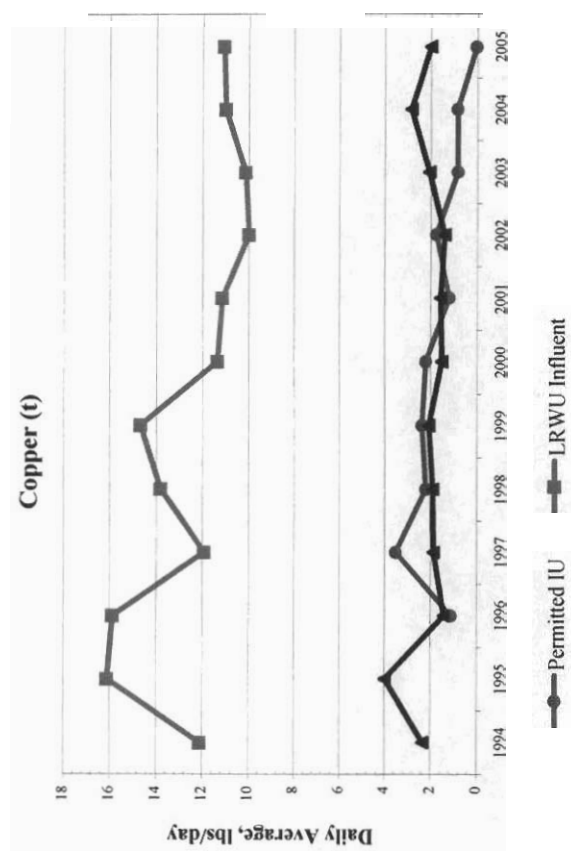
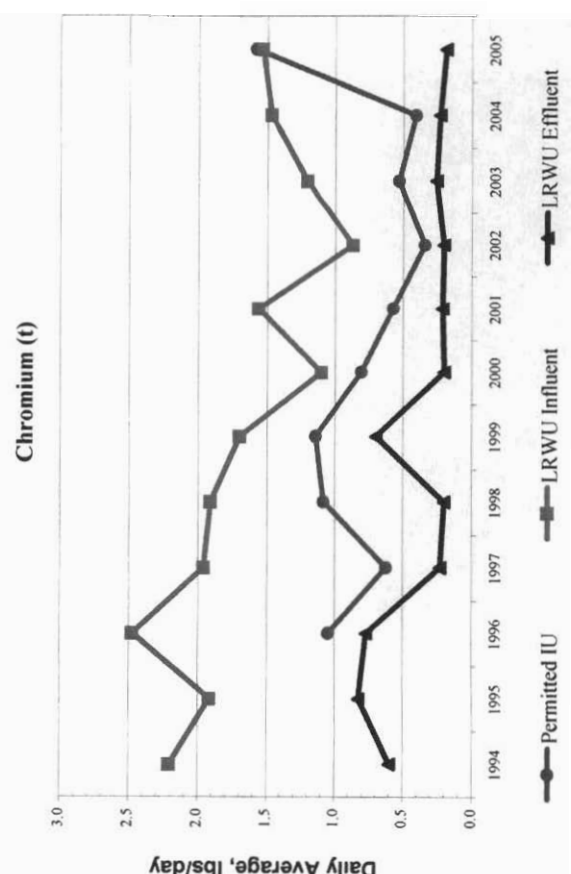
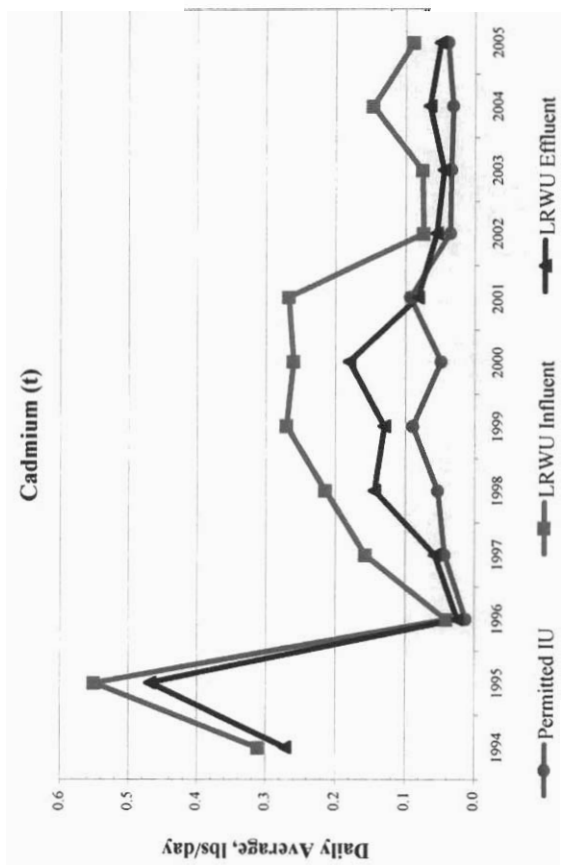
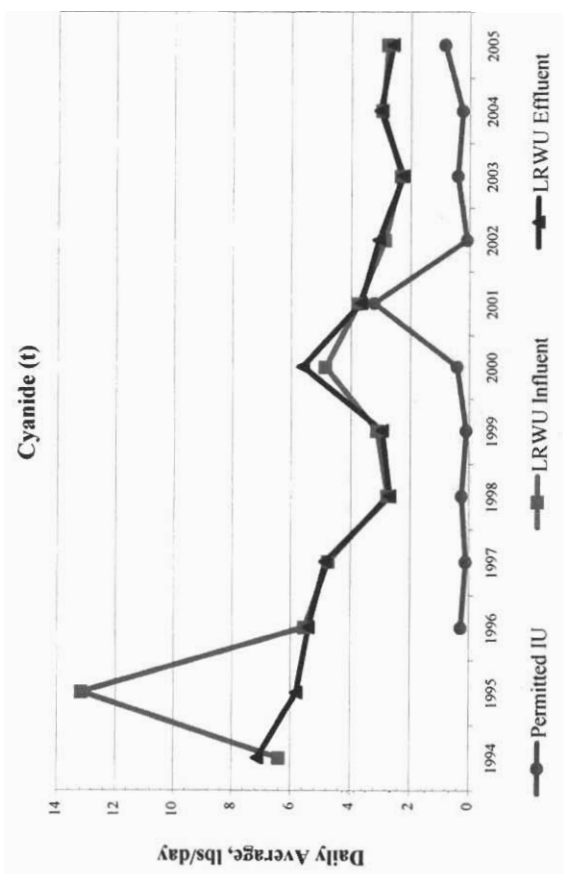
BOD₅



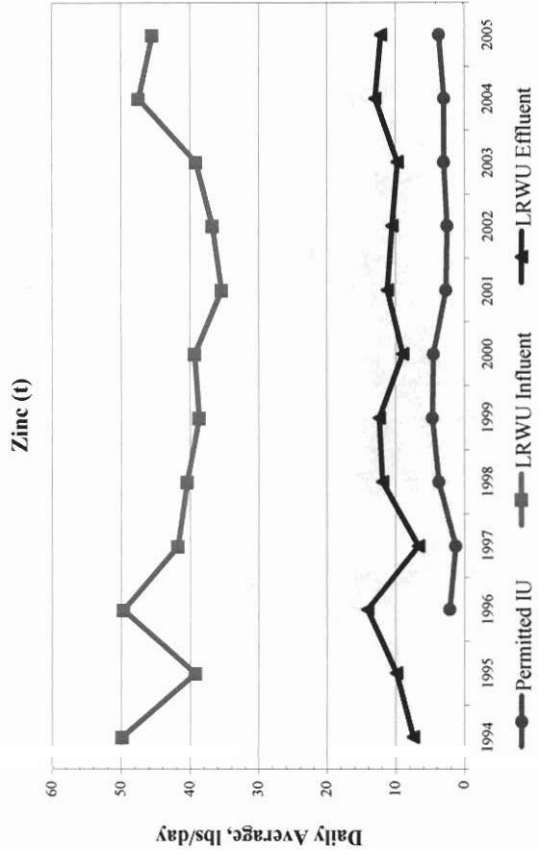
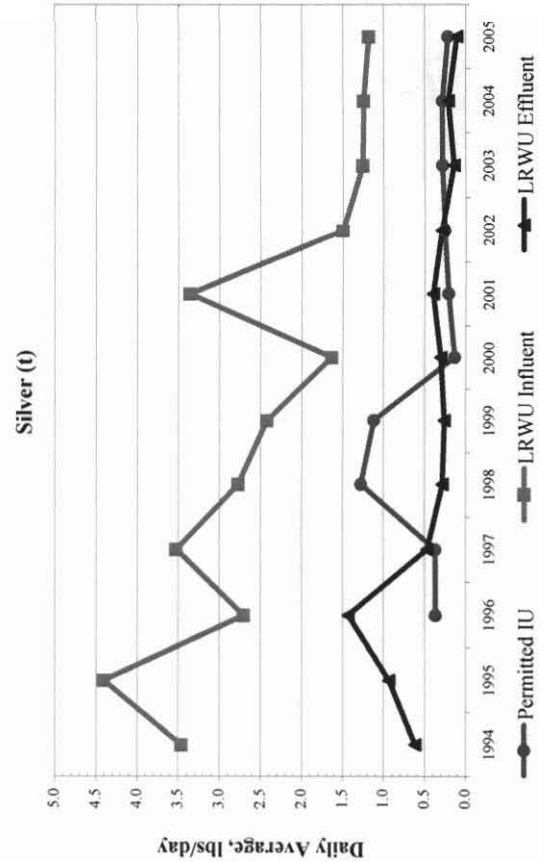
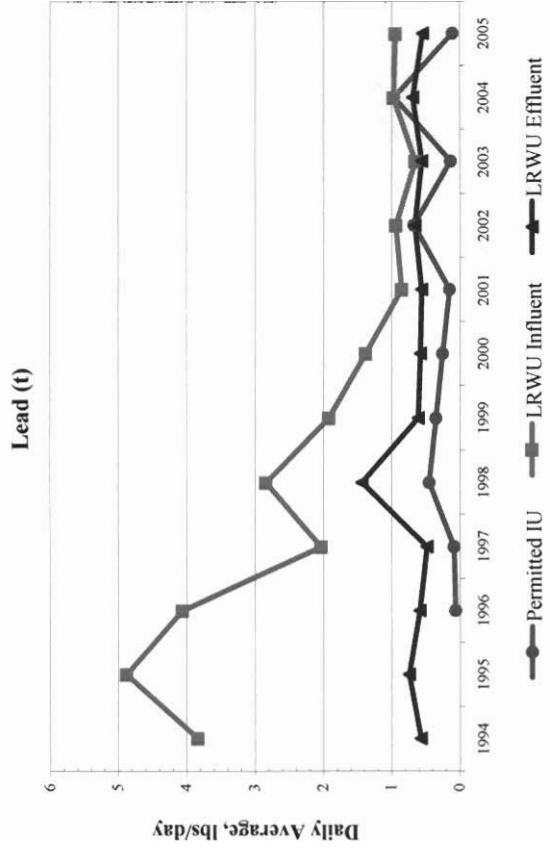
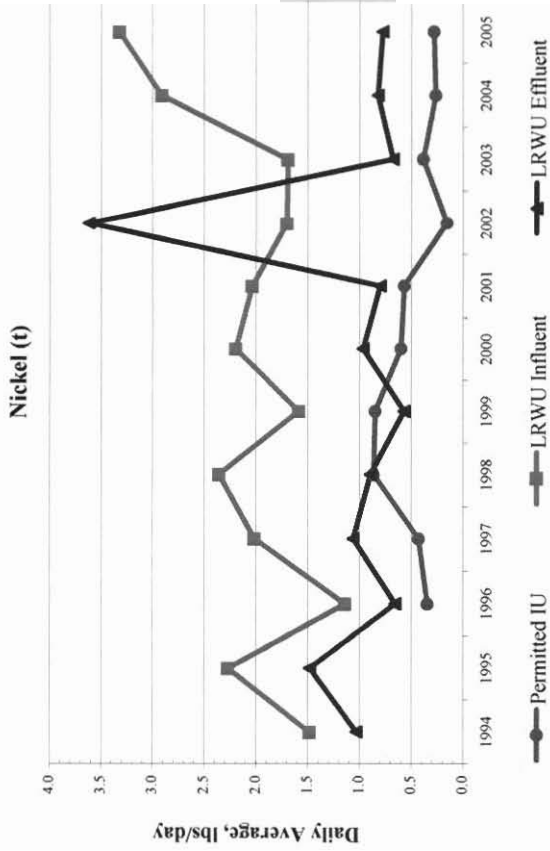
TSS



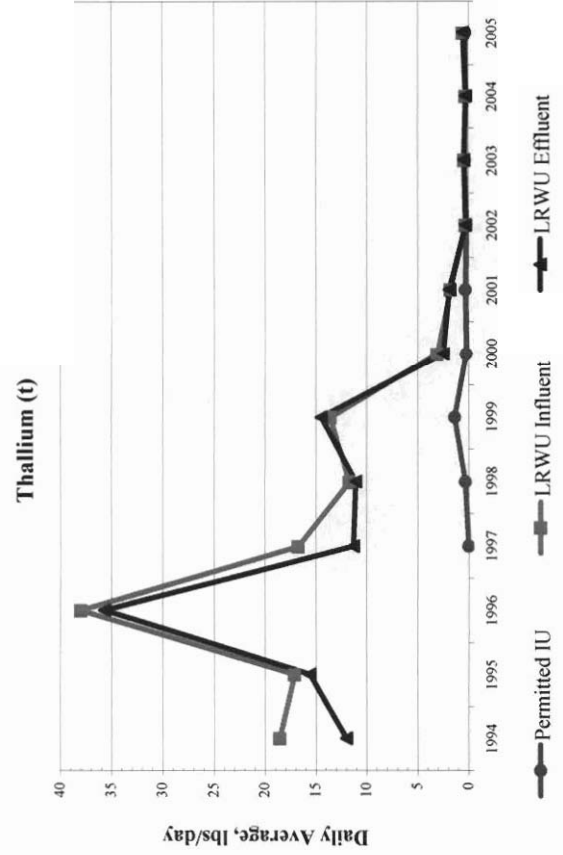
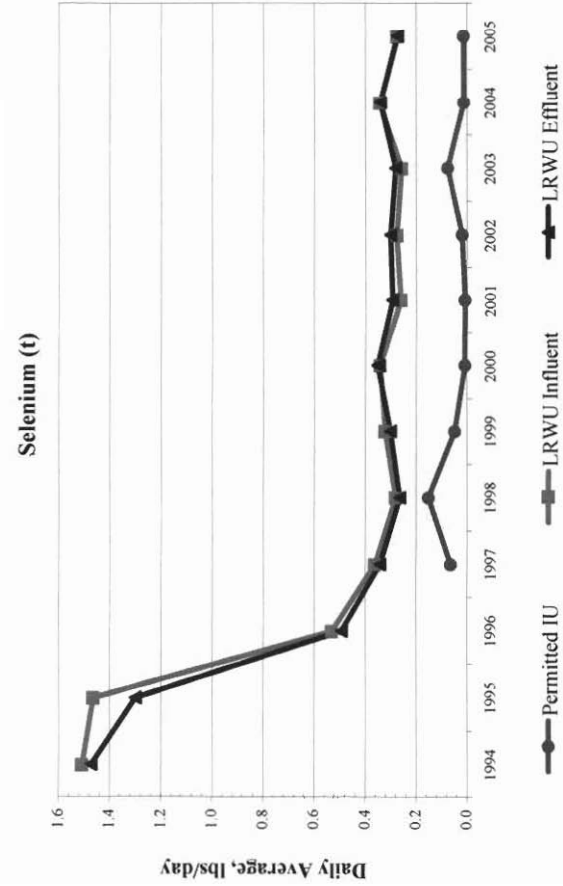
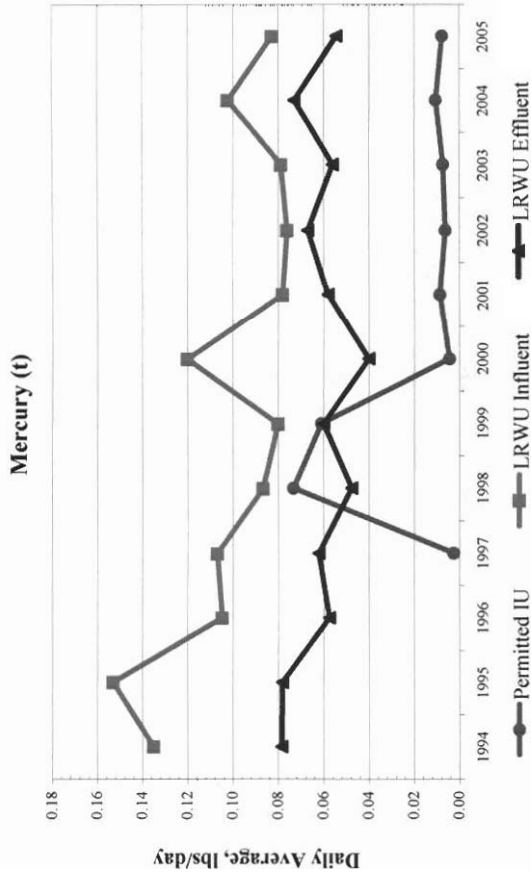
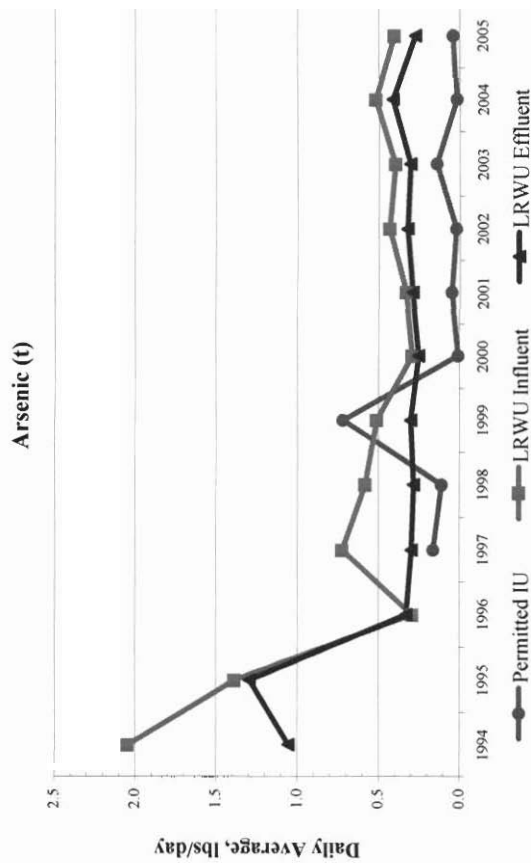
**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 LRWU TOTAL SYSTEM LOADING TRENDS**



**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 LRWU TOTAL SYSTEM LOADING TRENDS**

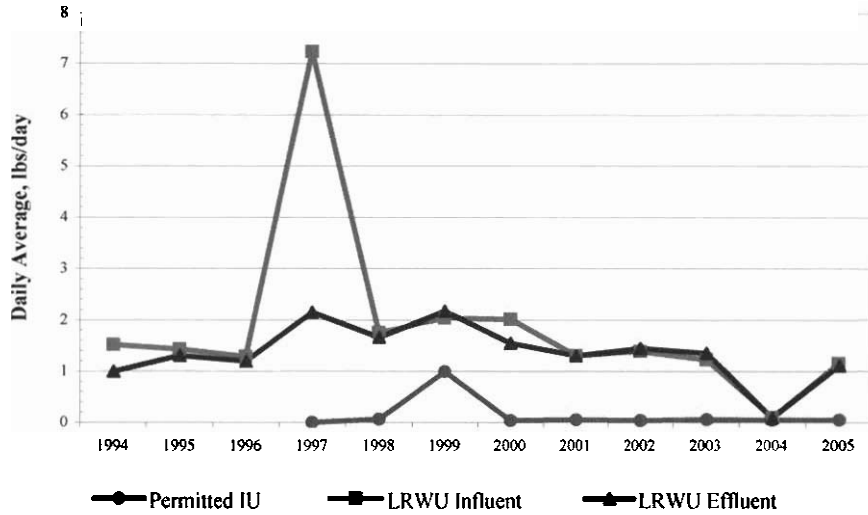


**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 LRWU TOTAL SYSTEM LOADING TRENDS**

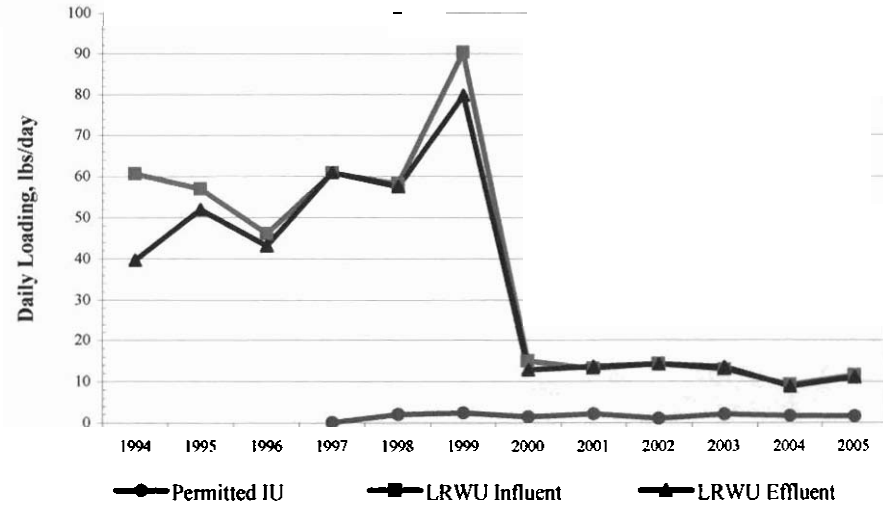


**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 LRWU TOTAL SYSTEM LOADING TRENDS**

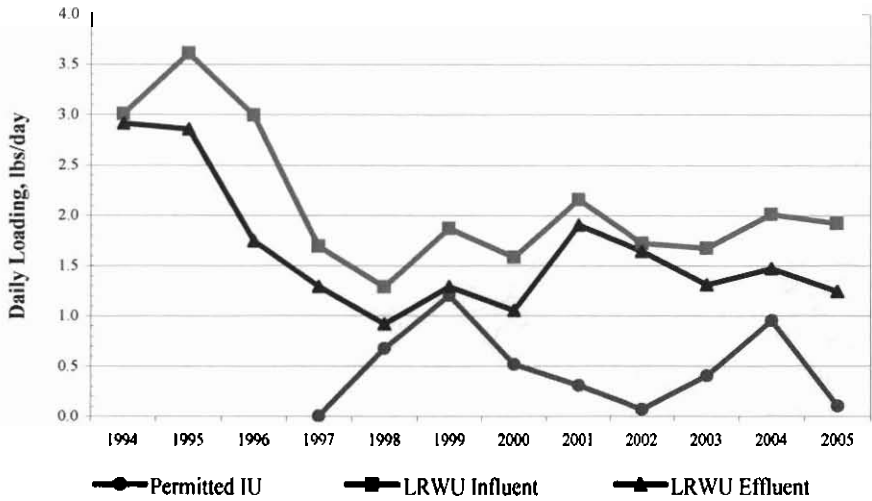
Beryllium (t)



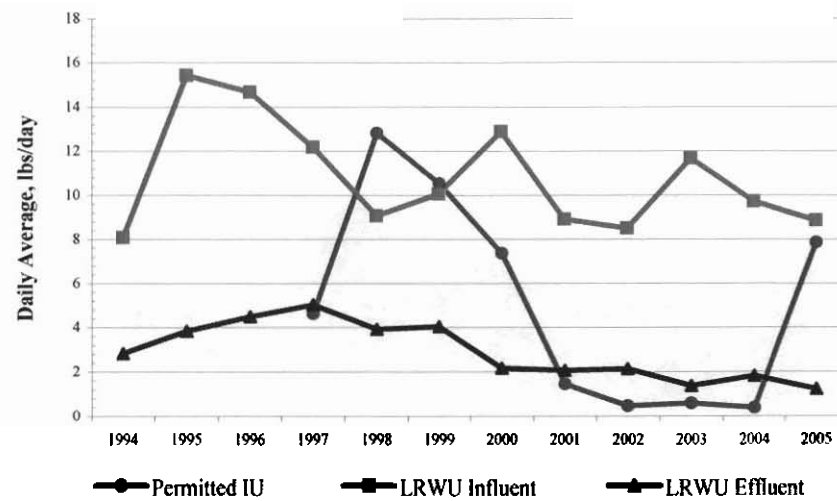
Antimony (t)



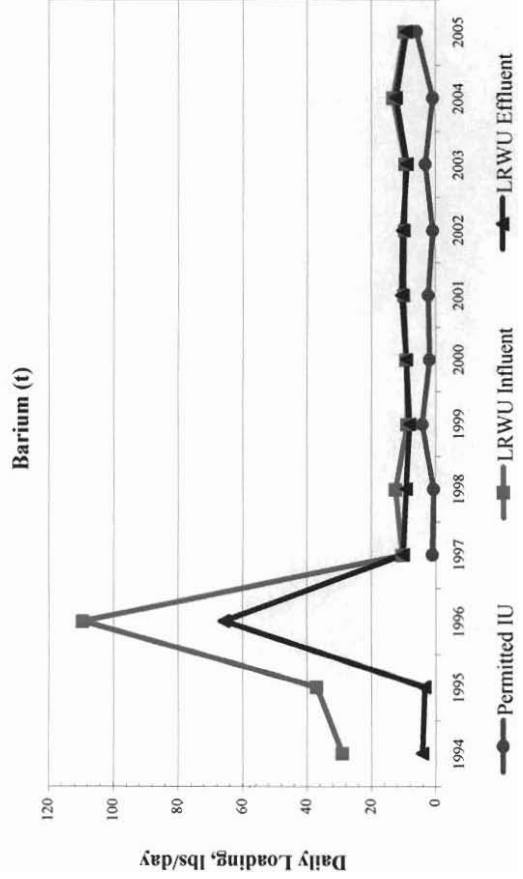
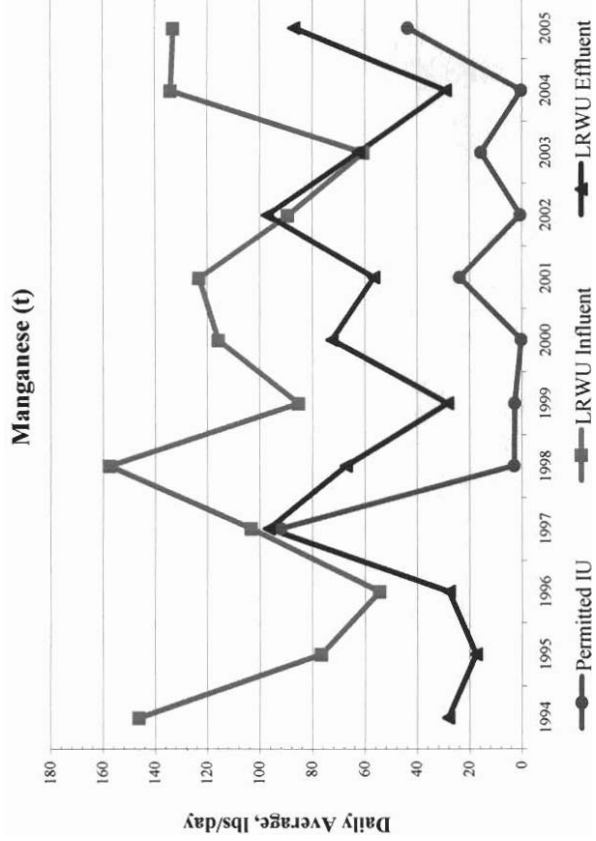
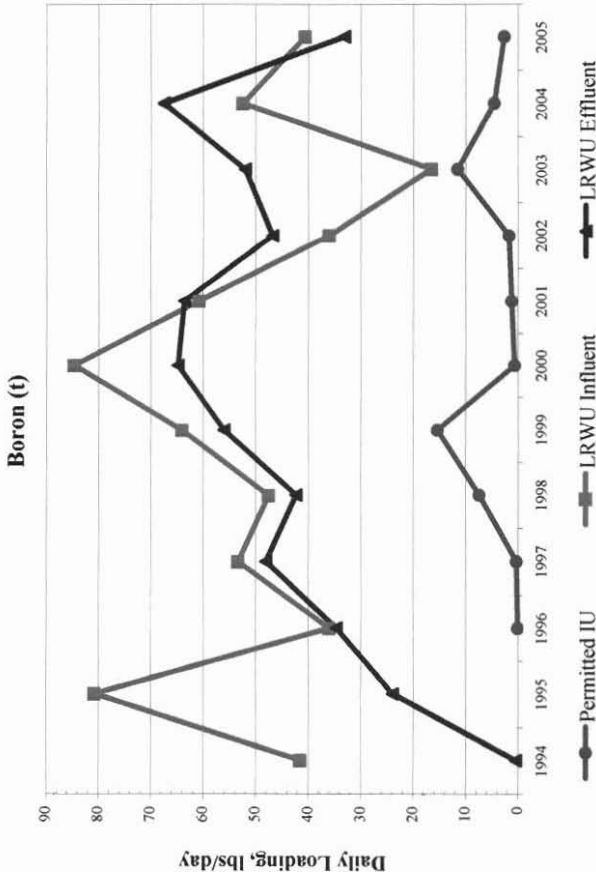
Molybdenum (t)



Total Phenolics

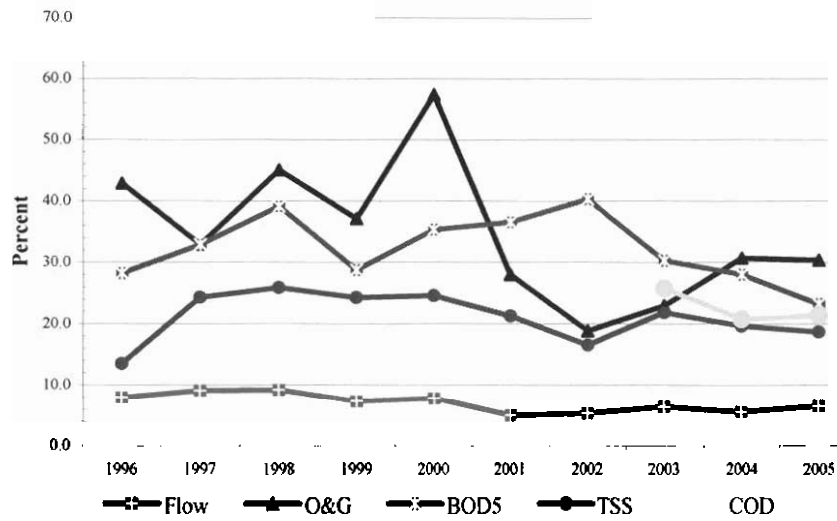


**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 LRWU TOTAL SYSTEM LOADING TRENDS**

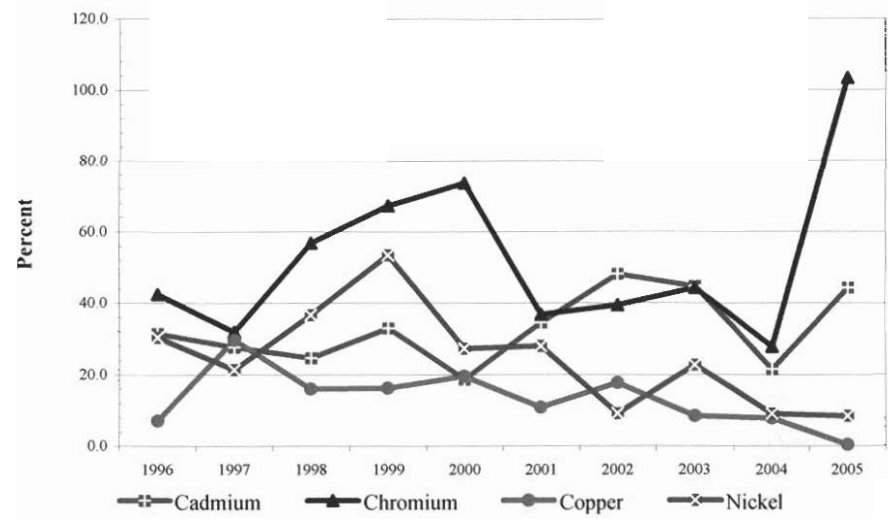


**LITTLE ROCK WASTEWATER UTILITY
ENVIRONMENTAL ASSESSMENT DIVISION
IU PERCENT CONTRIBUTIONS**

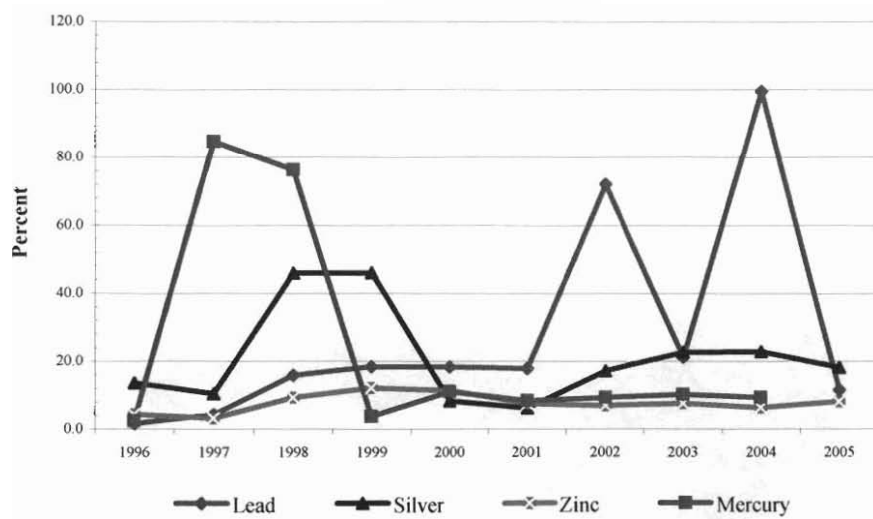
IU % Contributions



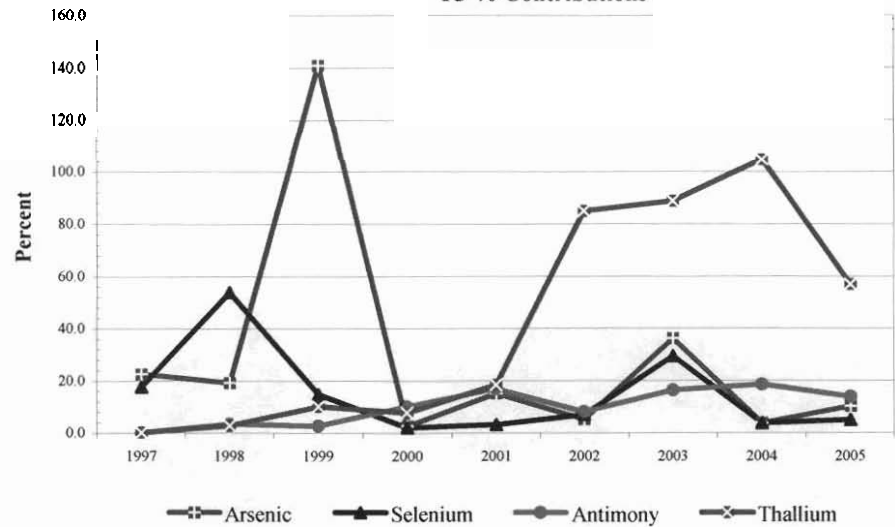
IU % Contributions



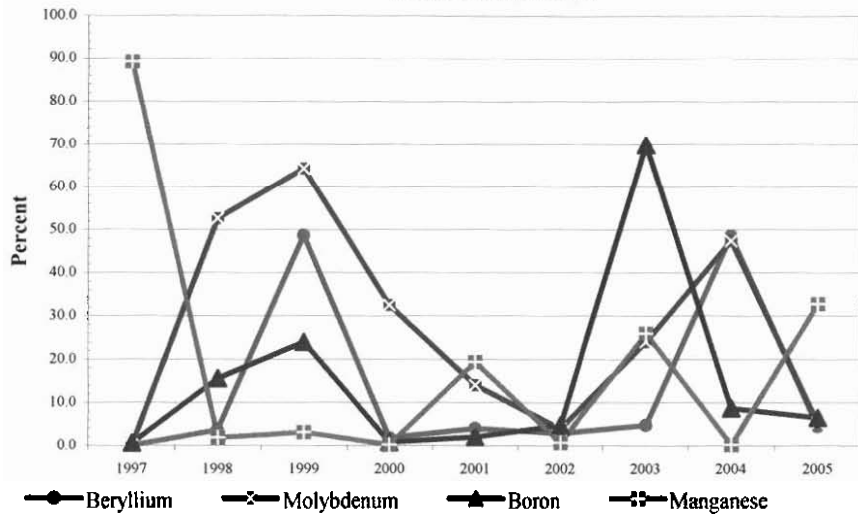
IU % Contributions



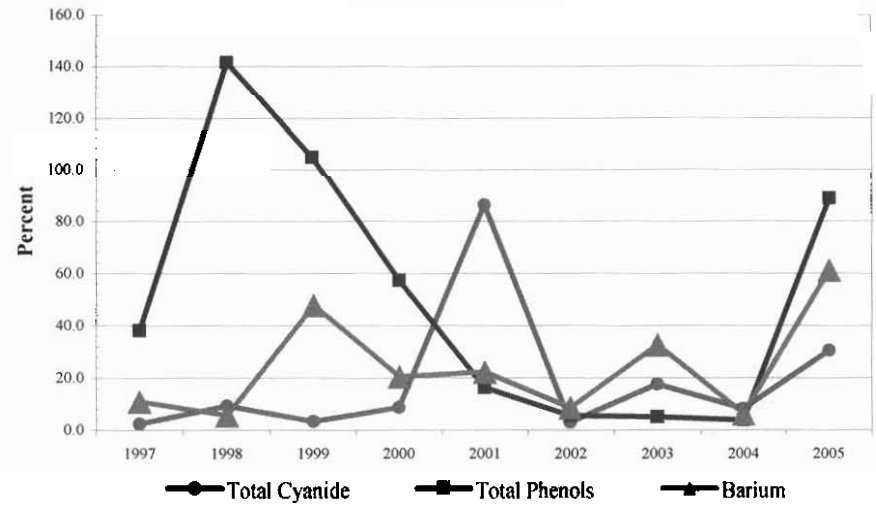
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IU % Contributions



