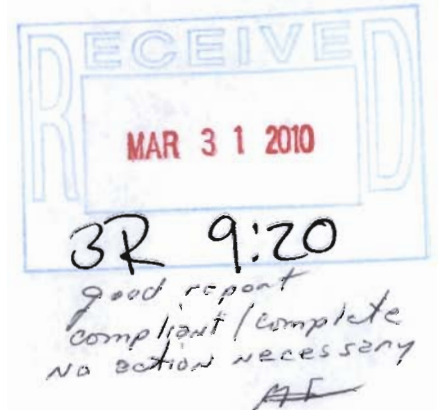




March 31, 2010

Director
Arkansas Department of Environmental Quality
NPDES Enforcement Section
5301 Northshore Dr.
Little Rock, AR. 72118

RE: 2009 Annual Pretreatment Program Report
NPDES Permit AR0021806 – Adams Field WWTP
NPDES Permit AR0040177 – Fourche Creek WWTP
NPDES Permit AR0050849 – Little Maumelle WWTP



Gentlemen:

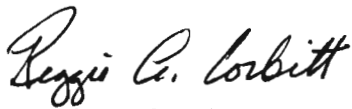
The purpose of this letter is to show compliance with the requirements found in 40 CFR 403.12(i) and the referenced NPDES permits issued to Little Rock Wastewater (LRW). During 2009, LRW continued activities pursuant to maintaining compliance with the General Pretreatment Regulations (40 CFR 403). Enclosed with this letter is the 2009 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 2009, 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 LRW's industrial user list and LRW'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. LRW is also enclosing information on sampling results for influent and effluent wastewater and biosolids as required by our NPDES permits.

If you have any questions concerning any of the information submitted, or require additional information, do not hesitate to contact Stanley Suel at 688-1486, or me at 376-2903.

Sincerely,
LITTLE ROCK WASTEWATER



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

cc: Rudy Molina, NPDES Permits and TMDLs Branch 6WQ-PP, US EPA Region 6
Stanley Suel, Director of Environmental Assessment
Stanley Miller, Manager of Operations
Jeff Davis, Pretreatment Supervisor
Susan Samples Ledbetter, Laboratory Supervisor
Walter Collins, Fourche Creek Superintendent
Perry Thornton, Adams Field Superintendent

**LITTLE ROCK
WASTEWATER**

**2009 ANNUAL
PRETREATMENT
PROGRAM REPORT**

Submitted March 31, 2010

**LITTLE ROCK WASTEWATER
2009 ANNUAL PRETREATMENT PROGRAM REPORT**

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LITTLE ROCK WASTEWATER ENVIRONMENTAL ASSESSMENT DIVISION

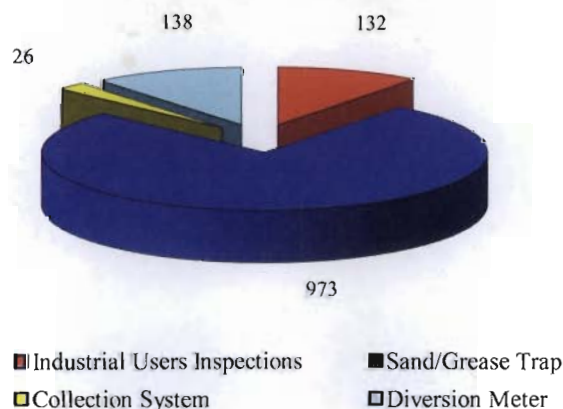
Industrial Pretreatment Program 2009 Accomplishments

Environmental Assessment Division (EAD) carries out the requirements of 40 Code of Federal Regulations Part 403 (40 CFR 403) General Pretreatment Regulations. The 403 objectives are to prevent the introduction of pollutants that interfere with POTW operations and sludge disposal, and prevent introduction of pollutants that may pass through or be incompatible with the POTW system.

In 2009, fifty-four (54) industries, with thirty-six (36) being Significant Industrial User (SIU) status (14 of the 36 were categorical, subject to federal pretreatment standards), held active Industrial Wastewater Discharge Permits. Permits are issued by EAD for controlling industrial wastewater discharges by sampling, inspecting, and tracking compliance with applicable Federal, State, and Local regulations. Permit control documents were issued to eighteen (18) non-SIU facilities for the purpose of controlling and monitoring discharge requirements or short term authorizations.

A total of 1,269 inspections and investigations were conducted at industrial and commercial facilities during 2009. For industry subject to permit requirements, 132 inspections were conducted to evaluate compliance with the EAD Industrial Pretreatment Program. EAD conducted 973 interceptor/trap program inspections at commercial facilities and 26 collection system investigations as measures to control discharge of prohibited solids and O&G. Sand/Grease Trap Inspections identified 70 items requiring corrective action. EAD also oversees diversion meters used for non-sewered flow where users are allowed credit on sewer charges resulting in 138 inspections.

**Environmental Assessment Division
No. of Inspections Performed in 2009**



EAD was successful with addressing industry non-compliance and requiring necessary corrective measures to obtain a return to compliance. During 2009, twelve (12) Violation Reports were completed to track industry violations for a return to compliance. One industry is listed as Significant Non-Compliance for 2009, however the IU has returned to compliance with the process wastewater discharge.

Whole effluent toxicity tests were conducted 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 the required NPDES effluent test dilutions.

Extra strength surcharges for BOD/COD, TSS, O&G, and pH billed during the year of 2009 totaled approximately \$940,599. The City of Little Rock Sanitary Sewer Committee's adoption of the Consolidated Fee Schedule allowed EAD to administer Industrial Pretreatment Program fees totaling \$235,514 (permits/inspection fees, special discharge fees, Trap Control Program). Additionally, Landfill Leachate billing was \$328,473 and hauled domestic liquid waste revenues totaled \$4,470 for 2009 (Funding/Expenditure Report enclosed).

During 2009, Little Rock Wastewater implemented and accomplished several pretreatment program activities as listed below.

Program Development

- Shannon Hills ceased all wastewater flows to the LRW collection system. Wastewater from this area was under a multijurisdictional agreement with LRW. Multijurisdictional agreement with LRW is no longer in effect. EAD reported to ADEQ that Shannon Hills has notified LRW that wastewater is no longer discharged to the LRW system. Connections have been disabled.
- The Memorandum of Understanding between EPA, ADA and NACWA concerning mercury from dental amalgam was received by email from Allen Gilliam, ADEQ. Review of this document indicates the dental community agrees to remain active with Best Management Practices as a voluntary program. Regulatory requirements at the local level will be enforced only for specific circumstances.
- RCRA Hazardous Waste Notification Procedures were evaluated to respond to ADEQ requirement to notify sectors of 40CFR403.12(p) requirements. IU Survey 2009- ADEQ Hazardous Waste Generator list for the city of Little Rock facilities was retrieved from ADEQ's website. Using the list, Industrial Users were identified as requiring notification from LRW that they are Hazardous waste generators and are required to notify LRW. The following work was conducted to prepare for possible hazardous waste notification mail out:
 1. EAD's RCRA notification Statement was edited to include user notification must also be made to EPA and the State.

2. Revised EAD's Permit Application to require RCRA information.
 3. Revised Permit Application Cover Letter to include RCRA Statement.
 4. Conducted research into Federal Register Volume 55 Number 142 regarding Notification Requirements (40 CFR 403.12(p)).
 5. Conducted research into fedcenter.gov website containing a Hazardous Waste Identification Flow Chart detailing what is and is not a solid waste and a hazardous waste.
- Staff attended the 78th AWW-WEA Short School and Conference in Hot Springs. Jeff Davis provided a presentation on LRW Pretreatment Investigations. John Bailey, ADEQ, request a copy of the power point presentation. Stanly Suel corresponded back to Mr. Bailey and agreed to send three emails that included the following:
 1. EPA Region VI memo- User charge systems requirements for POTWs
 2. PowerPoint presentation to LRSSC
 3. PowerPoint presentation to AWW&WEA conference
 - Jeff Davis attended Manager Seminar held in Hot Springs.
 - EAD Inspectors attended *Effective Time Management* Training courses.
 - EAD staff attended *Microsoft Office SharePoint Server* training.
 - EAD Pretreatment staff attended EPA Webinar that discussed strategic plan to revitalize communication and awareness of P2. "Promoting Pollution Prevention to Achieve Sustainability: A Strategic Plan for the U.S. Environmental Protection Agency's Pollution Prevention Program, 2009-2014".
 - Cornelius Jones, Inspector, attended the Wastewater II License Class at ARWA in Lonoke AR and received his Class II Wastewater Operator License
 - Allen Gatlin, Inspector, attended the Wastewater III License Class at ARWA in Lonoke AR and received his Class III Wastewater Operator License
 - IPP staff attended Hansen 8 Permits and Code Enforcement demonstration via WebEx. Staff attended meeting regarding the implementation of Hansen 8 and how EAD could use the Code Enforcement pack for Hansen 8.
 - *EPA Region VI Pretreatment Conference* in Addison, TX., was attended by Jeff Davis, Stanley Suel and Allen Gatlin. Jeff Davis was Vice Chair for the Association Board in 2009. Region VI includes Texas, Arkansas, Louisiana, New Mexico, and Oklahoma.
 - Biosolids disposed in 2009 were Class A Exceptional Quality. The Pretreatment Program is preventing pollutant level impact on biosolids.(see Section VIII)
 - Staff reorganized the IU inspection assignments, FOG Zip code inspections and Diversion Meter inspections for 2009 assignments due to reducing staff from 4 to 3 inspectors.

Industrial Relations

- In 2009, EAD mailed out Excellence Certificates to 40 permitted industrial users for perfect compliance during the year 2008.
- Special permitting in 2009:
 - i. New Significant Industrial User Permit was issued to Sage V Foods.