IU % Contributions

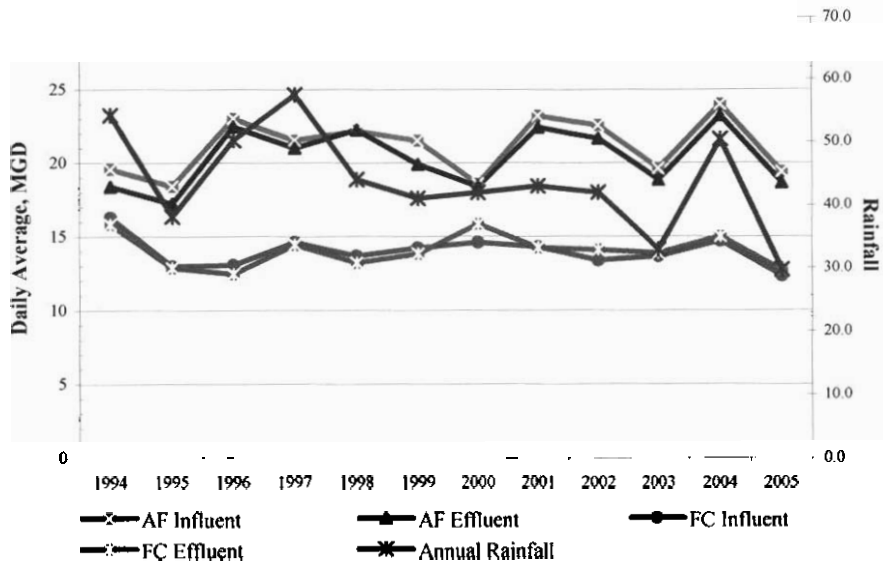


**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 POTW PLANT INFLUENT/FINAL EFFLUENT LOADING TRENDS**

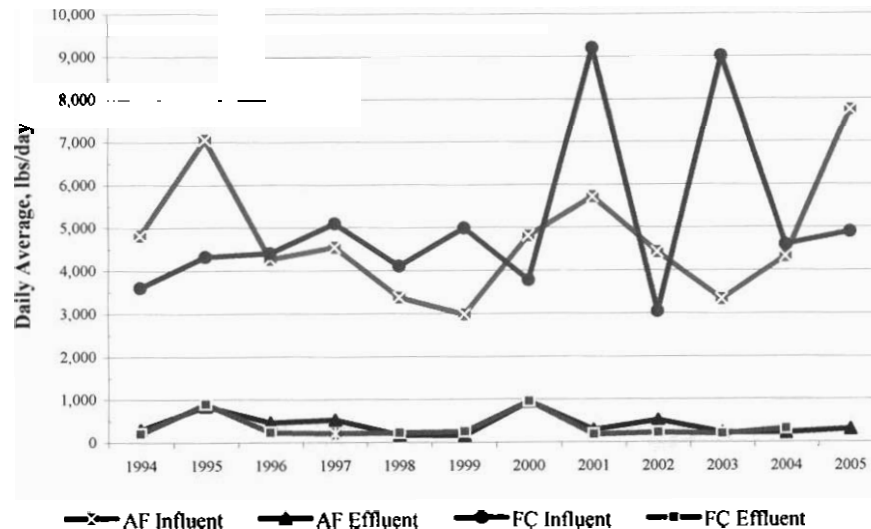
March 17, 2006

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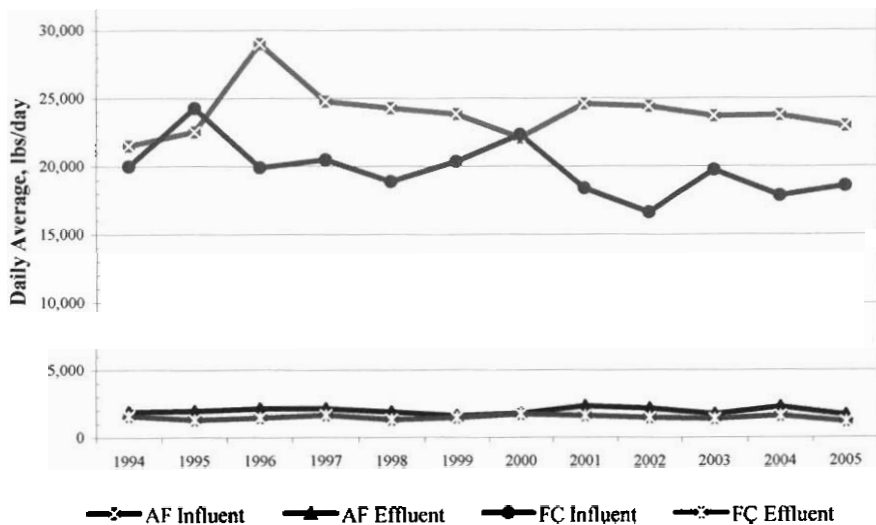
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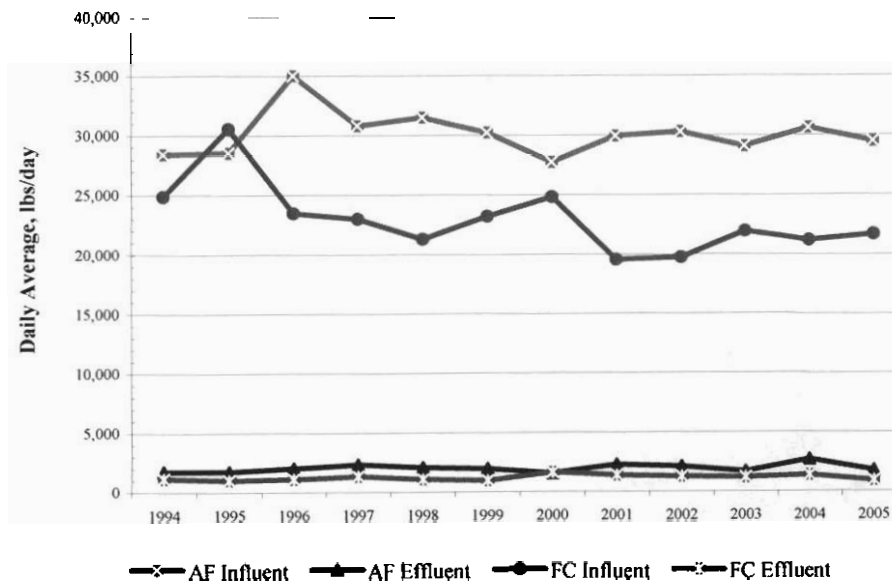
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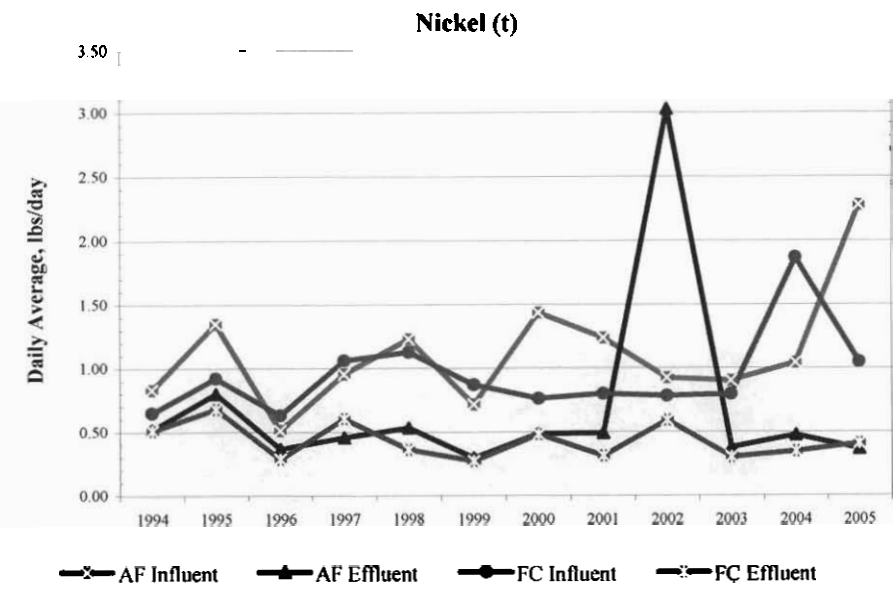
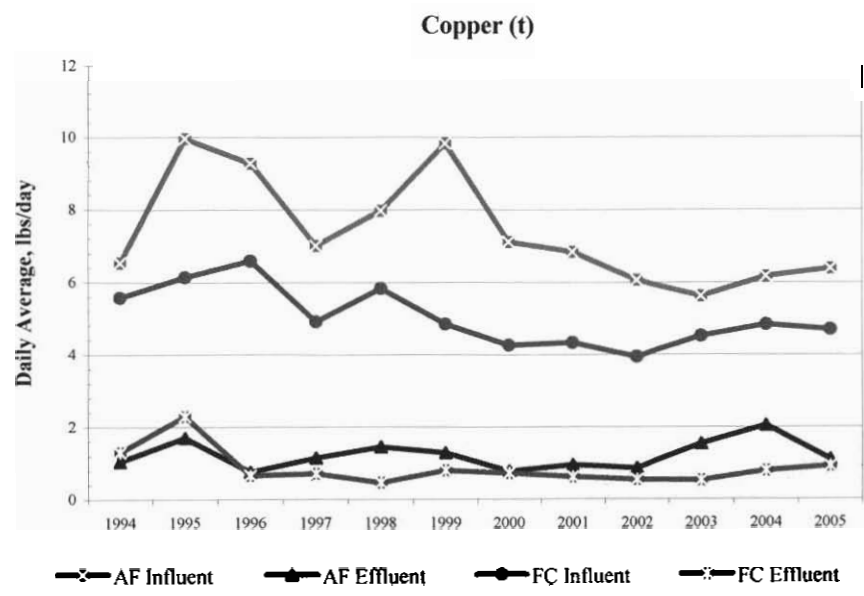
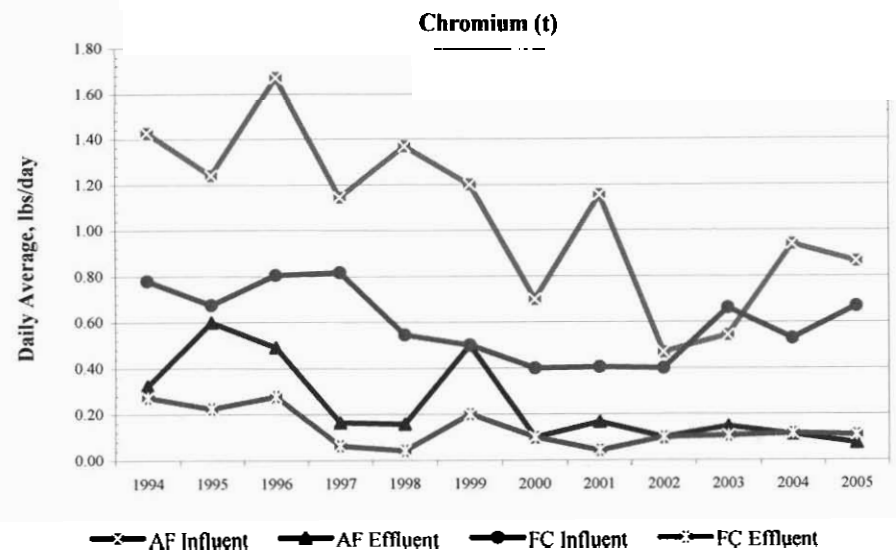
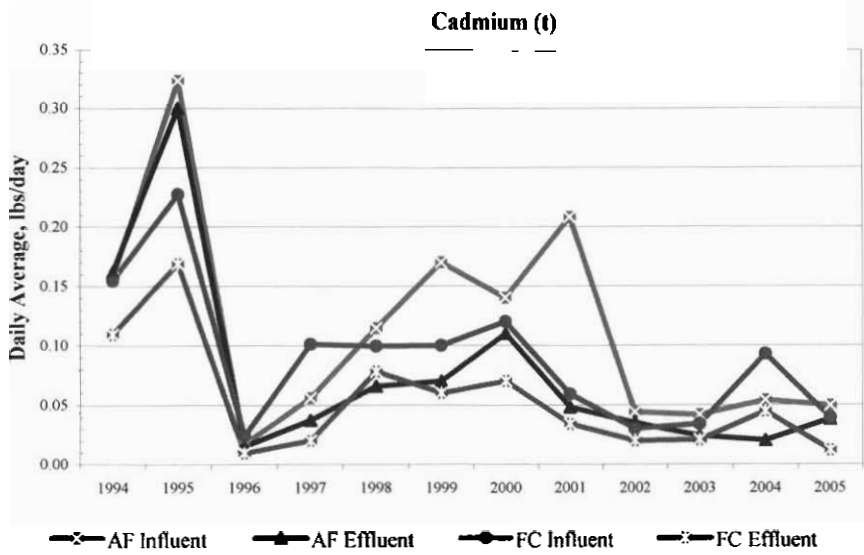
BOD₅



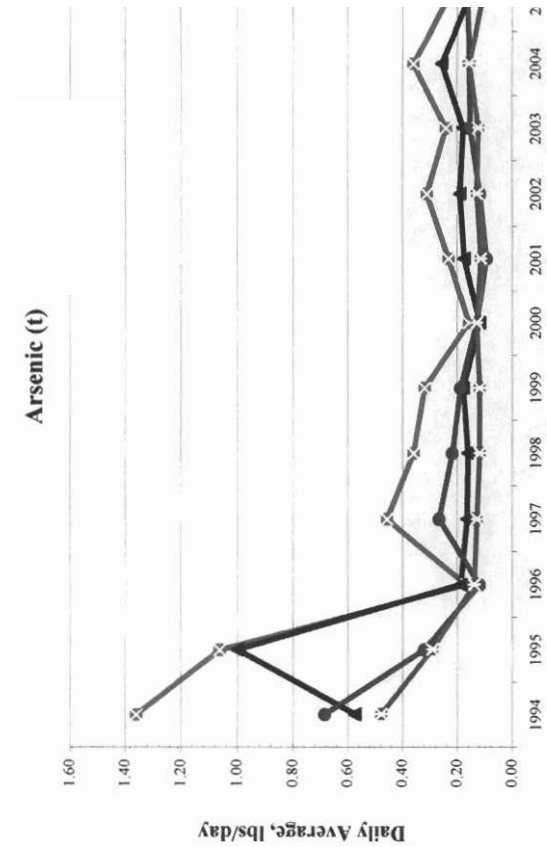
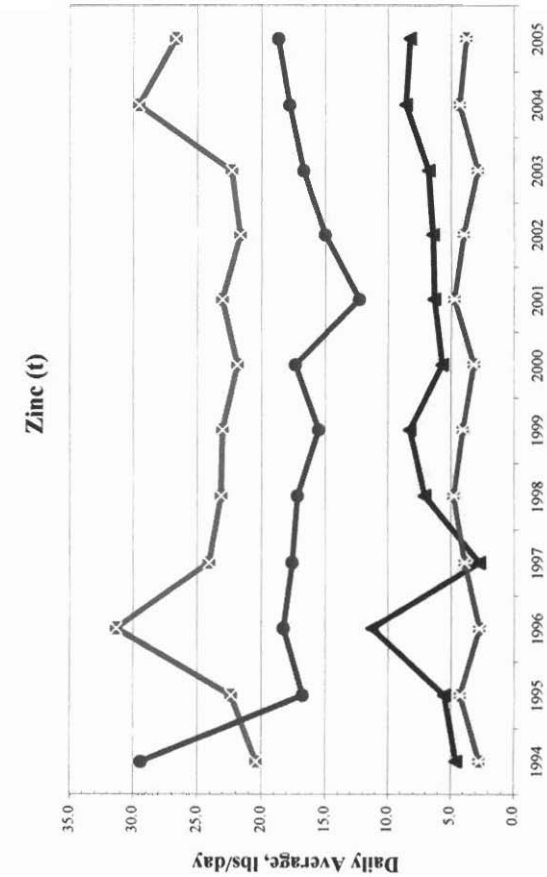
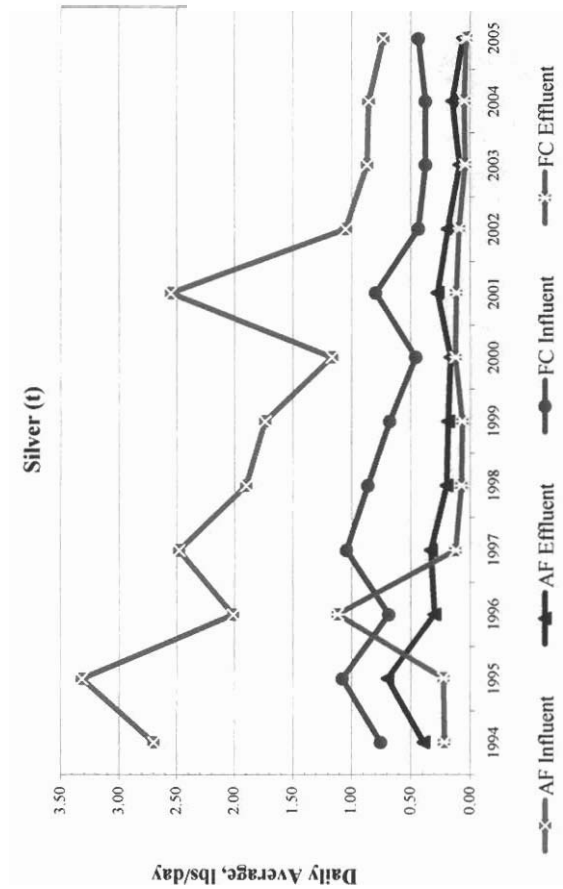
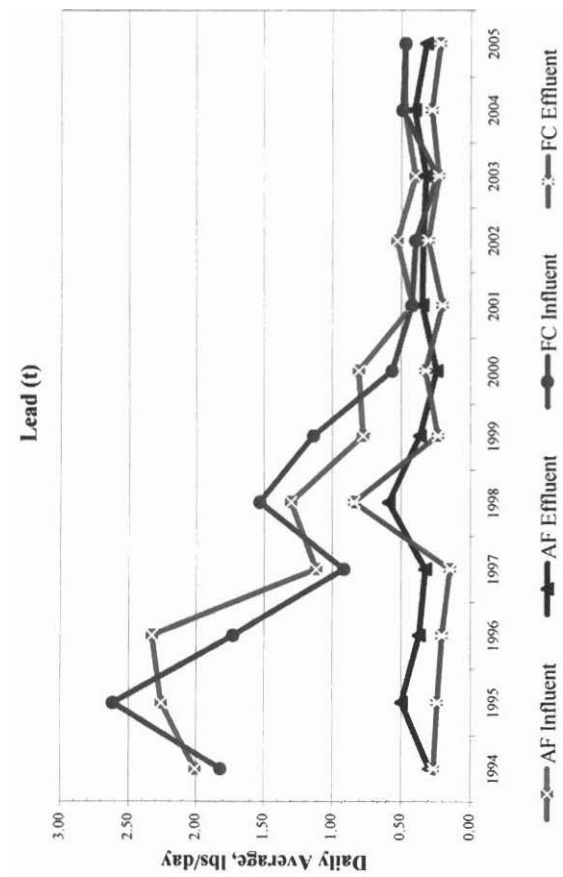
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**LITTLE ROCK WASTEWATER UTILITY
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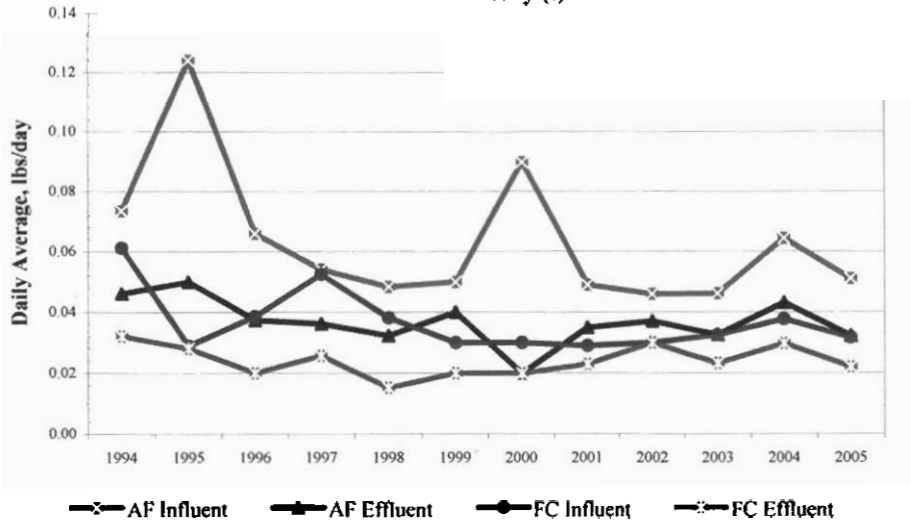


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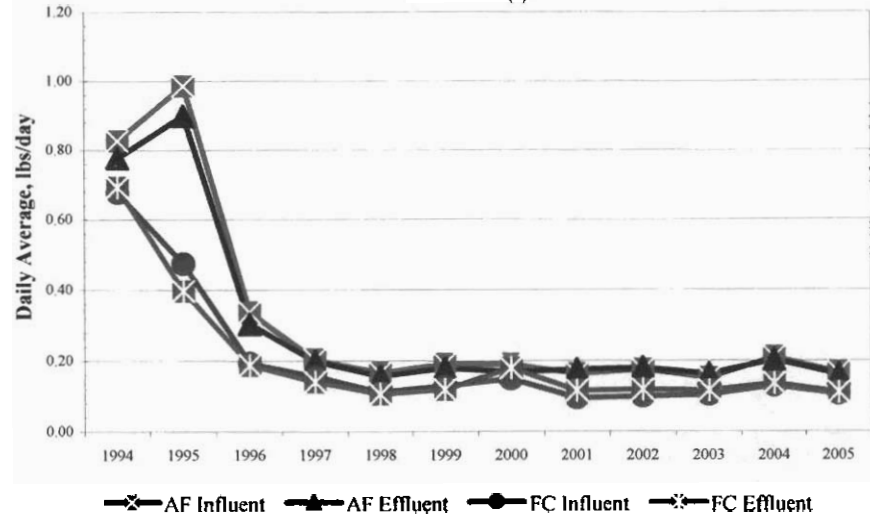


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 ENVIRONMENTAL ASSESSMENT DIVISION
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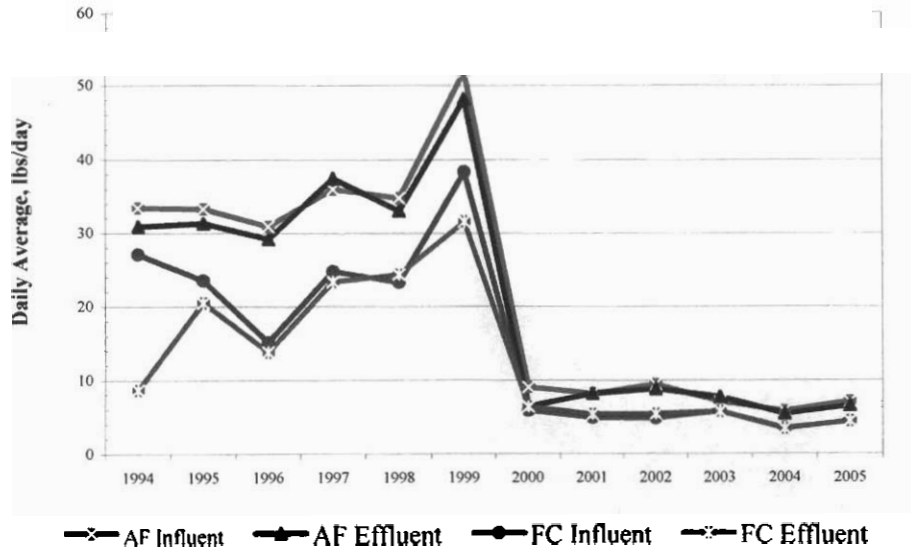
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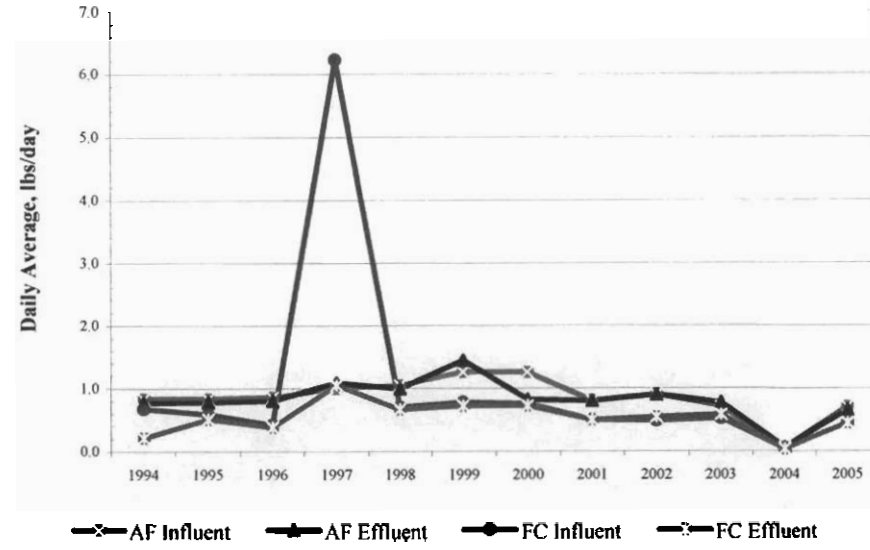
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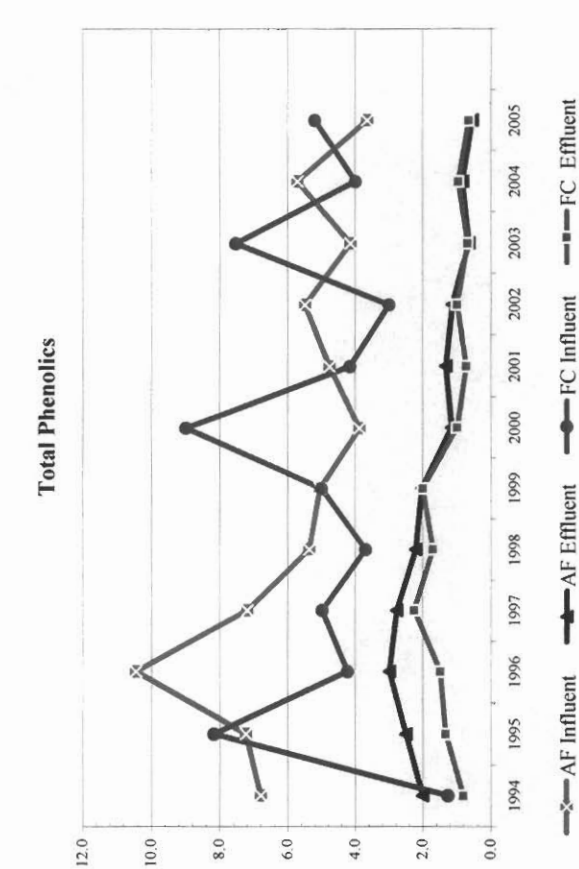
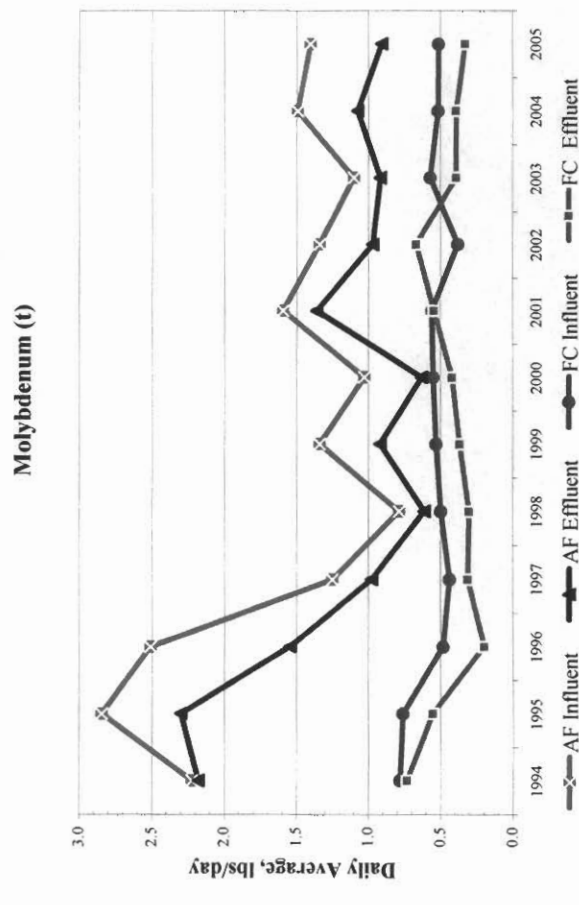
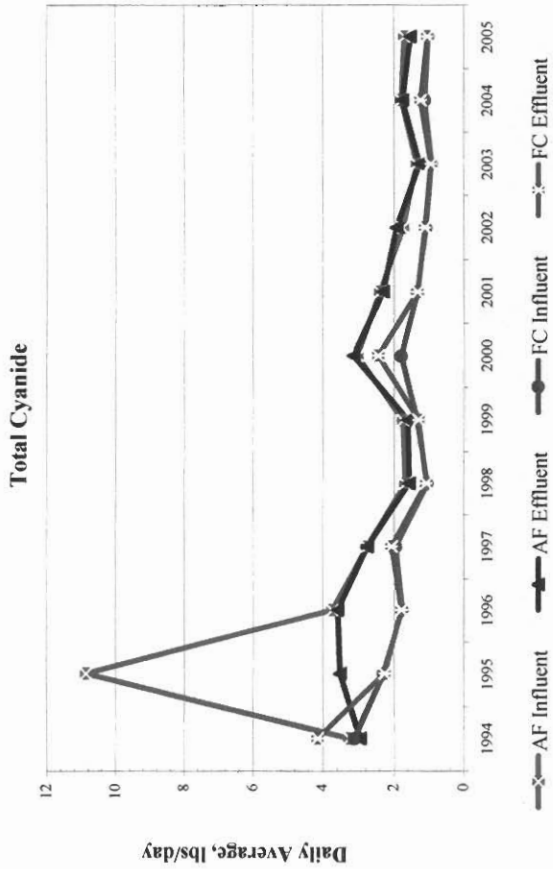
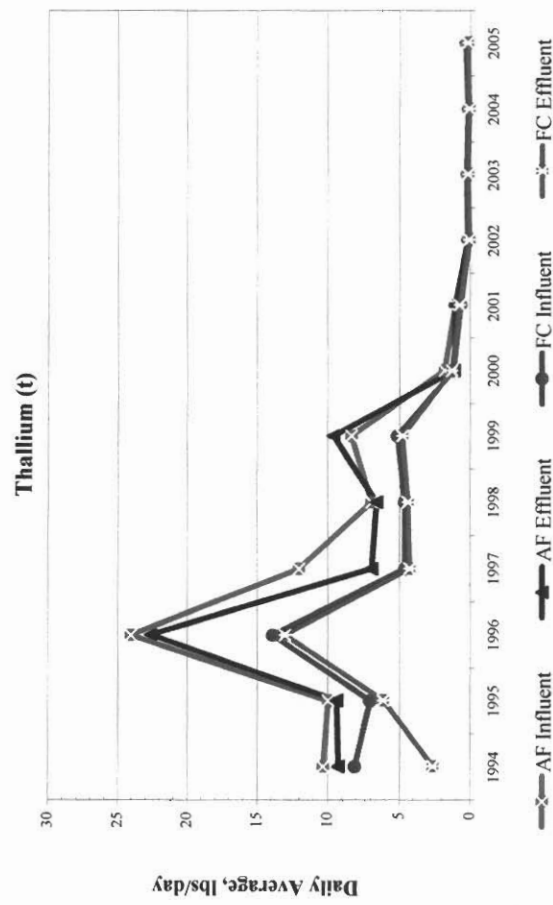
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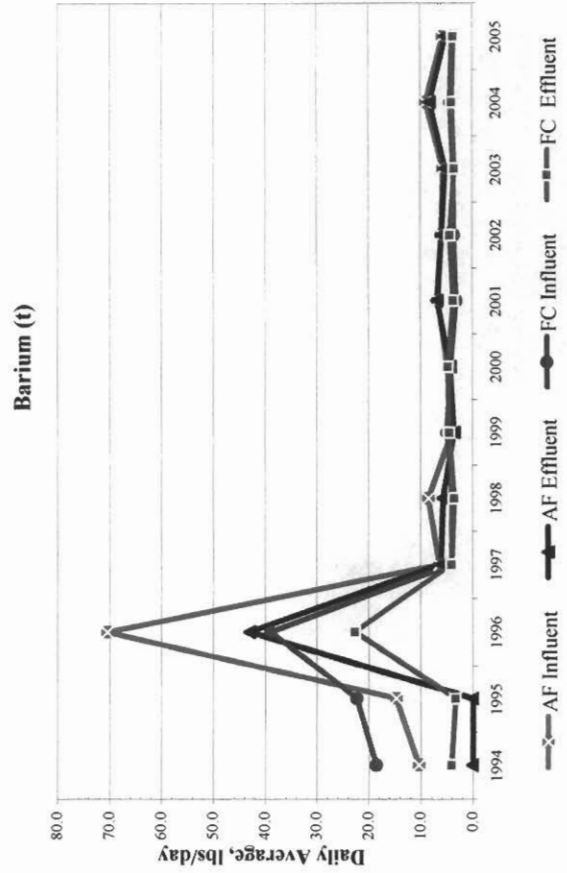
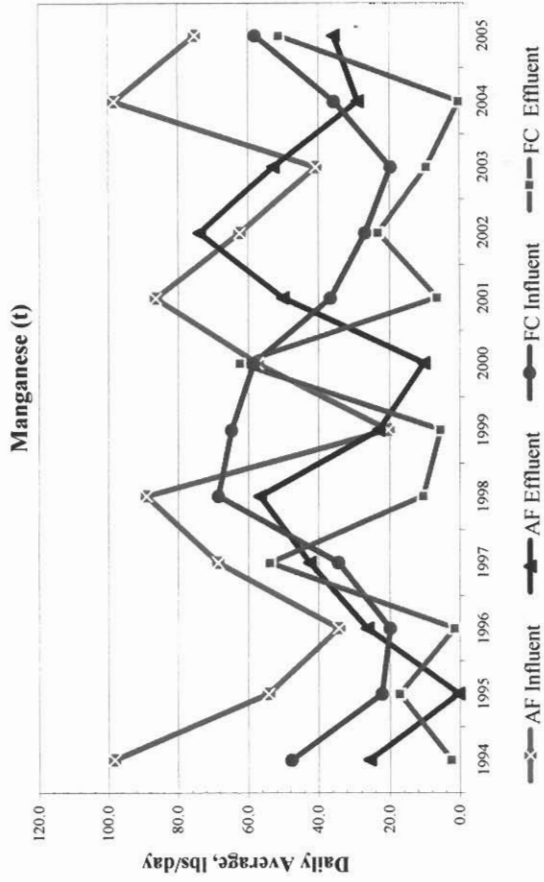
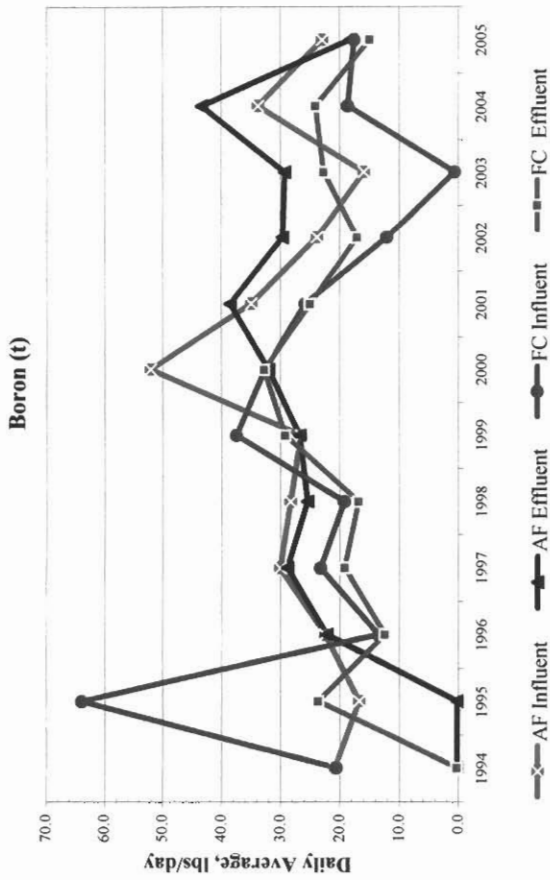
Beryllium (t)



**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 POTW PLANT INFLUENT/FINAL EFFLUENT LOADING TRENDS**



**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 POTW PLANT INFLUENT/FINAL EFFLUENT LOADING TRENDS**



BIOSOLIDS 2005
SUMMARY OF ANALYTICAL RESULTS

FOURCHE CREEK SLUDGE ANALYSES

Sludge from both the Adams Field and Fourche Creek Wastewater Treatment Plant's are anaerobically digested at the Fourche Creek Wastewater Treatment Plant (FCWTP). The stabilized biosolids are further treated by lagooning for a period of up to four (4) years. Biosolids are land applied as a soil conditioner/fertilizer on grass farms and pasture lands in Pulaski County, Arkansas. A total of 5144 dry tons of biosolids were land applied during 2005.

Biosolids from Lagoon 3 and 4 were below the ceiling and pollutant concentrations listed in 40 CFR 503. Biosolids from both lagoons met Class A pathogen requirements 40CFR503.32(a)(6). The data collected prior to land application is organized in the following table:

- FCWTP Biosolids Lagoon Number 3 and 4 - This table includes the required metal test data from 40 CFR Part 503. The metals concentrations were below the 503.13 Table 1 Ceiling Concentrations and the 503.13 Table 3 Pollutant Concentrations. The ceiling concentrations and pollutant concentration limits, where applicable, are included in the table for comparison.