- ii. New Significant Industrial User Permit was issued to Porocel Corporation. The IU was reclassified as significant due to pollutants of concern. The RSTA approval for hauled wastewater was closed.
 - iii. Griffin Industry contacted LRW about the acquisition of Darling International on Thibault Rd. LRW completed the review of Griffin Industries request to obtain transfer of Industrial Wastewater Discharge Permit S-69, issued to Darling International facility located on 4611 Thibault Road. Notices of transfer were received. All items met LRW approval and the transfer of Permit S-69 to Griffin Industries was accomplished.
 - iv. Wes Pak, Inc. The facility has removed the two flexographic presses, which used ink for application on cardboard products, and no longer conducts printing of any kind. With the removal Permit #N-01 is closed.
 - v. Arkansas Heart Hospital status changed to SIU due to flow of 25,000 gpd.
 - vi. Restricted Short Term Authorization (RSTA) was issued to Delta Plastics for discharging 48,410 gallons of plastic molding cooling water retained in recirculation pits at the Deceuninck facility. Delta Plastics purchased the facility and will manufacture irrigation pipes. Deceuninck paid the RSTA discharge fees. LRW approval was based on site visit and analytical data.
 - vii. A Restricted Short Term Authorization was issued to Arkansas Portable Toilets for the discharge of the River Fest Portable Toilets to the Adams Field Treatment Plant. A count of loads received will be logged and an invoice for the disposal will be generated.
- LRW received correspondence from Mountain Pure Water requesting credit due for sewer charges. The IU has not met the sewer or diversion meter requirements for credit. Show Cause Hearing was held for Mountain Pure Water on May 13, 2009. Mountain Pure had failed to make payment of sewer billing. As required in the LRW Order on the Show Cause Hearing issued July 24, 2009, installation of representative sampling point and wastewater flow measurement system (sewer meter) has been completed by Mountain Pure Holdings, LLC. In accordance with the order, LRW is taking readings of the CAW water meter and sewer meter to develop a monthly ratio.
 - Due to a malfunction of the total flow wet well, Welspun Tubular requested approval to haul wastewater to the WWTP. LRW directed actions to allow Welspun to haul wastewater to FCTP on short term to allow the IU to stay in operation and prevent sewer overflow. Welspun pumps were back in operation the following morning.
 - Welspun Tubular submitted a letter stating the spiral mill cooling tower is not subject to 40CFR420 pretreatment standards. The letter states no change in rolled steel thickness or properties occur at the cooling water contact located at the ultrasonic testing station. LRW notified Allen Gilliam, ADEQ, concerning change in categorical determinations and related correspondence for Welspun. LRW delisted Welspun as a 40CFR420 Iron and Steel industry. Welspun remains a categorical IU due to 40CFR433 Metal Finishing applicability. Allen Gilliam, ADEQ, stated he agreed.

- EAD participated in a non regulatory inspection conducted by Audrey Miller, Pollution Prevention Coordinator ADEQ Public Outreach & Assistance Division and Andrea Hopkins, ADEQ Business Assistance Inspector. This inspection was to assist Little Rock Powder Coating in resolving difficulty in understanding permit requirements for wastewater disposal.

Industrial Compliance

- For 2009, Interstate Signways was in Significant Noncompliance (SNC) as defined by 40CFR403. The industrial user has returned to compliance. Compliance Enforcement Action requiring corrective measures and return to compliance monitoring during 2009 was conducted for all pretreatment standard and local limit violations listed in the table below:

Reported Pretreatment Violations

IU	Sample Date	Monitoring Type		Test Parameter	Reported Value	Violation of Max. Limit	
		LRW	Self			Daily	Monthly
Good Old Days Foods	10/15/09	X		pH	4.63 S.U.	≥5.0- ≤2.0	N/A
Interstate SignWays	2/2/09	X		CN(t)*	1.848 mg/l	1.20 mg/l	.65 mg/l
Interstate SignWays	5/7/09	X		CN(t)*	1.405 mg/l	1.20 mg/l	.65 mg/l
Porocel Corporation	06/15/09	X		Hg	0.004 mg/L	0.002 mg/L	0.002 mg/L
Porocel Corporation	11/30/09	X		Zn	2,600 mg/L	5.0 mg/L	4.8 mg/L
Sage V Foods	6/10/09	X		pH	4.91 S.U.	≥5.0- ≤2.0	N/A
Sage V Foods	9/15/09	X		pH	4.94 S.U.	≥5.0- ≤2.0	N/A
Sage V Foods	9/17/09	X		pH	4.73 S.U.	≥5.0- ≤2.0	N/A
Sage V Foods	8/27/09	X		Temperature	57.0 °C	54.4 °C	N/A
St . Vincent Med Center	8/25/09	X		pH	3.70 S.U.	≥5.0- ≤2.0	N/A
Welspun	3/3/09	X		pH	2.64 S.U.	≥5.0- ≤2.0	N/A
Welspun	3/4/09	X		pH	4.66	≥5.0- ≤2.0	N/A

*Daily Average Technical Review Criteria (times 1.2) was also violated.

*Monthly Average Technical Review Criteria (times 1.2) was also violated.

1. Good Old Days Foods had a pH violation in October 15, 2009. The cause of the violation was failure to adequately add neutralization chemicals. The IU returned to compliance once flow increased and allowed equalization and chemical neutralization.
2. Interstate Signways had CN(t) violations on February 2, 2009 and May 7, 2009. Site inspection was conducted to discuss the facilities violations and possible solution. The facility underwent a chemical change in their batch treatment process which resulted in an increased cyanide concentration. Interstate SignWays changed coagulants and reduced the cyanide in their process. Two return to compliance samples were achieved. A Notice of SNC was listed in the newspaper public notice during the month of March 2010.

3. Porocel Corporation had a Mercury violation on 6/15/2009 upon completion of annexation to Little Rock and connection to the LRW collection system. Mercury waste generated from cleaning glassware in the facility lab (Porosimetry testing) was held in a private septic tank that was connected to the total flow outfall of the facility. Porocel has since changed procedures and collects all liquid waste from this method of testing to haul off as hazardous waste.
4. Porocel Corporation had a Zinc violation on 11/30/2009 that occurred due to a malfunctioning air scrubber system. Catalyst product (alumina) and zinc oxide, overloaded the air scrubber filter bags and discharged with scrubber wastewater into collection tanks and private pump station. No alumina sand was detected in downstream manholes. Additional filters have been placed in service to remove product from the waste stream as well as alarms in both holding tanks to prevent the discharge of heavy solids. As a result of the violation, and magnitude, the facility has been re-classified as a Significant Industrial User and zinc sampling has been increased to once/quarter. Notice of violation mailed.
5. Sage V Foods had pH violations on 06/10/09, 09/15/09, and 09/17/09 due to malfunctioning pH neutralization pumps. Returns to compliance had been obtained in all instances. New pumps had been purchased to include a back-up system in the event of further trouble.
6. Sage V Foods violated City of Little Rock Ordinance #19,895 on 8/27/09 regarding the discharge of liquid waste exceeding a temperature higher than 130 °F (54.4 °C). The facility was experimenting with different temperatures in the cooking process that resulted in a violation of temperature. The facility has returned to compliance.
7. St. Vincent Med Center had a pH violation on August 25, 2009. No cause for the violation could be identified by the user. Follow up sampling showed a return to compliance.
8. Welspun had pH violations on March 3, 2009 and March 4, 2009. Returns to Compliance samples were achieved. Corrective actions were made to pH adjustment equipment at the Coating Mill pre-treatment operation.

Inspection, Investigations, and IU Surveys

- Permitted facility investigations requiring corrective actions for compliance:
 1. ADEQ notified LRW of flooding that occurred at Tire Curing Bladders, LLC. Due to heavy rains flooding entered open levee storm water gates, into the facility and filling sump pits under the hydraulic presses. This resulted in a significant release of hydraulic oil, estimated at 2,000 gallons to the environment. LRW issued an authorization for the treatment and discharge of the contained flood water to the sanitary sewer.
 2. Porocel connected to the sanitary sewer system and installed a meter to report sewer flow. An NOV was mailed to the IU to have the meter calibrated as

- required by permit. The IU provided a calibration certificate as corrective action.
3. EAD monitoring in November 2009 at Porocel Corporation revealed a discharge dark grey in color and heavy solids content. Porocel was advised of the discharge and possible NOV. IU reported the Tri-Mer NO_x air scrubber system was taken offline due to the filter bags rupturing, and causing a buildup of alumina dust clogging the collection tanks. During this maintenance, pumping and isolating water to one tank caused the solids to mix and discharge to the sewer. EAD Staff met with representatives of Porocel to discuss a recent violations of Zinc(t) at 2,600 mg/L, and slug loading exceeded Daily Maximum and Monthly Average limits. Corrective actions were required and submitted in writing by Porocel detailing additional filters to be put in place to prevent excessive solids discharge, BOD (42,330.0 mg/L) and TSS (24,857.1 mg/L). The IU reported on the day of the violation they were shut down due to problems with processes and only discharged <500 gallons water to clean out solids from the collection tank and correct problems. Follow-up inspection was conducted at Porocel to assure corrective actions were installed on the pretreatment devices prior to start-up of production. A sampler was set up to obtain results for Return to Compliance. EAD mailed a Notice of Violation (NOV) letter to Porocel. As a result of the violation, Porocel was notified in the NOV letter of their permit classification change from Non-Significant Industrial User to Significant Industrial User.
 4. Sage V Foods began operations and was issued a permit for discharge to the sanitary sewer. This discharge permit required a sewer meter for process flow measurement. An NOV was mailed to the IU to have the meter calibrated as required by permit. The IU provided a calibration certificate.
 5. During take-off of a sampler at Sage V Foods, a temperature reading at Outfall 2 (total flow) was 57 ° C (135 °F), a violation of Part III (N)(2.5) of their Industrial Wastewater Discharge Permit. A temperature reading was taken at the LR Port Authority Pump Station immediately, verifying that the discharge was not a violation of the limit set for the POTW Influent or pumping station wet well of 40 ° C (104 °F) with a result of 39 ° C (102 °F) (no violation). A call was placed to Frank Spieldenner, Maintenance Manager, who stated that they were experimenting with varying temperatures within the process. Mr. Spieldenner stated they would discontinue their experimentation.
 6. EAD sampling from Coleman Dairy returned a 20,162.5 mg/L BOD. This discharge coincided with an organic slug loading event that occurred at FCTP beginning August 3, 2009. The IU was contacted and did not identify the reason or source of the high BOD value. This Coleman BOD value is more than five times the average twenty-four (24) hour concentration resulting in a violation of Part III Prohibited Discharge Standard (N)(2.4) of Industrial Wastewater Discharge Permit #S-17. A Notice of Violation (NOV) letter to Coleman was mailed.
 7. On August 4th, a pH spike below 6.0 S.U. was noted at the FCTP headwork's (influent) that started around midnight and continued throughout the morning hours. A pH sample was taken at the Port Authority Pump Station and the

College Pump Station with no readings below 6.0 S.U. FCTP Superintendent advised based on flows and pump cycling, the potential slug came from the College Pump Station. Calls were placed to contributing IUs to inquire about any changes or occurrences. All reported no changes or disruptions. A sampler was set up at Welspun Tubular and a demand inspection conducted to review pH meter reading logs. No readings were noted on the log below 6.0 S.U. The pH meter at the headworks for FCTP was re-calibrated.

8. On Saturday (8/1/09 at 5:40 a.m.), Pretreatment Supervisor responded to report that FCTP SCADA was showing several continuous pH spikes above 9.0 for the FCTP influent (4:45 a.m. pH 9.39 S.U., 5:53 a.m. pH 9.5 S.U.). These spike events indicated the flow was from the Port Pump Station pump cycles. Port P.S. was tested with pH paper and it showed an elevated pH. Port P.S. was shut down as a precaution. LRW entered Sage V Foods (6:00 a.m.) and found the pretreatment system in operation with a pH of 6.5 S.U. However it was noticed the caustic (sodium hydroxide) feed tank was empty. Jeff Davis met with Frank Spieldenner, Maintenance Manager, who stated he recalled the caustic feed tank to be half full on Thursday and said it should not be empty. He agreed that since the feed tank was empty and LRW had experienced high pH there had probably been a slug discharge. EAD pH measurement of the Port P.S. showed it had returned to 9.25 and the P.S. was reactivated. Plant influent pH returned to normal levels. Sage V Foods corrective actions have been implemented and submitted in writing.
9. Pretreatment Supervisor was notified of a drop in pH at the FCTP Headworks (Influent) and believed there was an industrial slug, starting about 12:00 PM August 25th and continuing through August 26th. All pump station sources provided pH values above 6.5. There is no known contributor causing a drop in the influent pH noted at this time. Flow to FCTP was less than 1 MGD due to Arch St. P.S. shut down. EAD calculated flow in the force main between College P.S. and FCTP had above 24 hr detention time causing septic conditions and pH drop.
10. News media has reported public complaints that Landfills are receiving drilling mud and applying on surface of landfill cells. Adams Field WWTP receives leachate from Two Pines (hauled) and BFI, both are receiving the mud. Contact was made with Lisa Rotenberry, Market Area Environmental Manager, Waste Management, over the acceptance of drilling mud at Two Pine and Jefferson County Landfill's. Ms. Rotenberry advised that the drilling mud waste was not used as cover and only disposed of as trash. According to Ms. Rotenberry, they have never used the waste as cover and have been talking with the state to show how environmentally conscious Waste Management is regarding the waste. Typical landfill permit requirements include total metals, TCLP, and priority pollutants, volatiles and pesticides only. Drilling mud typically consists of diesel products and most diesel products contain naphthalene, which is not currently on the permit requirements list. Frac water typically contains high levels of Barium and TCLP testing has a limit on Barium at 100 mg/L. Landfill permits may be

- altered to include a full TTO scan that will cover naphthalene and other possible constituents of diesel products for leachate disposal.
11. BFI Landfill reported they had used the diesel-based drilling mud as cover for the landfill. Legal actions removed restrictions on acceptance of the drilling mud and BFI has been approved by both the City of Little Rock and ADEQ to accept the waste; however, currently no application is conducted. Possible permit modifications are pending if landfills choose to re-accept drilling mud.
 12. Arkansas Children's Hospital, notified EAD of a spill of diesel fuel from the emergency generator day tank. The spill occurred during storms early on May 6, 2009 during power failure concerns. IU reported 91 gallons of fuel spilled out of the secondary containment and drained into two trench drains and one floor drain. EAD Inspectors investigated the site of the spill and checked the downstream manholes using a Gas Meter to detect LEL levels for presence of fuel in the flow. The result of the inspection revealed no LEL reading, indicating there was no gas vapor hazard in downstream manholes. Adams Field Superintendent did not notice any operational problems or unusual vapors. Written corrective action letter from Children's Hospital was received.
 13. Mountain Pure Holdings, LLC installed a new V notch weir outfall with flow measuring electronics. Monthly sewer flow reporting is conducted from this new meter. Consumption and sewer discharge ratio is being calculated.
 14. EAD performed sampling at Diamond Bear Brewing and discrete samples in Manhole 11G042 (nearest downstream manhole for DBB connection). Data was collected as surveillance to evaluate discharge levels to the manhole. The IU continues to dispute the extra strength surcharge program and IU classification.
- Pretreatment staff surveyed industrial users during 2009 with some noted below:
 1. EAD requested water user report from Central Arkansas Water detailing users of 730 ccf of water per month for the IU Survey 2009. A report for those exceeding 8760 ccf (730 x 12) for 2008 aided in eliminating many of the smaller users, making the report much more manageable. EAD received a copy of the 2008 Annual Business License from the City Hall Collector's Office and reviewed it for potential Industrial Users for the IU Survey 2009.
 2. Novus 7920 Sloane Drive – A survey inspection was conducted to check for any changes since the last survey inspection conducted in 2007. Joe Sledge, Process Improvement Engineer acted as escort. Novus makes an amino acid supplement for animal feeds and the process is primarily all dry. Inspection of manhole 21L020 revealed no apparent industrial discharge; only domestic waste.
 3. Survey visit Gesco Inc. Gesco continues operation of a steel barrel reclaim operation with no discharge to the LRW collection system.
 4. Drive by at Global Manufacturing indicates that the facility is closed.
 5. Purvis Industries Interstate 30. The inspection was conducted as a Survey Inspection. The facility is a distributor of Industrial parts and bearings only.

6. Inspection conducted at New York Air Brake to determine if the facility is connected to the LRW collection system. Inspection revealed a connection and discharge to manhole at Map Page 8Q031. New York Air Brake remanufactures air control valves for locomotives. Current discharges to the LRW collection system are from a hand wash sink, domestic and some overflow from the rinse tank of an ultrasonic washer for small parts. New York Air Brake is interested in gaining permission to discharge water from several other cleaning operations. New York Air Brake submitted data and requested to dispose of cleaning water to the sanitary sewer. This request was denied due to the wastewater exceeded several metals Local Limits. New York Air Brake will continue to haul the wastewater off site for disposal.
7. A survey form was forwarded to Delta Plastics, future owners of the closed Deceuninck plant. Delta Plastics will produce plastic irrigation piping.
8. Standard Aero 3223 East 10th St. Little Rock Wastewater (LRW) conducted an inspection of Standard Aero located at 3223 East 10th St. This inspection was conducted as a Survey Inspection to determine the potential to discharge materials selected on the wastewater screening form. Pictures were taken of the operation and MSDS sheet were gathered of the chemical used in the process. None of the chemicals used effects the surface where it is changed or coated therefore not subject to 40CFR433 as a core process.
9. AHTD 11301 West Baseline Rd - Little Rock Wastewater (LRW) conducted an inspection of Arkansas Department of Highway Transportation Maintenance Division located at 11301 West Baseline Rd. This inspection was conducted as a 2009 Survey Inspection. Areas visited were the Sign Shop and Materials Division. Inspection revealed facility's potential for prohibited discharges are at minimum.
10. Mini Label 2600 W. 10th St. - LRW received MSDS sheets of Sonic Kleen SK- 6 / SK-30 Water base concentration for cleaning laser engraved ceramic anilox rollers in their printing operation. The chemical concentrated has a pH >13 which is a prohibited discharge. Mr. Jay Graham, Owner is requesting permission to discharge their spent chemical into the sanitary sewer; sample taken from waste container had a pH of 13.4. This will not be approved for discharge.
11. Bale Chevrolet Honda Collision Center 100 N. Cross St. - This Facility is owned and operated by Bale Automotive and repairs vehicles for collision or cosmetic damages. This facility discharge is 95% domestic with 5% coming from company vehicle washings.
12. Harcros Chemicals 3100 West 65th St. - This Industry was once permitted NSIC and as of September 29, 2005 the permit was closed due to discontinued site drum washing. The facility stores chemicals in liquid as well as powdered forms. The floor drains in the warehouse have been sealed and chemical storage areas contain berms.
13. Southern Tank Cleaning 11800 Stagecoach Road - Facility is a transportation tanker cleaning facility with its own wastewater treatment system including evaporator. Facility continues to treat and evaporate its own wastewater with domestic only discharge to LRW.

14. Maaco Collision 6101 West 65th St. - Little Rock Wastewater (LRW) conducted an inspection of Maaco Collision located at 6101 W. 65th St. This inspection was conducted as a Survey Inspection to determine if the materials Xylene and Toluene checked on the wastewater screening form has the potential for sanitary sewer discharge. The inspection revealed minimal potential to discharge hazardous substances to the sanitary sewer.
 15. Little Rock Regional Chamber of Commerce contacted LRW requesting utility costs for two buildings in downtown Little Rock as part of bids submitted for a business looking at Little Rock. The business would employ 800 employees after a five-year ramp up. Estimated wastewater charges did not include pretreatment requirements as the bid was for office-type business. Information was included on how to locate pretreatment and ordinance requirements from the LRW website.
 16. LM fiberglass (windmill blades) reported they are mothballing the Scott Hamilton facility. Request was made to drain cooling towers. After review of MSDS for tower treatment chemicals approval was granted.
 17. A news paper article was forwarded to EAD staff detailing a new business entering in the Fourche area (corner of Mauney and Sloane Dr). EAD visited Public Works to review construction plans. Boyd Metal will be doing custom metal work as stated in the article. Domestic only.
 18. The Sewer line on Hatfield Dr. was inspected for possible dumping of waste from a Mobile Unit in the collection system. This investigation is in response to a citizen complaint. Location of concern appears to be the residence for the owner of a nearby mobile food business. New cleanouts were found but no evidence of dumping was revealed.
 19. Little Rock Public Works Operations Maintenance Facility 3314 J.F. Davis Dr. – An inspection was conducted on concerns of storm water related issues with the potential to add the facility to our FOG inventory.
- Collection System Investigations:
 1. EAD investigated the discharge lines map page -2C from the Jack Wilson WTP and the residential area on Rocky Valley CV. This investigation was triggered due to evidence brought to EAD's notice from line video dated March 26, 2008 of a thick white substance coating the top of line segment -2C097 to -2C006. Inspection of Pleasant Valley Pump Station (which discharges to MH -2C099) showed only residential type solids. Major industrial discharge to line segment -2C097 to -2C006 can only be attributed to JWWTP. No signs of any foaming were noted during the inspection but heavy solid material was noted in manholes. This sludge is from the settling processes associated with water treatment including Alum which is used for coagulation and Quicklime which is used for pH adjustment during coagulation.
 2. Line segment 2H155-2H071 – after a call from Health and Safety of a high EX reading at manhole 2H071, EAD conducted a follow-up investigation to ascertain if there was a continuing problem. Readings at manhole 2H071

showed an elevated EX reading of 9% and a low OX reading at 19.7% using a gas meter. Checks of both the up and down stream manholes did not reveal any elevated gas readings. However, there was a definite smell of Natural Gas around an exchanger located on 5th St. near manhole 2H070. Richard Kyzer stated that he will call ARKLA and have the gas leak checked.

3. Sewer Manhole 5G034 and Pei Wei Asian Diner 201 N University – Maintenance crews reported heavy grease in manhole 5G034 (NOT an SSO). Investigation into the sewer line revealed at least one restaurant possibly upstream. Upon arrival at the site, sewer manhole 5G034 is located in an apartment complex with one restaurant upstream; Pei Wei Asian Diner. Inspections were conducted of manholes between 5G034 and the grease interceptor located at Pei Wei Asian Diner. Grease was noted in manholes 5G212, 213, and 214, all located upstream of 5G034 and downstream of the grease interceptor. The grease interceptor was inspected and found to not be in need of cleaning. Suggested follow-up inspections once a quarter were recommended. Information was forwarded on to Pretreatment Supervisor for further follow-up recommendations.

LRW Trap/Interceptor Program

LRW'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.