**FOURCHE CREEK WASTEWATER TREATMENT PLANT
BIOSOLIDS 2005-LAGOONS 3 AND 4
METAL ANALYSIS SUMMARY**

Sample Date	Sample Location	Sample Type	Test Parameters - Reported in mg/kg dry														% solids	% volatile solids	pH
			As(t)	Cd(t)	Cr(t)	Cu(t)	Pb(t)	Hg(t)	Mo(t)	Ni(t)	Se(t)	Ag(t)	Zn(t)	CN-(t)					
3/15/2005	046-3-001	Grab	8.1 < 2.4	< 32	368	20	4.8 < 8.1	28.3	4.9 < 8	1187	< 1.3					6.19	52.80	7.46	
	046-3-002	Grab	6.1 < 2.3		369	45	3.0 < 7.6	30.3	3.0	1147						6.60	51.33	7.40	
	046-3-003	Grab	6.1 < 2.3		389	54	< 3.1 < 7.7	30.7	3.1	1218						6.51	52.59	7.39	
	046-3-004	Grab	11.6 < 2.2		401	43	2.9 < 7.2	21.7	5.8	1171						6.91	51.57	7.46	
	046-3-005	Grab	9.1 < 2.3		408	38	4.6 < 7.6	22.8	6.1	1193						6.57	50.90	7.44	
	046-3-006	Grab	6.6 < 2.5		395	33	3.3 < 8.3	33.2	6.6	1178						6.03	52.25	7.36	
	Lagoon 3	AVG	7.9 < 2.3	< 32	388	39	< 3.6 < 7.8	27.8	4.9 < 8	1182	< 13					6.47	51.91	7.42	
3/15/2005	046-4-001	Grab	7.4 < 2.2	< 30	431	48	4.4 < 7.4	33.3	3 < 7	1221	< 1.5					6.76	51.64	7.35	
	046-4-002	Grab	9.9	4.1	396	33	3.3 < 8.3	41.3	6.6	1300						6.06	51.59	7.46	
	046-4-003	Grab	10.0	3.3	402	33	3.3 < 8.3	33.3	3.3	1246						6.00	48.90	7.32	
	046-4-004	Grab	13.1	3.3	435	41	< 3.3 < 8.2	40.8	6.5	1276						6.12	50.34	7.32	
	046-4-005	Grab	9.7	3.2	388	49	< 3.2 < 8.1	40.5	3.2	1274						6.18	50.12	7.44	
	046-4-006	Grab	9.3	3.9	374	55	< 3.1 < 7.8	38.9	6.2	1133						6.42	50.87	7.38	
	Lagoon 4	AVG	9.9 < 3.3	< 30	404	43	< 3.4 < 8.0	38.0	4.8 < 7	1242	< 1.5					6.26	50.58	7.38	

Average	8.9 < 2.8	< 31	396	41	< 3.5 < 7.9	32.9	4.9 < 8	1212	< 1.4	7.40
Maximum	13.1	4.1 < 32	435	55	4.8 < 8.3	41.3	6.6 < 8	1300	< 1.5	7.46
Minimum	6.1 < 2.2	< 30	368	20	< 2.9 < 7.2	21.7	3 < 7	1133	< 1.3	7.32

*Ceiling Conc., mg/kg dry	75.0	85	n/a	4300	840	57	75.0	420.0	100.0	n/a	7500	n/a
*Pollutant Conc., mg/kg dry	41.0	39	n/a	1500	300	17	n/a	420.0	36.0	n/a	2800	n/a

*40CFR Part 503.13 Table 1 and 3 Limits for Land Application

Biosolids analysis were performed using EPA SW-846 test methods for evaluation of solid waste

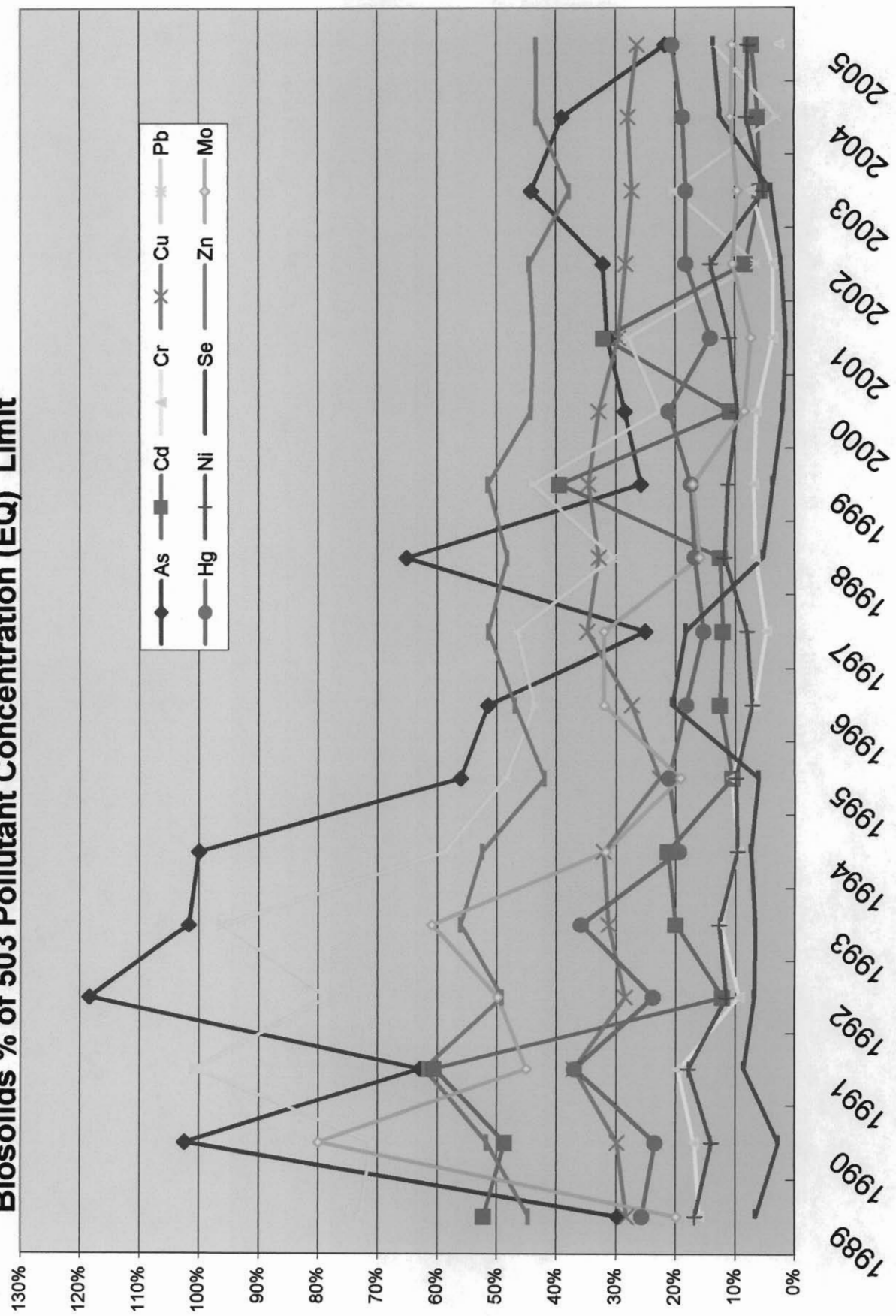
NUTRIENTS

FOURCHE CREEK WASTEWATER TREATMENT PLANT
 BIOSOLIDS 2005-LAGOONS 3 AND 4
 NUTRIENTS ANALYSIS SUMMARY

Sample Date	Sample Location	Sample Type	Test Parameters - Reported in mg/kg dry							
			Nitrate(NO3)	Nitrite(NO2)	Phosphorus	Potassium	Ammonia as N	Nitrogen	PCB*	TCLP*
March 15, 2005	Lagoon 3-001	Grab	< 5.0	< 5	39000	3000	18000	48000		
	Lagoon 3-002	Grab	5.4	< 5	39000	3200	20000	48000		
	Lagoon 3-003	Grab	< 5.0	< 5	36000	2600	20000	50000		
	Lagoon 3-004	Grab	< 5.0	< 5	38000	3000	20000	53000		
	Lagoon 3-005	Grab	< 5.0	< 5	38000	2800	17000	49000		
	Lagoon 3-006	Grab	< 5.0	< 5	37000	2900	19000	51000		
	Lagoon 3	AVG	5.1	< 5	37833	2917	19000	49833	< 2	Pass
March 15, 2005	Lagoon 4-001	Grab	< 5.0	< 5	35000	2800	23000	51000		
	Lagoon 4-002	Grab	5.9	< 5	40000	3400	20000	54000		
	Lagoon 4-003	Grab	< 5.0	< 5	35000	3000	19000	52000		
	Lagoon 4-004	Grab	< 5.0	< 5	36000	2900	21000	48000		
	Lagoon 4-005	Grab	6.4	< 5	36000	3200	23000	52000		
	Lagoon 4-006	Grab	< 5.0	< 5	36000	3200	19000	46000		
	Lagoon 4	AVG	5.4	< 5	36333	3083	20833	50500	< 2	Pass
	Average		< 5.2	< 5	37083	3000	19917	50167	< 2	Pass
	Maximum		6.4	< 5	40000	3400	23000	54000		
	Minimum		< 5.0	< 5	35000	2600	17000	46000		

* 503.6(e) 503 does not establish requirements for use or disposal if determined to be hazardous in accordance to 40CFR261.
 * 503.6(f) 503 does not establish requirements for use or disposal if concentration of PCBs is equal to or greater than 50 mg/kg dry.
 Biosolids analysis were performed using EPA SW-846 test methods for evaluation of solid waste
 PCB and TCLP sample for each lagoon was 6 part composite intergrated by weight.

Biosolids % of 503 Pollutant Concentration (EQ) Limit



CODE SHEET

Annual Report

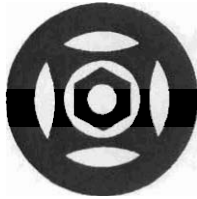
		<u>CODE</u>
Auditor's Name	<u>Gilliam</u>	
Permit Number	<u>AR 0021806 (PAR0040177)</u>	
Period Report Covers End Date	<u>12/31/06</u>	PSED
Start Date	<u>1/1/05</u>	PSSD

PPETS WENDB DATA ELEMENTS

Significant IUs in Significant Noncompliance with Pretreatment Compliance Schedule	<u>0</u>	SSNC
NOV's and A.O.'s Issued Against Significant IUs	<u>8</u>	FENF
Civil and/or Criminal Judicial Actions Against Significant IUs	<u>0</u>	JUDI
Significant IUs with Significant Violations published in Newspaper	<u>1</u>	SVPU
IUs from which penalties have been collected	<u>8</u>	IUPN

COMMENTS:

**Little Rock
Wastewater
Utility**



221 East Capitol
Little Rock, Arkansas 72202
Bus. 501-376-2903
Fax. 501-376-3541

8/11/06
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MAR 31 2006
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ind/eff logged

March 31, 2006

HAND DELIVERED ON MARCH 31, 2006

Director
Arkansas Department of Environmental Quality
NPDES Enforcement Section
P.O. Box 8913
Little Rock, AR 72219-8913

RE: 2005 Annual Pretreatment Program Report
NPDES Permit AR0021806 – Adams Field WWTP
NPDES Permit AR0040177 – Fourche Creek WWTP

Gentlemen:

The purpose of this letter is to show compliance with the requirements found in 40 CFR 403.12(i) and the referenced NPDES permits issued to Little Rock Wastewater Utility (LRWU). During 2005, LRWU continued activities pursuant to maintaining compliance with the General Pretreatment Regulations (40 CFR 403). Enclosed with this letter is the 2005 Annual Pretreatment Program Report.

Contained within Section III of the enclosed report is a summary of the number of industrial users that have been in significant violation or significant noncompliance since 1986. During 2005, one industry was in significant noncompliance with applicable pretreatment requirements according to criteria published in 40 CFR 403 and EPA, Region VI, policy on quarterly reviews of industrial user compliance.

Also included in this report is an update on LRWU's industrial user list and LRWU's Pretreatment Program Status Report outlining compliance, sampling, and inspection information. The following abbreviations are used in the Pretreatment Program Status Report: C = compliance, NC = noncompliance, SNC = significant noncompliance, RD = received, and NR = not required. LRWU is also enclosing information on sampling results for influent and effluent wastewater and biosolids as required by our NPDES permits.

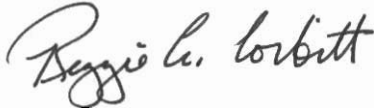
NPDES PERMIT FILE

NPDES # AR0021806/40177
AFIN # 60-66409/60-60409
Permit PN

Correspondence
Technical Backup
Date Scanned

If you have any questions concerning any of the information submitted or require additional information, do not hesitate to contact Stanley Suel at 490-5403, or me at 376-2903.

Sincerely,
LITTLE ROCK WASTEWATER UTILITY



Reggie A. Corbitt, P.E.
Chief Executive Officer

cc: Stanley Suel, Director of Environmental Assessment
Stanley Miller, Manager of Operations
Jeff Davis, Pretreatment Supervisor
Susan Samples Ledbetter, Pretreatment Supervisor
Walter Collins, Fourche Creek Superintendent
Perry Thorton, Acting Adams Field Superintendent
EAD Compiler
Reader's File



**LITTLE ROCK
WASTEWATER UTILITY**

**2005 ANNUAL
PRETREATMENT
PROGRAM REPORT**

Submitted March 31, 2006



**LITTLE ROCK WASTEWATER UTILITY
2005 ANNUAL PRETREATMENT PROGRAM REPORT**

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Section I..... 2005 Program Accomplishments

Section II Pretreatment Performance Summary

Section III Summary of IU Noncompliance (1986 - 2005)

Section IV Pretreatment Program Status Report

Section V Updated Industrial User List

Section VI Influent and Effluent Analyses of Treatment Plants

Section VII..... Loading Trends

Section VIII Summary of 2005 Biosolids Analyses

LITTLE ROCK WASTEWATER UTILITY ENVIRONMENTAL ASSESSMENT DIVISION

Industrial Pretreatment Program 2005 Accomplishments

The Industrial User Relations (IUR) Section of the Environmental Assessment Division (EAD) carries out the requirements of 40 Code of Federal Regulations Part 403 (40CFR403) General Pretreatment Guidelines. In 2005, fifty-four (54) industries, with thirty-eight (38) of SIU status, retained Industrial Wastewater Discharge Permits for controlling discharges of industrial wastewater by sampling, inspecting, and tracking compliance with applicable Federal, State, and Local regulations. Control documents were issued to sixteen (16) additional non-SIU facilities for the purpose on controlling and monitoring discharge requirements. A total of 812 inspections and investigations were conducted at industrial and commercial facilities during 2005.

The IUR Section is successful with addressing industry non-compliance and requiring necessary corrective measures to obtain a return to compliance. During 2005, twenty-nine (29) violation reports were completed to track industry violations for a return to compliance. In 2005, Dassault Falcon Jet Corporation, for violation of the cadmium Daily Maximum and Monthly Average Technical Review Criteria of 40CFR403, was the only IU in Significant Non-Compliance.

Extra strength surcharges for BOD/COD, TSS, O&G, and pH billed during the year of 2005 totaled approximately \$618,466. Landfill Leachate billing was \$191,340. The City of Little Rock Sanitary Sewer Committee's adoption of the 2005 Consolidated Fee Schedule allowed EAD to administer additional program fees totaling \$65,963. Such fees include permit fees, compliance monitoring fees, disposal fees and inspection fees.

The EAD staff promotes pollution prevention and continual IU compliance through the uses of several venues. Workshops, conferences, EPA guidance information, and award recognitions were tools employed to encourage adoption of pollution prevention activities.

Whole effluent toxicity tests were conducted once per quarter for the final effluents at both the Adams Field Wastewater Treatment Plant (AFWTP) and Fourche Creek Wastewater Treatment Plant (FCWTP). No lethal or sub-lethal toxic effects were observed for either of the AFWTP's or FCWTP's final effluents at any of required NPDES effluent test dilutions.

During 2005, Little Rock Wastewater Utility's implemented and accomplished several pretreatment program activities as listed below.

Program Development

The LinkoCTS+™ Industry Management and LinkoFOG Facility Management Standard Operating Procedures (SOP) and Event Management SOP were approved for use. EAD Staff began using the Linko Production as a database for all investigated facilities and industries. Facility events and monitoring point information is also entered into Linko.

- EAD Staff utilizes a mapping program, ArcView, to locate facilities by linking the GIS No. for Linko as the BO_Unique No. in ArcView. This enables facility searches in ArcView and allows ArcView to develop a color layer to identify EAD facilities and locations on ArcView maps showing sanitary sewer mains and structures. Slug response sample kits were constructed for the WWTP Operators to collect and preserve samples. Chain of Custody instructions, preservation methods, and pH meter calibration procedures were included for LRWU Operations. The kits will enable operators to collect and retain samples for evaluation of slug impacts.
- EAD Staff began sending out all Pretreatment Program related billing fee invoices. A spreadsheet showing monthly and yearly invoice totals is used to track the EAD related invoices mailed.
- Revisions were made to the Industrial Wastewater Discharge Permits Part II - General Conditions Reporting Requirements. The revisions updated the industry's Slug Notification Procedures required by permit.
- A presentation on LRWU's Pollution Prevention Awards Program was made by Jeff Davis, Pretreatment Supervisor, at the 21st Annual Pretreatment Conference in Irving Texas.
- Pretreatment Staff attended the *AWW&WEA Short School and Conference* held at the Hot Springs Convention Center. EAD IPP staff members made various presentations at the conference.
- A Class IV Wastewater Operator License was obtained by Louise Hogan EAD Industrial Inspector. A Class III Wastewater Operator License was obtained by Mikel Murders, EAD Industrial Inspector.
- Pretreatment Staff attended the *Healthy Environment for Hospitals Conference*, sponsored by ADEQ. This conference was an education tool for medical facility best management practices and disposal regulations.
- EAD staff collected biosolids samples and drafted documents for signature certifying biosolids land applied in 2005 were Class A Exceptional Quality.

Industrial Relations

- Pretreatment Staff planned and conducted the 8th Annual Pollution Prevention Award Program and presentation ceremony to recognize the 2005 award recipients. For 2005 the P2 Award Program presented awards to five industrial sectors during a ceremony at a City Board Meeting.
- The 2004 Excellence Awards were mailed June 30, 2005 to thirty-seven (37) qualifying facilities with perfect compliance during 2004.
- Special permitting issues in 2005:

1. Gesco - Permit closure, process wastewater discharge discontinued,
 2. Ace Plating Works - Permit closure, facility closed,
 3. Archer Daniels Midland - Permit closure, facility closed,
 4. Harcross Chemical - Permit closure, process wastewater discharge discontinued,
 5. Cooper Cameron Orbit Valve - Permit revised, new categorical process,
 6. Tire Cure Bladders L.L.C.- Permit revised, facility name and ownership changed,
 7. Air Transport International - New permit issued, facility categorical process identified through IU Survey,
 8. Diamond Bear Brewery - New permit issued, facility identified through IU Survey.
- Pretreatment staff evaluated several pretreatment and discharge issues presented by industry during 2005:
 1. EAD conducted wet well pump down testing at Little Rock City Landfill. The pump down test indicated that the meter totalizer is recording accurately. This resolved a dispute of sanitary sewer flow and billing. Flow increases occurred after the compost pad runoff was connected directly to the pump station inlet main. Flow is regulated by pumping capacity.
 2. EAD worked with LRWU Engineering to evaluate the UAMS request to connect cooling tower recirculation tanks to the sanitary sewer. LRWU approved the discharge with reporting requirements.
 3. EAD evaluated Wheatland Tube plans to replace the pretreatment final clarifier and equipment. The new system was approved, installed, and is working well.
 4. Dassault Falcon Jet construction plans were reviewed for new jet hangars. All trench drains and floor drains in the hangar service and storage area are plumbed to a 1,000 gallon holding tank with no outlet to the sanitary sewer. There is the ability to bypass the holding tank to the storm drain in the case fire suppressant is discharged. Plans were approved.
 5. Coca-Cola proposed a discharge from a can crusher operation of high strength waste product. EAD worked with Fourche Creek Wastewater Operations Division and approval was given with flow restriction requirements. A one gpm peristaltic pump for discharge will be required.

Industrial Compliance

- For 2005 one industry is Significant Non-compliance (SNC) for exceeding the TRC monthly average Metal Finishing pretreatment standards for cadmium.
- Compliance Enforcement Action, including eight (8) written Notice of Violations (NOV's) required corrective measures during 2005 for permit limit violations and prohibited discharges. Actions were taken to confirm a return to compliance for the following summary of occurrences:
 1. Interstate Highway Sign - 1 chromium violation. A NOV was issued 1/27/05. 1 pH violation.

2. St Vincent /Doctors Hospital - Mercury violations 4th Quarter 2004. NOV issued 2/1/05.
3. Odom's Tennessee Pride Sausage - 5 pH violations.
4. Dassault Falcon Jet - 1 chromium violation, 1 Nickel violation, 5 cadmium violations (SNC). NOV issued 6/27/06
5. Turner Coleman Dairy - 7 pH violations. NOV issued 11/15/05.
6. Wheatland Tube - 2 pH violations
7. Smurfit Stone Container - 1 pH violation
8. Mountain Pure Water - 2 pH violations.
9. Ameripride Linen and Apparel – An NOV was issued 05/24/05 for the discharge of prohibited solids.
10. Turner Coleman Dairy - Prohibited high organic slug load of milk.
11. Little Johns Portable Toilet – A non-compliance fee was issued for an unapproved discharge at the State Fairgrounds. The Fairground building sewer was corroded which resulted in a Sanitary Sewer Overflow of the storm drain.
12. Cooper Cameron Orbit Valve – A NOV was issued on 10/14/05 for failure to report Categorical Metal Finishing operations.
13. Air Transport International – A NOV was issued on 10/25/05 for failure to report Categorical Metal Finishing operation.
14. Coca-Cola Bottling – A NOV was issued 12/15/05 for the discharge of a prohibited slug load of corn syrup and failure to follow Spill Prevention Plan. NOV issued 12/15/05.

Inspection and Investigation

- Turner-Coleman Dairy reported discharge of 2000-5000 gallons of milk to the sanitary sewer. Notification was made 01/06/05 at 10:00 p.m. to Pretreatment Supervisor. Fourche Creek Treatment Plant (FCTP) Operations were notified. Treatment plant composite samples were examined at 8 a.m. the next morning and appeared normal for wet weather conditions. Extra BOD dilutions were requested in anticipation of higher BOD values for flow dates 01/06/05 and 01/07/05. Inspection at Turner-Coleman was conducted. A malfunctioning valve allowed whole milk to discharge to the sanitary sewer. Turner-Coleman submitted response letter to the release included operational changes for corrective action. BOD values for the FCTP confirmed the spill had minimal impact.
- EAD received notice of an SSO at the Arkansas State Fairgrounds. Investigation revealed discharges of portable toilet waste from Riverfest by Little Johns Portable Toilet Service. EAD letter to Little Johns Portable Toilet Service provided a summary of an SSO investigation and seek reimbursement of fees and costs with a non-compliance billing request and invoice.
- Coca-Cola reported a 400-gallon corn syrup slug discharge to the sanitary sewer. FCTP Operations personnel were notified. Calculations indicated the corn syrup would result in 1800 lb of BOD. Report from FCTP indicates adjustments made based on notification allowed the plant to handle the additional load. EAD performed a Spill Response Compliance Inspection at Coca-Cola. The discharge resulted in non-compliance with permit prohibited pollutant standards due to a discharge 5 times the

average concentration at a duration exceeding 15 minutes. Coca-Cola written corrective action response to the slug discharge was received.

- FCTP reported an influent pH drop to 4.8 the evening of 10/6/05. EAD responded to check the FCTP influent probe for drift using 7.0 S.U. buffer. The pH buffer reading was 6.99. The pH at the plant rose to 6.0 at the time of the pH probe check. FCTP oxygen uptake rate indicted that the slug was not highly organic. FCTP reported the next morning that the slug had minimal effect. EAD lab tested grab samples collected by ops during the slug event for BOD, COD and phosphorus. IU's contacted by EAD reported no anomalies.
- On December 21, 2005 at 4:00 p.m., FCTP reported a white shaded influent with slight foaming. COD sample collected and preserved. Influent pH was in the 7.0 S.U. range. Pretreatment Supervisor requested COD samples for the 24-Hour Composite FCTP influent and effluent. Manholes leading to the Port and College Pump Stations were inspected by EAD. No foaming or white discharge was visible. Hydrogen peroxide injection at the College Station Pump Station was initiated the morning of December 21, 2005. IU's contacted by EAD reported no anomalies.

LRWU Trap/Interceptor Program

LRWU's Trap/Interceptor Program works to reduce the discharge of fats, oils, grease, and solids to the sanitary sewer. The types of facilities inspected perform food preparation and automotive maintenance. A summary of the activities performed for this program is included at the end of this section.

- EAD inspected 411 facilities with some type of interceptor or trap. Of those facilities 11.9% were required to clean the interceptor or trap. This is a 1% decrease from 2004. Six percent of the facilities inspected were identified as needing a new grease interceptor or to replace an existing interceptor, which was not of the approved specifications.
- A total of eighty-six (86) Construction Plans were reviewed with fifty-six (56) Grease Interceptor Sizing Approvals Forms issued. EAD reviews all commercial construction plans for new facilities which may require a sand, grease, or lint interceptor.
- As a result of a Sanitary Sewer Overflow (SSO), a non-compliance fee was issued to Wal-Mart on Baseline Road in the amount of \$4942.17. Wal-Mart had installed a new pump in a private lift station which dislocated grease in the building sewer downstream to the sanitary sewer which resulted in a SSO.
- Non-compliance fees were issued to three facilities for not complying with LRWU requirements to provide adequate maintenance to the grease interceptor after second requirement was issued. All three facilities have returned to compliance:
 1. Quizno's Subs – The grease interceptor required cleaning.
 2. Little Caesar's Pizza – The grease interceptor was inaccessible for inspection and cleaning.
 3. La Huradura, Geyer Springs – The grease interceptor required cleaning and the cleanout caps were missing.

**LITTLE ROCK WASTEWATER UTILITY
TRAP CONTROL SUMMARY**

I. General Information	
Control Authority Name:	Little Rock Wastewater Utility
Address:	221 East Capital
City:	Little Rock State/Zip: Arkansas 72202
Contact Person/Title:	Stanley Suel, EAD Director
Contact Telephone Number:	501-688-1408
Reporting Period	January 1, 2005 through December 31, 2005

II. Trap Control Compliance Monitoring		
1.	Number of Trap Inspections Performed	411
2.	Number of Traps Requiring Cleaning	49
3.	Number of Traps Requiring Cleanout Replacement or Repair	16
4.	Number of Traps Requiring Repair	9
5.	Number of Facilities Requiring Trap Installation	26

III. Enforcement Actions		
1.	Number of Notice of Violations (NOV) Issued	0
2.	Number of Compliance Orders and Schedules Issued	0
3.	Number of Administrative Orders Issued	0
4.	Number of Civil Suits Filed	0
5.	Amount of Penalties Collected (Total Dollars)	0
6.	Other Actions	\$5,292.00

**LITTLE ROCK WASTEWATER UTILITY
 PRETREATMENT PROGRAM
 FUNDING/EXPENDITURE REPORT**

	2005	2006
	Actual	Estimated
Funding		
Surcharge Program	\$618,466	\$630,835
Hauled Liquid Waste/Landfill Leachate Program	\$191,340	\$150,000
Permitted Industrial Wastewater Discharge Fees	\$45,270	\$45,270
Trap/Interceptor Control Program Fees	\$5,892	\$8,000
Domestic Septage Waste Hauler Fees	\$1,700	\$1,734
Landfill Permit Fees	\$500	\$500
Diversion / Sewer Meter Fees	\$6,000	\$6,000
Total Funding	\$869,168	\$842,339
O&M Expenditures		
Salary		
Employee Salaries	\$509,232	\$552,518
Employee Benefits	\$224,227	\$243,012
Supplies/Maintenance		
Supplies/Equipment Maintenance	\$57,316	\$73,620
Vehicle Maintenance	\$7,283	\$10,375
Other		
Training and Development	\$4,840	\$5,960
Contract Services	\$11,217	\$16,425
Telephone	\$4,624	\$1,463
Total O&M Expenditures	\$818,739	\$903,372
Capital Expenditures		
O&G Testing Manifold, Fume Hood	\$13,352	\$32,000
Replace Sampling Stepvan	\$37,660	
New EAD Trap Program Vehicle		\$18,000
Replace Laboratory Fume Hoods		\$63,000
Replace Flame/Furnace/Mercury AA System		\$127,000
Total Capital Expenditures	\$51,012	\$240,000
Total Expenditures	\$869,751	\$1,143,372

2005 Fees Billed Year to Date

Fee Schedule	Description	Total Billed
3.1	Fees for Other Approved Wastewater Sources	
3.1.1	New Industrial Permit Application Fee (each facility)	\$500
3.1.2	Industrial Permit Modification or Permit Transfer Fee (each action)	\$500
3.1.3	Federal Categorical Discharger - Annual Permit Fee (each outfall)	\$10,500
3.1.4	Federal Categorical "Zero" Discharger - Annual Permit Fee (each)	\$1,750
3.1.5	Significant Industrial User - Annual Permit Fee (each outfall)	\$18,000
3.1.6	Other Regulated Industrial Users - Annual Permit Fee (each outfall)	\$7,500
3.1.7	Other Regulated Industrial Users "Zero" Discharge - Annual Permit Fee (each outfall)	\$500
3.1.8	Industrial Noncompliance Inspection, Sampling, and/or Testing (each occurrence)	\$6,020
3.1.9	Industrial Late Reporting Fee (each occurrence)	\$0
	Sub Total	\$45,270
3.2	Trap/Interceptor (T/I) Control Program-Landowner/Lessee/Tenant Fees	
3.2.1	Review Fee - Redevelopment to Determine Adequacy of Existing T/I	\$50
3.2.2	T/I Variance Request from Approved Specifications	\$600
3.2.3	T/I Follow-up Noncompliance Inspection (1st occurrence)	\$300
3.2.4	T/I Noncompliance Past LRWU Requirement (each past 1st occurrence)	\$0
3.2.5	T/I Noncompliance Sampling and/or Testing (each occurrence)	\$4,942
	Sub Total	\$5,892
3.3	Domestic Septage Disposal Fees (Accepted Only From Approved Sources)	
3.3.1	HLW Disposal Fee < 1000 Gallon Tanker Capacity (each load)	\$0
3.3.2	HLW Disposal Fee > 1000 Gallon Tanker Capacity (each load)	\$6,600
	Sub Total	\$6,600
3.4	Permitted Domestic Waste Hauler/Owner/Operator Fees	
3.4.1	HLW New Permit Application Fee (each facility)	\$0
3.4.2	HLW Permit Modification or Permit Transfer Fee (each action)	\$0
3.4.3	Domestic Septage Waste Haulers - Annual Permit Fee	\$1,500
3.4.4	Domestic Septage Waste Hauler Tanker Fee - (each truck or tanker)	\$200
3.4.5	HLW Noncompliance Inspection, Sampling, and/or Testing (each occurrence)	\$0
3.4.6	HLW Late Reporting Fee (each occurrence)	\$0
	Sub Total	\$1,700
3.5	Permitted Landfill Owner/Operator Fees	
3.5.1	Landfill New Permit Fee (each facility)	\$0
3.5.2	Landfill Permit Modification or Permit Transfer Fee (each action)	\$0
3.5.3	Landfill Operator - Annual Permit Fee	\$500
3.5.4	Landfill Noncompliance Inspection, Sampling, and/or Testing (each occurrence)	\$0
3.5.5	Landfill Late Reporting Fee (each occurrence)	\$0
	Sub Total	\$500
3.6	Permitted Landfill Leachate Hauler Fees	
3.6.1	Landfill Leachate New Permit Application Fee (each facility)	\$0
3.6.2	Landfill Leachate Permit Modification or Permit Transfer Fee (each action)	\$0
3.6.3	Landfill Leachate Hauler - Annual Permit Fee	\$0
3.6.4	Landfill Leachate Tanker Fee - (each truck or tanker)	\$0
3.6.5	Landfill Leachate Noncompliance Inspection, Sampling, and/or Testing (each occurrence)	\$0
3.6.6	Landfill Leachate Late Reporting Fee (each occurrence)	\$0
	Sub Total	\$0
3.7	Permitted Mobil Pressure Wash Owner/Operator Fees	
3.7.1	Mobil Pressure Wash Operator New Permit Application Fee	\$0
3.7.2	Mobil Pressure Wash Operator - Annual Permit Fee	\$0
3.7.3	Mobil Pressure Wash Operator Tanker Fee - (each truck or tanker)	\$0
3.7.4	Mobil Pressure Wash Operator Disposal Fee <1000 Gallon Tanker Capacity (each load)	\$0
3.7.5	Mobil Pressure Wash Operator Disposal Fee > 1000 Gallon Tanker Capacity (each load)	\$0
3.7.6	Mobil Pressure Wash Operator Noncompliance Inspection, Sampling, and/or Testing (each occurrence)	\$0
3.7.7	Mobil Pressure Wash Operator Late Reporting Fee (each occurrence)	\$0
	Sub Total	\$0
3.8	Diversion and Sewer Meter Inspection Fees	
3.8.1	New Meter Installation - Review, On-site, Inspection, and Approval	\$0
3.8.2	Meter Annual Inspection (each meter and meter type)	\$6,000
	Sub Total	\$6,000
3.9	Fees for Other Approved Wastewater Sources	
3.9.1	New Restricted Short Term Authorization - Application Fee	\$0
3.9.2	New Special Discharge Permit - Application Fee	\$0
3.9.3	New Special Discharge Permit - Annual Permit Fee (each outfall)	\$0
3.9.4	Wastewater Disposal Fee	\$0
3.9.5	Special Discharge Compliance Inspection, Monitoring, and Testing (each)	\$0
3.9.6	Special Discharge Noncompliance Inspection, Sampling, and/or Testing	\$0
3.9.7	Special Discharge Late Reporting Fee (each occurrence)	\$0
	Sub Total	\$0

Total	\$65,963
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LITTLE ROCK WASTEWATER UTILITY 2005 PRETREATMENT PROGRAM STATUS REPORT

February 28, 2006

Facility Name	SIC	Categorical Determination	Control Document		New User	Times Inspected	Times Sampled	Compliance Status				
			Last Action	Y/N				Reports				Effluent Limits
								BMR	90 Day Compliance	Semi-Annual	Self Monitoring	
Ace Plating Works, Inc.	3471	40 CFR 433	CLOSED 4/29/05	Y	N	1	0	N/A	N/A	NR	NR	NO 433 DISCHARGE
Air Transport International	3721 3724	40 CFR 433	ISSUED 12/14/2005	Y	Y	3	0	NR	N/A	NR	NR	NO 433 DISCHARGE
Arkansas Painting and Specialties	3714	40 CFR 433	RENEWED 12/15/05	Y	N	2	4	N/A	N/A	RD	RD	C
Central Jet (Central Flying Service)	4581	40 CFR 433	RENEWED 9/01/2004	Y	N	1	4	N/A	N/A	NR	NR	NO 433 DISCHARGE
CertainTeed	2952	40 CFR 443	RENEWED 5/01/2004	Y	N	1	26	N/A	N/A	RD	RD	C
Dassault Falcon Jet Corp	3728	40 CFR 433	RENEWED 12/01/2004	Y	N	2	29	N/A	N/A	RD	RD	SNC - Cd
Essick Air	3499	40 CFR 433	RENEWED 11/01/04	Y	N	1	7	N/A	N/A	RD	RD	C
Hillcrest Camshaft Service, Inc.	3714	40 CFR 433	REVISED 12/21/2004	Y	N	1	0	N/A	N/A	NR	NR	NO 433 DISCHARGE
Interstate Highway Sign Company	3993 7399	40 CFR 433	RENEWED 2/01/2004	Y	N	3	23	N/A	N/A	RD	RD	NC - pH and Cr
Orbit Valve Company	3494	40 CFR 433	REVISED 12/15/2005	Y	N	2	5	RD	N/A	NR	NR	NO 433 DISCHARGE
Quality Bearing	3562 3471	40 CFR 433	RENEWED 5/01/2005	Y	N	1	0	N/A	N/A	NR	NR	NO 433 DISCHARGE
Raytheon Aircraft Company	3721	40 CFR 433	RENEWED 2/01/04	Y	N	2	0	N/A	N/A	NR	NR	NO 433 DISCHARGE
Silverwood Products	3998	40 CFR 433	RENEWED 2/01/2004	Y	N	1	2	N/A	N/A	RD	RD	C
Smith Glass & Mirror	7699	40 CFR 413	RENEWED 11/30/05	Y	N	2	0	N/A	N/A	NR	NR	NO 433 DISCHARGE
St. Vincent Hospital	8062 2834	40 CFR 439	REVISED 12/22/04	Y	N	2	15	RD	N/A	RD	RD	C
Tire Curing Bladders	3011	40 CFR 428	RENEWED 12/22/2004	Y	N	2	2	N/A	N/A	NR	NR	NO 428 DISCHARGE
Wheatland Tube - Omega Division	3317	40 CFR 420	RENEWED 8/01/2004	Y	N	2	41	N/A	N/A	RD	RD	NC - pH

**LITTLE ROCK WASTEWATER UTILITY
2005 PRETREATMENT PROGRAM STATUS REPORT**

February 28, 2006

Facility Name	SIC	Categorical Determination	Control Document		New User	Times Inspected	Times Sampled	Compliance Status				
			Last Action	Y/N				Reports				Effluent Limits
								BMR	90 Day Compliance	Semi-Annual	Self Monitoring	
Ameripride Linen and Apparel Services	7218	N/A	RENEWED 12/15/05	Y	N	3			By POTW		NC -solids	
Archer Daniels Midland	2074 2075	N/A	CLOSED 9/27/05	Y	N	1			By POTW		C	
Arkansas Childrens Hospital	8062	N/A	REVISED 12/22/04	Y	N	1			By POTW		C	
Arkansas Mental Health Services	8062	N/A	RENEWED 3/01/03	Y	N	1			By POTW		C	
Baptist Med Center	8062	N/A	RENEWED 7/01/03	Y	N	1			By POTW		C	
Best Foods	2099	N/A	RENEWED 12/01/2004	Y	N	1			By POTW		C	
Coca-Cola Bottling	2086	N/A	RENEWED 2/01/2005	Y	N	3			By POTW		C	
Turner Coleman Dairy	2024 2026	N/A	RENEWED 10/01/2005	Y	N	4			By POTW		NC - pH	
Dusty Mop and Mat	7218	N/A	RENEWED 5/31/2005	Y	N	1			By POTW		C	
Jack Wilson WTP	4941	N/A	RENEWED 2/01/04	Y	N	1			By POTW		C	
Little Rock Central Laundry	7218	N/A	RENEWED 6/01/2005	Y	N	1			By POTW		C	
Little Rock City Landfill	5622	N/A	RENEWED 4/01/04	Y	N	1			By POTW		C	
McClellan VA Medical Hospital	8062	N/A	RENEWED 6/01/04	Y	N	1			By POTW		C	
Mountain Pure Holding, L.L.C.	5149	N/A	RENEWED 1/10/05	Y	Y	1			By POTW		NC - pH	
National By-Products	2077	N/A	RENEWED 4/01/2004	Y	N	1			By POTW		NO DISCHARGE	
Odom's Tennessee Pride Sausage	2013	N/A	RENEWED 10/01/2004	Y	N	2			By POTW		NC - pH	
Ozark Point WTP	4941	N/A	RENEWED 11/15/05	Y	N	1			By POTW		C	
St. Vincent/Doctors Hospital	8062	N/A	RENEWED 6/01/04	Y	N	1			By POTW		C	

**LITTLE ROCK WASTEWATER UTILITY
2005 PRETREATMENT PROGRAM STATUS REPORT**

February 28, 2006

Facility Name	SIC	Categorical Determination	Control Document		New User	Times Inspected	Times Sampled	Compliance Status				
			Last Action	Y/N				Reports				Effluent Limits
								BMR	90 Day Compliance	Semi-Annual	Self Monitoring	
Stone Container Corp.	2653	N/A	RENEWED 1/01/2005	Y	N	2	23			By POTW		NC -pH
Univ. of Ark Med Center	8062	N/A	RENEWED 2/01/03	Y	N	1	2			By POTW		C
Weyerhaeuser Packaging, 22nd St.	2653 2649	N/A	RENEWED 10/01/04	Y	N	1	13			By POTW		C

PRETREATMENT PERFORMANCE SUMMARY (PPS)

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	<u>Little Rock Wastewater Utility</u>		
Address	<u>221 East Capitol</u>		
City	<u>Little Rock</u>	State/Zip	<u>AR 72202</u>
Contact Person	<u>Stanley Suel</u>	Position	<u>Director EAD</u>
Contact Telephone Number	<u>(501) 688-1408</u>		
NPDES Permit No's.	<u>AR 0040177 & AR 0021806</u>		
Reporting Period	<u>January 1, 2005 through December 31, 2005</u>		
Total Number of Categorical IUs	<u>17</u>		
Total Number of Significant Non-categorical IUs	<u>21</u>		

II. Significant Industrial User Compliance			
		Significant Industrial Users	
		Categorical	Noncategorical
1	No. of SIUs Submitting BMRs/Total No. Required	<u>1 / 1*</u>	<u>0 / 0</u>
2	No. of SIUs Submitting 90-Day Compliance Reports/No. Required	<u>0 / 0</u>	<u>0</u>
3	No. of SIUs Submitting Semiannual Reports/Total No. Required	<u>8 / 8</u>	<u>0 / 0</u>
4	No. of SIUs Meeting Compliance Schedule/Total No. Required to Meet Schedule	<u>0 / 0</u>	<u>0 / 0</u>
5	No. of SIUs in Significant Noncompliance/Total No. of SIUs	<u>1 / 17</u>	<u>0 / 21</u>
6	Rate of Significant Noncompliance for all SIUs	<u>1 / 38</u>	

III. Compliance Monitoring Program			
1	No. of Control Documents Issued/Total No. Required	<u>5 / 5</u>	<u>8 / 8</u>
2	No. of Non-sampling Inspections Conducted	<u>29</u>	<u>30</u>
3	No. of Sampling Visits Conducted	<u>158</u>	<u>428</u>
4	No. of Facilities Inspected (non-sampling)	<u>17</u>	<u>21</u>
5	No. of Facilities Sampled	<u>11**</u>	<u>20***</u>

IV. Enforcement Actions			
		Significant Industrial Users	
		Categorical	Noncategorical
1	No. of Compliance Schedules Issued/No. of Schedules Required	<u>0 / 0</u>	<u>0 / 0</u>
2	No. of Notices of Violations issued to SIUs	<u>4</u>	<u>4</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>1</u>	<u>0</u>
7	Amount of Penalties Collected (total dollars/IUs assessed) ****	<u>\$1,973/ 3</u>	<u>\$3,580 /5</u>
8	Other Actions (sewer bans, etc.)	<u>0</u>	<u>0</u>

*Cooper Cameron Orbit Valve submitted BMR testing for 40CFR433 Metal Finishing applicable processes. There is zero discharge of wastewater subject to metal finishing pretreatment standards.

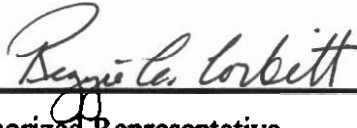
** Six categorical IU's: Quality Bearing, Smith Glass, Air International, Raytheon Aircraft, Hillcrest Camshaft, and Ace Plating Works- Domestic discharge only. No regulated discharge.

*** National By-Products- domestic only.

**** LRWU Consolidate Fee Schedule allows for non-compliance fees based on sampling, testing and inspection costs.

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

In accordance with the certification statement found in the NPDES Permits issued to Little Rock Wastewater Utility (Part II D. 11. c.): 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.