SSO Investigations:

- LRW Manhole 4O083, located at 4 S. Meadow cliff Dr. – Area upstream of SSO was residential only.
- Private Manhole located at 6900 Cantrell Rd. – This SSO occurred in an apartment complex. The Area upstream was residential only.
- LRW Manhole (-1A022) 10740 Bainbridge Dr. - area upstream of SSO was residential only.
- LRW Manhole (6D042) 4820 Country Club Blvd – area upstream of SSO was residential only.
- Geyer Springs Rd. LRW Manhole (5X670) investigated the area upstream of the SSO and determined the area to be residential only.
- Boyle Park. LRW Manhole (3K071) investigated the area upstream of the SSO and determined the area to be residential only.
- Somerton Cir. (Private location) – EAD investigated the SSO at this location. This facility is a Duplex Apartment Complex with 4 units. Area upstream of the SSO contains more Duplex units.
- LRW Manhole 2E075 18 Evergreen Ct – Area upstream of SSO was residential only.
- LRW Sewer Manhole 7F118 Allsop Park- Area upstream of SSO was Residential.

- LRW Sewer Manhole 0S018-resident.
- LRW Sewer Manhole 5I095. Waffle House 1220 Rebsamen Park Rd. – an inspection was conducted for a reported overflow from the grease interceptor. The inspection of the interceptor revealed it was clean. The manager was questioned about the incident and he indicated that the overflow occurred from the clean out and not the interceptor. Waffle House hired a plumber to snake the line and it appeared to resolve the issue. Clean up of the parking lot looked okay and contained.
- 11720 Pleasant Ridge Road – LRW employee Richard Simmons reported a SSO occurring at manhole -3A090; its location is within an apartment community (several apartment buildings). Research into the location of the manhole revealed commercial facilities in the area but they were not connected to the line segment. Contact was made with LRW maintenance crew's onsite who were still in the process of rodding the line. They advised the manhole center trough was full and the line segment clogged with grease. The segment is on a two (2) year PM and maintenance stated they would talk to the supervisor's about increasing the frequency of the PM due to being called out to this segment more often than every two (2) years. 17 Clifton Dr. Manhole 6Q022 – Area upstream of SSO was residential only.
- 5800 Geyer Springs Rd. Private Location – inspection was conducted in the area upstream of the SSO which Sysco Frozen Foods is located. Their grease interceptor and downstream manhole was inspected and deemed okay.
- An SSO occurred at 2321 S. Ringo St. a private location on Monday April 30, 2009. The results of the investigation conclude that the area upstream of the SSO is residential only.
- Burger Mama's 10721 Kanis Road – Maintenance reported April 1st waste flow from a cleanout on the grease interceptor March 28th. Inspection of the interceptor revealed no obvious signs of overflow from a cleanout on the grease interceptor; however, the cleanout on the total flow main from the restaurant had overflowed in the yard, discharging to the street (corner of Shackelford and Kanis). Maintenance has scheduled work on the line once cost has been paid by the owner of the restaurant for work to be conducted. Water from a ground source beneath the establishment is pumped via PVC pipe to the parking lot where it constantly flows to the storm water.
- Private Location 6 Skyway Dr. Area upstream of the SSO was residential only.
- Private Location 1502 S. Woodrow St. - the area upstream of the SSO was residential only.
- Tangle Wood Shopping private main overflow confirmed. Nathan Charles, Public Works was notified

EAD inspected 973 facilities with some type of interceptor or trap. Of those facilities 103 corrective action items were required to clean or repair the interceptor or trap.

A total of 102 Construction Plans were reviewed with 44 Grease or Sand Interceptor Sizing Approvals Forms issued in 2009. EAD reviews all commercial construction plans for new facilities which may require a sand, grease, or lint interceptor.

**LITTLE ROCK WASTEWATER
TRAP CONTROL SUMMARY**

I. General Information	
Control Authority Name:	Little Rock Wastewater
Address:	11 Clearwater Drive
City:	Little Rock State/Zip: Arkansas 72204
Contact Person/Title:	Stanley Suel, EAD Director
Contact Telephone Number:	501-688-1486
Reporting Period	January 1, 2009 through December 31, 2009

II. Trap Control Compliance Monitoring		
1.	Number of Trap Inspections Performed	973
2.	Number of Traps Requiring Cleaning	69
3.	Number of Traps Requiring Cleanout Replacement or Repair	21
4.	Number of Traps Requiring Repair	6
5.	Number of Facilities Requiring Trap Installation	7

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 (occurrence fees)	\$2,650.00

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

	<u>2009</u> <u>Actual</u>	<u>2010</u> <u>Estimated</u>
Funding		
Surcharge Program	\$940,599	\$959,411
Landfill Leachate Program	\$328,473	\$335,042
Permitted Industrial Wastewater Discharge Fees	\$52,114	\$53,156
Trap/Interceptor Control Program Fees	\$2,650	\$2,703
Domestic Septage Waste Hauler Fees	\$2,410	\$2,458
Landfill Permit Fees	\$2,060	\$2,101
Diversion / Sewer Meter Fees	\$14,685	\$14,979
HLW/Special Discharge-Restricted Short Term Fees	\$168,000	\$171,360
Total Funding	\$1,510,991	\$1,541,211
O&M Expenditures		
Salary		
Employee Salaries	\$636,544	\$630,778
Employee Benefits	\$247,887	\$244,904
Supplies/Maintenance		
Supplies/Equipment Maintenance	\$58,833	\$62,880
Vehicle Maintenance	\$14,252	\$11,223
Other		
Training and Development	\$4,914	\$4,489
Contract Services	\$22,809	\$22,720
Telephone	\$3,790	\$4,042
Total O&M Expenditures	\$989,029	\$981,036
Capital Expenditures		
Replace EAD Sampling Van	\$45,000	
Replace Cyanide Distillation System	\$13,866	
Replace Ammonia/Phenol Distillation System	\$14,099	
Total Capital Expenditures	\$72,965	\$0
Total Expenditures	\$1,061,994	\$981,036

2009 Fees Billed Year to Date

Fee Schedule	Description	Total Billed
Fees for Other Approved Wastewater Sources		
3.1		
3.1.1	New Industrial Permit Application Fee (each facility)	\$0
3.1.2	Industrial Permit Modification or Permit Transfer Fee (each action)	\$150
3.1.3	Categorical Discharger (CIU) - Annual Permit Fee (each outfall)	\$8,400
3.1.4	Non-Significant CIU (1-100 GPD) Annual permit Fee*	\$0
3.1.5	Significant "CIU Zero" Discharger - Annual Permit Fee*	\$1,300
3.1.6	Non-Significant "CIU Zero" Discharger Annual Permit Fee*	\$1,300
3.1.7	Categorical "Zero" Discharger (Domestic Only) Permit Fee*	\$2,640
3.1.8	Significant Industrial User - Annual Permit Fee*	\$25,000
3.1.9	Other Regulated Industrial user - Annual Permit Fee*	\$10,500
3.1.10	Other Regulated Industrial Users "Zero Discharge -Annual Permit Fee *	\$400
3.1.11	Noncompliance Inspection, Sampling, and/or Testing (each occurrence)	\$2,424
3.1.12	Late Reporting Fee (each occurrence)	\$0
	Sub Total	\$52,114
Trap/Interceptor (T/I) Control Program-Landowner/Lessee/Tenant Fees		
3.2		
3.2.1	Review Fee - Redevelopment to Determine Adequacy of Existing T/I	\$0
3.2.2	T/I Variance Request from Approved Specifications	\$0
3.2.3	T/I Follow-up Noncompliance Inspection (1st occurrence)	\$1,470
3.2.4	T/I Noncompliance Past LRWU Requirement (each past 1st occurrence)	\$280
3.2.5	T/I Overflow Investigation (Active Overflow of Interceptor)	\$900
3.2.6	T/I Noncompliance Sampling and/or Testing (each occurrence)	\$0
	Sub Total	\$2,650
Domestic Septage Disposal Fees (Accepted Only From Approved Sources)		
3.3		
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)	\$0
	Sub Total	\$0
Permitted Domestic Waste Hauler/Owner/Operator Fees		
3.4		
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	\$1,635
3.4.4	Domestic Septage Waste Hauler Tanker Fee - (each truck or tanker)	\$35
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	\$1,670
Permitted Landfill Owner/Operator Fees		
3.5		
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	\$1,140
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	\$1,140
Permitted Landfill Leachate Hauler Fees		
3.6		
3.6.1	Landfill Leachate New Permit Application Fee (each facility)	\$850
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)	\$70
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	\$920
Permitted Mobil Pressure Wash Owner/Operator Fees		
3.7		
3.7.1	Mobil Pressure Wash Operator New Permit Application Fee	\$0
3.7.2	Mobil Pressure Wash Operator - Annual Permit Fee	\$320
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)	\$420
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	\$740
Diversion and Sewer Meter Inspection Fees		
3.8		
3.8.1	New Meter Installation - Review, On-site, Inspection, and Approval	\$700
3.8.2	Meter Annual Inspection (each meter and meter type)	\$13,375
3.8.3	Replacement Meter Installation Fee (Active Accounts Only)	\$210
3.8.4	Meter Re-Activation Fee (Applies to Lapsed Accounts ≥180 days)	\$400
3.8.5	Variance Request - Pretreatment Ordinance Requirement (each)	\$0
	Sub Total	\$14,685
Fees for Other Approved Wastewater Sources		
3.9		
3.9.1	New Restricted Short Term Authorization - Application Fee	\$340
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	Special Discharge Wastewater Disposal Fee per Gallon	\$164,410
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	\$164,750
Total		\$238,669

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	Little Rock Wastewater		
Address	11 Clearwater Drive		
City	Little Rock	State/Zip	AR 72204
Contact Person	Stanley Suel	Position	Director EAD
Contact Telephone Number	(501) 688-1486		
NPDES Permit No's.	AR 0040177 & AR 0021806		
Reporting Period	January 1, 2009 through December 31, 2009		
Total Number of Categorical IUs	14		
Total Number of Significant Non-categorical IUs	22		

II. Significant Industrial User Compliance			
		Significant Industrial Users	
		Categorical	Noncategorical
1	No. of SIUs Submitting BMRs/Total No. Required	0 / 0	0 / 0
2	No. of SIUs Submitting 90-Day Compliance Reports/No. Required	0 / 0	0 / 0
3	No. of SIUs Submitting Semiannual Reports/Total No. Required	4 / 4	0 / 0
4	No. of SIUs Meeting Compliance Schedule/Total No. Required to Meet Schedule	0 / 0	0 / 0
5.	No. of SIUs in Significant Noncompliance/Total No. of SIUs	1 / 14	0 / 22
6	Rate of Significant Noncompliance for all SIUs	1 / 36	

		III. Compliance Monitoring Program	
		Significant Industrial Users	
		Categorical	Noncategorical
2	No. of Non-sampling Inspections Conducted	20	36
3	No. of Sampling Visits Conducted	111	461
4	No. of Facilities Inspected (non-sampling)	14	22
5	No. of Facilities Sampled	9*	21**

		IV. Enforcement Actions	
		Significant Industrial Users	
		Categorical	Noncategorical
1	No. of Compliance Schedules Issued/No. of Schedules Required	0 / 0	0 / 0
2	No. of Notices of Violations issued to SIUs	0	4
3	No. of Administrative Orders Issued to SIUs	0	1
4	No. of Civil Suits Filed	0	0
5	No. of Criminal Suits Filed	0	0
6	No. of Significant Violators (attach newspaper publication)	1	0
7	Amount of Penalties Collected (total dollars/IUs assessed) ***	\$1,107 / 1	\$1,936 / 2
8	Other Actions (sewer bans, etc.)	0	0

* Categorical IU's: No regulated discharge: Five (5) Not Sampled– Arkansas Painting and Specialty, Hawker Beechcraft, Hillcrest Camshaft, Progress Rail Service, and LR Powder Coating. Sampled domestic/unregulated only: Cameron Valve, Dassault Falcon Jet, Central Jet Flying Service, St. Vincent Hospital, PPG, and Tire Curing Bladders, LLC.

** Griffin Industries, Thibault Road - domestic only.

*** LRW 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 (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.

Reggie A. Corbitt

Authorized Representative

Reggie A. Corbitt, Chief Executive Officer

March 22, 2010

Date

**LITTLE ROCK WASTEWATER
SUMMARY OF INDUSTRIAL USER NONCOMPLIANCE
1986 THROUGH 2009**

Year	Number of IUs In Significant Violation or Significant Noncompliance
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
2006	1 – Significant Noncompliance
2007	0 – Significant Noncompliance
2008	1 – Significant Noncompliance
2009	1 – Significant Noncompliance

SIGNIFICANT NONCOMPLIANCE LIST 2009

Interstate SignWays

Interstate SignWays was in Significant Noncompliance due to Cyanide (Total) violations in the first and second quarterly evaluation period of 2009. For the 2009 first Quarterly Compliance Evaluation period, the Cyanide (Total) daily average TRC exceeded the 33% criteria for Significant Non Compliance listed in 40CFR 403.8 (f) (2) (viii) (B); Also, the TRC monthly average 33% criteria was exceeded in the first and second quarters in 2009 due to daily and monthly average violations in February and May of 2009.

A Notice of Violation was issued to Interstate SignWays on February 05, 2009 and again on May 20, 2009 requiring corrective measures to prevent reoccurrence of the violations. On August 20, 2009 monitoring showed a return to compliance for the cyanide violations. Interstate SignWays changed from chemical Coagulant WTC 104 to EnviroBrite WTC 131 to reduce the cyanide in their process waste stream.

Public Notice Little Rock Wastewater

In accordance with the U.S. Environmental Protection Agency rule published as 40 CFR 403.8(f)(2)(viii), Little Rock Wastewater is providing notification that, during 2009, Interstate SignWays 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: Ron Gray

DATE : 03/03/10 INVOICE #: 2521612
ACCT #: L809616 P.O. #: A25116

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:

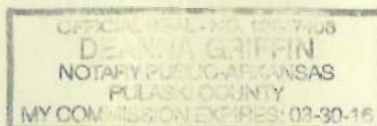
public notice
pending in the Court, in said County, and at the dates of the several publications of said advertisement stated below, and that during said periods and at said dates, said newspaper was printed and had a bona fide circulation in said County; that said newspaper had been regularly printed 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.

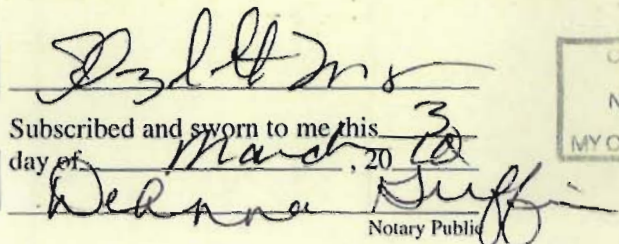
Public Notice
Little Rock Wastewater
In accordance with the U.S. Environmental Protection Agency rule published as 40 CFR 403.8(f)(2)(viii), Little Rock Wastewater is providing notification that, during 2009, Interstate SignWays was in Significant Noncompliance with pretreatment requirements contained in regulations governing the discharge of industrial wastewater. The facility has returned to compliance.
603185471

DATE	DAY	LINAGE	RATE	DATE	DAY	LINAGE	RATE
03/03	Wed	19	1.25				

TOTAL COST ----- 23.75
Billing Ad #: 60318547

Subscribed and sworn to me this 3
day of March, 2010




Notary Public

LITTLE ROCK WASTEWATER 2009 PRETREATMENT PROGRAM STATUS REPORT

Facility Name	SIC	Categorical Determination	Control Document		New User	Times Inspected	Times Sampled	Compliance Status				
			Last Action	Y/N				BMR	90 Day Compliance	Semi-Annual	Self Monitoring	Effluent Limits
Arkansas Painting and Specialties	3714	40 CFR 433	RENEWED 12/21/2009	Y	N	1	0	N/A	N/A	RD	RD	DISCHARGE C-NO
Central Flying Service	4581	40 CFR 433	RENEWED 9/1/2008	Y	N	1	6	N/A	N/A	N/A	NR	DISCHARGE NO 433
CertainTeed	2952	40 CFR 443	RENEWED 4/1/2008	Y	N	1	22	N/A	N/A	RD	RD	C
Dassault Falcon Jet Corp	3728	40 CFR 433	RENEWED 12/01/2008	Y	N	1	12	N/A	N/A	RD	NR	DISCHARGE NO 433
Hilcrest Camshaft Service, Inc.	3714	40 CFR 433	RENEWED 9/1/2008	Y	N	1	0	N/A	N/A	RD	NR	DISCHARGE NO 433
Interstate Signways Company	3993 7399	40 CFR 433	RENEWED 2/01/2008	Y	N	3	22	N/A	N/A	RD	RD	SNC - Cyanide NO 433
Cameron Valve	3494	40 CFR 433	REVISED 10/1/2008	Y	N	1	15	N/A	N/A	N/A	NR	DISCHARGE NO 433
Progress Rail Services	3562 3471	40 CFR 433	RENEWED 5/01/2009	Y	N	1	0	N/A	N/A	N/A	NR	DISCHARGE NO 433
Hawker Beechcraft	3721	40 CFR 433	RENEWED 3/1/2008	Y	N	1	0	N/A	N/A	N/A	NR	DISCHARGE NO 433
LR Powder Coating	33281	40 CFR 433	ISSUED 12/1/2008	Y	Y	2	0	N/A	N/A	N/A	NR	DISCHARGE NO 433
PPG	2851	40 CFR 446	ISSUED 7/1/2008	Y	Y	1	2	N/A	N/A	N/A	NR	DISCHARGE NO 446
St. Vincent Hospital	8062 2834	40 CFR 439	RENEWED 3/1/2008	Y	N	1	12	RD	N/A	RD	NR	DISCHARGE NO 439
Tire Curing Bladders LLC	3011	40 CFR 428	RENEWED 1/1/2008	Y	N	2	2	N/A	N/A	N/A	NR	DISCHARGE NO 428
Welspun Tubular	3317	40 CFR 433 40 CFR 420	ISSUED 6/11/2008	Y	Y	3	18	RD	RD	RD	RD	DISCHARGE NC-pH

LITTLE ROCK WASTEWATER 2009 PRETREATMENT PROGRAM STATUS REPORT

Facility Name	SIC	Categorical Determination	Control Document		New User	Times Inspected	Times Sampled	Compliance Status				
			Last Action	Y/N				BMR	Reports			
									90 Day Compliance	Semi-Annual	Self Monitoring	Effluent Limits
Arperipride Linen and Apparel Services	7218	N/A	RENEWED 12/21/2009	Y	N	3	28		By POTW			C
Arkansas Childrens Hospital	8062	N/A	RENEWED 1/30/2009	Y	N	2	48		By POTW			C
Arkansas Heart Hospital	8062	N/A	REVISED 1/30/2009	Y	N	1	26		By POTW			C
Arkansas Mental Health Services	8062	N/A	RENEWED 4/25/2008	Y	N	1	22		By POTW			C
Baptist Med Center	8062	N/A	RENEWED 7/01/2008	Y	N	1	37		By POTW			C
Griffin Industries Thibault	2077	N/A	REVISED 9/11/2009	Y	N	1	0		By POTW			Domestic Only
Coca-Cola Bottling	2086	N/A	RENEWED 2/01/2009	Y	N	2	24		By POTW			C
Turner Coleman Dairy	2026	N/A	RENEWED 10/01/2009	Y	N	2	50		By POTW			C
Dusty Mop and Mat	7218	N/A	RENEWED 6/1/2009	Y	N	1	8		By POTW			C
George Fischer Sloane	3084	N/A	ISSUED 11/1/2008	Y	N	1	3		By POTW			C
Jack Wilson WTP	4941	N/A	RENEWED 2/01/2008	Y	N	1	25		By POTW			C
Little Rock Central Laundry	7218	N/A	RENEWED 6/1/2009	Y	N	1	8		By POTW			C
Little Rock City Landfill	5622	N/A	RENEWED 4/01/2008	Y	N	2	3		By POTW			C
McClellan VA Medical Hospital	8062	N/A	RENEWED 6/01/2009	Y	N	1	21		By POTW			C
Mountain Pure Holding, L.L.C.	5149	N/A	RENEWED 1/1/2008	Y	N	3	37		By POTW			C
Odum's Tennessee Pride Sausage	2013	N/A	RENEWED 10/01/2008	Y	N	2	38		By POTW			C
Ozark Point WTP	4941	N/A	RENEWED 12/1/2009	Y	N	1	27		By POTW			C

**LITTLE ROCK WASTEWATER
2009 PRETREATMENT PROGRAM STATUS REPORT**

Facility Name	SIC	Categorical Determination	Control Document		New User	Times Inspected	Times Sampled	Compliance Status				
			Last Action	Y/N				BMR	90 Day Compliance	Semi-Annual	Self Monitoring	Effluent Limits
Porocel Corporation	2819 2038	N/A	REVISED 12/16/2009	Y	N	2	8			By POTW		NC - Hg, Zn
Sage V Foods	2044	N/A	ISSUED 5/9/2009	Y	N	3	44			By POTW		NC - pH, Temp
St. Vincent/Doctors Hospital	8062	N/A	RENEWED 6/01/2009	Y	N	1	24			By POTW		C
Unilever	2099	N/A	RENEWED 12/01/2008	Y	N	1	13			By POTW		C
Univ. of Ark Med Center	8062	N/A	RENEWED 2/01/2008	Y	N	1	5			By POTW		C

**LITTLE ROCK WASTEWATER
2009 INDUSTRIAL USER LIST**

No. of Permitted IU's Classified as Federal Categorical	14
No. of Permitted IU's Classified as Significant Industrial Users	22
No. of Permitted IU's Classified as Non-Significant Industrial Users	13
No. of Special Permits for Landfill Leachate or RSTA (hauled by tanker truck)	5
Total No. of IU's Permitted by LRW	54