Authorized Representative

Reggie A. Corbitt, Chief Executive Officer

March 31, 2006

Date

**LITTLE ROCK WASTEWATER UTILITY
SUMMARY OF INDUSTRIAL USER NONCOMPLIANCE
1986 THROUGH 2005**

<u>Year</u>	<u>Number of IUs In Significant Violation or Significant Noncompliance</u>
1986	18 – Significant Violation
1987	9 – Significant Violation
1988	8 – Significant Violation
1989	4 – Significant Violation
1990	4 – Significant Noncompliance
1991	1 – Significant Noncompliance
1992	2 – Significant Noncompliance
1993	1 – Significant Noncompliance
1994	3 – Significant Noncompliance
1995	0 – Significant Noncompliance
1996	0 – Significant Noncompliance
1997	4 – Significant Noncompliance
1998	1 – Significant Noncompliance
1999	2 – Significant Noncompliance
2000	3 – Significant Noncompliance
2001	1 – Significant Noncompliance
2002	2 – Significant Noncompliance
2003	3 – Significant Noncompliance
2004	1 – Significant Noncompliance
2005	1 – Significant Noncompliance

SIGNIFICANT NONCOMPLIANCE LIST 2005

Dassault Falcon Jet Company

Dassault Falcon Jet was in Significant Noncompliance for 2005 due to violations of the day maximum and monthly average limit for Cadmium in May and June of 2005. For the Quarterly Compliance Evaluation periods, January 2005 through June 2005 and April 2005 through September 2005, the Cadmium daily maximum and monthly average limit Technical Review Criteria, TRC, (1.2 times the limit), was exceed 47% and 39% meeting the Significant Noncompliance TRC listed in 40 CFR 403.8(f)(2)(vii)(B).

A Notice of Violation stating Significant Noncompliance was issued to Dassault Falcon Jet on June 27, 2005 requiring corrective measures to prevent reoccurrence of the violation. July 2005 monitoring showed a return to compliance.

Public Notice Little Rock Wastewater Utility

In accordance with the U.S. Environmental Protection Agency rule published as 40 CFR 403.8(f)(2)(vii), Little Rock Wastewater Utility is providing notification that, during 2005, Dassault Falcon Jet Corporation was in Significant Noncompliance with pretreatment requirements contained in regulations governing the discharge of industrial wastewater. The facility has returned to compliance.

Arkansas Democrat Gazette

STATEMENT OF LEGAL ADVERTISING

LR WASTEWATER UTILITY
P O BOX 45090
LITTLE ROCK AR 72214

REMIT TO:
ARKANSAS DEMOCRAT-GAZETTE, INC.
P.O. BOX 2221
LITTLE ROCK, AR 72203

ATTN: George

DATE : 03/11/06 INVOICE #: 2006682
ACCOUNT #: L809616 P.O. #: A16070

BILLING QUESTIONS CALL 378-3812

STATE OF ARKANSAS,
COUNTY OF PULASKI, ss.

AD COPY

I, Elizabeth Myers do solemnly swear that I am the Legal Billing Clerk of the Arkansas Democrat - Gazette, a daily newspaper printed and published in said County, State of Arkansas; that I was so related to this publication at and during the publication of the annexed legal advertisement in the matter of:

epa notice

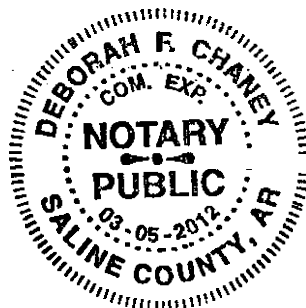
pending in the Court, in said County; and at the dates of the several publications of said advertisement stated below, and that during said periods and at said dates, said newspaper was printed and had a bona fide circulation in said County; that said newspaper had been regularly printed and published in said County, and had a bona fide circulation therein for the period of one month before the date of the first publication of said advertisement; and that said advertisement was published in the regular daily issues of said newspaper as stated below.

PUBLIC NOTICE
Little Rock Wastewater Utility
In accordance with the U.S. Environmental Protection Agency rule published as 40 CFR 403.8(f)(2)(vii), Little Rock Wastewater Utility is providing notification that, during 2005, Dassault Falcon Jet Corporation was in Significant Noncompliance with pretreatment requirements contained in regulations governing the discharge of industrial wastewater. The facility has returned to compliance.
36350303f

DATE	DAY	LINAGE	RATE	DATE	DAY	LINAGE	RATE
03/11	Sat	19	1.25				

TOTAL COST ----- 23.75
Billing Ad #: 36350303

Subscribed and sworn to me this 13 day of March, 2006



Notary Public

**LITTLE ROCK WASTEWATER UTILITY
2005 INDUSTRIAL USER LIST**

February 28, 2006

No. of Permitted IU's Classified as Federal Categoricals	17
No. of Permitted IU's Classified as Significant Industrial Users	21
No. of Permitted IU's Classified as Non-Significant Industrial Users	14
No. of Special Permits for Landfill Leachate (hailed by tanker truck)	2
Total No. of IU's Permitted by LRWU	54

Categorical Industries

Facility Name	Classification	Federal Cat. Standard No.	Manufacturing Process	Total Flow (gpd)	Work Days/Month	Routine Pollutant Monitoring/Other
Ace Plating Works, Inc.	Federal Categorical	40 CFR 433	Electroplating Job Shop	0	22	Permit to discharge domestic wastewater only
Air Transport International	Federal Categorical	40 CFR 433	Aircraft Brake Repair	600	22	Permit to discharge domestic wastewater only
Arkansas Painting and Specialties	Federal Categorical	40 CFR 433	Phosphate Coating	100	22	pH Zn / CN- Ni Cu Pb Cd Cr Ag
Central Jet Group - Little Rock	Federal Categorical	40 CFR 433	Aircraft Refurbishing	7,380	30	pH/Permit to discharge nonregulated wastewater
CertainTeed Corporation	Federal Categorical	40 CFR 443	Asphalt Rolled Roofing Production	45,697	30	TSS, O&G, pH
Dassault Falcon Jet Corp	Federal Categorical	40 CFR 433	Custom Jet Aircraft	20,816	22	pH Cu Cr Zn Ni CN-(t) /CN-(a-c) Cd Pb Ag TTO
Essick Air Products	Federal Categorical	40 CFR 433	Iron Phosphate Coating	16,545	22	Zn / Cr Pb pH Cd CN(t) Ni Cu Ag
Hillcrest Camshaft Service, Inc.	Federal Categorical	40 CFR 433	Electroplating New Source	0	22	Cr Zn Pb pH / Cd CN(t) Ni Cu Ag
Interstate Highway Sign Company	Federal Categorical	40 CFR 433	Highway Signs	2,484	22	Cr pH / Cu Zn Pb Cd Ni Ag CN(t)
Orbit Valve Company	Federal Categorical	40 CFR 433	Steel Oil Field Valves	43,100	22	Zn Pb pH/ Permit to discharge nonregulated wastewater
Quality Bearing	Federal Categorical	40 CFR 433	Chrome Plating	3,309	22	Permit to discharge domestic wastewater only
Raytheon Aircraft Company	Federal Categorical	40 CFR 433	Custom Jet Aircraft	5,784	30	Permit to discharge domestic wastewater only
Silverwood Products	Federal Categorical	40 CFR 433	Framed Mirrors	56	22	Permit to discharge domestic wastewater only
Smith Glass and Mirror	Federal Categorical	40 CFR 433	Resilver Mirrors	50	22	Permit to discharge domestic wastewater only
St Vincent Hospital	Categorical	40 CFR 439	Hospital/PETNET	86,965	30	COD O&G pH / Hg(t) Ag BOD TSS CN(t)
Tire Cure Bladders	Federal Categorical	40 CFR 428	Rubber Tire Curing Bladders	20,844	30	Permit to discharge nonregulated wastewater
Wheatland Tube - Omega Division	Federal Categorical	40 CFR 420	Iron and Steel Coating (Pipe and Tube)	5,907	24	CrVI Zn pH Pb Napthalene Tetrachloroethelene COD/ BOD

**LITTLE ROCK WASTEWATER UTILITY
2005 INDUSTRIAL USER LIST**

February 28, 2006

Significant Non-Categorical Industries

Facility Name	Classification	Federal Cat. Standard No.	Manufacturing Process	Total Flow (gpd)	Work Days/Month	Routine Pollutant Monitoring/Other
Ameripride Linen and Apparel	SIU		Laundry	28,313	22	COD TSS O&G pH / BOD
Archer Daniels Midland	SIU		Soybean Meal and Oil	13,893	30	BOD pH Temp / Hexane O&G TSS COD
Arkansas Childrens Hospital	SIU		Hospital	85,850	30	East: COD TSS O&G pH / Hg Ag BOD West: BOD TSS O&G pH / Hg Ag COD
Arkansas Mental Health Services	SIU		Hospital	36,696	30	COD TSS O&G pH / BOD
Baptist Med Center	SIU		Hospital	217,724	30	BOD TSS O&G pH / Ag Hg
Unilever Best Foods	SIU		Peanut Butter	19,680	22	COD TSS O&G pH / BOD
Coca-Cola Bottling	SIU		Soft Drink Bottling	115,838	22	COD TSS O&G pH / BOD
Turner-Coleman Dairy	SIU		Dairy Products & Bottled Water	118,818	30	BOD TSS O&G pH
Dusty Mop and Mat	SIU		Industrial Laundry	15,302	16	BOD TSS O&G pH
Jack Wilson WTP	SIU		Water Treatment Plant	149,855	30	COD TSS pH / BOD
Little Rock Central Laundry	SIU		Industrial Laundry	53,748	26	BOD TSS O&G pH
Little Rock Landfill	SIU		Municipal Landfill	65,400	30	As Cd Cu Cr Pb Ni Mo Hg Ag Se Zn B Mn pH CN(t)
McClellan VA Hospital	SIU		Hospital	97,047	30	COD O&G pH / Hg Ag BOD TSS
Mountain Pure Holding	SIU		Fruit Juice and Water Bottling	62,790	30	BOD TSS O&G pH
National By Products	SIU		Grease Recycling	1,042	22	BOD TSS O&G pH
Odom's Tennessee Pride Sausage	SIU		Slaughter & Package Pork	257,226	22	BOD TSS O&G pH
Ozark Point WTP	SIU		Water Treatment Plant	90,221	30	COD TSS pH / BOD
St. Vincent/Doctors Hospital	SIU		Hospital	55,676	55676	COD pH / Ag Hg, BOD, TSS, O&G
Stone Container Corp.	SIU		Corrugated Boxes	26,520	22	BOD TSS O&G pH / Cu
Univ. of Ark Med Center	SIU		Hospital	202,245	30	BOD TSS O&G pH Hg Ag / COD
Weyerhaeuser Packaging	SIU		Corrugated Boxes/Printing	30,269	30	COD TSS O&G pH Temp Cu / BOD

Non-Significant Industries

Facility Name	Classification	Federal Cat. Standard No.	Manufacturing Process	Total Flow (gpd)	Work Days/Month	Routine Pollutant Monitoring/Other
Arkansas Electric Cooperative	Non-SIU		Electrical Equipment Repair	250 batch	22	PCB's O&G pH Cd Cu Pb Zn
BFI Landfill	Non-SIU		Landfill	8,969	30	As Cd Cu Cr Pb Ni Mo Hg Ag Se Zn B Mn pH CN(t)
Celestica	Non-SIU		Telecommunications	12,801	22	pH
Democrat Printing	Non-SIU		Printing Company	4,043	30	COD pH TSS O&G / Ag Zn Pb Cu Se BOD
Gesco, Inc.	Non-SIU		Barrel Reclaimer	100	22	No Process Discharge
Good Old Days Foods	Non-SIU		Frozen Fruit Cobbler	5,714	22	BOD TSS O&G pH
Clark Machinery	Non-SIU		Construction Equipment	829	22	pH O&G / COD TSS BOD Hg
Griffin Industries	Non-SIU		Pork Hide Drying	1,125	22	BOD TSS O&G pH
Harcross Chemical	Non-SIU		Bulk Chemical Distribution/Sales	155	22	CN As Ag Cd Cu Cr Ni Pb Hg Se Zn PP-Table II, III, and VI
I-30 Tank Wash	Non-SIU		Truck Wash	1,544	22	COD TSS O&G pH / BOD
Munsey Products	Non-SIU		Toaster Assembly	481	22	pH Cr Ni Zn
Southwest Hospital	Non-SIU		Hospital	14,368	30	BOD TSS O&G pH / Ag
Pepsi America	Non-SIU		Distribution	1,751	22	pH
Weyerhaeuser, Vimy Ridge Road	Non-SIU		Corrugated Boxes	6,973	22	BOD TSS O&G pH / Cu

Landfill Leachate (Hauled by Tanker Truck)

Facility Name	Classification	Federal Cat. Standard No.	Manufacturing Process	Total gal/2005	Work Days/Month	Routine Pollutant Monitoring/Other
Two Pine Landfill	Non-SIU		Landfill	0	22	As Cd Cu Cr Pb Ni Mo Hg Ag Se Zn B Mn pH CN(t) O&G
Jefferson County Landfill	Non-SIU		Landfill	0	22	As Cd Cu Cr Pb Ni Mo Hg Ag Se Zn B Mn pH CN(t) O&G

SUMMARY OF ANALYTICAL RESULTS

INFLUENT AND EFFLUENT ANALYSES OF TREATMENT PLANTS

Priority Pollutant Scans were conducted on the Adams Field and Fourche Creek Wastewater Treatment Plant influent and effluent flows in accordance with our NPDES permit requirements. Compounds analyzed include metals, cyanide, phenols, volatile organics, base/neutral and acid extractable organics, and Pesticides/PCBs. Results of the analyses are organized in tables in the following order:

- **AFWTP 2005 Sample Results** - Includes required test data for parameters from 40 CFR Part 122, Appendix D, Table III. Sampling and testing frequency requirements for Table III parameters are quarterly (NPDES Permit AR 0021806 Part III). Influent and effluent samples were collected with respect to the detention time across the treatment plant for the sampling events. Table III parameters include total arsenic, cadmium, copper, chromium, lead, mercury, nickel, silver, selenium, zinc, antimony, thallium, beryllium, cyanide and phenols. Other parameters collected quarterly include molybdenum and oil and grease.
- **FCWTP 2005 Sample Results** - Includes required test data for parameters from 40 CFR Part 122, Appendix D, Table III. Sampling and testing frequency requirements for Table III parameters are quarterly (NPDES Permit AR 0040177 Part III). Influent and effluent samples were collected with respect to the detention time across the treatment plant for the sampling events. Table III parameters include total arsenic, cadmium, copper, chromium, lead, mercury, nickel, silver, selenium, zinc, antimony, thallium, beryllium, cyanide and phenols. Other parameters collected quarterly include molybdenum and oil and grease.
- **Treatment Plant Removal Efficiencies** - Includes the metals removal rates for both the Adams Field and Fourche Creek Treatment plants.
- **LRWU 2005 Priority Pollutant Scan - Organic Fractions** - Includes required test data from 40 CFR Part 122, Appendix D, Table II divided into two parts. The first part identifies the positive measurements of organic compounds in the influent and effluent from both treatment plants from 2005. Part II includes a summary of positive measurements from 1996 through 2005. Table II monitoring frequency for 2005 is once per year for the Fourche Creek Treatment Plant influent and effluent in accordance with the NPDES permit (NPDES Permit AR 0040177). The Adams Field Treatment Facility NPDES permit requires Table II monitoring once every six months. Monitoring was performed in May and September 2005. Organic fraction charts trend detections for 1991 through 2005.
- **Treatment Plant 1994-2005 Concentration Trends** – This section includes graphs showing influent and effluent concentration trends for the past twelve years.

**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: JANUARY 1, 2005 TO DECEMBER 31, 2005**

TREATMENT PLANT: CITY OF LITTLE ROCK - ADAMS FIELD WASTEWATER TREATMENT PLANT

NPDES PERMIT NO.: AR0021806

AVERAGE POTW FLOW: 19.37 MGD PERCENT (%) IU FLOW: 7.1 %

PLANT INFLUENT	Flow MGD	O&G mg/L	CN- mg/L	Zn mg/L	Cd μg/L	Cr μg/L	Ag μg/L	Cu μg/L	Mo μg/L	Ni μg/L	Pb μg/L	As μg/L	Se μg/L	Hg μg/L	Phenol μg/L	Sb mg/L	Be mg/L	Tl mg/L	Mn mg/L	Ba mg/L	B mg/l
EPA Test Method Used		413.1	335.2	289.1	213.2	218.2	272.2	220.2	246.2	249.2	239.2	206.2	270.2	245.2	420.1	200.8	200.8	200.8	243.1	208.1	200.7
Detection Level Achieved		1.0	0.01/0.02	0.006	0.1	0.3	0.1	2	1	2	2	1	1	0.2	3	0.003/0.05	0.0003/0.005	0.001/0.002	0.002	0.04	0.1
01/25/2005	19.57			0.228	< 0.1	4.0	3.9	29	8	6	2	< 1	< 1	0.3							
02/22/2005	19.16	162.5	< 0.01												19						
02/23/2005	36.24			0.143	< 0.1	2.2	2.3	21	4	30	2	1	< 1	0.3		< 0.003	< 0.0003	< 0.001			
03/01/2005	21.10			0.124	< 0.1	3.1	2.9	30	5	34	< 2	< 1	< 1	< 0.2							
03/30/2005	31.60	17.3																			
04/13/2005	35.66			0.112	0.2	4.8	2.5	32	5	8	2	1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002			
05/25/2005	20.80			0.167	0.7	4.4	7.9	57	18	5	3	2	< 1	0.4							
05/31/2005	17.78	14.6	< 0.01												29						
06/29/2005	15.66			0.237	1.0	11.0	4.2	64	9	20	5	2	< 1	0.6							
07/11/2005	14.37			0.174	0.2	4.8	4.7	42	9	3	2	2	< 1	0.3		< 0.050	< 0.0050	< 0.002			
08/09/2005	17.21			0.17	< 0.1	5.6	5.6	48	11	2	7	2	< 1	0.3					0.523	< 0.04	0.16
08/29/2005	21.89	18.7	< 0.01												24						
09/13/2005	14.18			0.187	0.8	6.2	8.0	42	14	12	4	< 1	< 1	0.5							
10/24/2005	11.94	26.0	< 0.02												29						
11/22/2005	10.69			0.14	0.2	5.1	3.0	41	12	6	< 2	2	< 1	< 0.2							
12/01/2005	15.38			0.142	< 0.1	11.3	8.0	43	7	4	2	2	< 1	< 0.2		< 0.050	< 0.0050	< 0.002			
Average	20.20	47.8	< 0.01	0.166	0.3	5.7	4.8	41	9	12	3	2	< 1	0.3	25	< 0.038	< 0.0038	< 0.002	0.523	< 0.04	0.16
Maximum	36.24	162.5	< 0.02	0.237	1.0	11.3	8.0	64	18	34	7	2	< 1	0.6	29	< 0.050	< 0.0050	< 0.002	0.523	< 0.04	0.16
Minimum	10.69	14.6	< 0.01	0.112	< 0.1	2.2	2.3	21	4	2	< 2	< 1	< 1	< 0.2	19	< 0.003	< 0.0003	< 0.001	0.523	< 0.04	0.16
Headworks limit			0.09	0.36	9.0	260.0	180.0	270		160	50	14	10	0.2							

Comments: There was a sampling error for the 24-hour composite sample collected for flow date 10/25/05; the plant influent sample (001P-016) is invalid.

**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: JANUARY 1, 2005 TO DECEMBER 31, 2005**

TREATMENT PLANT: CITY OF LITTLE ROCK - ADAMS FIELD WASTEWATER TREATMENT PLANT

NPDES PERMIT NO.: AR0021806

AVERAGE POTW FLOW: 19.37 MGD

PERCENT (%) IU FLOW: 7.1 %

FINAL EFFLUENT	Flow MGD	O&G mg/L	CN- mg/L	Zn mg/L	Cd µg/L	Cr µg/L	Ag µg/L	Cu µg/L	Mo µg/L	Ni µg/L	Pb µg/L	As µg/L	Se µg/L	Hg µg/L	Phenol µg/L	Sb mg/L	Be mg/L	Tl mg/L	Mn mg/L	Ba mg/L	B mg/l
EPA Test Method Used #		413.1	335.2	289.1	213.2	218.2	272.2	220.2	246.2	249.2	239.2	206.2	270.2	245.2	420.1	200.8	200.8	200.8	243.1	208.1	200.7
Detection Level Achieved #		1.0	0.01/0.02	0.006	0.1	0.3	0.1	2	1	2	2	1	1	0.2	3	0.003/0.05	0.0003/0.005	0.001/0.002	0.002	0.04	0.1
01/25/2005	18.31			0.038	< 0.1	< 0.3	0.8	7	6	2	< 2	< 1	< 1	< 0.2							
02/22/2005	17.96	1.9	0.01												< 3						
02/23/2005	39.26			0.080	< 0.1	0.8	0.4	7	3	2	< 2	< 1	< 1	< 0.2		< 0.003	< 0.0003	< 0.001			
03/01/2005	19.40			0.043	< 0.1	< 0.3	0.4	8	5	2	< 2	< 1	< 1	< 0.2							
04/13/2005	35.15	< 1.0																			
05/25/2005	34.13			0.050	0.6	< 0.3	< 0.1	5	3	4	< 2	< 1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002			
05/31/2005	19.32			0.035	0.7	< 0.3	0.8	7	9	2	< 2	1	< 1	< 0.2							
05/31/2005	17.53	< 1.0	0.01												5						
06/29/2005	14.27			0.034	< 0.1	< 0.3	0.2	4	7	2	< 2	< 1	< 1	< 0.2							
07/11/2005	11.97			0.034	< 0.1	1.6	0.3	5	7	2	< 2	1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002			
08/09/2005	15.59			0.041	< 0.1	< 0.3	0.5	6	8	< 1	2	1	< 1	< 0.2					0.275	< 0.04	0.14
08/29/2005	19.81	4.0	< 0.01												< 3						
09/13/2005	14.97			0.033	< 0.1	< 0.3	0.3	11	9	3	< 2	< 1	< 1	< 0.2							
10/24/2005	9.50	1.5	0.02												7						
11/22/2005	11.01			0.038	< 0.1	< 0.3	0.3	6	6	1	< 2	1	< 1	< 0.2							
12/01/2005	14.67			0.096	< 0.1	< 0.3	0.6	10	6	2	< 2	1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002			
Average	19.55	1.9	0.01	0.047	0.2	0.5	0.4	7	6	2	2	1	< 1	< 0.2	5	< 0.038	< 0.0038	< 0.002	0.275	< 0.04	0.14
Maximum	39.26	4.0	0.02	0.096	0.7	1.6	0.8	11	9	4	2	1	< 1	< 0.2	7	< 0.050	< 0.0050	< 0.002	0.275	< 0.04	0.14
Minimum	9.50	< 1.0	< 0.01	0.033	< 0.1	< 0.3	< 0.1	4	3	< 1	< 2	< 1	< 1	< 0.2	< 3	< 0.003	< 0.0003	< 0.001	0.275	< 0.04	0.14
WQS Effluent Level																					
Day Max.			0.058	1.700	54.0	11200.0	57.0	214		4990	198	2380	56	0.1							
Month Avg.			0.029	0.850	27.0	5590.0	28.0	106		2490	98	1190	28	0.07							

Comments: There was a sampling error for the 24-hour composite sample collected for flow date 10/25/05; the final effluent sample (005P-016) is invalid.

**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: JANUARY 1, 2005 TO DECEMBER 31, 2005**

TREATMENT PLANT: CITY OF LITTLE ROCK - FOURCHE CREEK WASTEWATER TREATMENT PLANT

NPDES PERMIT NO.: AR0040177

AVERAGE POTW FLOW: 12.32 MGD PERCENT (%) IU FLOW: 5.6 %

PLANT INFLUENT	Flow MGD	O&G mg/L	CN- mg/L	Zn mg/L	Cd µg/L	Cr µg/L	Ag µg/L	Cu µg/L	Mo µg/L	Ni µg/L	Pb µg/L	As µg/L	Se µg/L	Hg µg/L	Phenol µg/L	Sb mg/L	Be mg/L	Tl mg/L	Mn mg/L	Ba mg/L	B mg/l	
EPA Test Method Used		413.1	335.2	289.1	213.2	218.2	272.2	220.2	246.2	249.2	239.2	206.2	270.2	245.2	420.1	200.8	200.8	200.8	243.1	208.1	200.7	
Detection Level Achieved		1.0	0.01	0.006	0.1	0.3	0.1	2	1	2	2	1	1	0.2	3	0.003/0.05	0.0003/0.005	0.001/0.002	0.002	0.04	0.1	
01/25/2005	13.37			0.129	0.3	9.4	6.7	33	4	7	4	1	< 1	0.3								
02/22/2005	12.90	44.5	< 0.010												61							
02/23/2005	22.33			0.194	0.5	2.5	2.4	27	4	16	< 2	1	< 1	0.3		< 0.003	< 0.0003	< 0.001				
03/01/2005	12.50			0.147	0.4	6.4	3.0	30	3	18	< 2	1	< 1	< 0.2								
04/13/2005	17.72			0.100	0.2	3.2	1.7	30	5	16	2	1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002				
05/25/2005	7.97			0.244	0.8	4.9	7.4	79	4	14	10	3	1	0.5								
05/31/2005	11.09	50.0	< 0.010												51							
06/29/2005	11.66			0.196	0.2	7.8	4.1	47	6	7	5	1	< 1	< 0.2								
07/11/2005	11.53			0.215	0.5	7.6	2.5	50	7	3	5	2	< 1	0.3		< 0.050	< 0.0050	< 0.002				
08/09/2005	11.75			0.196	0.3	7.1	5.8	55	9	5	10	2	< 1	0.3					0.591	< 0.04	0.18	
08/29/2005	15.07	35.0	< 0.010												42							
09/13/2005	10.93			0.226	0.5	6.7	6.3	53	5	11	8	2	< 1	0.5								
10/24/2005	10.61	65.0	< 0.010												48							
10/25/2005	10.60			0.219	0.3	8.8	4.4	59	4	6	6	3	< 1	0.4		< 0.050	< 0.0050	< 0.002				
11/22/2005	11.03			0.159	0.2	10.9	4.4	50	3	5	3	2	< 1	< 0.2								
12/01/2005	12.09			0.14	0.3	4.7	4.4	53	4	2	2	1	< 1	0.3		< 0.050	< 0.0050	< 0.002				
Average	12.70	48.6	< 0.010	0.180	0.4	6.7	4.4	47	5	9	5	2	1	0.3	51	< 0.041	< 0.0041	< 0.002	0.591	< 0.04	0.18	
Maximum	22.33	65.0	< 0.010	0.244	0.8	10.9	7.4	79	9	18	10	3	1	0.5	61	< 0.050	< 0.0050	< 0.002	0.591	< 0.04	0.18	
Minimum	7.97	35.0	< 0.010	0.100	0.2	2.5	1.7	27	3	2	< 2	1	< 1	< 0.2	42	< 0.003	< 0.0003	< 0.001	0.591	< 0.04	0.18	
Headworks limit			0.09	0.360	9.0	260.0	180.0	270		160	50	14	10	0.2								

Comments: None

**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: JANUARY 1, 2005 TO DECEMBER 31, 2005**

TREATMENT PLANT: CITY OF LITTLE ROCK - FOURCHE CREEK WASTEWATER TREATMENT PLANT

NPDES PERMIT NO.: AR0040177

AVERAGE POTW FLOW: 12.32 MGD PERCENT (%) IU FLOW: 5.6 %

FINAL EFFLUENT	Flow MGD	O&G mg/L	CN- mg/L	Zn mg/L	Cd µg/L	Cr µg/L	Ag µg/L	Cu µg/L	Mo µg/L	Ni µg/L	Pb µg/L	As µg/L	Se µg/L	Hg µg/L	Phenol µg/L	Sb mg/L	Be mg/L	Tl mg/L	Mn mg/L	Ba mg/L	B mg/l
EPA Test Method Used		413.1	335.2	289.1	213.2	218.2	272.2	220.2	246.2	249.2	239.2	206.2	270.2	245.2	420.1	200.8	200.8	200.8	243.1	208.1	200.7
Detection Level Achieved		1.0	0.01	0.006	0.1	0.3	0.1	2	1	2	2	1	1	0.2	3	0.003/0.05	0.0003/0.005	0.001/0.002	0.002	0.04	0.1
01/25/2005	12.63			0.020	< 0.1	1.3	1.1	5	3	6	< 2	< 1	< 1	< 0.2							
02/22/2005	11.61	2.7	0.010												3						
02/23/2005	28.45			0.043	< 0.1	1.7	0.3	7	3	2	< 2	1	< 1	< 0.2		< 0.003	< 0.0003	< 0.001			
03/01/2005	12.14			0.023	< 0.1	2.3	0.3	4	3	2	< 2	1	< 1	< 0.2							
04/13/2005	16.41			0.032	< 0.1	1.3	< 0.1	11	5	14	< 2	< 1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002			
05/25/2005	8.12			0.032	< 0.1	< 0.3	0.3	6	3	3	< 2	1	1	< 0.2							
05/31/2005	12.52	1.1	< 0.010												5						
06/29/2005	11.48			0.046	< 0.1	1.0	0.2	5	3	3	2	1	< 1	< 0.2							
07/11/2005	11.31			0.054	0.2	< 0.3	0.3	5	2	2	< 2	1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002			
08/09/2005	11.19			0.022	< 0.1	< 0.3	0.3	9	6	< 1	2	1	< 1	< 0.2					0.549	< 0.04	0.16
08/29/2005	15.48	2.3	0.010												12						
09/15/2005	11.93			0.021	< 0.1	0.8	0.2	11	2	3	< 2	1	< 1	< 0.2							
10/24/2005	11.03	< 1.4	< 0.010												3						
10/25/2005	10.78			0.049	< 0.1	0.4	0.3	5	1	2	< 2	1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002			
11/22/2006	12.23			0.037	< 0.1	0.6	0.3	6	1	2	< 2	1	< 1	< 0.2							
12/01/2006	13.40			0.026	< 0.1	< 0.3	0.6	22	3	2	< 2	1	< 1	< 0.2		< 0.050	< 0.0050	< 0.002			
Average	13.17	1.9	0.010	0.034	< 0.1	0.9	0.4	8	3	4	2	1	< 1	< 0.2	6	0.041	0.0041	0.00	0.549	0.04	0.160
Maximum	28.45	2.7	0.010	0.054	< 0.2	2.3	1.1	22	6	14	2	1	< 1	< 0.2	12	0.050	0.0050	0.00	0.549	0.04	0.160
Minimum	8.12	1.1	< 0.010	0.020	< 0.1	< 0.3	< 0.1	4	1	1	< 2	1	< 1	< 0.2	3	0.003	0.0003	0.00	0.549	0.04	0.160
WQS Effluent Level																					
Day Max.			0.116	4.94	107	23500	165	619		9980	395	6900	112	0.27							
Month Avg.			0.058	2.46	53	11700	82	309		4980	197	3440	56	0.14							

Comments: None

**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
TREATMENT PLANT PERCENT REMOVAL EFFICIENCIES
REPORTING YEAR: JANUARY 1, 2005 TO DECEMBER 31, 2005**

Adams Field Wastewater Treatment Plant - NPDES Permit No. AR0021806

	O&G	CN-	Zn	Cd	Cr	Ag	Cu	Mo	Ni	Pb	As	Se	Hg	Phenol	Sb	Be	TI	Mn	Ba	B
01/25/2005			83.3%	0.0%	92.5%	79.5%	75.9%	25.0%	66.7%	0.0%	0.0%	0.0%	33.3%							
02/22/2005	98.8%	0.0%												84.2%						
02/23/2005			44.1%	0.0%	63.6%	82.6%	66.7%	25.0%	93.3%	0.0%	0.0%	0.0%	33.3%		0.0%	0.0%	0.0%			
03/01/2005			65.3%	0.0%	90.3%	86.2%	73.3%	0.0%	94.1%	0.0%	0.0%	0.0%	0.0%							
03/30/2005	94.2%																			
04/13/2005			55.4%	-185.7%	93.8%	96.0%	84.4%	40.0%	50.0%	0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	47.4%	0.0%	12.5%
05/25/2005			79.0%	0.0%	93.2%	89.9%	87.7%	50.0%	60.0%	33.3%	50.0%	0.0%	50.0%							
05/31/2005	93.2%	0.0%												82.8%						
06/29/2005			85.7%	90.0%	97.3%	95.2%	93.8%	22.2%	90.0%	60.0%	50.0%	0.0%	66.7%							
07/11/2005			80.5%	50.0%	66.7%	93.6%	88.1%	22.2%	33.3%	0.0%	50.0%	0.0%	33.3%		0.0%	0.0%	0.0%			
08/09/2005			75.9%	0.0%	94.6%	91.1%	87.5%	27.3%	50.0%	71.4%	50.0%	0.0%	33.3%							
08/29/2005	78.6%	0.0%												87.5%						
09/13/2005			82.4%	87.5%	95.2%	96.3%	73.8%	35.7%	75.0%	50.0%	0.0%	0.0%	60.0%							
10/24/2005	94.2%	0.0%												75.9%						
11/22/2005			72.9%	50.0%	94.1%	90.0%	85.4%	50.0%	83.3%	0.0%	50.0%	0.0%	0.0%							
12/01/2005			32.4%	0.0%	97.3%	92.5%	76.7%	14.3%	50.0%	0.0%	50.0%	0.0%	0.0%		0.0%	0.0%	0.0%			
Average	91.8%	0.0%	68.8%	8.3%	89.0%	90.3%	81.2%	28.3%	67.8%	19.5%	27.3%	0.0%	28.2%	82.6%	0.0%	0.0%	0.0%	47.4%	0.0%	12.5%

Fourche Creek Wastewater Treatment Plant - NPDES Permit No. AR0040177

	O&G	CN-	Zn	Cd	Cr	Ag	Cu	Mo	Ni	Pb	As	Se	Hg	Phenol	Sb	Be	TI	Mn	Ba	B
01/25/2005			84.5%	66.7%	86.2%	83.6%	84.8%	25.0%	14.3%	50.0%	0.0%	0.0%	33.3%							
02/22/2005	93.9%	0.0%												95.1%						
02/23/2005			77.8%	80.0%	32.0%	87.5%	74.1%	25.0%	87.5%	0.0%	0.0%	0.0%	33.3%		0.0%	0.0%	0.0%			
03/01/2005			84.4%	75.0%	64.1%	90.0%	86.7%	0.0%	88.9%	0.0%	0.0%	0.0%	0.0%							
04/13/2005			68.0%	50.0%	59.4%	94.1%	63.3%	0.0%	12.5%	0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%			
05/25/2005			86.9%	87.5%	93.9%	95.9%	92.4%	25.0%	78.6%	80.0%	66.7%	0.0%	60.0%							
05/31/2005	97.8%	0.0%												90.2%						
06/29/2005			76.5%	50.0%	87.2%	95.1%	89.4%	50.0%	57.1%	60.0%	0.0%	0.0%	0.0%							
07/11/2005			74.9%	60.0%	96.1%	88.0%	90.0%	71.4%	33.3%	60.0%	50.0%	0.0%	33.3%		0.0%	0.0%	0.0%			
08/09/2005			88.8%	66.7%	95.8%	94.8%	83.6%	33.3%	80.0%	80.0%	50.0%	0.0%	33.3%					7.1%	0.0%	11.1%
08/29/2005	93.4%	0.0%												71.4%						
09/13/2005			90.7%	80.0%	88.1%	96.8%	79.2%	60.0%	72.7%	75.0%	50.0%	0.0%	60.0%							
10/24/2005	97.8%	0.0%												93.8%						
10/25/2005			77.6%	66.7%	95.5%	93.2%	91.5%	75.0%	66.7%	66.7%	66.7%	0.0%	50.0%		0.0%	0.0%	0.0%			
11/22/2005			76.7%	50.0%	94.5%	93.2%	88.0%	66.7%	60.0%	33.3%	50.0%	0.0%	0.0%							
12/01/2005			81.4%	66.7%	93.6%	86.4%	58.5%	25.0%	0.0%	0.0%	0.0%	0.0%	33.3%		0.0%	0.0%	0.0%			
Average	95.8%	0.0%	80.6%	66.6%	82.2%	91.6%	81.8%	38.0%	54.3%	42.1%	27.8%	0.0%	28.1%	87.6%	0.0%	0.0%	0.0%	7.1%	0.0%	11.1%

LITTLE ROCK WASTEWATER UTILITY
PRIORITY POLLUTANT SCAN - ORGANIC FRACTIONS

2005 POSITIVE RESULTS, ug/L

Madams Field Treatment Plant

May 31, 2005		
Compound	INF	EFF
Bis(2-ethylhexyl)phthalate -(B/N)	14.3	ND
August 29, 2005		
Compound		
Dichloroethylene chloride	23.00	ND
October 20, 2005		
Compound		
Bis(2-ethylhexyl)phthalate -(B/N)	15.3	ND

Fourche Creek Treatment Plant

May 31, 2005		
Compound	INF	EFF
Bis(2-ethylhexyl)phthalate -(B/N)	22.4	ND
Chloroform - (Volatile)	12.8	ND
Phenols - (Acid Extractable)	12.8	ND

Comments: ND - No Detection

Comments: ND - No Detection

II. SUMMARY OF POSITIVE RESULTS - REPORTING PERIOD 1996 THROUGH 2005

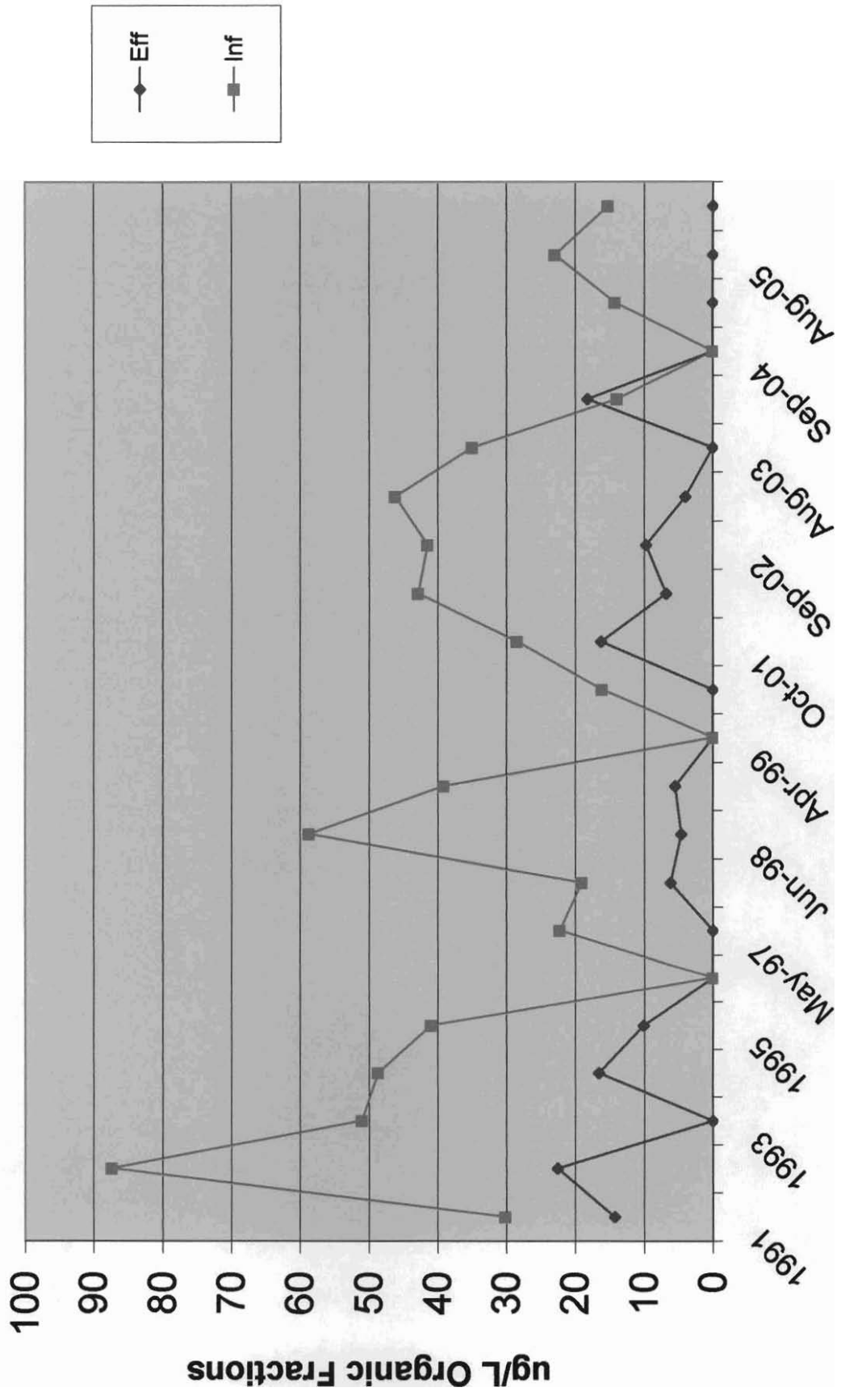
Madams Field Treatment Plant

Parameter, ug/L	1996		May-97		Sep-97		Jun-98		Sep-98		Apr-99		Mar-00		Oct-01		Apr-02		Sep-02		May-03		Aug-03		May-04		Sep-04		May-05		Aug-Oct-05 ²		
	INF	EFF	INF	EFF	INF	EFF	INF	EFF	INF	EFF	INF	EFF	INF	EFF	INF	EFF	INF	EFF	INF	EFF	INF ¹	EFF ¹	INF	EFF	INF	EFF	INF	EFF	INF	EFF			
Bis(2-ethylhexyl)Phthalate	ND	ND	ND	ND	11.8	6.22	14.0	ND	12.0	3.1	ND	ND	ND	ND	17.5	ND	12.0	ND	12.0	3.6	15.0	ND	14.0	ND	ND	ND	ND	ND	ND	14.3	ND	15.3	ND
Chloroform	ND	ND	10.40	ND	7.3	ND	11.00	4.6	9.4	2.4	ND	ND	ND	ND	ND	ND	8.2	6.8	5.9	3.4	8.2	4	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Trichloroethylene	ND	ND	11.90	ND	ND	ND	8.80	ND	ND	ND	ND	ND	16.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	ND	ND	ND	ND	ND	ND	ND	ND	0.02	ND	ND	ND	ND	ND	ND	ND	0.018	0.013	ND	0.016	ND	0.021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0045	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0063	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	ND	ND	ND	ND	ND	ND	8.4	ND	6.9	ND	ND	ND	ND	ND	ND	ND	7.1	ND	7.2	ND	6.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylphthalate	ND	ND	ND	ND	ND	ND	7.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	5.4	ND	ND	ND	ND	ND	11.1B	16.3B	5.0	ND	5.0	2.7	9.2	ND	ND	ND	14.0	18.3	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzylphthalate	ND	ND	ND	ND	ND	ND	4.4	ND	3.4	ND	ND	ND	ND	ND	ND	ND	5.3	ND	4.2	ND	4.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	ND	ND	ND	ND	ND	ND	4.5	ND	2.0	ND	ND	ND	ND	ND	ND	ND	5.2	ND	7.2	ND	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichloroethylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23	ND
Benzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total	0.00	0.00	22.30	0.00	19.10	6.22	58.70	4.60	39.12	5.50	0.00	0.00	16.20	0.0	28.60	16.30	42.82	6.82	41.50	9.72	46.2	4.02	35.0	0.0	14.0	18.3	0.0	0.0	14.3	0.0	38.3	0.0	