Categorical Industries

Facility Name	Classification	Federal Cat. Standard No.	Manufacturing Process	Total Flow (gpd)avg	Work Days/Month	Routine Pollutant Monitoring/Other
Arkansas Painting and Specialties	Federal Categorical	40 CFR 433	Phosphate Coating	629	22	pH, Zn, CN, Ni, Cu, Pb, Cd, Cr, Ag
Cameron Valve	Federal Categorical	40 CFR 433	Steel Oil Field Valves	24,239	22	Zn, Pb, pH, Ni, Permit to discharge nonregulated wastewater
Central Flying Service - Little Rock	Federal Categorical	40 CFR 433	Aircraft Refurbishing	6,086	30	pH, Permit to discharge nonregulated wastewater
CertainTeed Corporation	Federal Categorical	40 CFR 443	Asphalt Rolled Roofing Production	35,518	30	TSS, O&G, pH
Dassault Falcon Jet Corp	Federal Categorical	40 CFR 433	Custom Jet Aircraft	25,593	22	BOD, COD, pH, Permit to discharge domestic wastewater
Hillcrest Camshaft Service, Inc.	Federal Categorical	40 CFR 433	Electroplating New Source	1,204	22	Permit to discharge domestic wastewater only
Interstate Highway Sign Company	Federal Categorical	40 CFR 433	Highway Signs	4,111	22	Cr, pH, Cu, Zn, Pb, Cd, Ni, Ag, CN(t) TTO
LR Powder Coating	Federal Categorical	40 CFR 433	Powder Coating	1,400	22	Permit to discharge domestic wastewater only
PPG	Federal Categorical	40 CFR 446	Paint and Coating	4,337	22	BOD, COD, TSS, O&G, pH, Permit to discharge domestic wastewater only
Progress Rail Services	Federal Categorical	40 CFR 433	Chrome Plating	1,612	22	Permit to discharge domestic wastewater only
Raytheon Hawker Beechcraft	Federal Categorical	40 CFR 433	Custom Jet Aircraft	7,785	30	Permit to discharge domestic wastewater only
St Vincent Hospital	Federal Categorical	40 CFR 439	Hospital/PETNET	197,716	30	COD, O&G, pH, Hg, Ag, BOD, TSS, CN(t)
Tire Cure Bladders, LLC	Federal Categorical	40 CFR 428	Rubber Tire Curing Bladders	14,952	30	pH, Zn, Ni, Cu, O&G, Permit to discharge nonregulated wastewater
Welspun Tubular	Federal Categorical	40 CFR 433	Spiral Pipe and Coating	19,806	22	Zn, Cr, Pb, pH, Cd, CN(t), Ni, Cu, Ag, BOD, COD, TSS, O&G, TTO

LITTLE ROCK WASTEWATER
2009 INDUSTRIAL USER LIST

Significant Non-Categorical Industries

Facility Name	Classification	Federal Cat. Standard No.	Manufacturing Process	Total Flow (gpd)avg	Work Days/Month	Routine Pollutant Monitoring/Other
Ameripride Linen and Apparel	SIU		Laundry	40,678	22	BOD, COD, TSS, O&G, pH
Arkansas Children's Hospital	SIU		Hospital	116,633	30	East: COD, TSS, O&G, pH, Hg, Ag, BOD, West: BOD, TSS, O&G, pH, Hg, Ag, COD
Arkansas Heart Hospital	SIU		Hospital	25,816	30	BOD, TSS, O&G, pH, Hg, COD
Arkansas Mental Health Services	SIU		Hospital	26,517	30	BOD, COD, TSS, O&G, pH
Baptist Med Center	SIU		Hospital	202,752	30	BOD, TSS, O&G, pH, Ag, Hg
Coca-Cola Bottling	SIU		Soft Drink Bottling	98,235	22	BOD, COD, TSS, O&G, pH
Coleman Dairy	SIU		Dairy Products & Bottled Water	109,135	30	BOD, COD, TSS, O&G, pH
Dusty Mop and Mat	SIU		Industrial Laundry	14,633	16	BOD, COD, TSS, O&G, pH
George F. Sloane, Inc.	SIU		Plastic Molding	48,921	30	BOD, COD, TSS, O&G, pH
Jack Wilson WTP	SIU		Water Treatment Plant	122,944	30	BOD, COD, TSS, O&G, pH
Little Rock Central Laundry	SIU		Industrial Laundry	25,214	26	BOD, COD, TSS, O&G, pH
Little Rock Landfill	SIU		Municipal Landfill	33,802	30	As, Cd, Cu, Cr, Pb, Ni, Mo, Hg, Ag, Se, Zn, B, Mn, pH, CN (t), volatiles, pesticides, BOD, TSS
McClellan VA Hospital	SIU		Hospital	143,618	30	COD, O&G, pH, Hg, Ag, BOD, TSS
Mountain Pure Holding	SIU		Fruit Juice and Water Bottling	42,042	30	BOD, COD, TSS, O&G, pH
Griffin Industries Thibault Rd.	SIU		Grease Recycling	6,152	22	Permit to discharge domestic wastewater only
Odom's Tennessee Pride Sausage	SIU		Slaughter & Package Pork	274,998	22	BOD, COD, TSS, O&G, pH
Ozark Point WTP	SIU		Water Treatment Plant	58,245	30	BOD, COD, TSS, O&G, pH
St. Vincent/Doctors Hospital	SIU		Hospital	33,615	30	COD, pH, Ag, Hg, BOD, TSS, O&G
Unilever	SIU		Peanut Butter	24,421	22	BOD, COD, TSS, O&G, pH
Porocel Corporation	SIU		Mineral Milling	6,034	30	COD, TSS, ZN, pH, BOD
Sage V Foods	SIU		Rice Cooking	123,672	30	BOD, TSS, O&G, pH, COD
Univ. of Ark Med Center	SIU		Hospital	455,215	30	BOD, TSS, O&G, pH, Hg, Ag, COD

**LITTLE ROCK WASTEWATER
2009 INDUSTRIAL USER LIST**

Non-Significant Industries

Facility Name	Classification	Federal Cat. Standard No.	Manufacturing Process	Total Flow (gpd)avg	Work Days/Month	Routine Pollutant Monitoring/Other
Arkansas Electric Cooperative	Non-SIU		Electrical Equipment Repair	250/Batch	22	PCB's, O&G, pH, Cu, Pb, Zn, Cd
Arkansas Dust Control & Linen Service	Non-SIU		Industrial Laundry	3,457	22	BOD, COD, TSS, O&G, pH
BHMC- LR South Campus	Non-SIU		Hospital	1,988	30	BOD, COD, TSS, O&G, pH, Ag, Hg
BFI Landfill	Non-SIU		Landfill	9,123	30	As, Cd, Cu, Cr, Pb, Ni, Mo, Ba, Hg, Ag, Se, Zn, B, Mn, pH, CN(t), 122 D
Clark Machinery	Non-SIU		Construction Equipment	1,131	22	BOD, COD, TSS, O&G, pH, Hg
Democrat Printing and Litho	Non-SIU		Printing Company	7,661	30	COD, BOD, pH, TSS, O&G, Ag, Zn, Pb, Cu, Se
Diamond Bear Brewing	Non-SIU		Beer Brewery	3,060	24	BOD, COD, TSS, O&G, pH
Good Old Days Foods	Non-SIU		Frozen Fruit Cobbler	6,231	22	BOD, COD, TSS, O&G, pH
Griffin Industries	Non-SIU		Pork Hide Drying	1,362	22	BOD, COD, TSS, O&G, pH
I-30 Tank Wash	Non-SIU		Truck Wash	2,256	22	BOD, COD, TSS, O&G, pH
Martinous Oriental Rug	Non-SIU		Retail Rug Sales & Cleaning	109	22	pH 1/6 Month
Phelps Fan	Non-SIU		Fan Manufacturer	5400 / Batch	22	pH, Cr, Ni, Cu
Ryerson	Non-SIU		Metal Fabrication	156	30	pH, Cu, Zn

Landfill Leachate and Restricted Short Term Authorizations (Hauled by Tanker Truck)

Facility Name	Classification	Federal Cat. Standard No.	Manufacturing Process	Total gal/2009	Work Days/Month	Routine Pollutant Monitoring/Other
Two Pine Landfill	Special Non-SIU		Landfill	1,374,000	22	As, Cd, Cu, Cr, Pb, Ni, Mo, Hg, Ag, Se, Zn, B, Mn, pH, CN(t),
Jefferson County Landfill	Special Non-SIU		Landfill	0	22	As, Cd, Cu, Cr, Pb, Ni, Mo, Hg, Ag, Se, Zn, B, Mn, pH, CN(t),
Ozark Ridge Landfill	Special Non-SIU		Landfill	0	22	As, Cd, Cu, Cr, Pb, Ni, Mo, Hg, Ag, Se, Zn, B, Mn, pH, CN(t), O&G, Vol Pest TCLP
Arkansas Port Toilets	RSTA		Portable	6000 / Truck	N/A	Approved domestic Only
Jones & Sons Mobile Pressure Wash	RSTA		Pressure Washer	500 gal Tank	N/A	Approved Wash Water Only

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 2009 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 2009 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 II). 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 Wastewater Treatment Plants.
- LRWU 2009 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 2009. Part II includes a summary of positive measurements from 1991 through 2009. Table II monitoring frequency for 2009 is once per year for the Adams Field Treatment Plant and the Fourche Creek Treatment Plant influents and effluents in accordance with the NPDES permit (NPDES Permits AR 0021806 and AR 0040177). Organic fraction charts trend detections for 1991 through 2009.
- Treatment Plant 1994-2009 Concentration Trends - This section includes graphs showing influent and effluent concentration trends for the past sixteen years. Some peaks may be due to changes in test methods and detection limits.

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: JANUARY 1, 2009 TO DECEMBER 31, 2009

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

NPDES PERMIT NO.: AR0021806

AVERAGE POTW FLOW: 26.95 MGD

PERCENT (%) IU FLOW: 6.67 %

PLANT	Flow	O&G	CN	Zn	Cd	Cr	Ag	Cu	Mo	Ni	Pb	As	Se	Hg	Phenol	Sb	Be	Tl	Mn	Ba	B	
INFLUENT	MGD	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
EPA Test Method Used	164FA	5	0.0014	0.002	0.5	10	0.5	0.16	0.08	0.5	0.5	0.5	5	0.0002	3	0.05	0.0005	0.0001	0.002	0.002	0.1	
Direction Level Achieved																						
01/13/2009	22.36			0.161	< 0.5	3	1.2	30	< 27	4.1	6.98	< 0.5	< 2		< 0.052	0.0010	0.0001					
02/03/2009	25.57	45.0	< 0.002											0.04960	23							
04/04/2009	24.93			0.13	< 0.5	10	0.8	20	< 8	4.3	4.5	1.3	< 5		< 0.060	< 0.001	< 0.0005					
05/26/2009	61.66	9	< 0.002											0.05505	19							
7/7/2009	28.84			0.12	0.6	10	2.4	37	< 8	6.0	9.0	1.3	< 5		< 0.060	< 0.0005	< 0.0005	0.33	0.06	< 0.1		
9/1-2/2009	20.73	70	0.001											0.04850	32							
10/6/2009	28.76			0.096	< 0.5	10	1.2	19	< 8	4.1	6.6	< 0.5	< 5		< 0.060	< 0.0005	< 0.001					
11/10-11/2010	27.23	46	0.001											0.10600	25							
Average	30.01	43	< 0.002	0.127	0.5	8.3	1.4	27	13	5	7	< 1	< 4	0.06479	25	0.058	< 0.0006	< 0.0004	0.3	0.06	0.1	
Maximum	61.66	70	< 0.002	0.161	< 0.6	10.0	2.4	37	< 27	< 6	< 9	< 1	< 5	0.10600	32	0.060	< 0.0010	< 0.0005	0.3	0.060	0.1	
Minimum	20.73	9.0	< 0.001	0.096	0.5	3.0	0.8	19	8	4	5	< 1	< 2	0.04850	19	< 0.052	< 0.0005	< 0.0001	0.3	0.060	0.1	
Headworks limit		0.09		0.36	9.0	260.0	180.0	270		160	50	14	10									

Comments: None

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: JANUARY 1, 2009 TO DECEMBER 31, 2009

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

NPDES PERMIT NO.: AR0021806

AVERAGE POTW FLOW: 26.95 MGD PERCENT (%) IU FLOW: 6.67 %

FINAL EFFLUENT	Flow MGD	O&G mg/L	CN- mg/L	Zn mg/L	Cd mg/L	Cr mg/L	Ag mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	As mg/L	Se mg/L	Hg mg/L	Phenol µg/L	Sb mg/L	Be mg/L	Tl mg/L	Mn mg/L	Ba mg/L	B mg/L	
		16.4A	SMC200-460 C&E	200.7/200.8	3113B / 791A / 200.8	3113B / 791A / 200.8	200.8	200.7 / 200.8	200.8	0.05 / 0.1	200.8	200.8	3113B / 791A / 200.8	1631E / 245.7	430.1	200.7 / 200.8	3113B / 791A / 200.8	200.8	200.7 / 200.8	200.7 / 200.8	200.8	
		5	0.0014	0.002	0.5	10	0.5 / 0.16 / 0.08 / 0.5 / 0.06 / 0.03	8	8	0.5	0.5	0.5	5	0.0002 / 0.0018	3	0.05 / 0.06	0.0005	0.0001 / 0.00005	0.002	0.002	0.1	
01/13/2009	22.36	<	0.0014	0.042	< 0.5	< 1.0	0.3	5.1	< 27	3.6	0.4	< 1	< 2			< 0.052	< 0.000	0.0010				
02/03/2009	21.26	<	0.002											0.00339	10							
04/06/2009	21.59	<	0.002	0.066	< 0.5	< 10	< 0.5	7.2	< 8	3.4	1.1	0.6	< 5			< 0.060	< 0.0005	< 0.0005				
05/26/2009	52.46	<	0.002											0.00462	10							
7/7-8/2009	22.51	<	0.001	0.027	< 0.5	< 10	< 0.5	5.0	< 8	8.5	1.6	0.6	< 5			< 0.060	< 0.0005	< 0.0005	0.13	0.018	< 0.1	
9/1-2/2009	15.74	<	0.001	0.030	< 0.5	< 10	< 0.5	4.5	< 8	2.6	0.9	< 0.5	< 5	0.00328	12							
10/6-7/2009	28.51	<	0.001																			
11/10-11/2009	21.44	<	0.001											0.00465	12							
Average	25.73	5.0	0.002	0.041	< 0.5	7.8	0.5	5	13	5	< 1	< 1	< 4	0.00399	11	< 0.058	< 0.0004	< 0.0006	0.13	0.018	0.1	
Maximum	52.46	5.0	0.002	0.066	< 0.5	10.0	< 0.5	7.2	< 27	8.5	< 1.6	< 0.6	< 5	0.00465	12	< 0.060	< 0.0005	< 0.0010	0.13	0.018	0.1	
Minimum	15.74	<	0.001	0.027	< 0.5	< 1.0	< 0.3	4.5	8	2.6	< 0.38	< 0.5	< 2	0.00328	<	< 0.052	< 0.0001	< 0.0005	0.13	0.018	0.1	
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: None

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: JANUARY 1, 2009 TO DECEMBER 31, 2009

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

NPDES PERMIT NO.: AR0040177

AVERAGE POTW FLOW: 13.62 MGD PERCENT (%) IU FLOW: 4.66 %

PLANT INFLUENT	Flow MGD	O&G mg/L	CN- mg/L	Zn mg/L	Cd mg/L	Cr mg/L	Ag mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	As mg/L	Se mg/L	Hg mg/L	Phenol ug/L	Sb mg/L	Be mg/L	Tl mg/L	Mn mg/L	Ba mg/L	B mg/L	
EPA Test Method Used	1644	SMD014-500	7191A	3113B	3113B	7011A	3113B	2007	2008	2008	2008	2008	3113B	1631E	420.1	2007	3113B	2008	2007	2008	2008	
Detection Level Achieved	5	0.0014	0.002	0.5	0.5	10	0.5	0.3	8	0.05	0.01	0.02	5	0.0002	3	0.05	0.0005	0.0001	0.002	0.002	0.1	
01/13/2009	8.32			0.274	0.50	7	1.0	15.0	27	9.8	2.66	0.88	2	0.03780		< 0.052	0.0040	0.0001				
02/03/2009	9.38	86.0	< 0.002												45							
05/05/2009	19.34			0.120	0.25	9	0.7	37.0	8	6.9	12.00	2.70	2			< 0.003	0.0003	< 0.0005				
05/26/2009	21.44	16.0	< 0.002											0.05852	28							
7/7-8/2009	9.67			0.097	0.50	10	0.7	36.0	8	17.0	2.80	0.98	5	0.04120	77	< 0.060	< 0.0005	< 0.0005	0.340	0.049	< 0.1	
9/1-2/2009	5.92	47.0	0.001																			
10/6-7/2009	8.51			0.084	1.70	< 10	< 0.5	10.0	8	4.7	2.80	< 0.50	5	0.06450	48	< 0.060	< 0.0005	< 0.0005				
11/10-11/2009	6.57	59.0	< 0.001																			
Average	11.14	52.0	0.002	0.144	0.74	9.0	0.7	24.5	13	9.6	5.07	1.27	4	0.05051	50	< 0.044	0.0013	0.0004	0.340	0.049	< 0.1	
Maximum	21.44	86.0	< 0.002	0.274	1.70	< 10.0	1.0	37.0	27	17.0	12.00	2.70	5	0.06450	77	< 0.060	0.0040	< 0.0005	0.340	0.049	< 0.1	
Minimum	5.92	16.0	< 0.001	0.084	0.25	7.0	0.5	10.0	8	4.7	2.66	< 0.50	2	0.03780	28	< 0.003	0.0003	0.0001	0.340	0.049	< 0.1	
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, 2009 TO DECEMBER 31, 2009

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

PPDES PERMIT NO.: AR0040177

AVERAGE POTW FLOW: 13.62 MGD

PERCENT (%) IU FLOW: 4.66 %

ANALYTE	Flow MGD	O&G mg/L	CN ₅ mg/L	Zn mg/L	Cd mg/L	Cr mg/L	Ag mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	As mg/L	Se mg/L	Hg mg/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	1664A	1664A	8500-C&E	3113B / 200.8	3113B / 200.8	3113B / 7191A / 200.8	200.8	200.7 / 200.8 / 0.57 / 0.06 / 0.03	200.8	200.8	200.8	200.8	3113B / 7740 / 200.8	1631E / 245.7 / 200.8	420.1	200.7 / 200.8	3113B / 7191A / 200.8	200.8	200.7 / 200.8	200.7 / 200.8	200.8	
Detection Level Achieved	5	0.0014	0.0014	0.002	0.5	10	0.5 / 0.16 / 0.08	0.03	8	0.05 / 0.1 / 0.5	0.01 / 0.02 / 0.5	0.02 / 0.04 / 0.5	5	0.0002 / 0.0018	3	0.05 / 0.06	0.0005	0.0001 / 0.00005	0.002	0.002	0.1	
01/13/2009	11.37			0.040	< 0.50	< 1	< 0.1	6.2	< 27	2.2	0.37	< 0.50	< 2			0.179	< 0.0001	< 0.00005	0.482	0.006		
02/03/2009	9.38	86.0	< 0.002											0.00472	7							
05/05/2009	26.12			0.027	0.15	< 1	< 0.2	6.2	< 8	3.5	< 0.50	0.76	< 2			< 0.003	< 0.0002	< 0.0005				
05/26/2009	20.34	< 5.0	0.005											0.01061	20							
7/8-9/2009	11.38			< 0.020	< 0.50	< 10	< 0.5	2.5	< 8	4.1	0.52	0.63	< 5			< 0.060	< 0.0005	< 0.0005	0.061	0.004	< 0.1	
9/1-2/2009	8.85	< 5.0	0.003											0.00495	6							
10/6-7/2009	10.33			< 0.020	< 0.50	< 10	< 0.5	2.8	< 8	3	0.58	< 0.50	< 5			< 0.060	< 0.0005	< 0.0005				
1/10-11/2009	9.97	< 5.0	0.002											0.00785	10							
Average	13.47	25.3	0.003	0.027	0.41	< 6	< 0.3	4.4	< 13	3	0.49	0.60	< 4	0.00703	11	0.076	< 0.0003	< 0.0004	0.272	0.005	< 0.1	
Maximum	26.12	86.0	0.005	0.040	< 0.50	< 10	< 0.5	6.2	< 27	4	0.58	0.76	< 5	0.01061	20	0.179	< 0.0005	< 0.0005	0.482	0.006	< 0.1	
Minimum	8.85	< 5.0	< 0.002	< 0.020	0.15	< 1	< 0.1	2.5	< 8	2	0.37	< 0.50	< 2	0.00472	6	< 0.003	< 0.0001	< 0.0001	0.061	0.004	< 0.1	
QS Effluent Level																						
Daily 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, 2009 TO DECEMBER 31, 2009