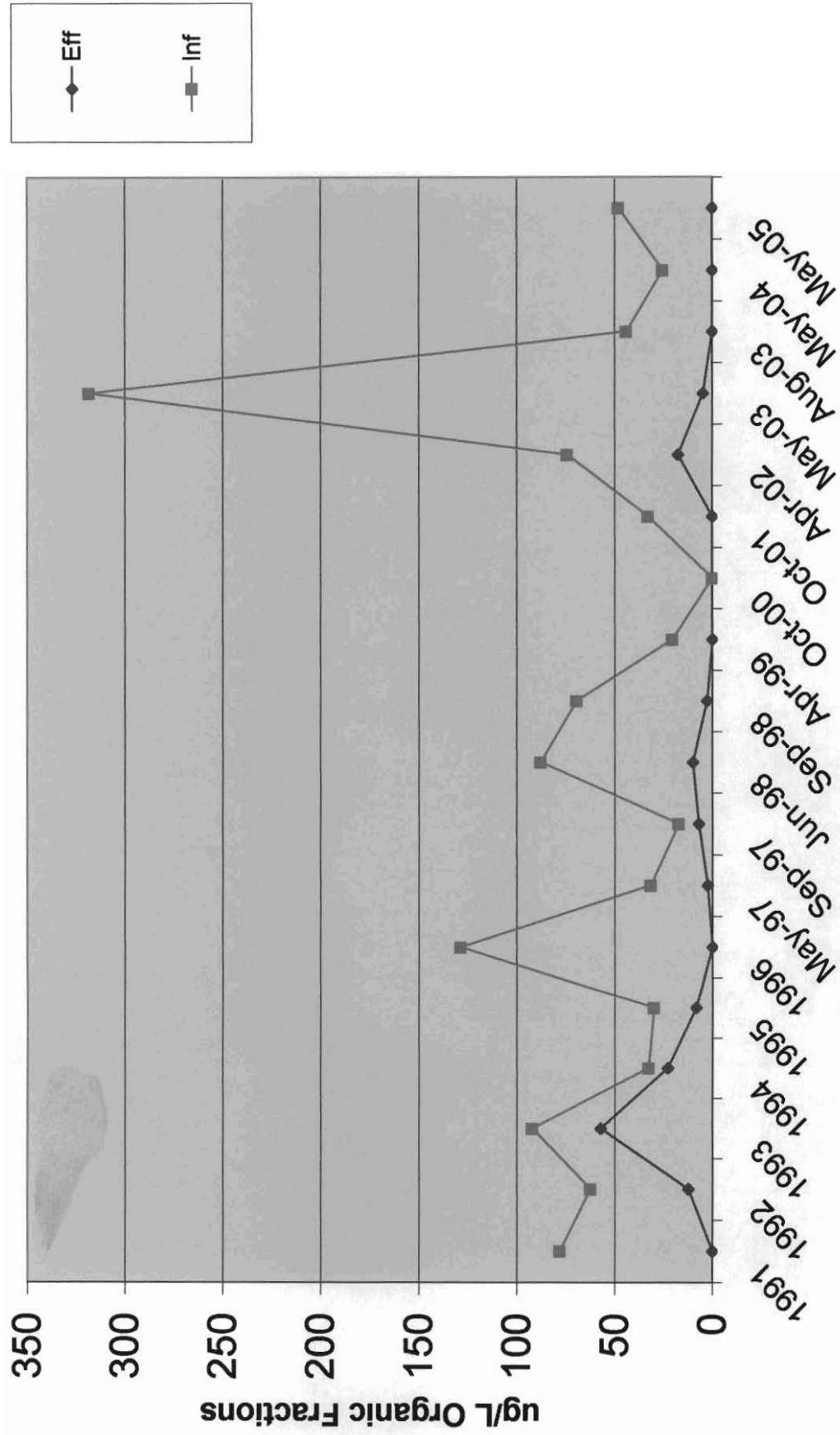
Comments 1. May-2003 parameters were retested due to elevated detection limits for some parameters due to dilution factors used in laboratory

2. Grab samples for volatiles collected in August 2005; 24 hour composite samples (12/24HFC) collected in October, 2005.

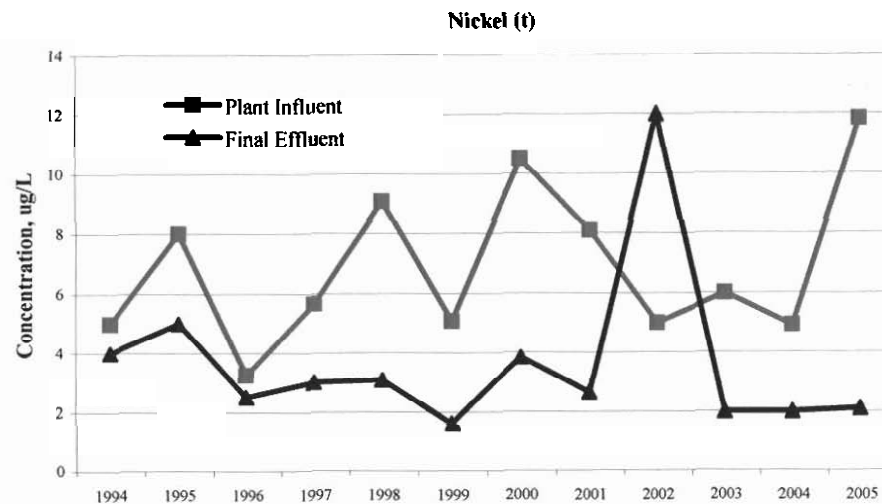
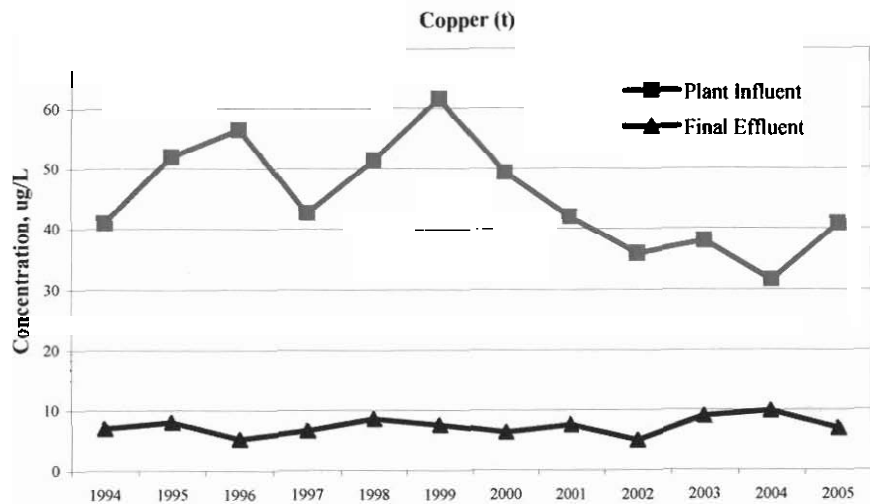
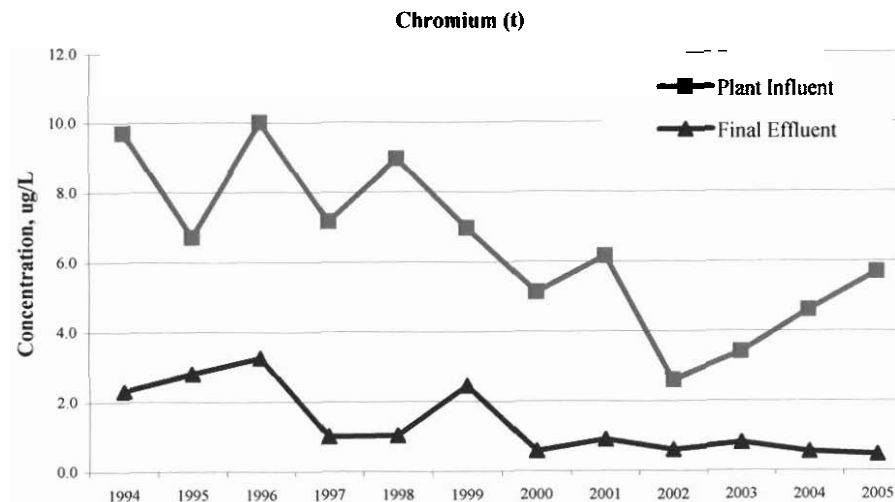
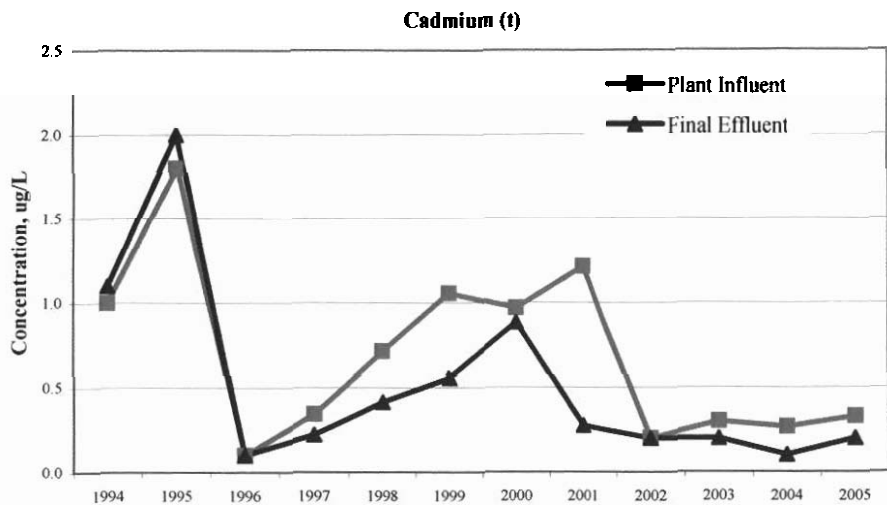
Adams Field WWTP



Fourche Creek WWTP



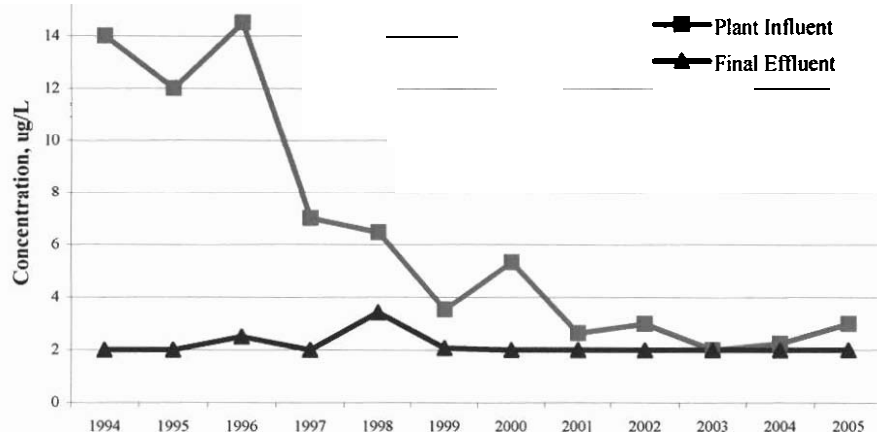
**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 ADAMS FIELD TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**



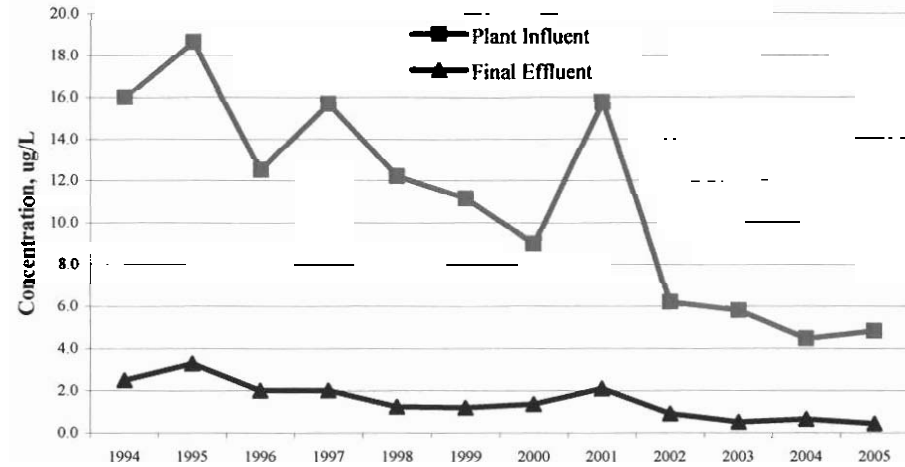
	Cadmium(t)	Copper (t)	Chromium (t)	Nickel(t)
Influent Headworks Limit	9 ug/L	270 ug/L	260 ug/L	160 ug/L
Effluent Water Quality Criteria (Acute)	27 ug/L	106 ug/L	5,590 ug/L	2,490 ug/L

**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 ADAMS FIELD TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**

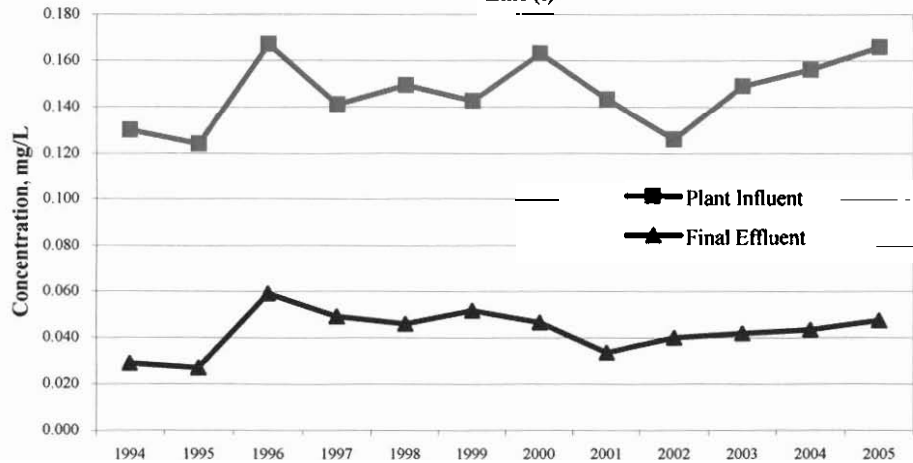
Lead (t)



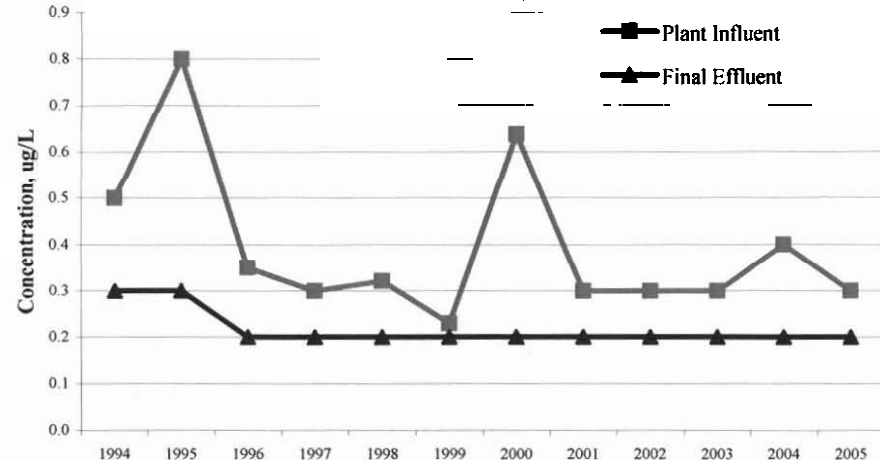
Silver (t)



Zinc (t)



Mercury (t)



Influent Headworks Limit
 Effluent Water Quality Criteria (Acute)

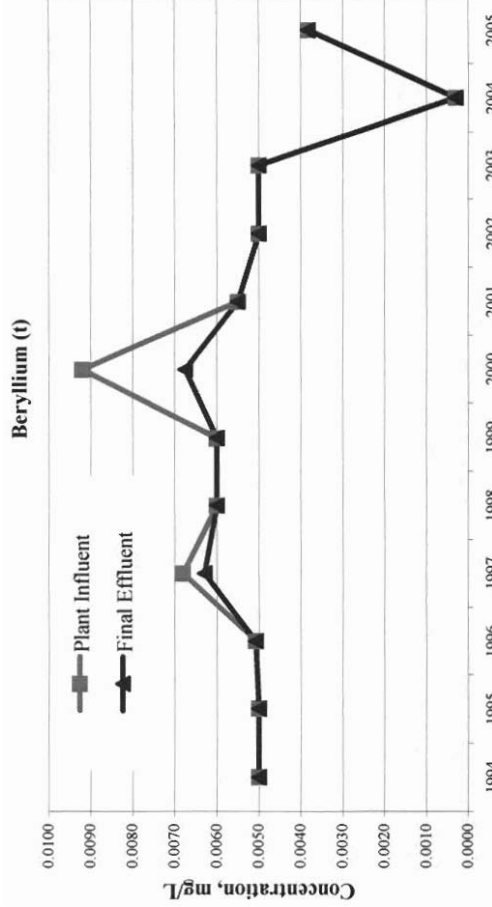
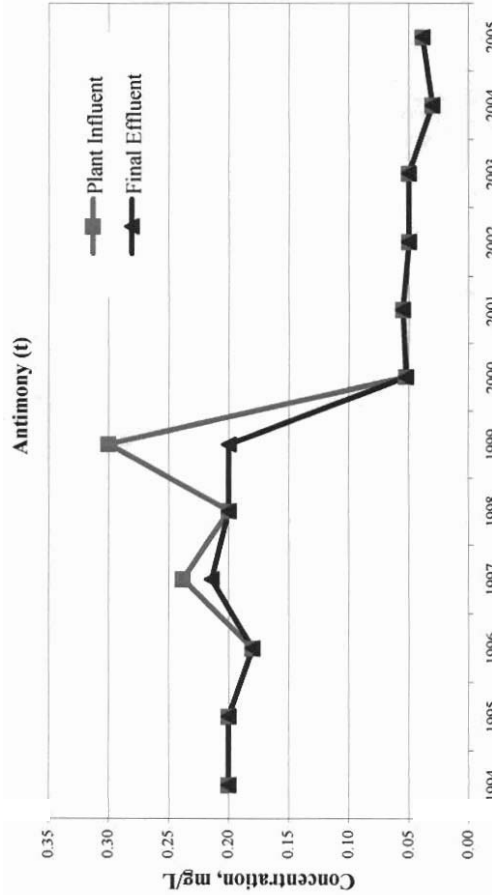
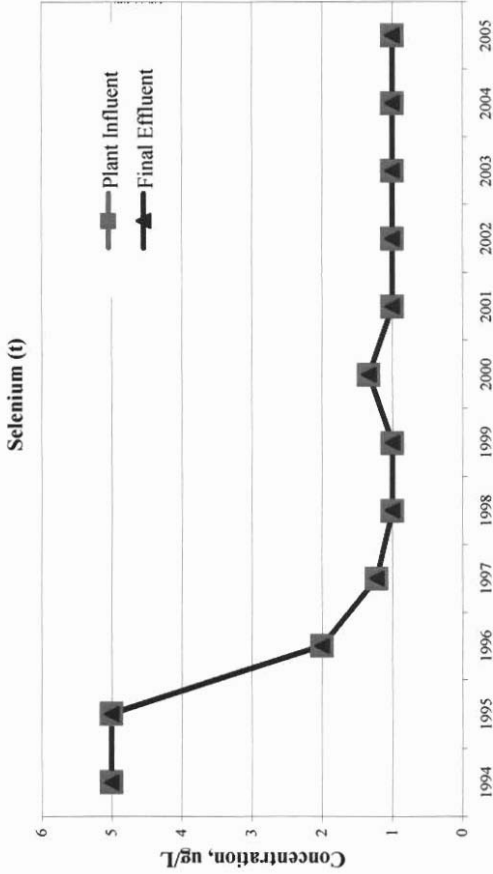
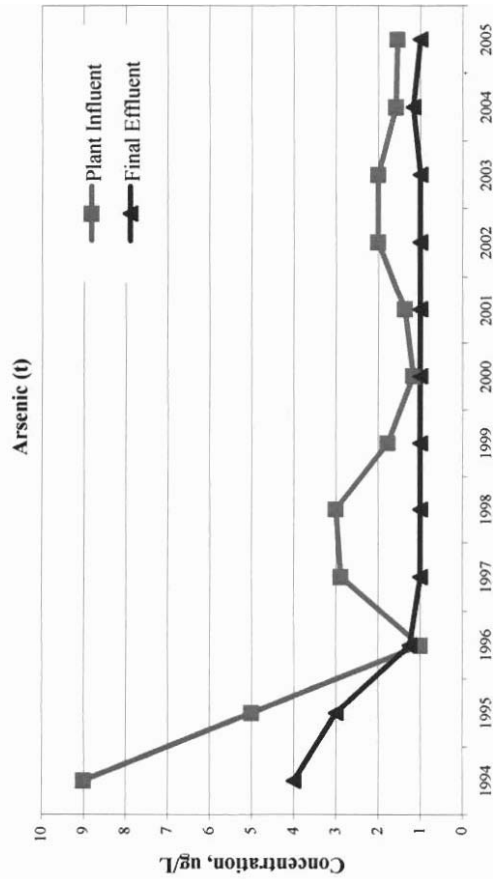
Lead (t)
 50 ug/L
 98 ug/L

Zinc(t)
 0.36 mg/L
 0.85 mg/L

Silver(t)
 180 ug/L
 28 ug/L

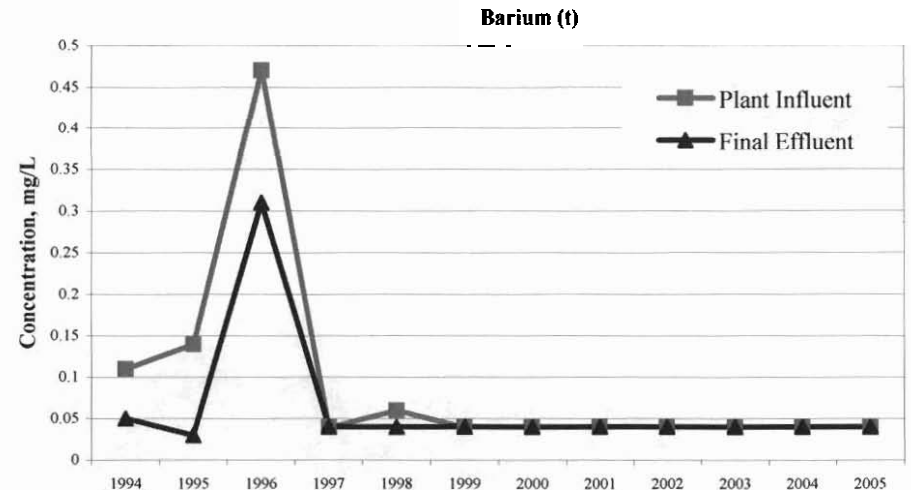
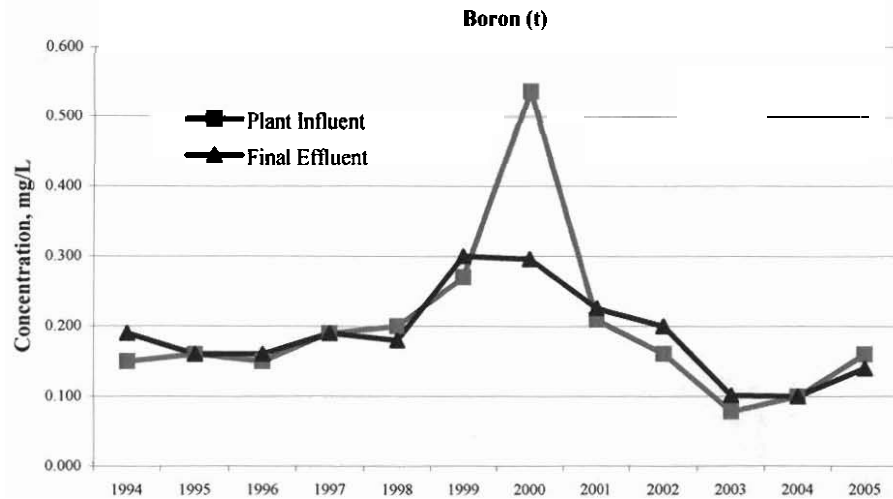
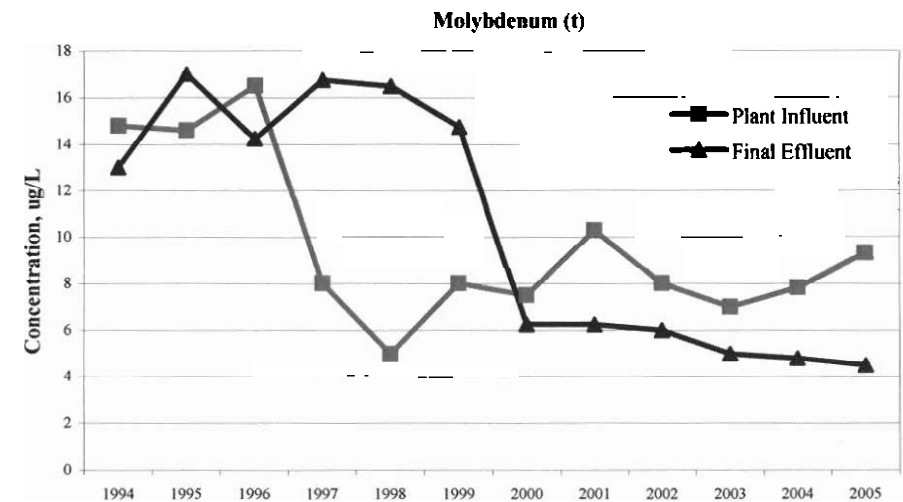
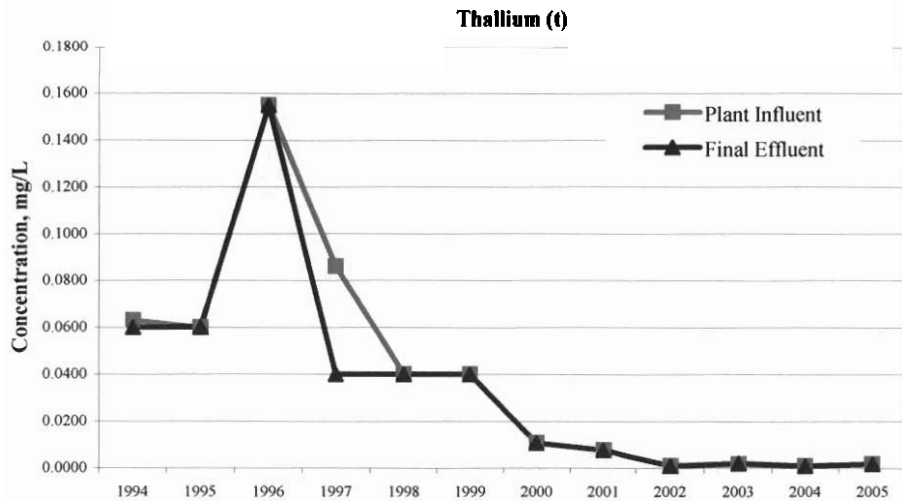
Mercury(t)
 0.2 ug/L
 0.07 ug/L

LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 ADAMS FIELD TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005



	Arsenic (t)	Antimony (t)	Selenium (t)	Beryllium (t)
Influent Headworks Limit	14 ug/L	None	10 ug/L	None
Effluent Water Quality Criteria (Acute)	1,190 ug/L	None	28 ug/L	None

**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 ADAMS FIELD TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**



Influent Headworks Limit
 Effluent Water Quality Criteria (Acute)

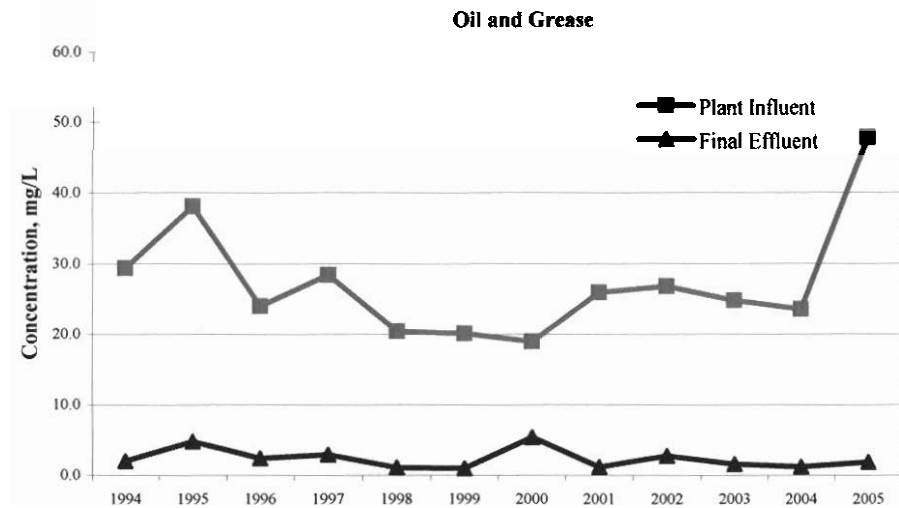
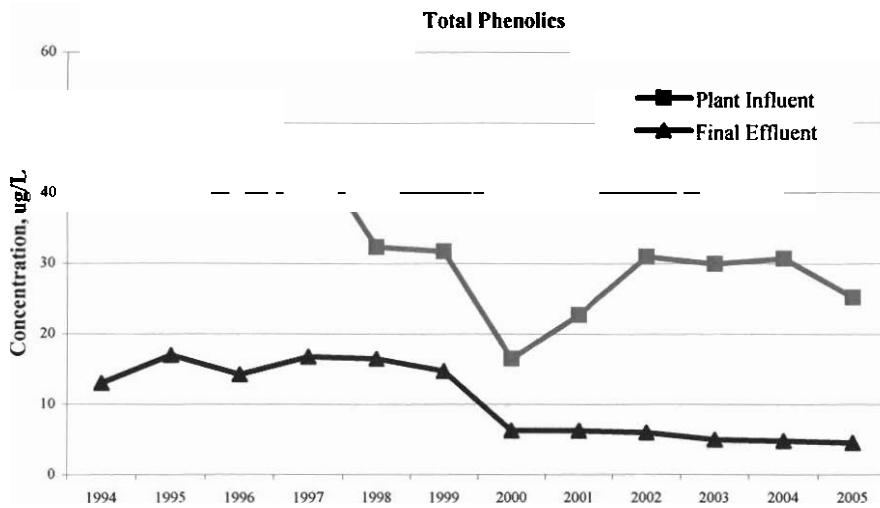
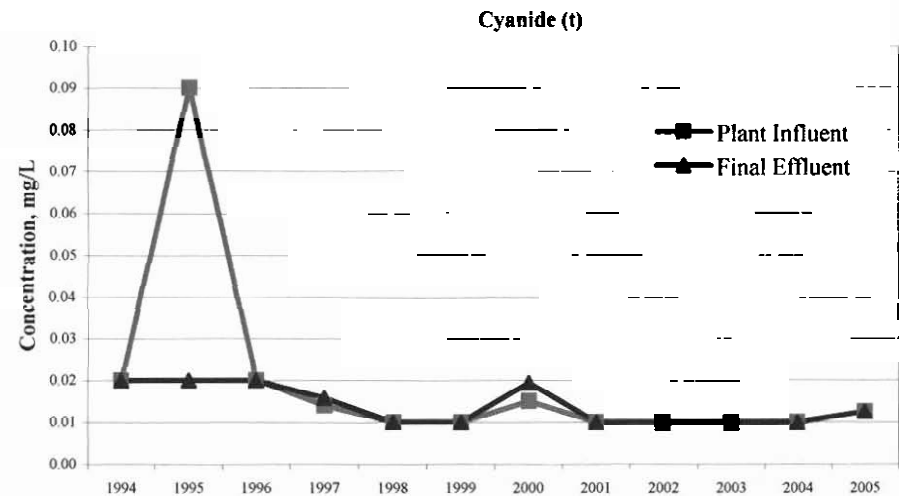
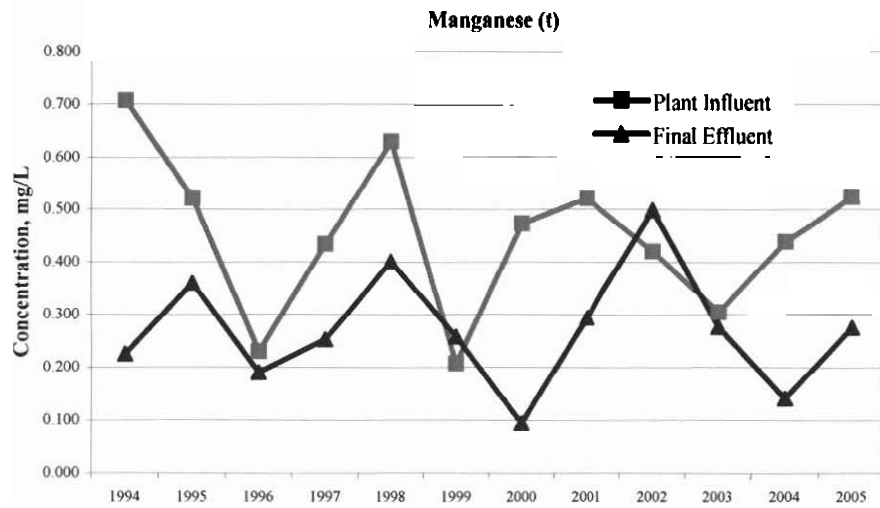
Thallium (t)
 None
 None

Boron (t)
 None
 None

Molybdenum(t)
 None
 None

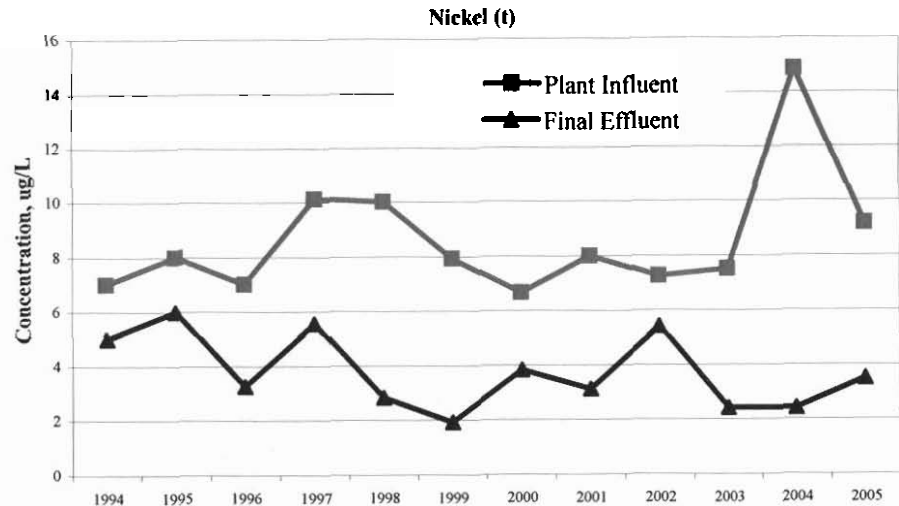
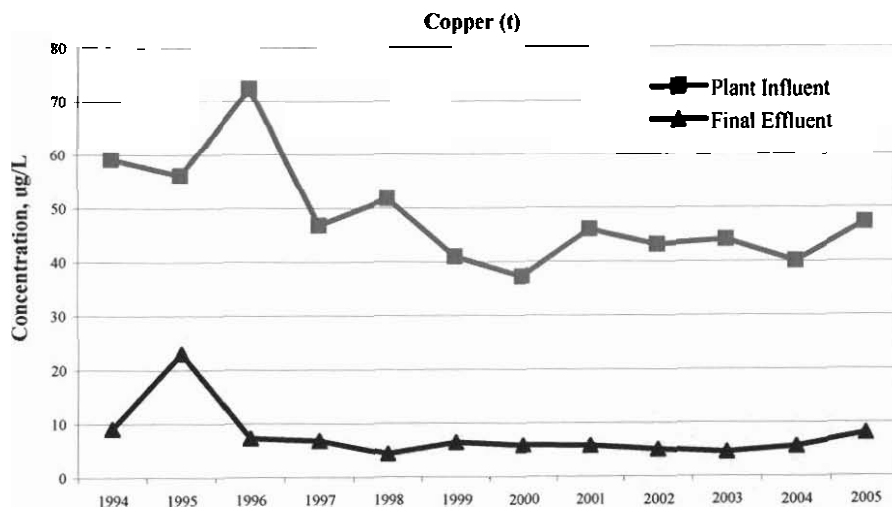
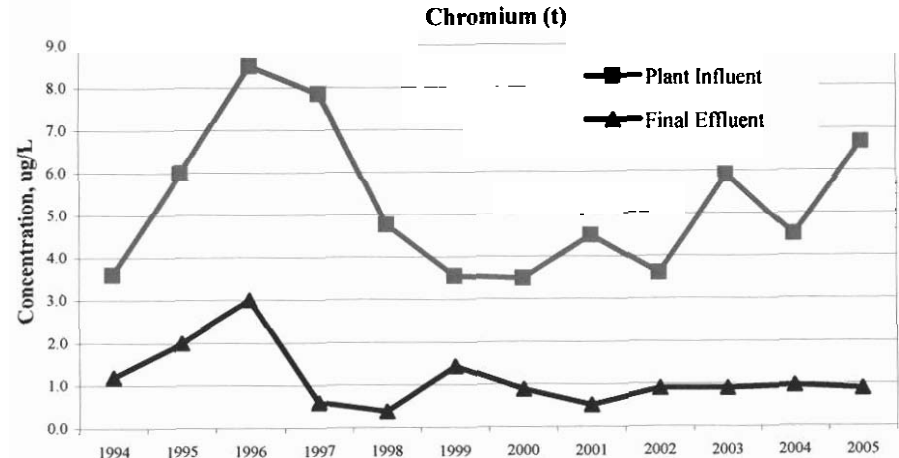
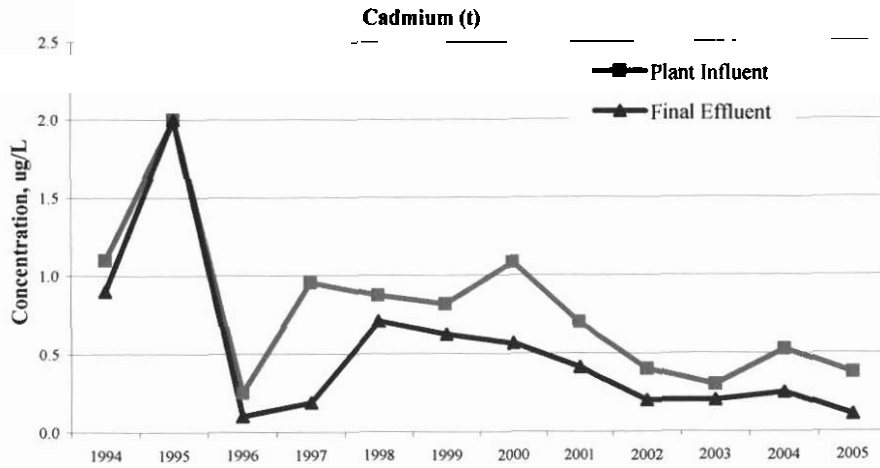
Barium(t)
 None
 None

**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 ADAMS FIELD TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**



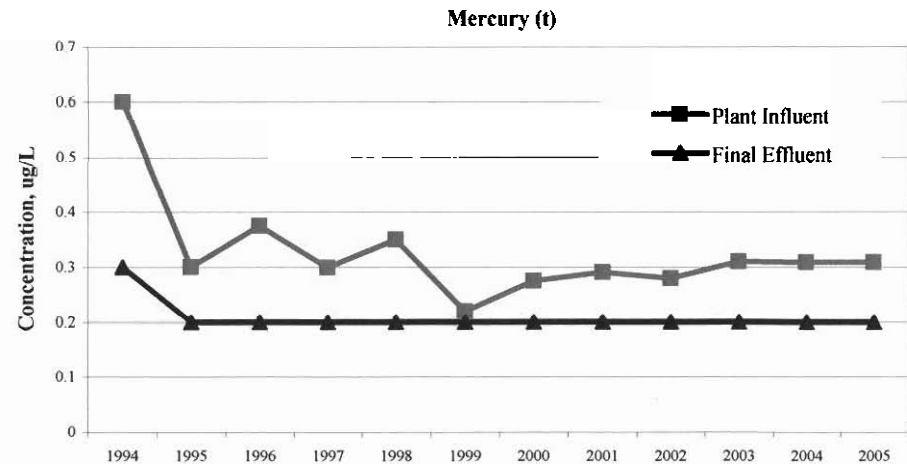
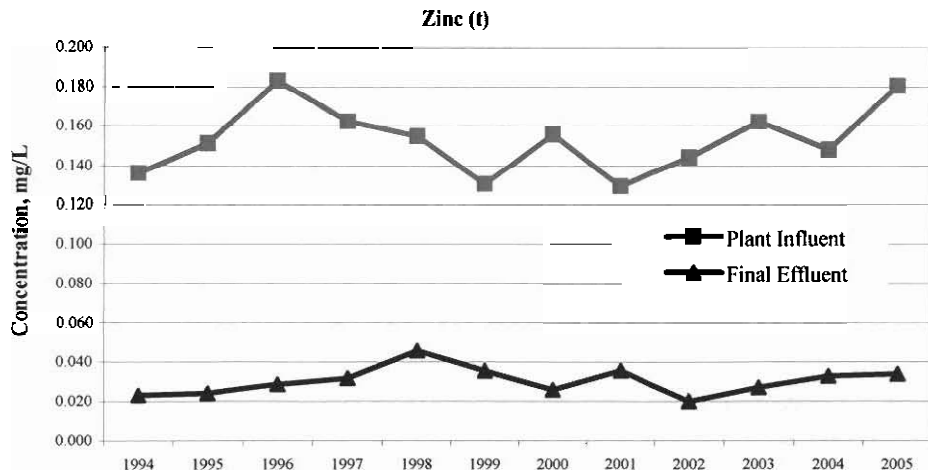
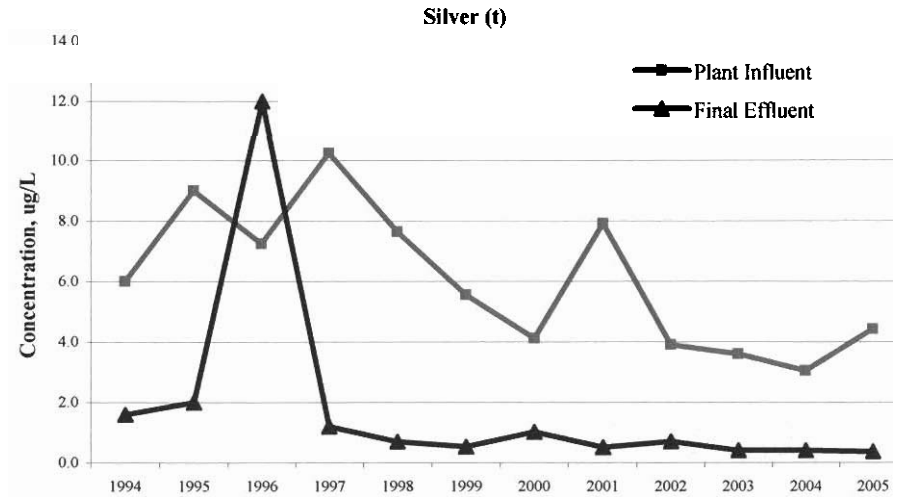
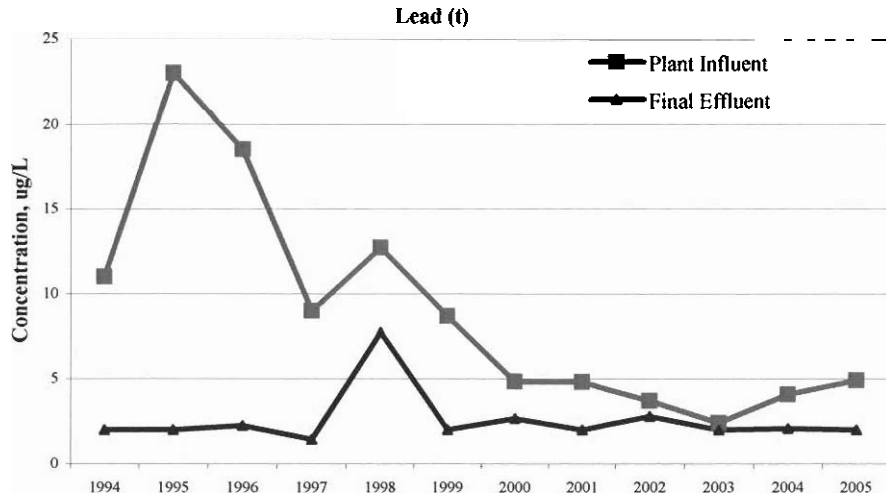
	Manganese (t)	Total Phenols	Cyanide (t)	Oil&Grease
Influent Headworks Limit	None	None	0.09 mg/L	None
Effluent Water Quality Criteria (Acute)	None	None	0.29 mg/L	None

**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 FOURCHE CREEK TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**



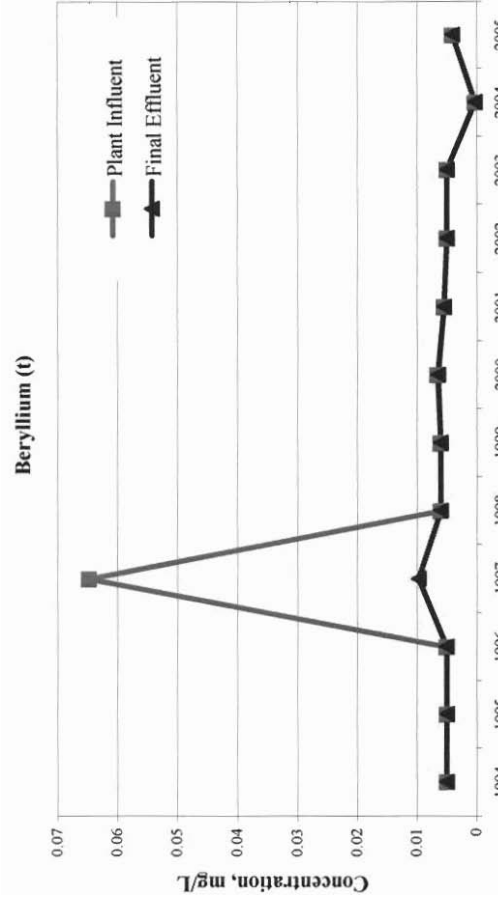
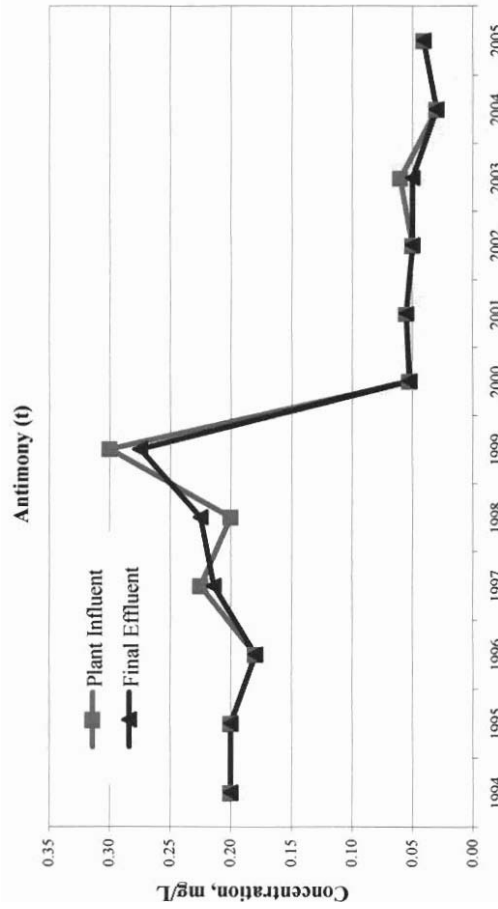
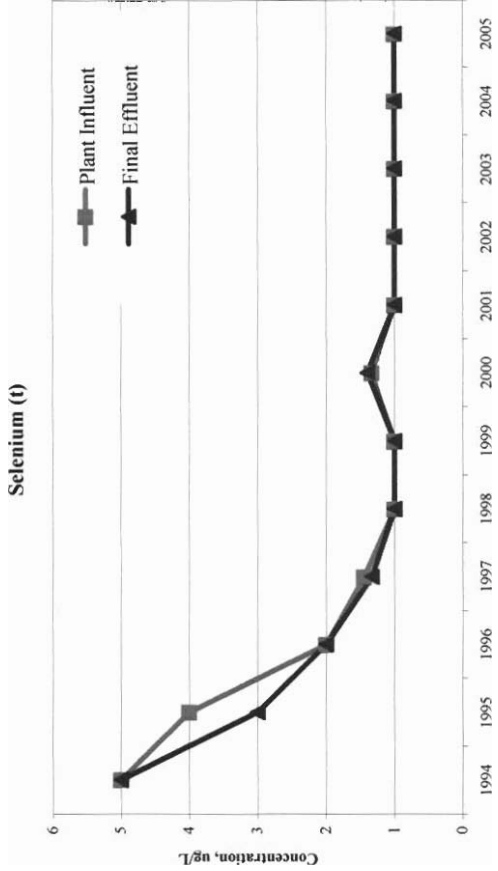
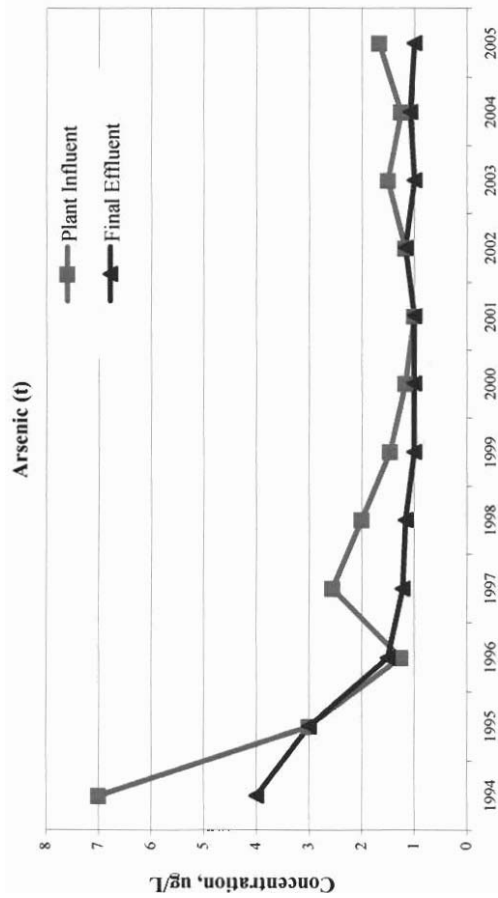
	Cadmium(t)	Copper (t)	Chromium (t)	Nickel(t)
Influent Headworks Limit	9 ug/L	270 ug/L	260 ug/L	160 ug/L
Effluent Water Quality Criteria	53 ug/L	395 ug/L	11,700 ug/L	4,980 ug/L

**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 FOURCHE CREEK TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**



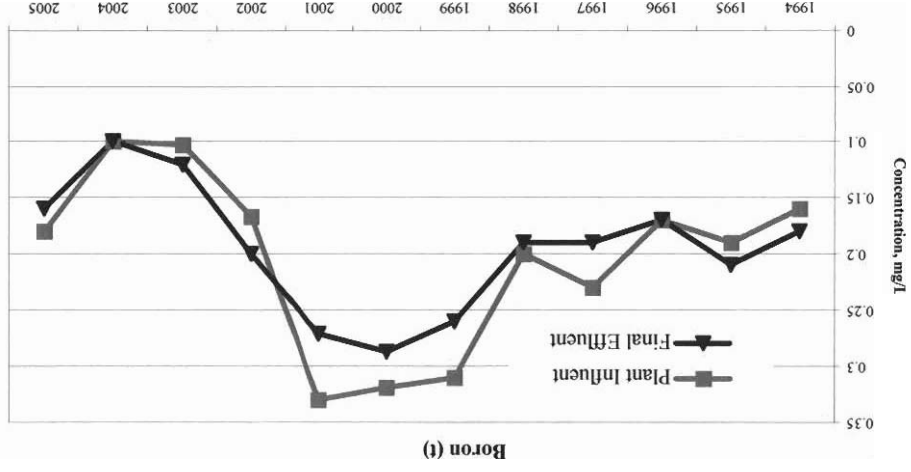
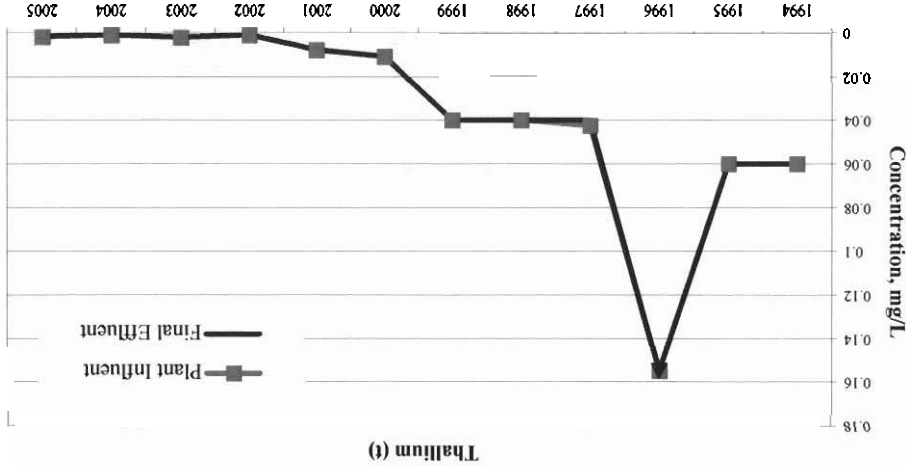
	Lead (t)	Zinc(t)	Silver(t)	Mercury(t)
Influent Headworks Limit	50 ug/L	0.36 mg/L	180 ug/L	0.2 ug/L
Effluent Water Quality Criteria	197 ug/L	2.46 mg/L	56 ug/L	0.14 ug/L

**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 FOURCHE CREEK TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**

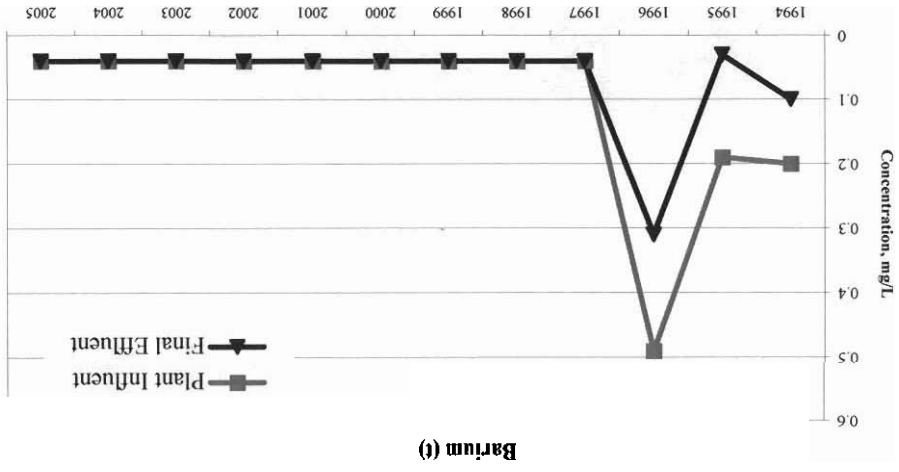
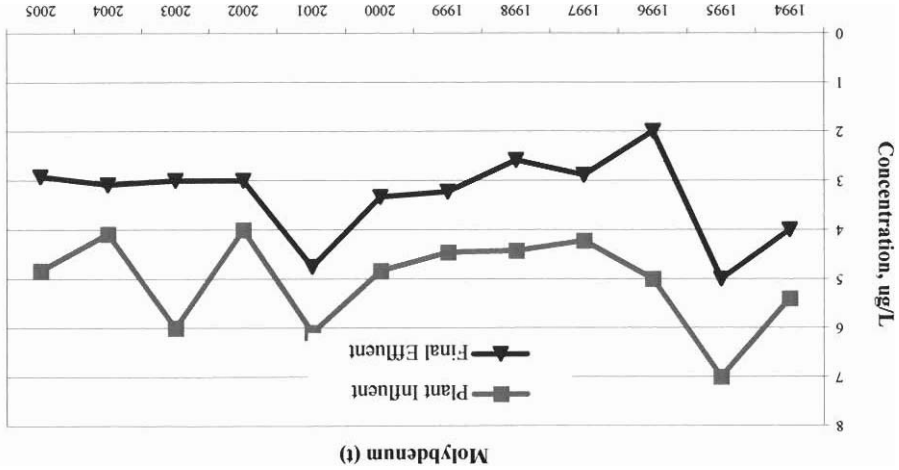


	Arsenic(t)	Antimony (t)	Selenium (t)	Beryllium (t)
Influent Headworks Limit	14 ug/L	None	10 ug/L	None
Effluent Water Quality Criteria	3,440 ug/L	None	56 ug/L	None

**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 FOURCHE CREEK TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005**

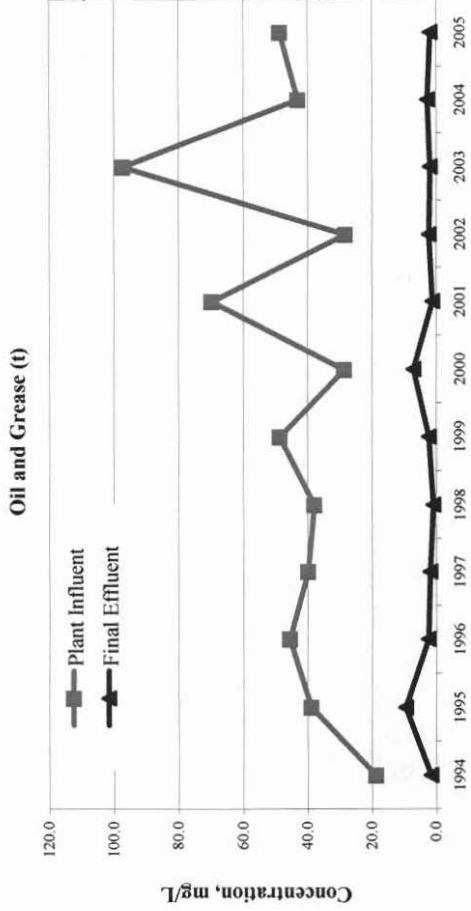
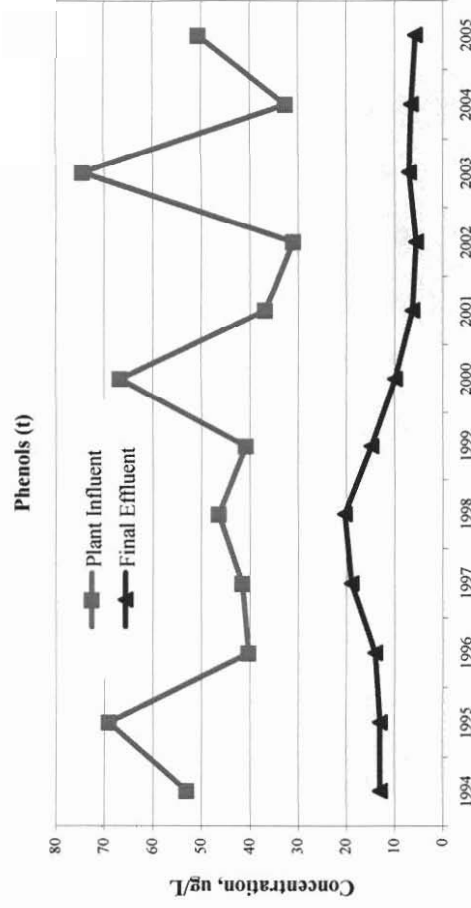
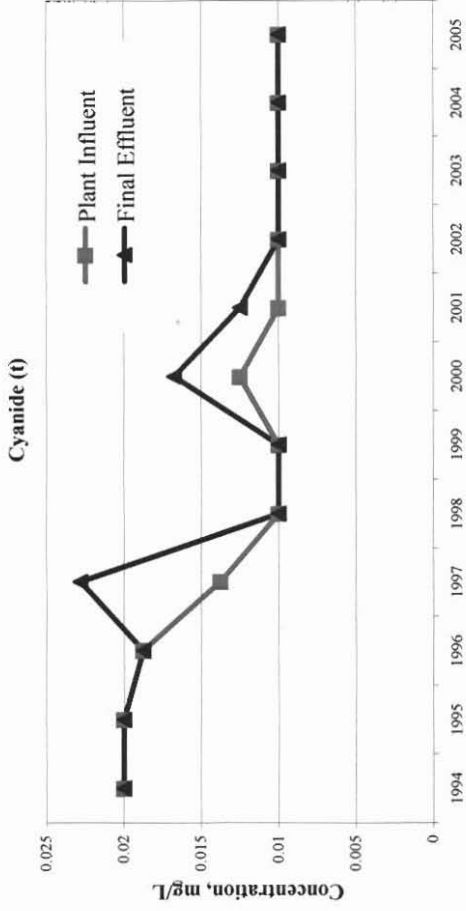
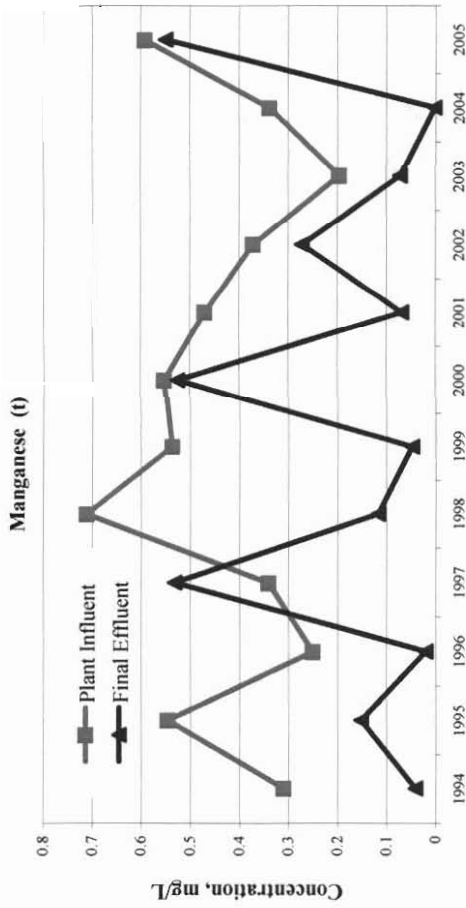


Influent Headworks Limit
 Effluent Water Quality Criteria
 Thallium (t) None
 None



Boron (t) None
 None
 Molybdenum(t) None
 Barium(t) None

LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 FOURCHE CREEK TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2005



Influent Headworks Limit
 Effluent Water Quality Criteria

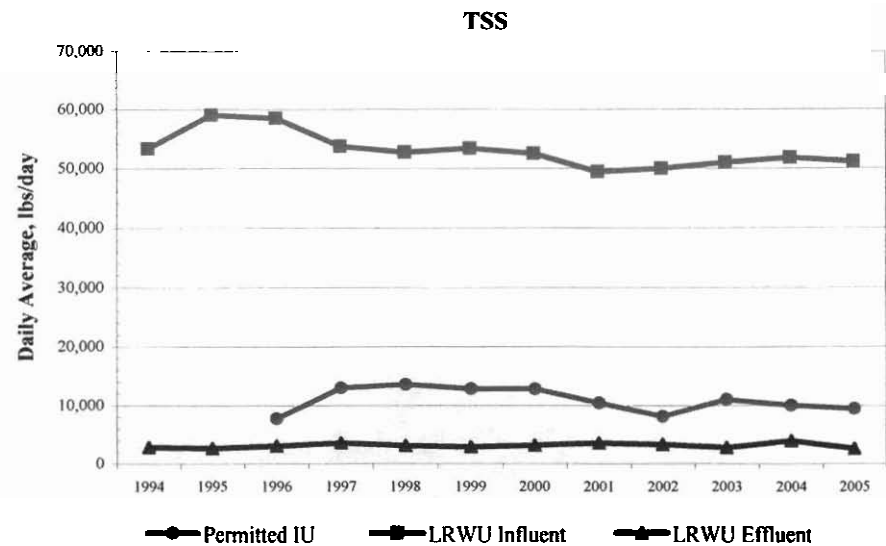
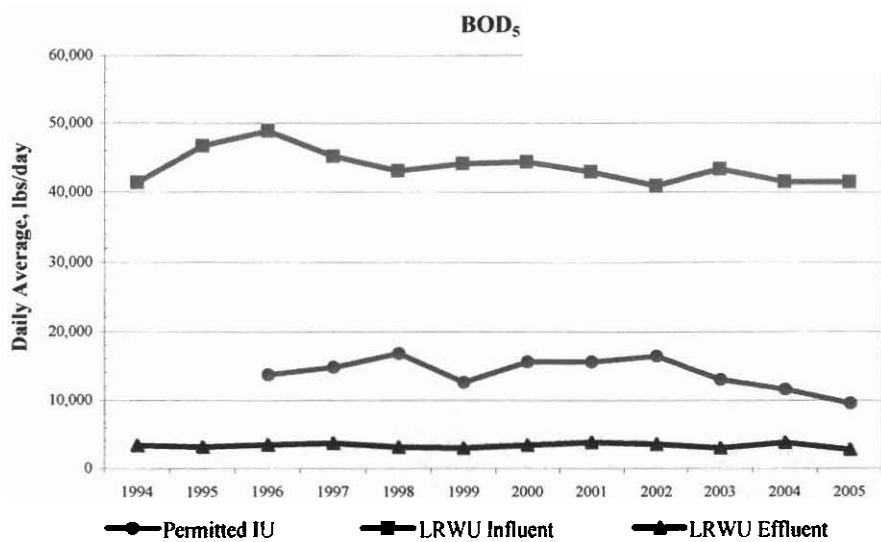
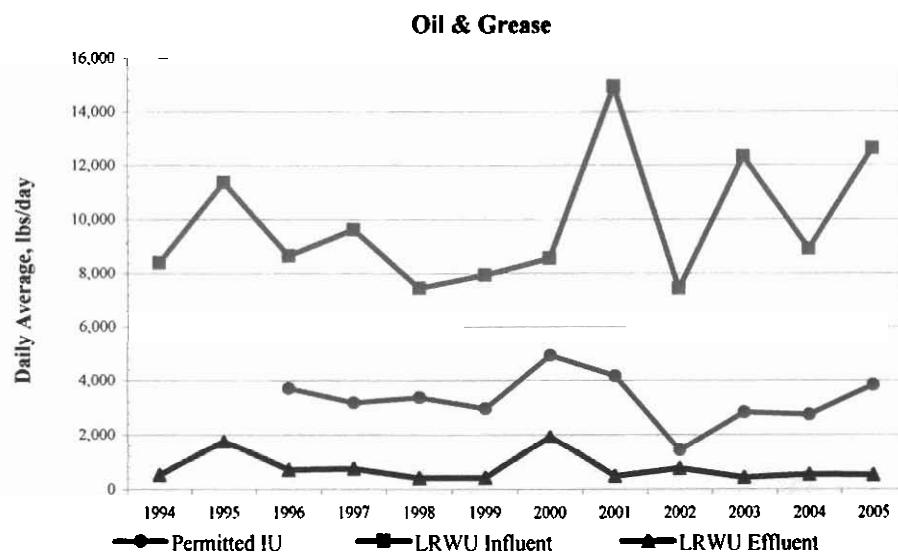
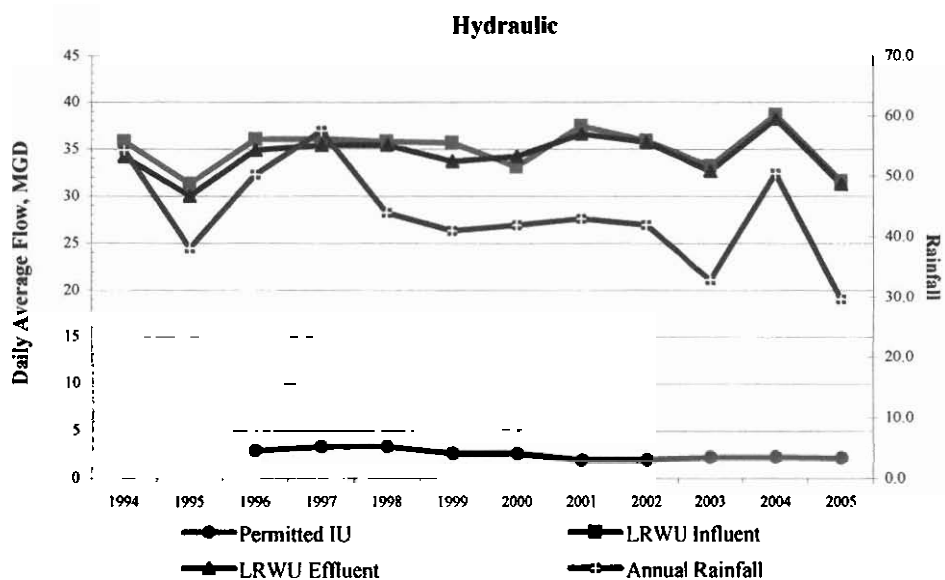
Parameter	Plant Influent	Final Effluent
Manganese (t)	None	None
Phenols	None	None
Cyanide (t)	0.09 mg/L	0.058 mg/L
Oil & Grease	None	None

SUMMARY OF LOADING TRENDS

Trend charts are used to evaluate pollutant loading for the Little Rock Wastewater Utility (LRWU) system and to evaluate Industrial User (IU) contributions. The charts are organized in the following order:

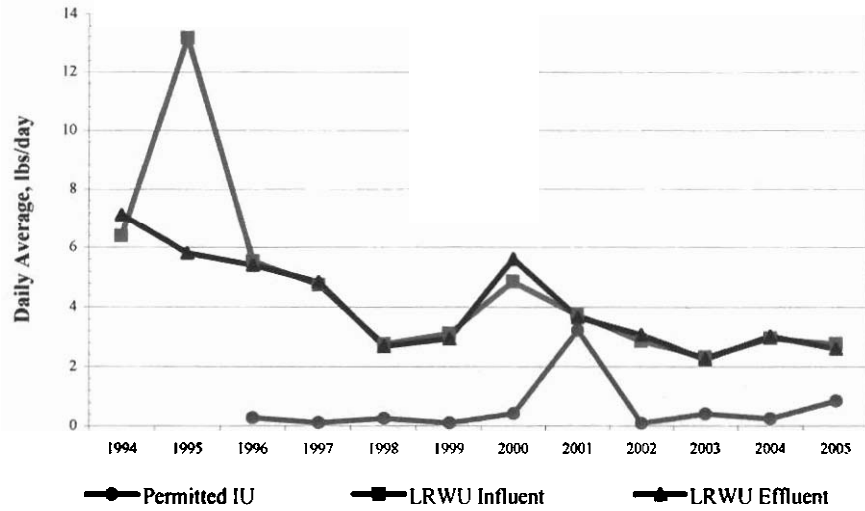
- **Total System Loading Trends** – Charts were developed showing 1994 - 2005 loading, lbs/day, to the total LRWU system for flow, BOD, TSS, O&G and local limit pollutant parameters. For each individual analytical point the lbs/day is calculated using the flow for each sample date. In cases where the concentration is reported as less than the detection limit the detection limit number was used to calculate the lbs/day. This causes the loading (lbs/day) to be higher than what it would be if zero values were used in those instances.
- **IU Percent Contributions 1996 - 2005** – Charts were developed showing IU percent contributions starting 1996 to date. In 1997 permit renewal pollutant scans were implemented and are used to identify pollutants of concern and determine permit limits. Values, less than the detection limits or below levels of concern, are included in calculating total lbs of IU contribution.
- **POTW Loading Trends - Influent/Effluent Loading, lbs/day, comparison charts** were developed for the Adams Field and Fourche Creek Wastewater Treatment Plants for 1994 - 2005. These charts reveal trends in loading for each treatment plant over a ten-year period. (% removal efficiencies, based on influent/effluent concentration values, can be found in Section VI of this report.)