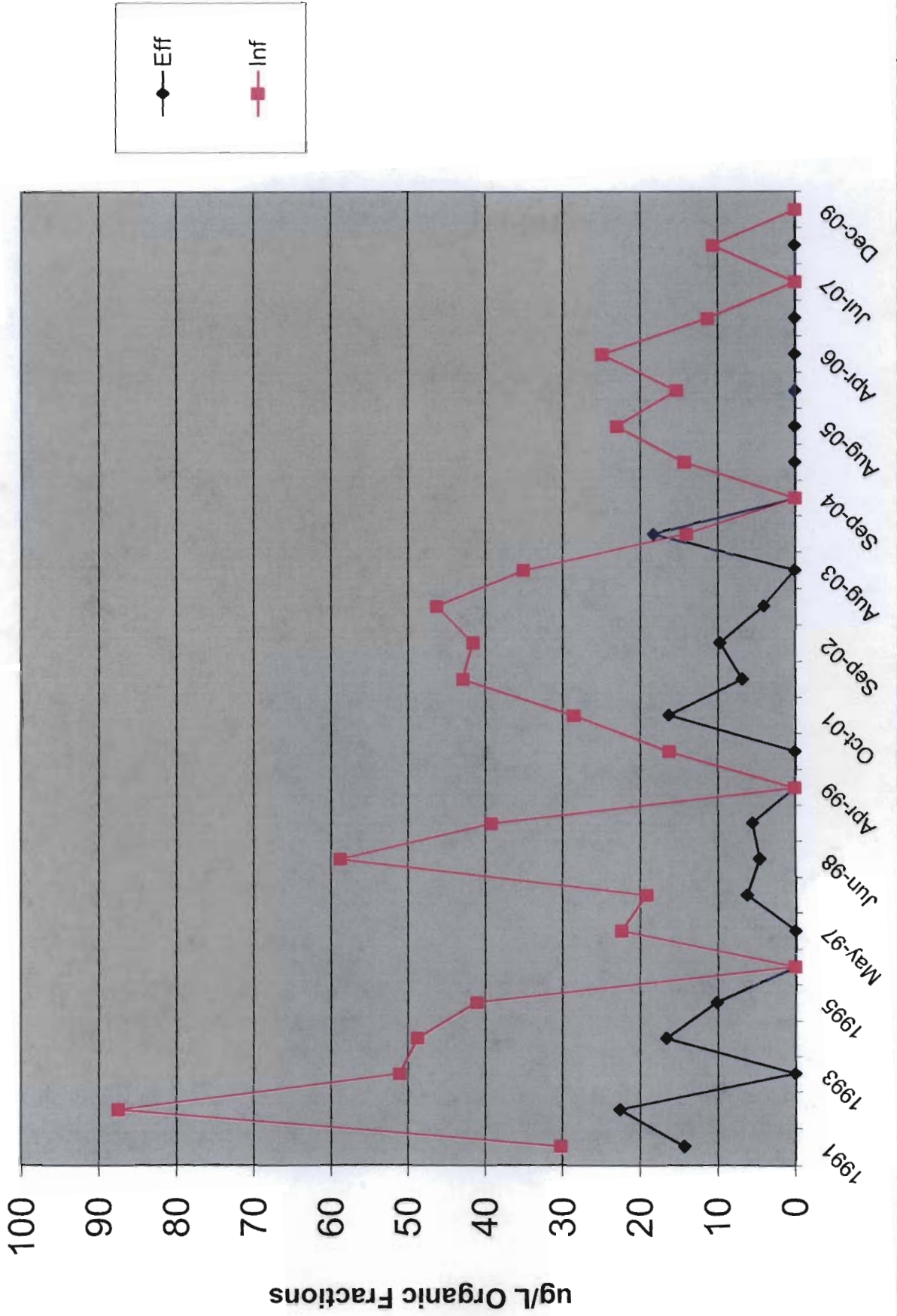
Adams Field Wastewater Treatment Plant - NPDES Permit No. AR0021806

	O&G	CN-	Zn	Cd	Cr	Ag	Cu	Mo	Ni	Pb	As	Se	Hg	Phenol	Sb	Be	TI	Mn	Ba	B
01/13/2009			73.9%	0.0%	66.7%	72.4%	83.0%	0.0%	12.2%	94.6%	0.0%	0.0%	93.2%	56.5%	0.0%	92.0%	-890.0%			
02/03/2009	88.9%	0.0%																		
04/06/2009			49.2%	0.0%	0.0%	33.3%	64.0%	0.0%	20.9%	75.6%	56.9%	0.0%	91.6%	47.4%	0.0%	0.0%	0.0%			
05/26/2009	44.4%	0.0%																		
7/7-8/2009			77.5%	10.7%	0.0%	79.2%	86.5%	0.0%	-41.7%	82.2%	53.8%	0.0%	93.2%	62.5%	0.0%	0.0%	0.0%	60.6%	70.0%	0.0%
9/1-2/2009	92.9%	0.0%																		
10/6-7/2009			68.8%	0.0%	0.0%	58.3%	76.3%	0.0%	36.6%	86.1%	0.0%	0.0%	95.6%	52.0%	0.0%	0.0%	0.0%			
11/10-11/2009	89.1%	89.1%																		
Average	78.8%	22.3%	67.3%	2.7%	16.7%	60.8%	77.5%	0.0%	7.0%	84.6%	27.7%	0.0%	93.4%	54.6%	0.0%	23.0%	-222.5%	60.6%	70.0%	0.0%

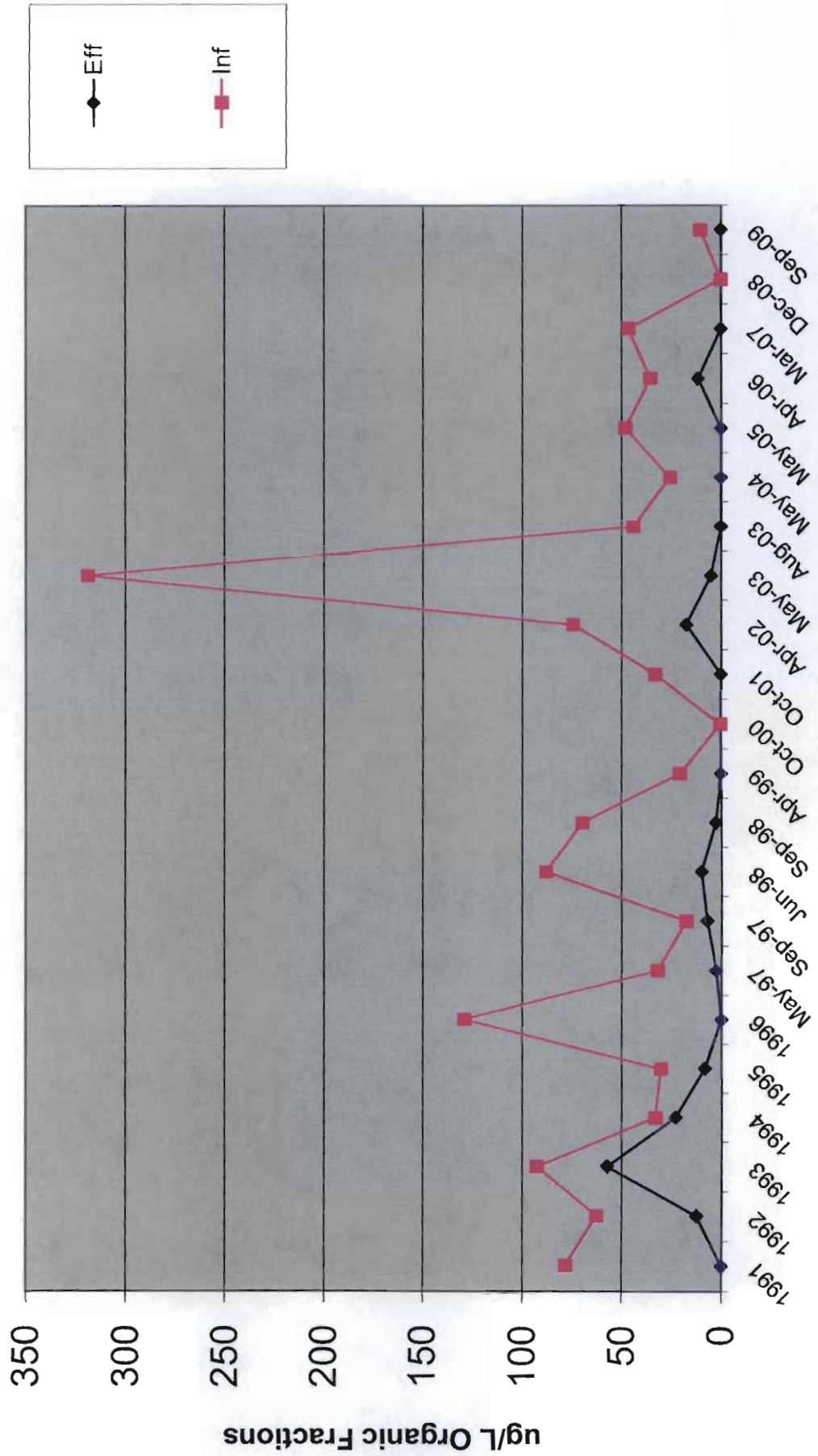
Fourche Creek Wastewater Treatment Plant - NPDES Permit No. AR0040177

	O&G	CN-	Zn	Cd	Cr	Ag	Cu	Mo	Ni	Pb	As	Se	Hg	Phenol	Sb	Be	TI	Mn	Ba	B
01/13/2009			85.4%	0.0%	85.7%	92.0%	58.7%	0.0%	77.6%	86.1%	43.2%	0.0%	87.5%	84.4%	-244.2%	98.0%	50.0%			
02/03/2009	0.0%	0.0%																		
05/05/2009			77.5%	40.0%	88.9%	69.2%	83.2%	0.0%	49.3%	95.8%	71.9%	0.0%	81.9%	28.6%	0.0%	25.9%	0.0%			
05/26/2009	68.8%	-150.0%																		
7/7-8/2009			79.4%	0.0%	0.0%	25.4%	93.1%	0.0%	75.9%	81.4%	35.7%	0.0%	88.0%	92.2%	0.0%	0.0%	0.0%	82.1%	91.2%	0.0%
9/1-2/2009	89.4%	-200.0%																		
10/6-7/2009			76.2%	70.6%	0.0%	0.0%	72.0%	0.0%	36.2%	79.3%	0.0%	0.0%	87.8%	79.2%	0.0%	0.0%	0.0%			
11/10-11/2009	91.5%	-100.0%																		
Average	62.4%	-112.5%	77.7%	27.6%	43.7%	46.7%	76.7%	0.0%	59.7%	85.7%	37.7%	0.0%	86.3%	71.1%	-61.1%	31.0%	12.5%	82.1%	91.2%	0.0%

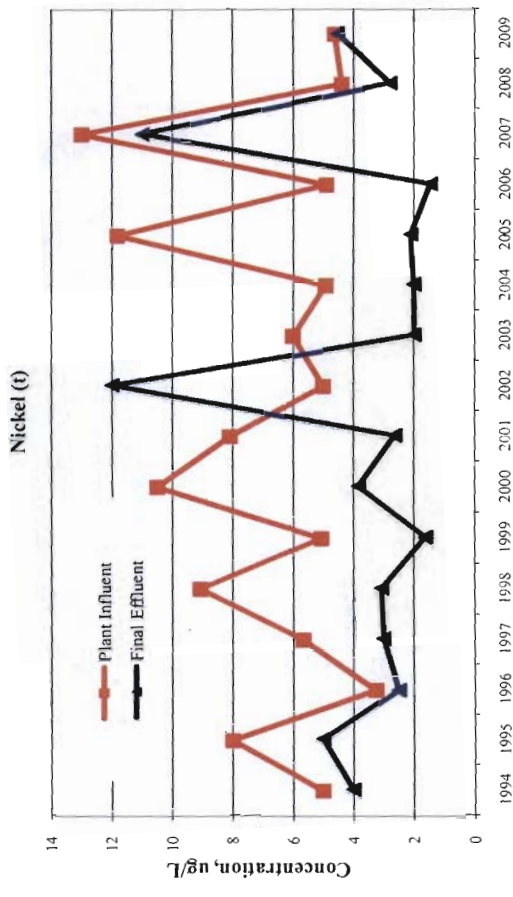