**LITTLE ROCK WASTEWATER UTILITY
ENVIRONMENTAL ASSESSMENT DIVISION
LRWU TOTAL SYSTEM LOADING TRENDS**

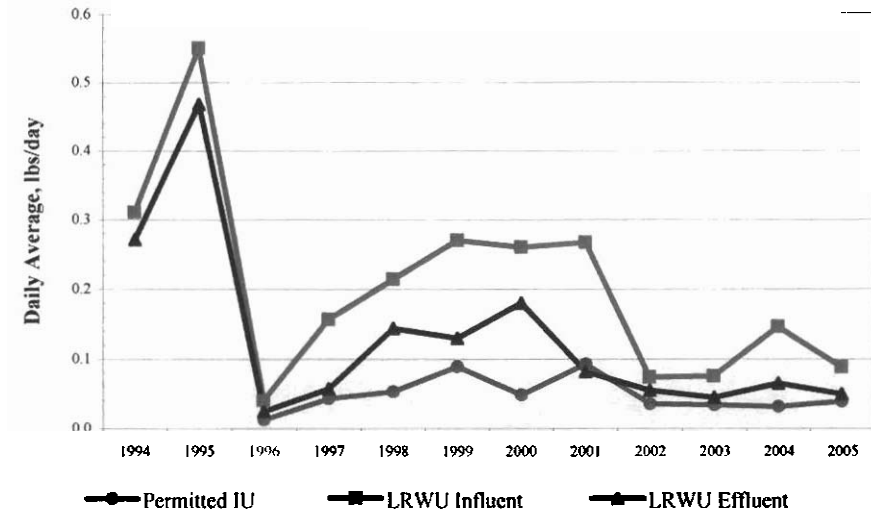


**LITTLE ROCK WASTEWATER UTILITY
ENVIRONMENTAL ASSESSMENT DIVISION
LRWU TOTAL SYSTEM LOADING TRENDS**

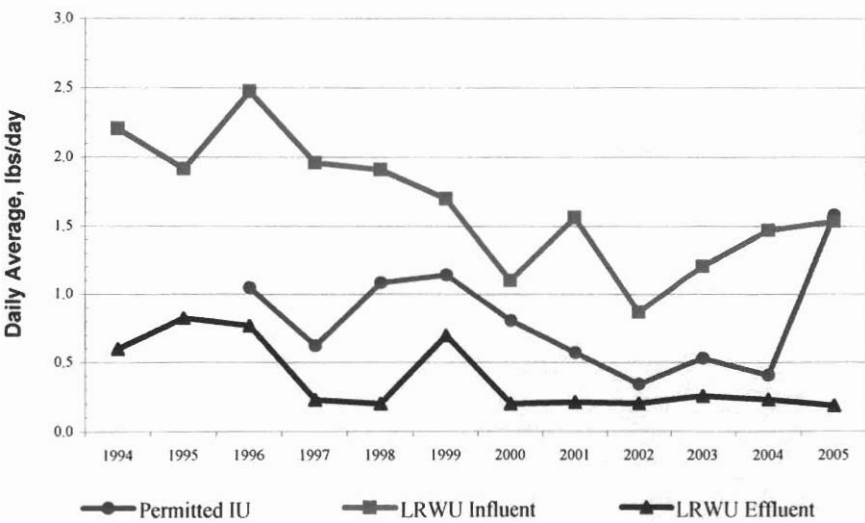
Cyanide (t)



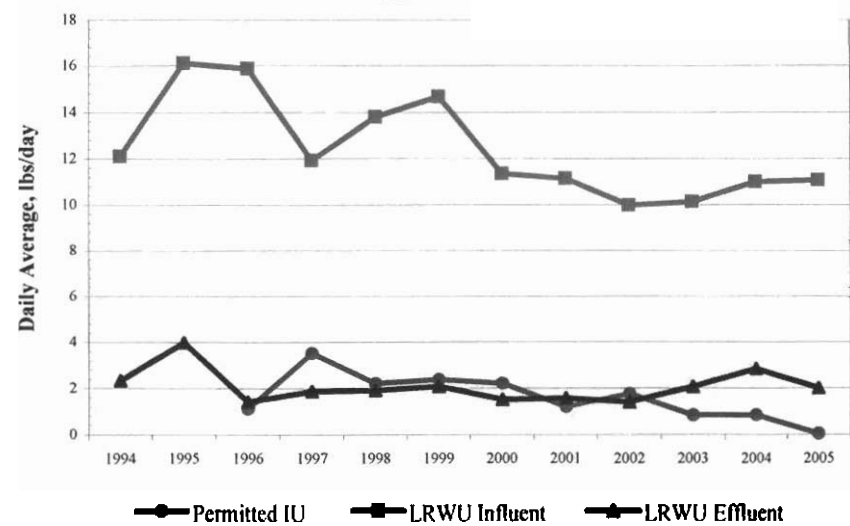
Cadmium (t)



Chromium (t)

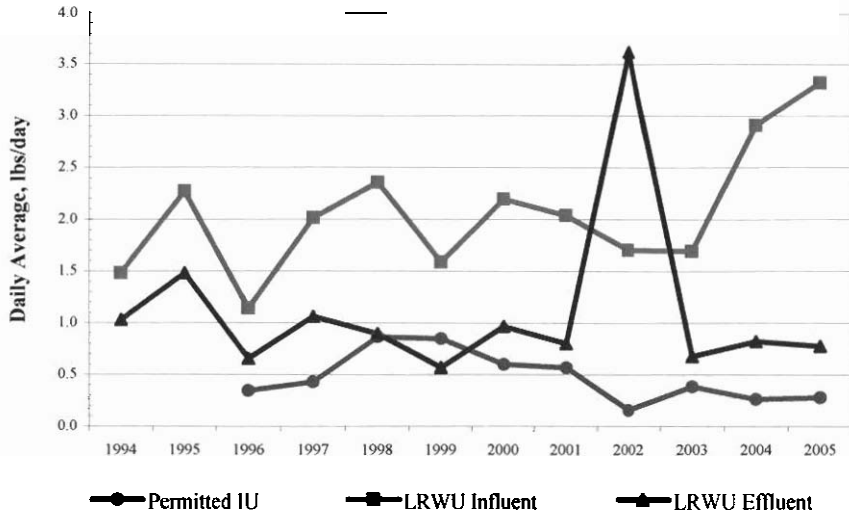


Copper (t)

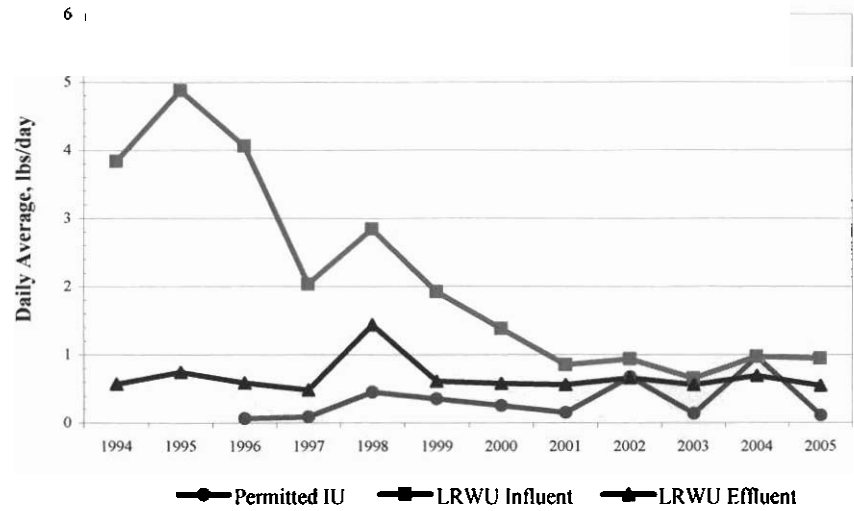


**LITTLE ROCK WASTEWATER UTILITY
ENVIRONMENTAL ASSESSMENT DIVISION
LRWU TOTAL SYSTEM LOADING TRENDS**

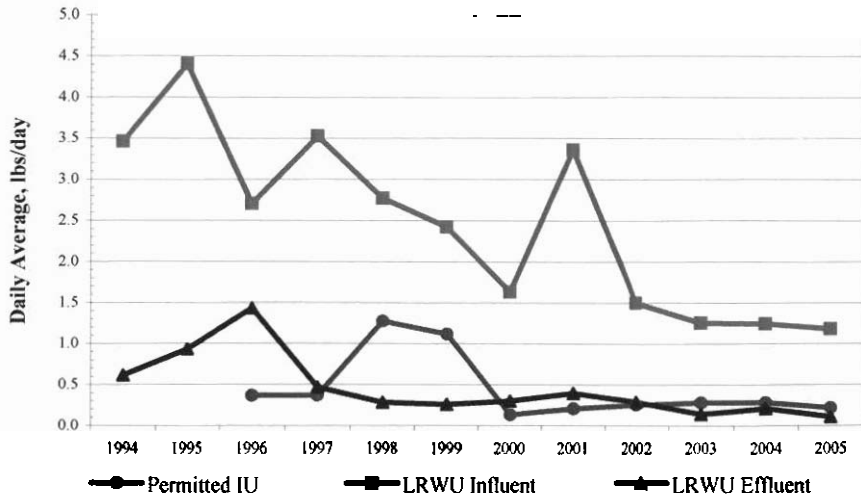
Nickel (t)



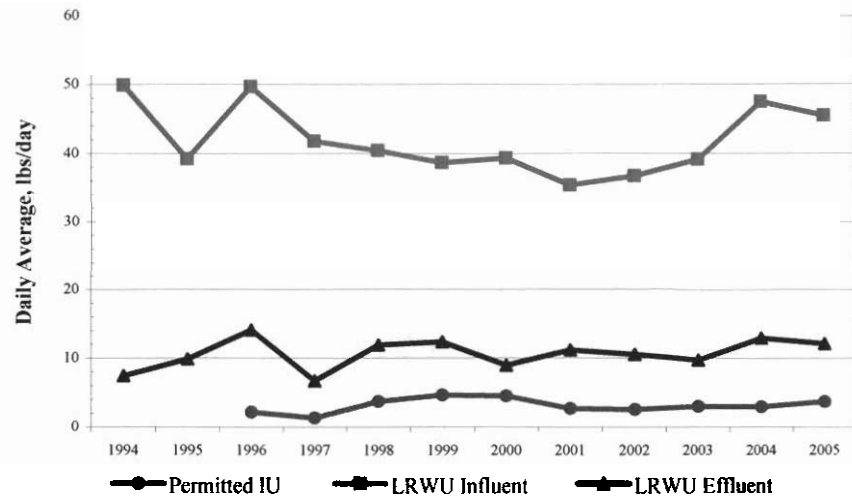
Lead (t)



Silver (t)

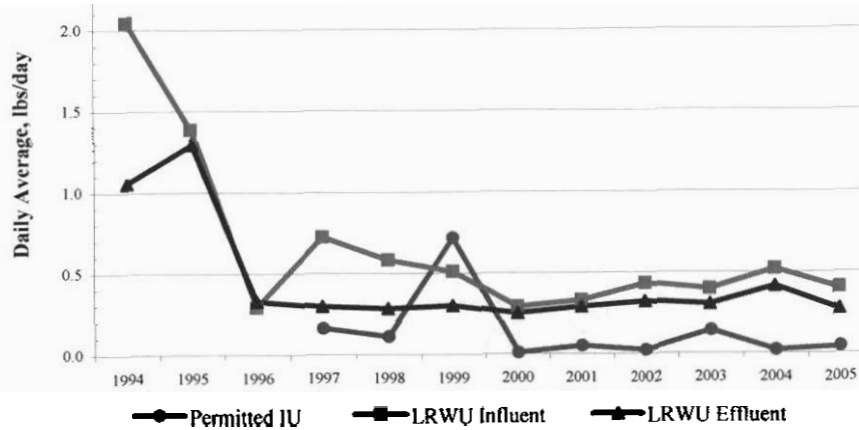


Zinc (t)

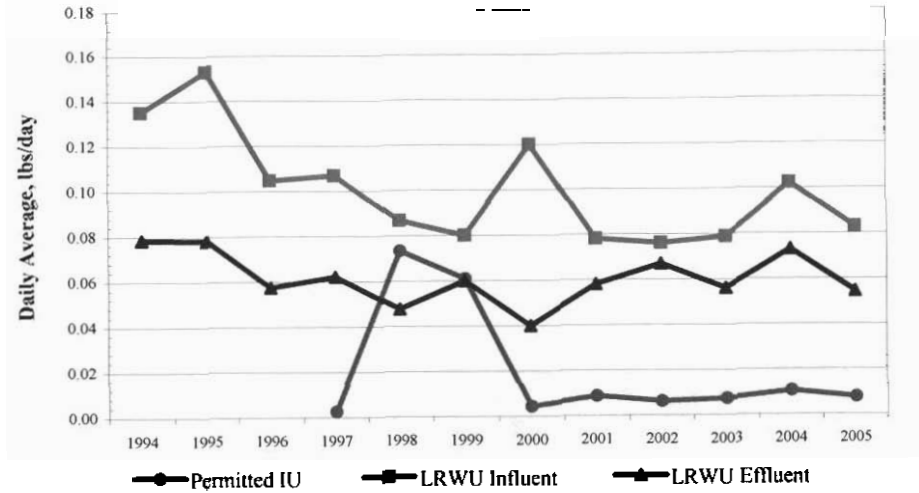


**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 LRWU TOTAL SYSTEM LOADING TRENDS**

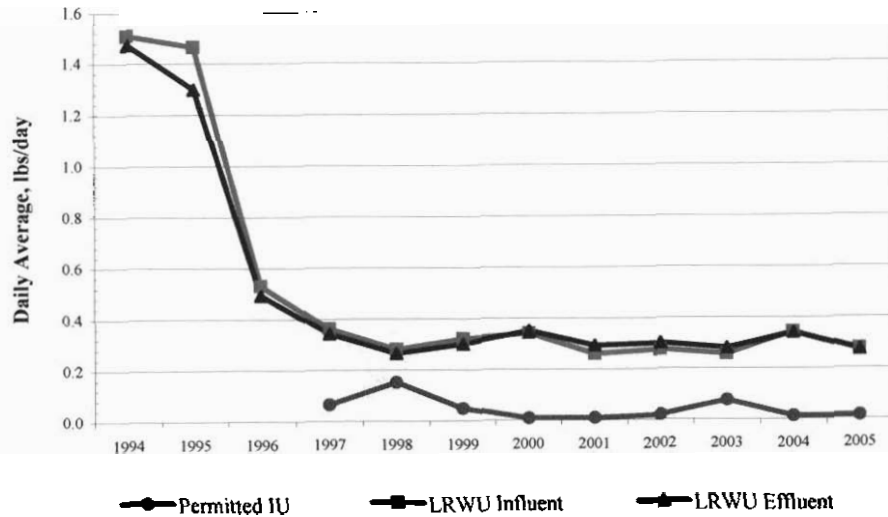
Arsenic (t)



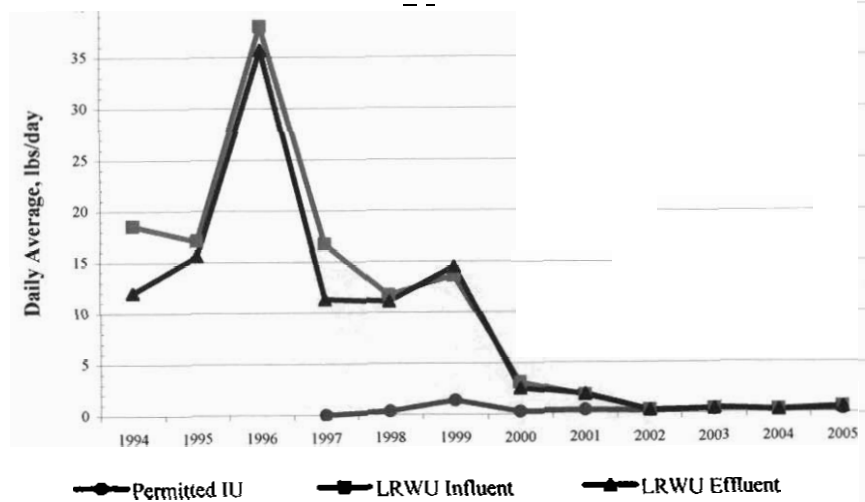
Mercury (t)



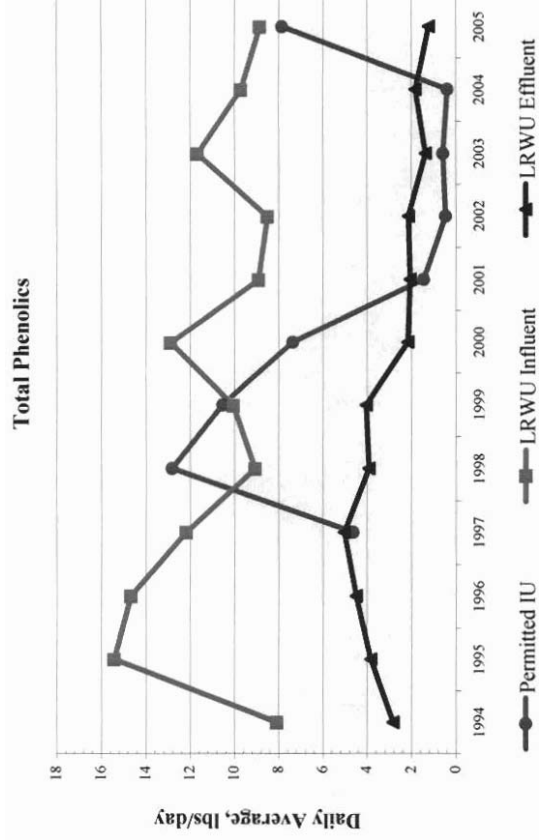
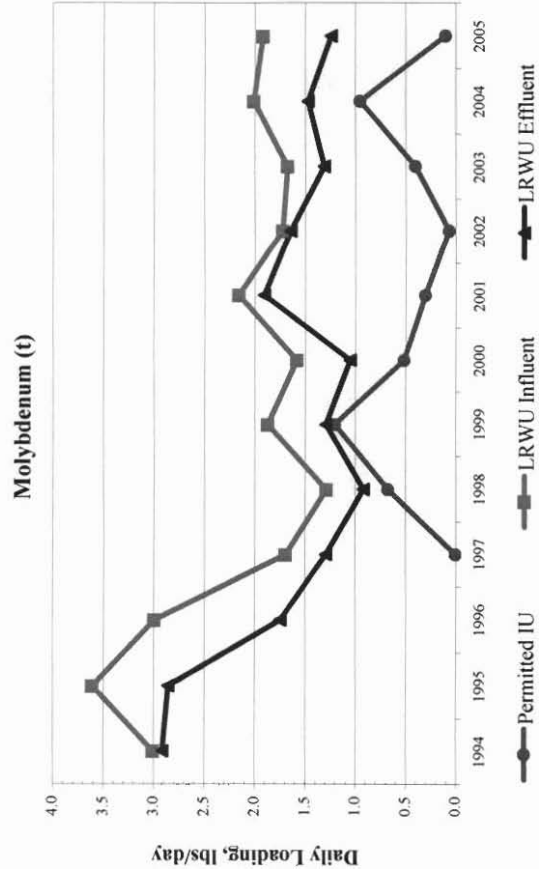
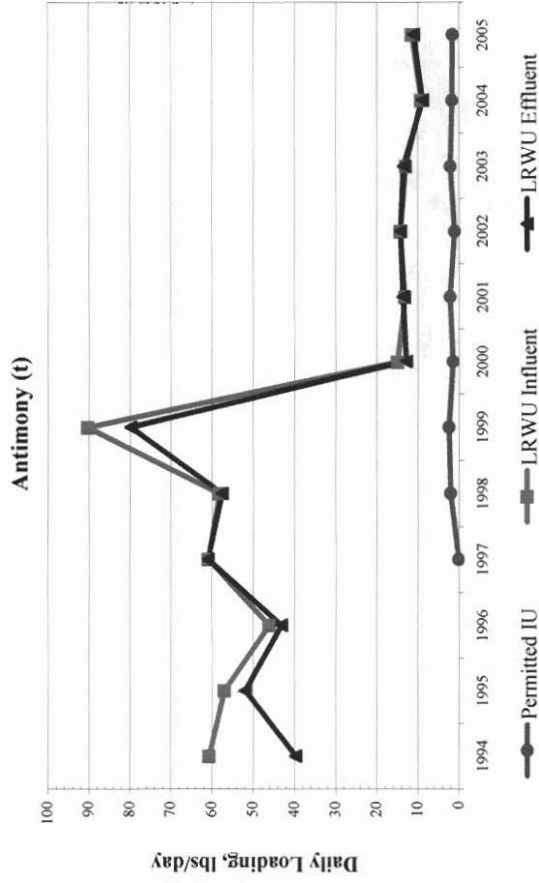
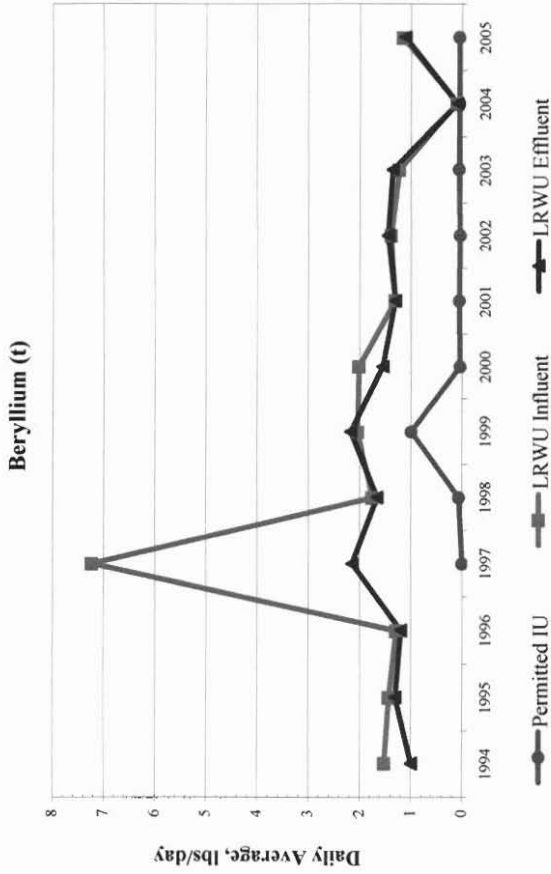
Selenium (t)



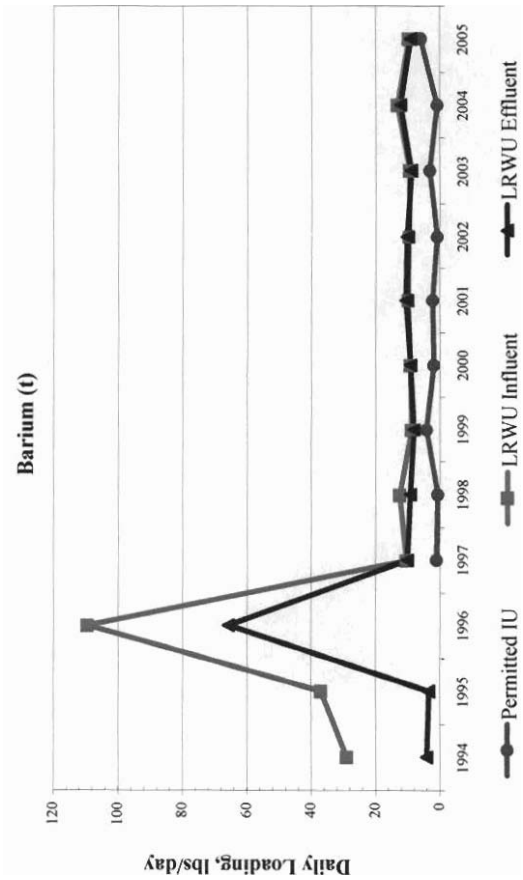
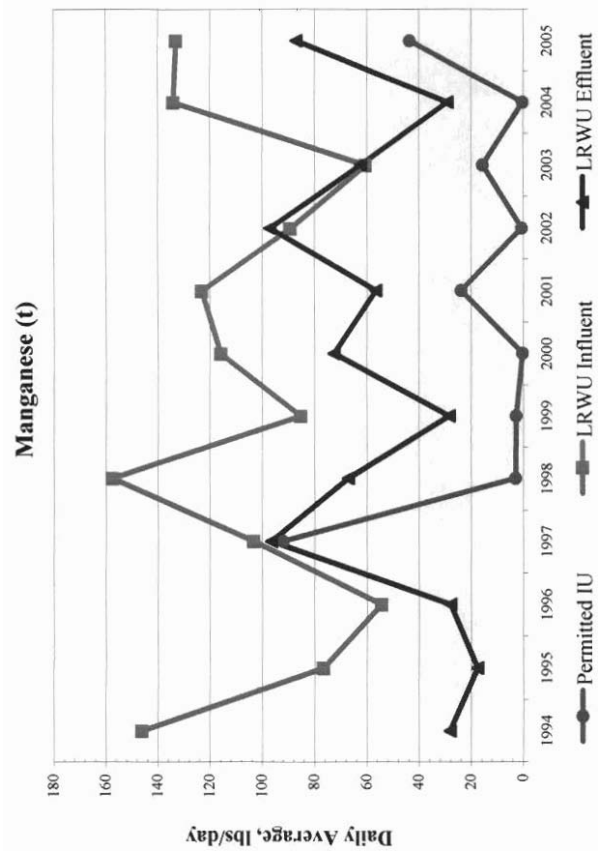
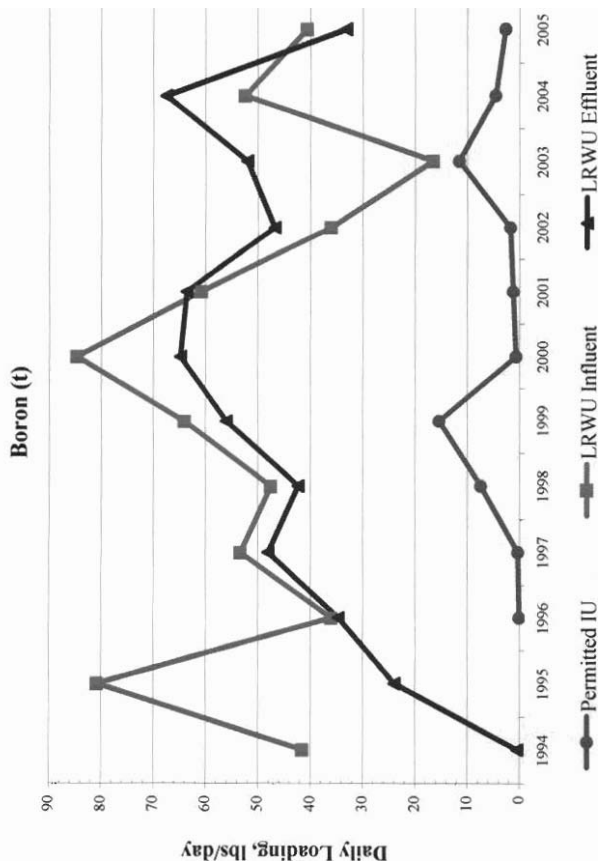
Thallium (t)



**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 LRWU TOTAL SYSTEM LOADING TRENDS**

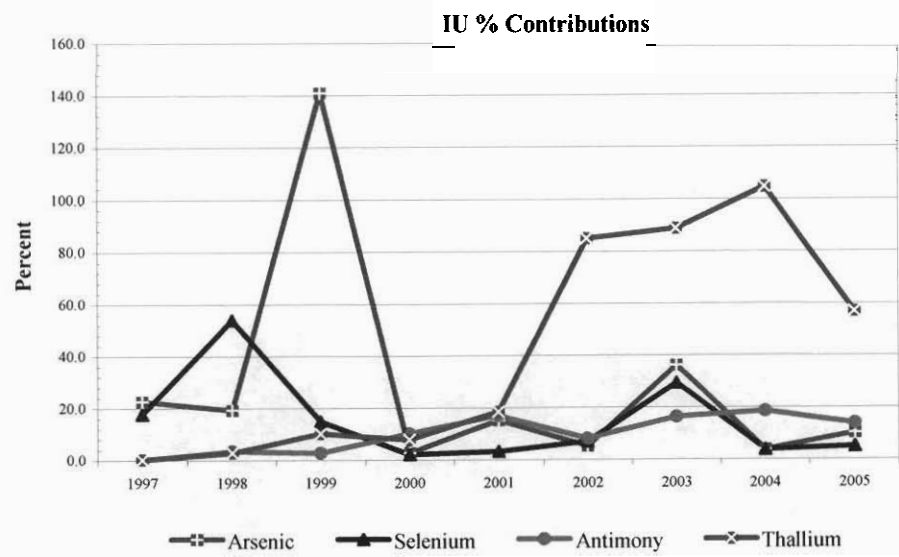
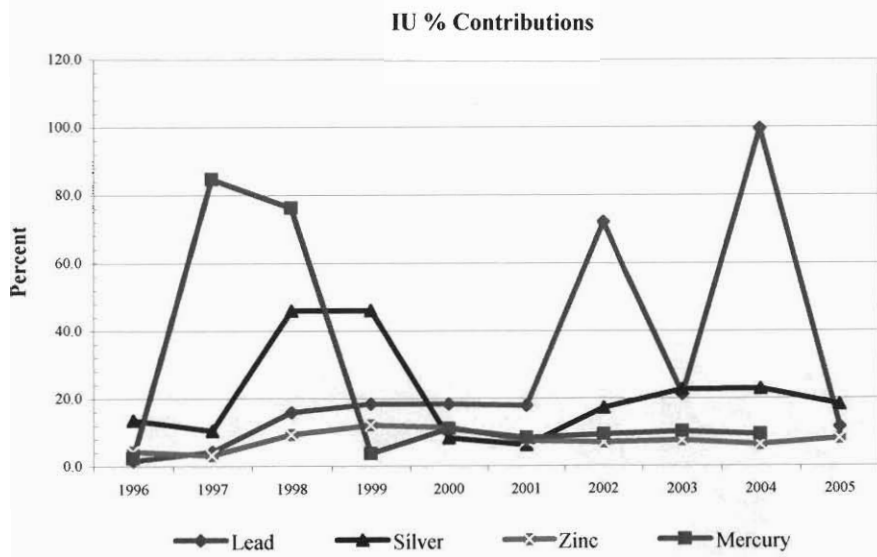
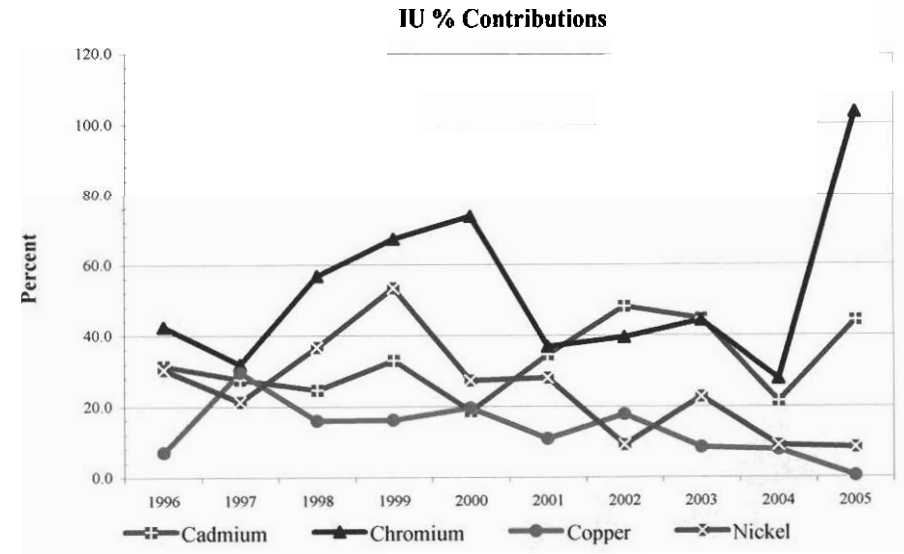
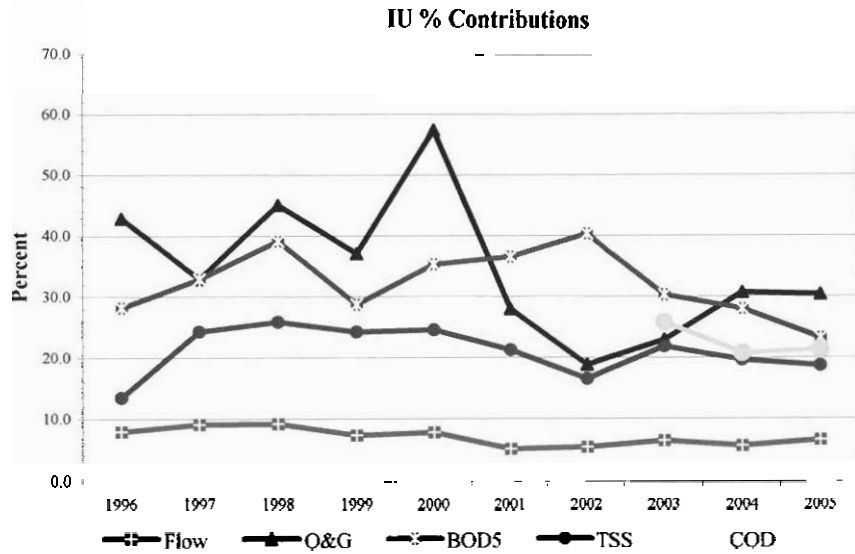


**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 LRWU TOTAL SYSTEM LOADING TRENDS**

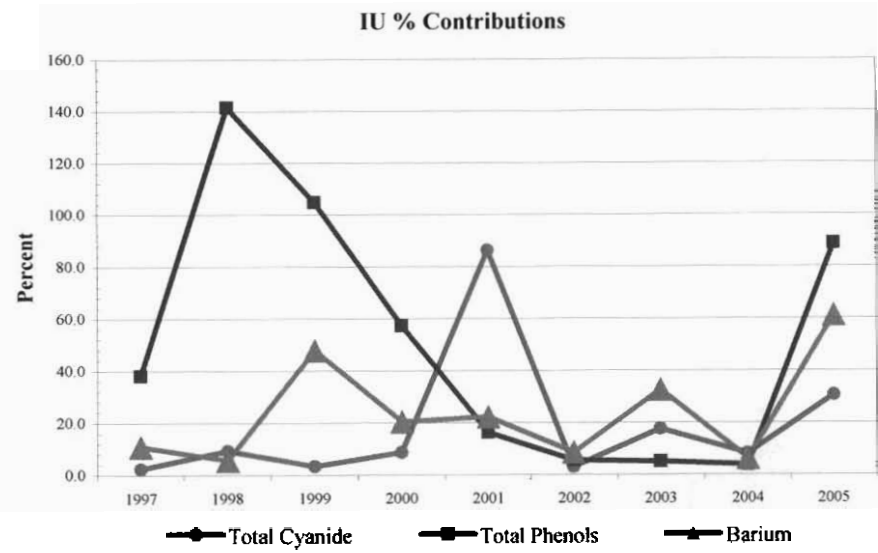
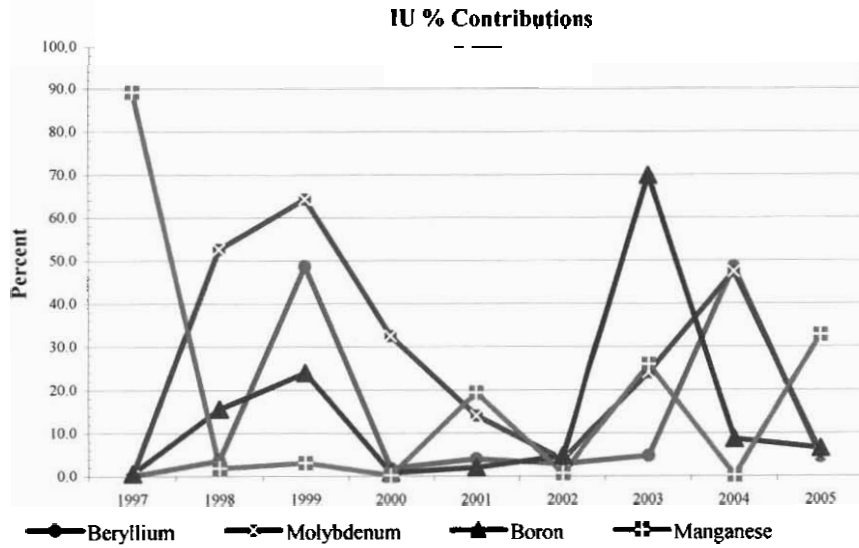


**LITTLE ROCK WASTEWATER UTILITY
ENVIRONMENTAL ASSESSMENT DIVISION
IU PERCENT CONTRIBUTIONS**

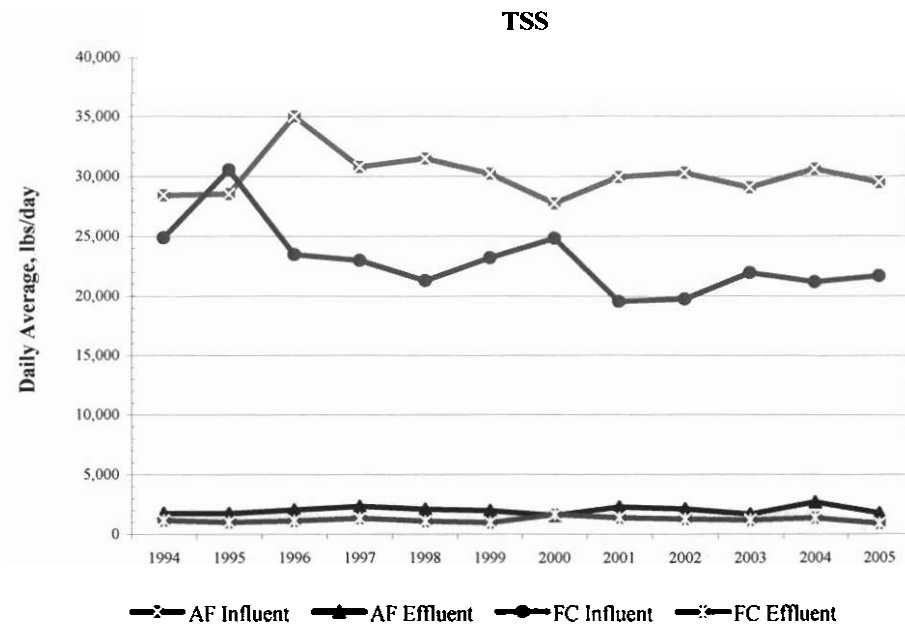
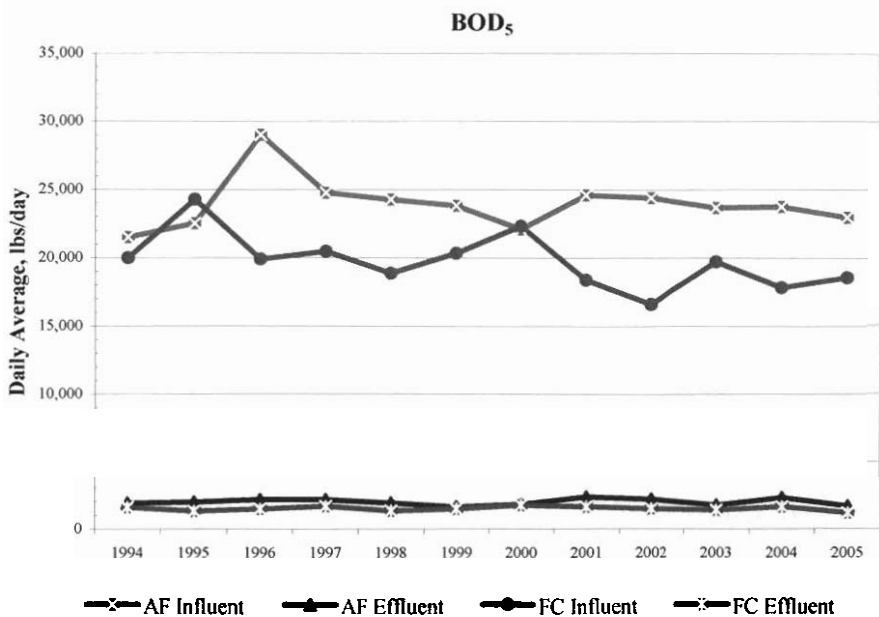
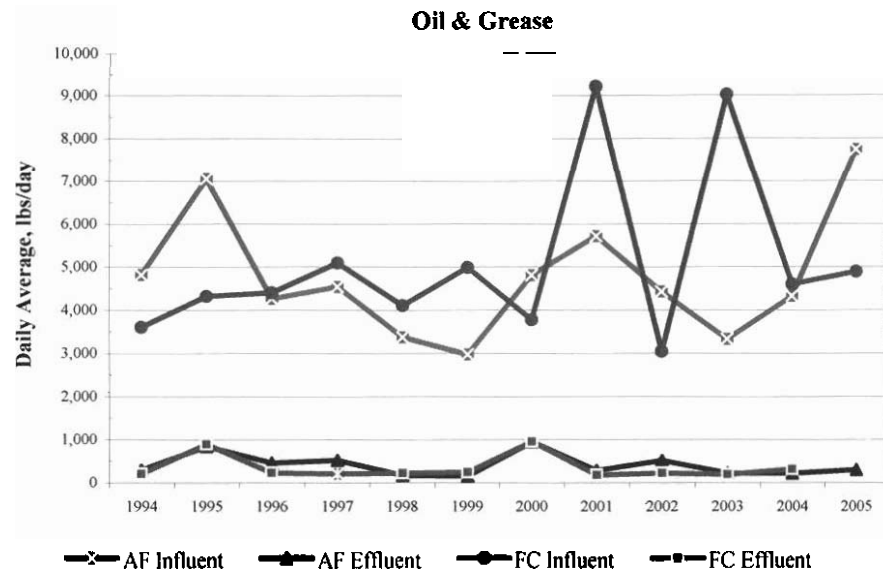
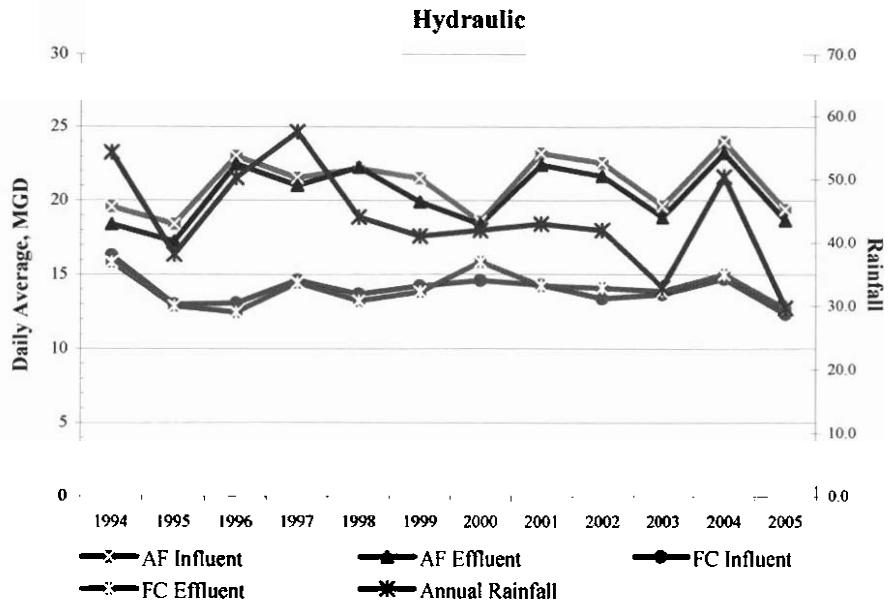
March 17, 2006
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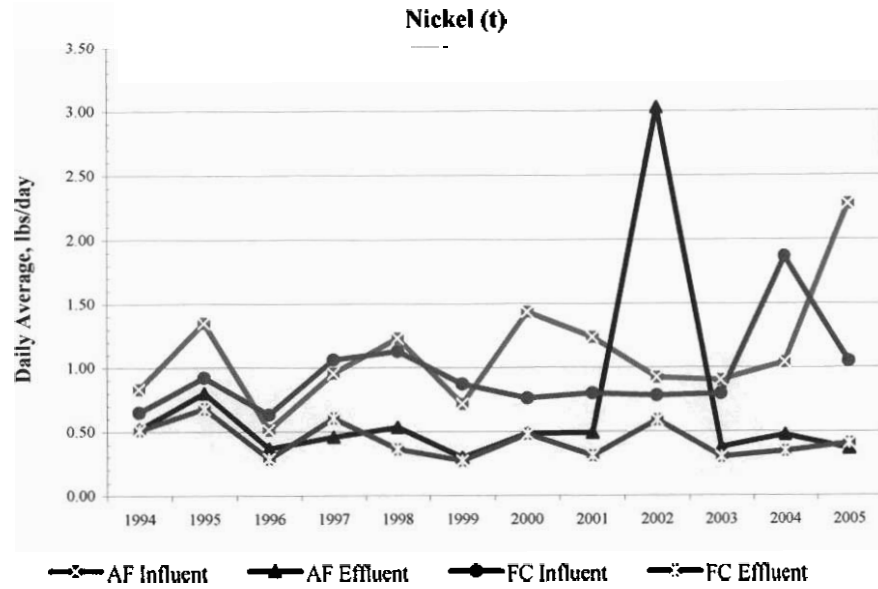
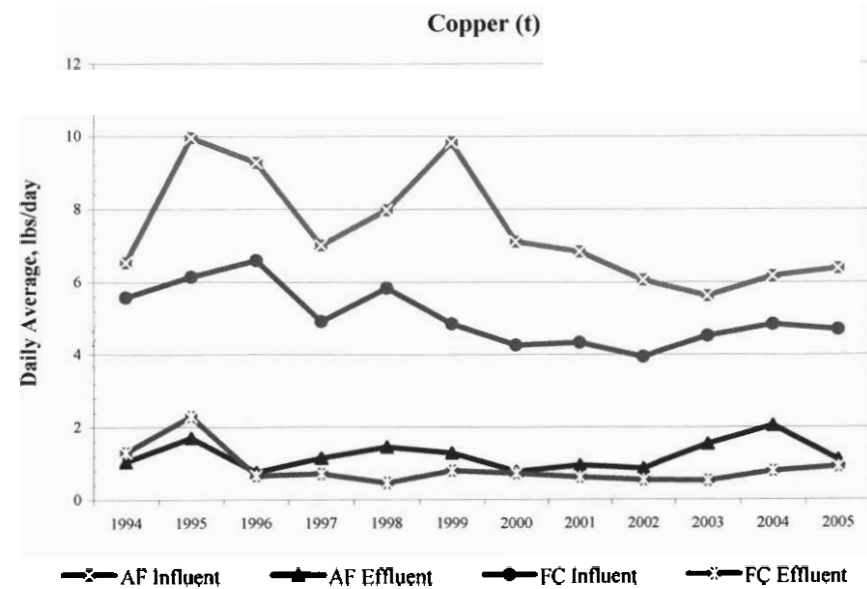
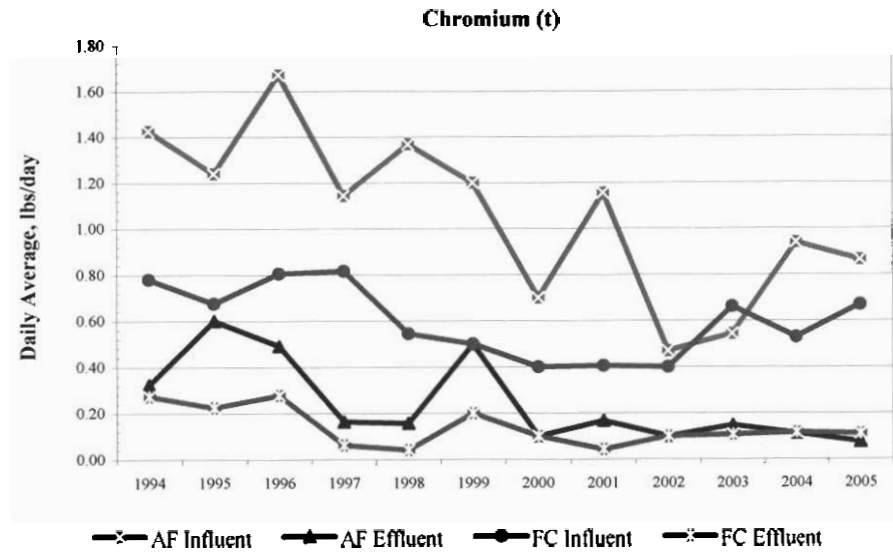
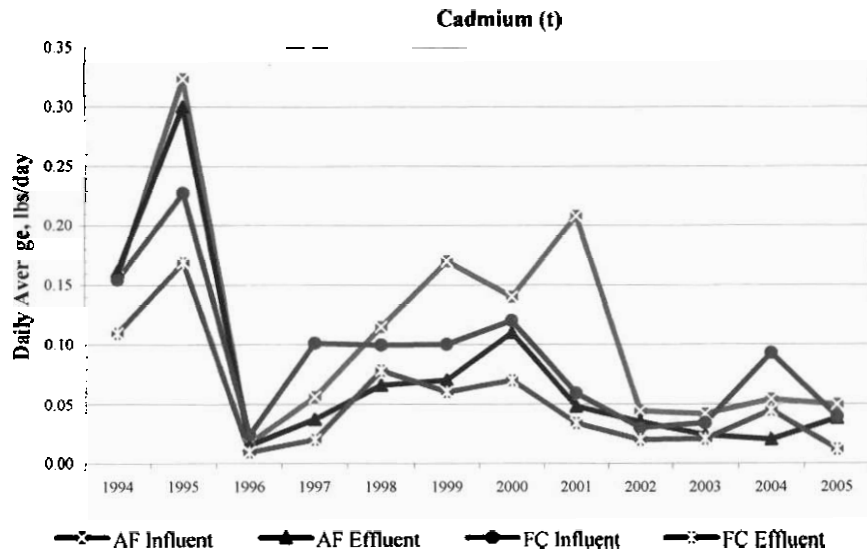
**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 IU PERCENT CONTRIBUTIONS**



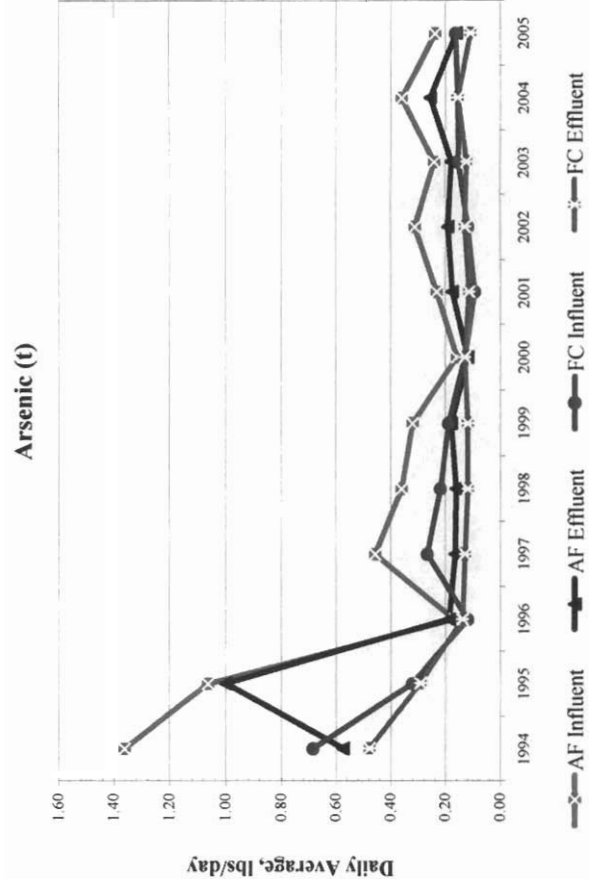
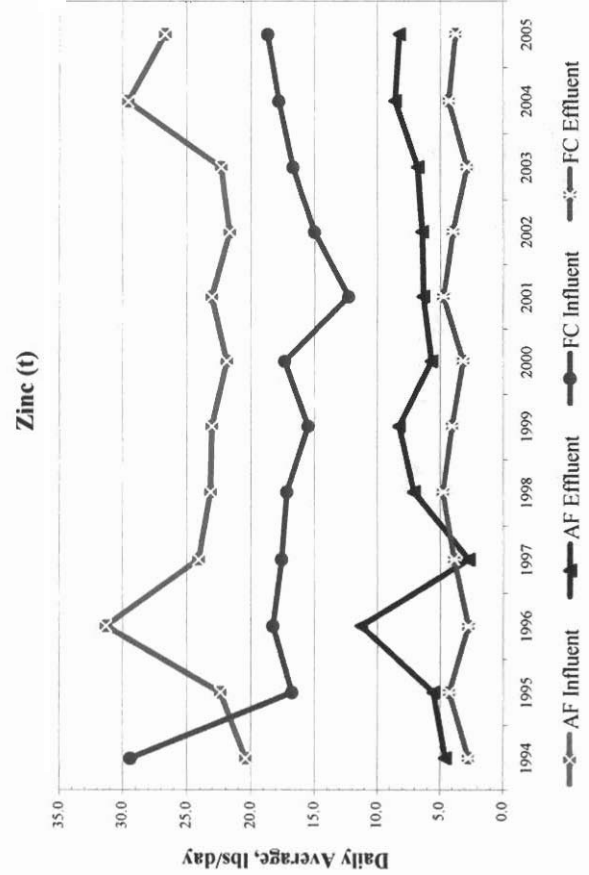
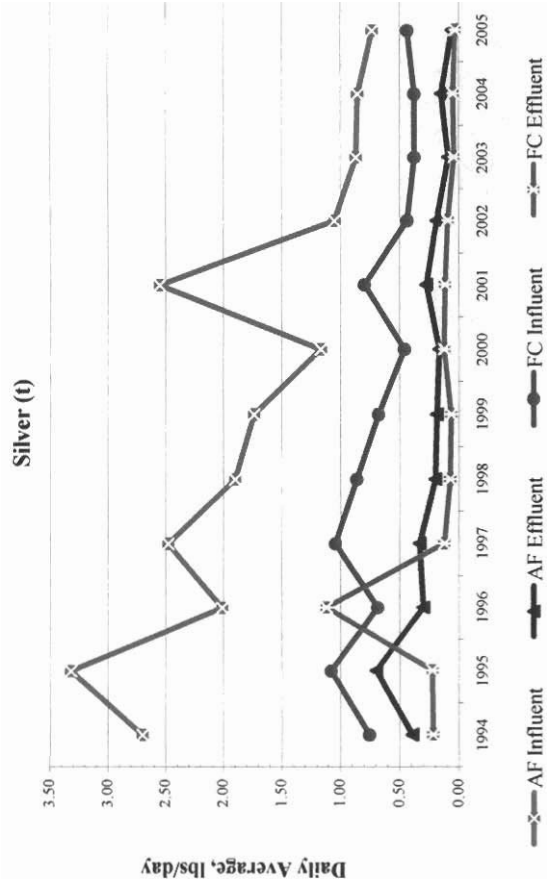
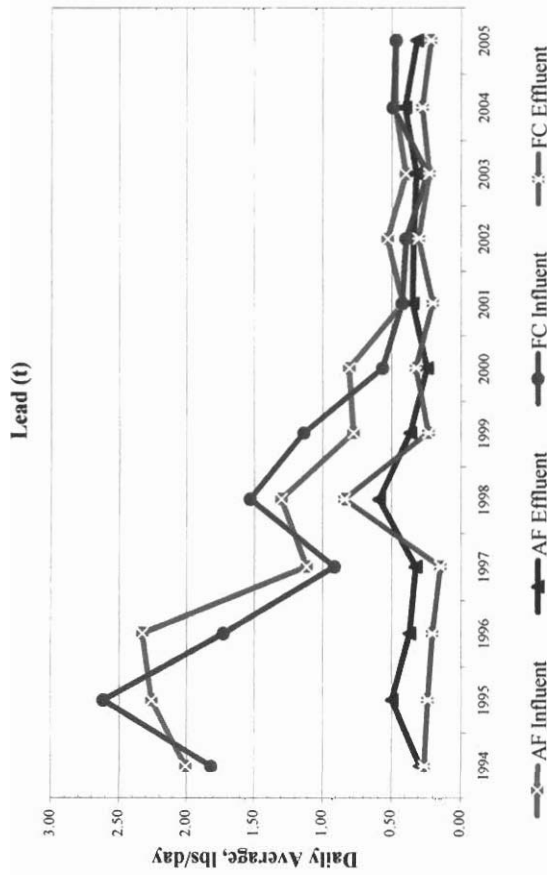
**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 POTW PLANT INFLUENT/FINAL EFFLUENT LOADING TRENDS**



**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 POTW PLANT INFLUENT/FINAL EFFLUENT LOADING TRENDS**

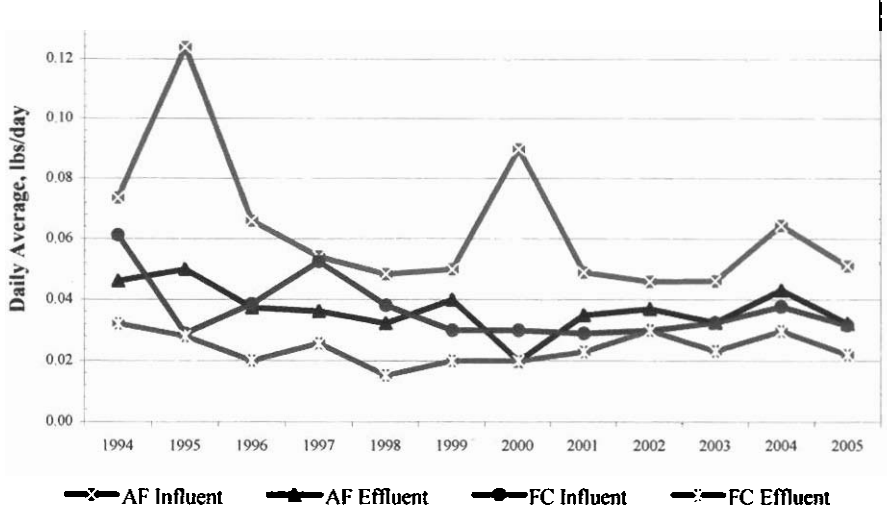


**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 POTW PLANT INFLUENT/FINAL EFFLUENT LOADING TRENDS**

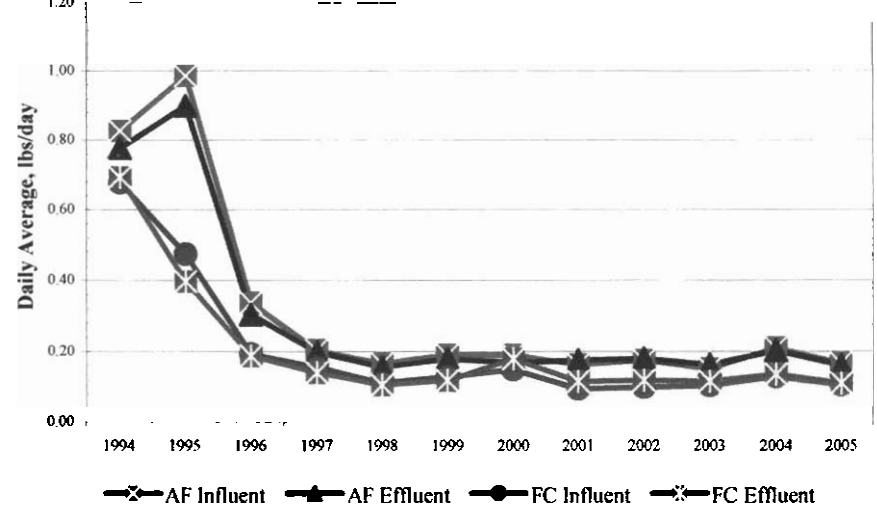


**LITTLE ROCK WASTEWATER UTILITY
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 POTW PLANT INFLUENT/FINAL EFFLUENT LOADING TRENDS**

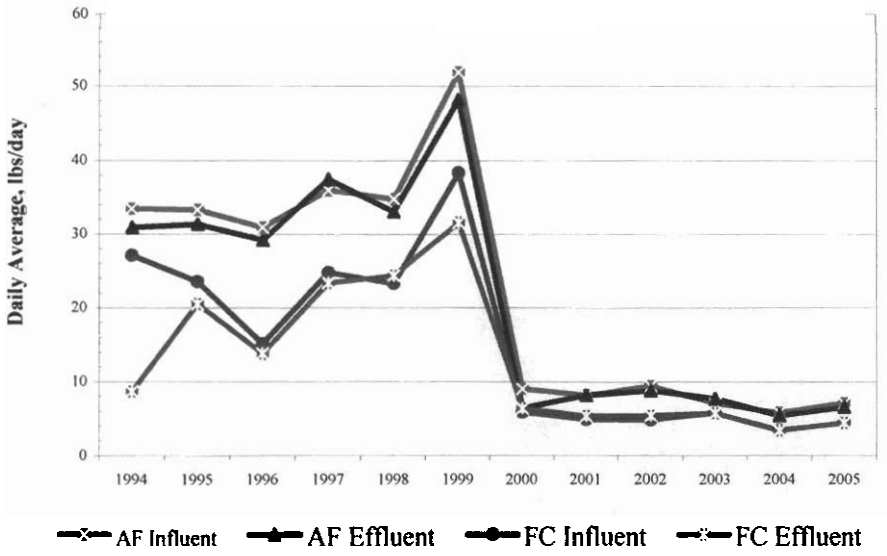
Mercury (t)



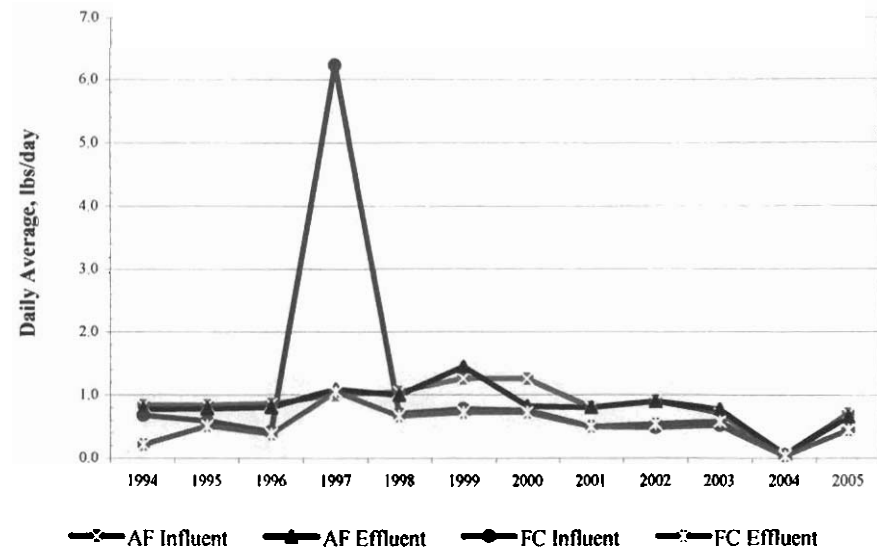
Selenium (t)



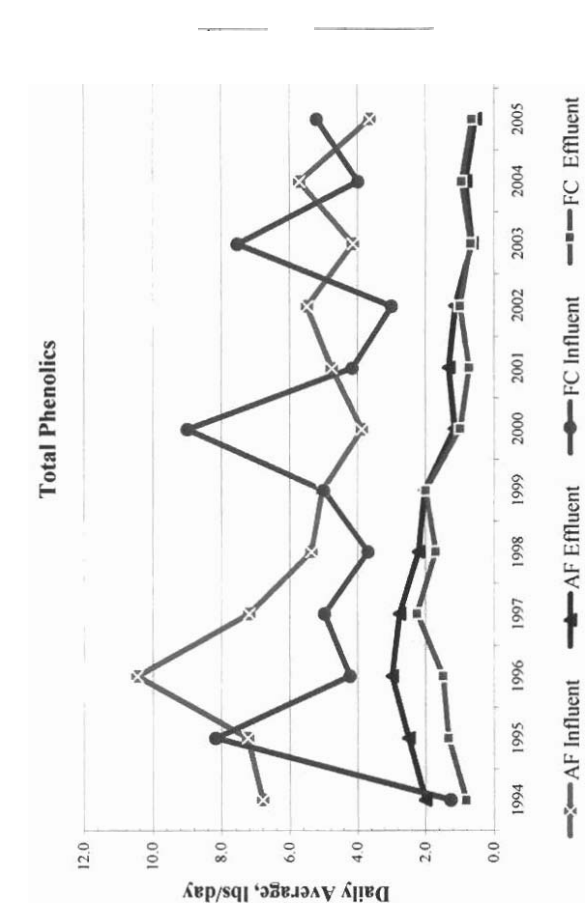
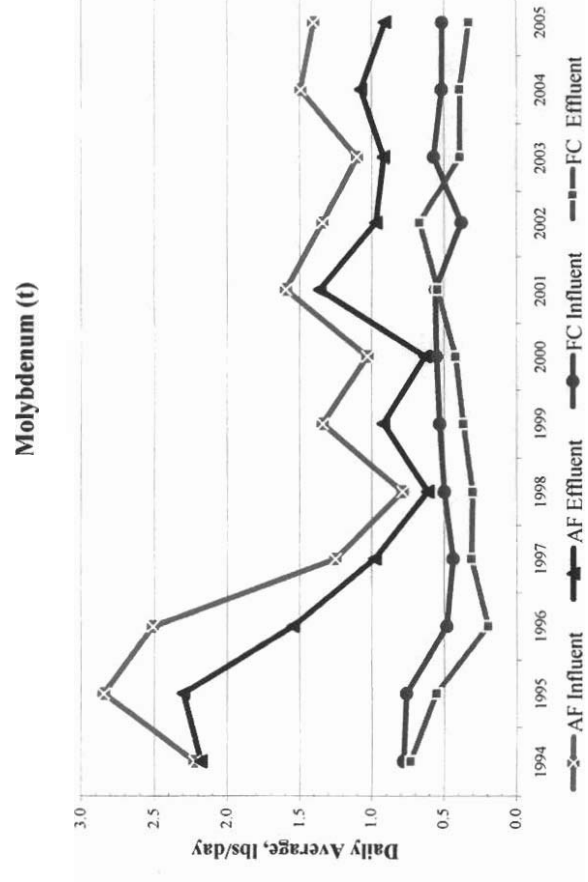
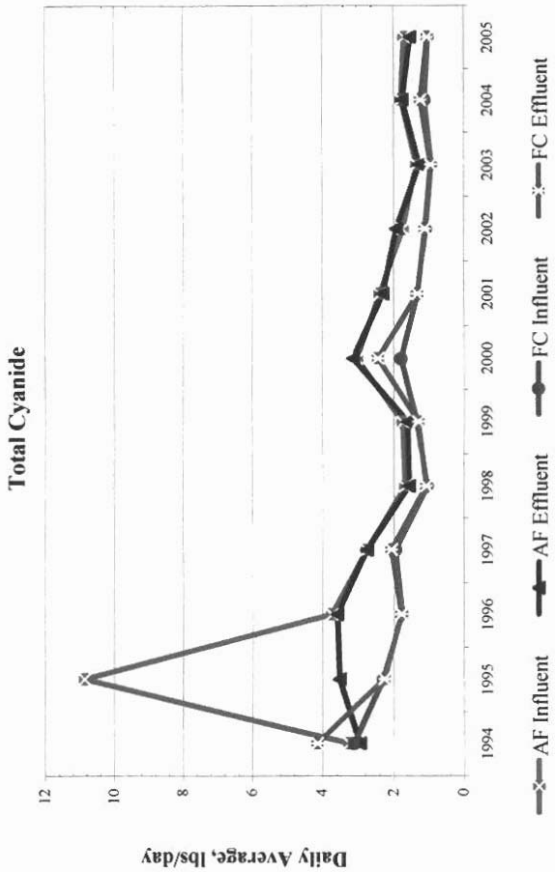
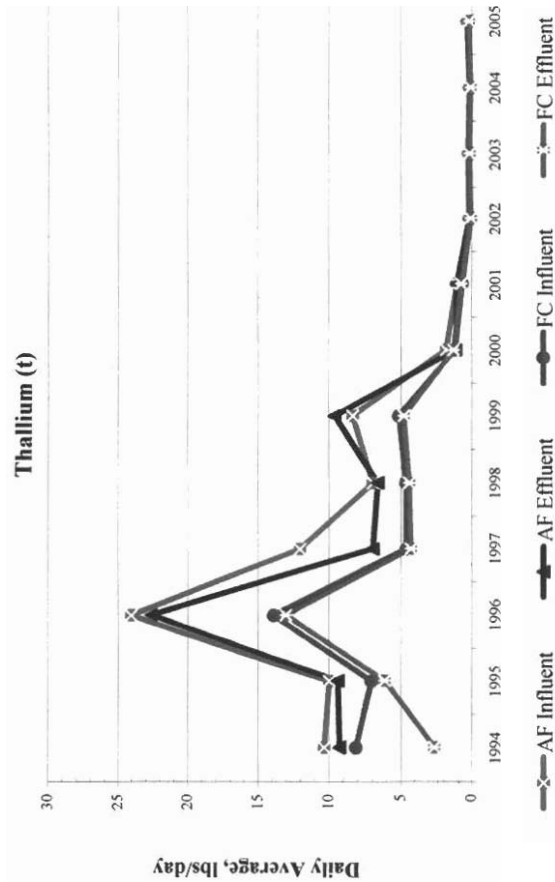
Antimony (t)



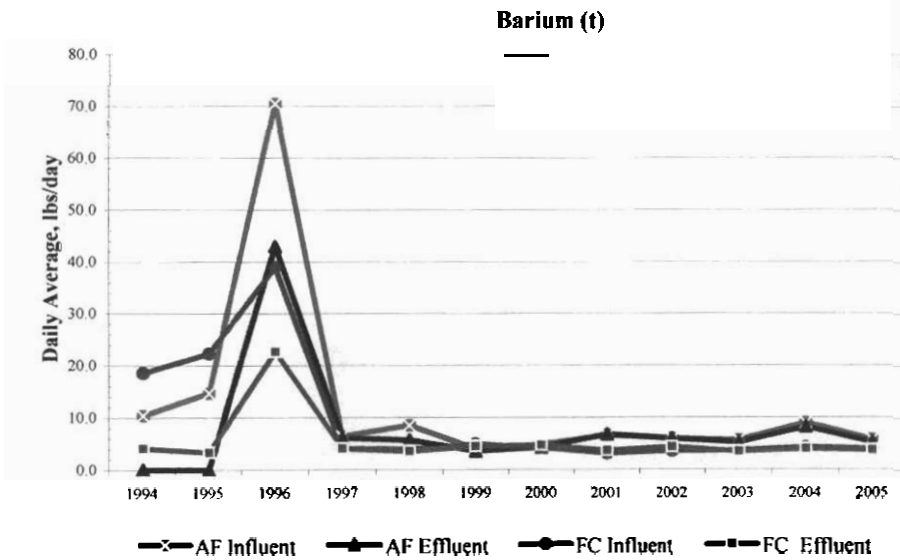
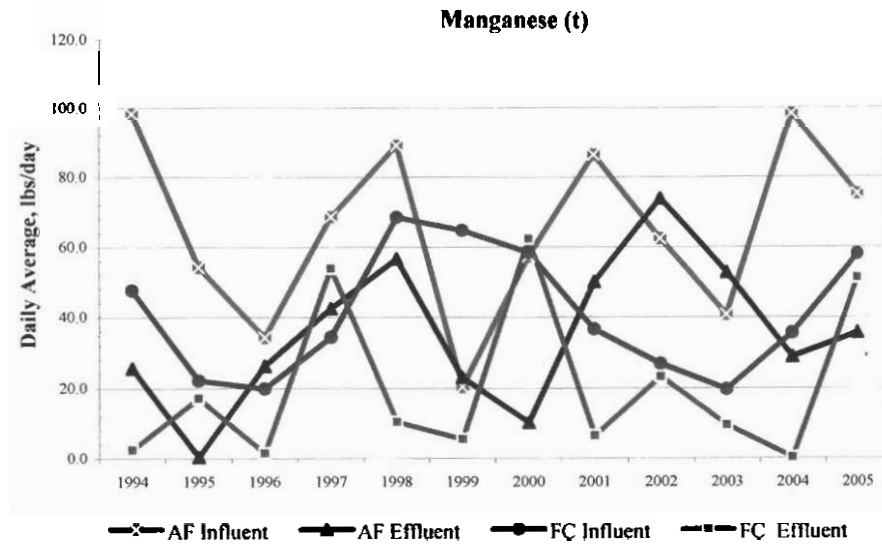
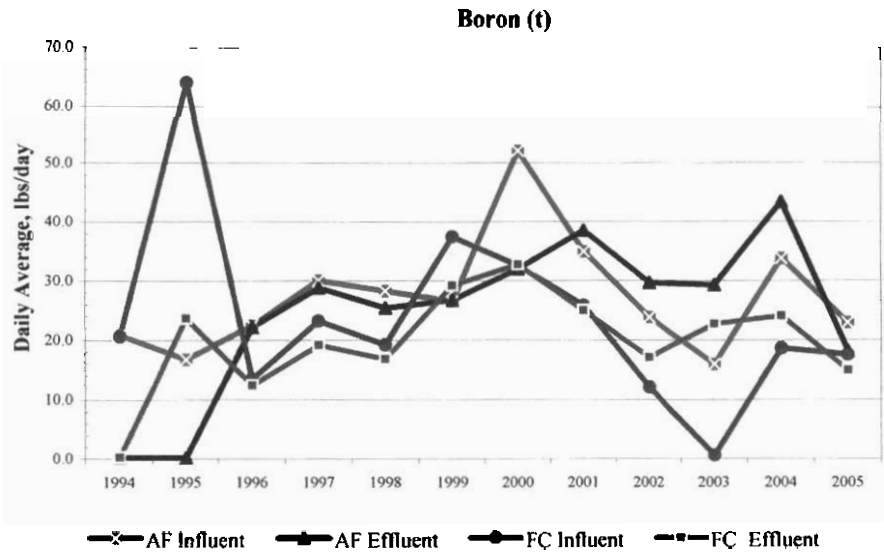
Beryllium (t)



**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 POTW PLANT INFLUENT/FINAL EFFLUENT LOADING TRENDS**



**LITTLE ROCK WASTEWATER UTILITY
 ENVIRONMENTAL ASSESSMENT DIVISION
 POTW PLANT INFLUENT/FINAL EFFLUENT LOADING TRENDS**



BIOSOLIDS 2005
SUMMARY OF ANALYTICAL RESULTS

FOURCHE CREEK SLUDGE ANALYSES

Sludge from both the Adams Field and Fourche Creek Wastewater Treatment Plant's are anaerobically digested at the Fourche Creek Wastewater Treatment Plant (FCWTP). The stabilized biosolids are further treated by lagooning for a period of up to four (4) years. Biosolids are land applied as a soil conditioner/fertilizer on grass farms and pasture lands in Pulaski County, Arkansas. A total of 5144 dry tons of biosolids were land applied during 2005.

Biosolids from Lagoon 3 and 4 were below the ceiling and pollutant concentrations listed in 40 CFR 503. Biosolids from both lagoons met Class A pathogen requirements 40CFR503.32(a)(6). The data collected prior to land application is organized in the following table:

- **FCWTP Biosolids Lagoon Number 3 and 4** - This table includes the required metal test data from 40 CFR Part 503. The metals concentrations were below the 503.13 Table 1 Ceiling Concentrations and the 503.13 Table 3 Pollutant Concentrations. The ceiling concentrations and pollutant concentration limits, where applicable, are included in the table for comparison.

**FOURCHE CREEK WASTEWATER TREATMENT PLANT
BIOSOLIDS 2005-LAGOONS 3 AND 4
METAL ANALYSIS SUMMARY**

Sample Date	Sample Location	Sample Type	Test Parameters - Reported in mg/kg dry											% solids	% volatile solids	pH	
			As(t)	Cd(t)	Cr(t)	Cu(t)	Pb(t)	Hg(t)	Mo(t)	Ni(t)	Se(t)	Ag(t)	Zn(t)				CN-(t)
3/15/2005	046-3-001	Grab	8.1	< 2.4	< 32	368	20	4.8	< 8.1	28.3	4.9	< 8	1187	< 1.3	6.19	52.80	7.46
	046-3-002	Grab	6.1	< 2.3		369	45	3.0	< 7.6	30.3	3.0		1147		6.60	51.33	7.40
	046-3-003	Grab	6.1	< 2.3		389	54	< 3.1	< 7.7	30.7	3.1		1218		6.51	52.59	7.39
	046-3-004	Grab	11.6	< 2.2		401	43	2.9	< 7.2	21.7	5.8		1171		6.91	51.57	7.46
	046-3-005	Grab	9.1	< 2.3		408	38	4.6	< 7.6	22.8	6.1		1193		6.57	50.90	7.44
	046-3-006	Grab	6.6	< 2.5		395	33	3.3	< 8.3	33.2	6.6		1178		6.03	52.25	7.36
	Lagoon 3	AVG	7.9	< 2.3	< 32	388	39	< 3.6	< 7.8	27.8	4.9	< 8	1182	< 1.3	6.47	51.91	7.42
3/15/2005	046-4-001	Grab	7.4	< 2.2	< 30	431	48	4.4	< 7.4	33.3	3	< 7	1221	< 1.5	6.76	51.64	7.35
	046-4-002	Grab	9.9	4.1		396	33	3.3	< 8.3	41.3	6.6		1300		6.06	51.59	7.46
	046-4-003	Grab	10.0	3.3		402	33	3.3	< 8.3	33.3	3.3		1246		6.00	48.90	7.32
	046-4-004	Grab	13.1	3.3		435	41	< 3.3	< 8.2	40.8	6.5		1276		6.12	50.34	7.32
	046-4-005	Grab	9.7	3.2		388	49	< 3.2	< 8.1	40.5	3.2		1274		6.18	50.12	7.44
	046-4-006	Grab	9.3	3.9		374	55	< 3.1	< 7.8	38.9	6.2		1133		6.42	50.87	7.38
	Lagoon 4	AVG	9.9	< 3.3	< 30	404	43	< 3.4	< 8.0	38.0	4.8	< 7	1242	< 1.5	6.26	50.58	7.38

Average	8.9	< 2.8	< 31	396	41	< 3.5	< 7.9	32.9	4.9	< 8	1212	< 1.4	6.36	51.24	7.40
Maximum	13.1	4.1	< 32	435	55	4.8	< 8.3	41.3	6.6	< 8	1300	< 1.5	6.91	52.80	7.46
Minimum	6.1	< 2.2	< 30	368	20	< 2.9	< 7.2	21.7	3	< 7	1133	< 1.3	6.00	48.90	7.32

*Ceiling Conc., mg/kg dry	75.0	85	n/a	4300	840	57	75.0	420.0	100.0	n/a	7500	n/a
*Pollutant Conc., mg/kg dry	41.0	39	n/a	1500	300	17	n/a	420.0	36.0	n/a	2800	n/a

*40CFR Part 503.13 Table 1 and 3 Limits for Land Application

Biosolids analysis were performed using EPA SW-846 test methods for evaluation of solid waste

NUTRIENTS

**FOURCHE CREEK WASTEWATER TREATMENT PLANT
BIOSOLIDS 2005-LAGOONS 3 AND 4
NUTRIENTS ANALYSIS SUMMARY**

Sample Date	Sample Location	Sample Type	Test Parameters - Reported in mg/kg dry							
			Nitrate(NO3)	Nitrite(NO2)	Phosphorus	Potassium	Ammonia as N	Nitrogen	PCB*	TCLP*
March 15, 2005	Lagoon 3-001	Grab	< 5.0	< 5	39000	3000	18000	48000		
	Lagoon 3-002	Grab	5.4	< 5	39000	3200	20000	48000		
	Lagoon 3-003	Grab	< 5.0	< 5	36000	2600	20000	50000		
	Lagoon 3-004	Grab	< 5.0	< 5	38000	3000	20000	53000		
	Lagoon 3-005	Grab	< 5.0	< 5	38000	2800	17000	49000		
	Lagoon 3-006	Grab	< 5.0	< 5	37000	2900	19000	51000		
	Lagoon 3	AVG	5.1	< 5	37833	2917	19000	49833	< 2	Pass
March 15, 2005	Lagoon 4-001	Grab	< 5.0	< 5	35000	2800	23000	51000		
	Lagoon 4-002	Grab	5.9	< 5	40000	3400	20000	54000		
	Lagoon 4-003	Grab	< 5.0	< 5	35000	3000	19000	52000		
	Lagoon 4-004	Grab	< 5.0	< 5	36000	2900	21000	48000		
	Lagoon 4-005	Grab	6.4	< 5	36000	3200	23000	52000		
	Lagoon 4-006	Grab	< 5.0	< 5	36000	3200	19000	46000		
	Lagoon 4	AVG	5.4	< 5	36333	3083	20833	50500	< 2	Pass
	Average		< 5.2	< 5	37083	3000	19917	50167	< 2	Pass
	Maximum		6.4	< 5	40000	3400	23000	54000		
	Minimum		< 5.0	< 5	35000	2600	17000	46000		

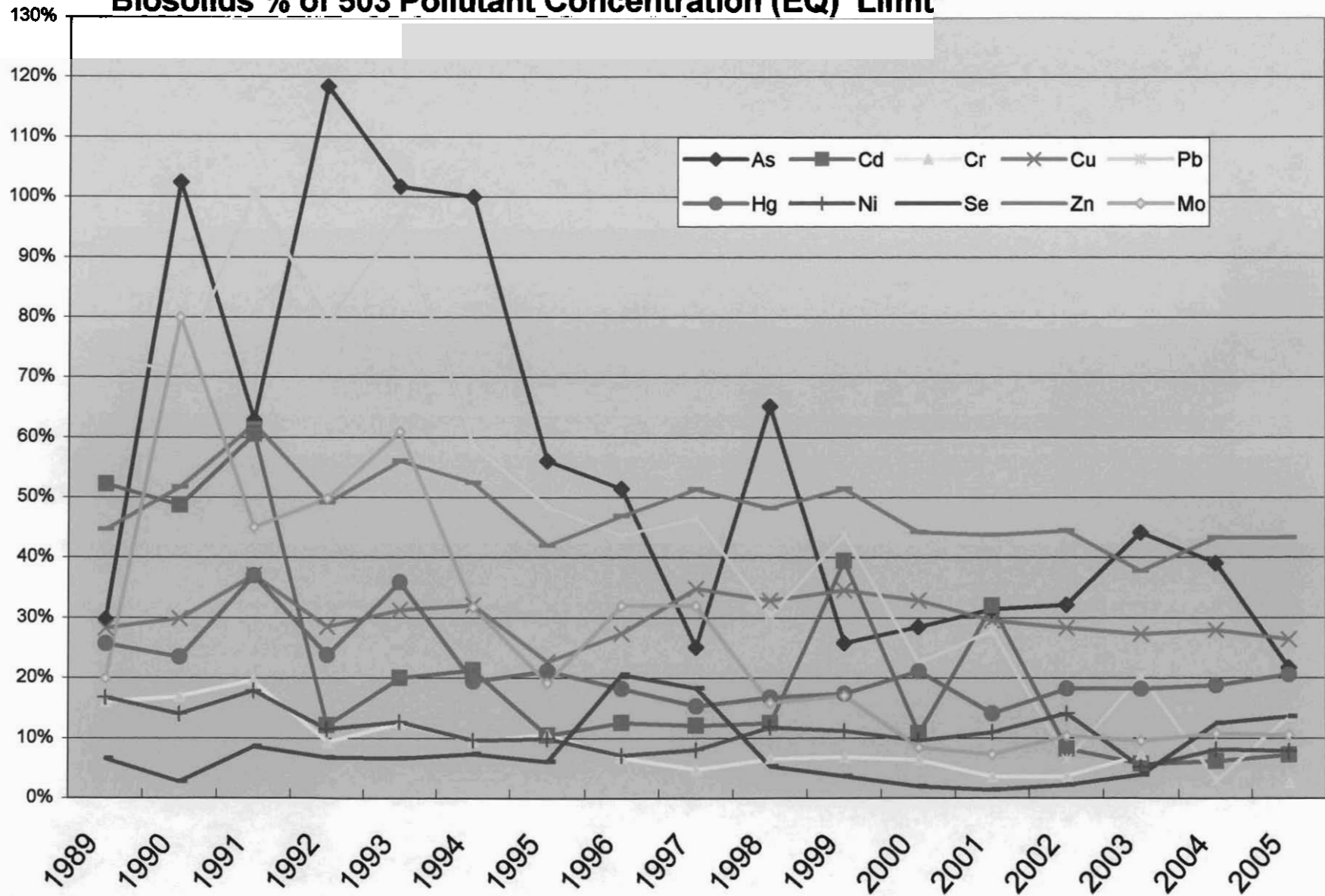
* 503.6(e) 503 does not establish requirements for use or disposal if determined to be hazardous in accordance to 40CFR261.

* 503.6(f) 503 does not establish requirements for use or disposal if concentration of PCBs is equal to or greater than 50 mg/kg dry.

Biosolids analysis were performed using EPA SW-846 test methods for evaluation of solid waste

PCB and TCLP sample for each lagoon was 6 part compoite intergrated by weight.

Biosolids % of 503 Pollutant Concentration (EQ) Limit



CODE SHEET

Annual Report

		<u>CODE</u>
Auditor's Name	<u>Gilliam</u>	
Permit Number	<u>AR 0021806 (AR0040177)</u>	
Period Report Covers End Date	<u>12/31/06</u>	PSED
Start Date	<u>1/1/05</u>	PSSD

PPETS WENDB DATA ELEMENTS

Significant IUs in Significant Noncompliance with Pretreatment Compliance Schedule	<u>0</u>	SSNC
NOV's and A.O.'s Issued Against Significant IUs	<u>8</u>	FENF
Civil and/or Criminal Judicial Actions Against Significant IUs	<u>0</u>	JUDI
Significant IUs with Significant Violations published in Newspaper	<u>1</u>	SVPU
IUs from which penalties have been collected	<u>8</u>	IUPN

COMMENTS:
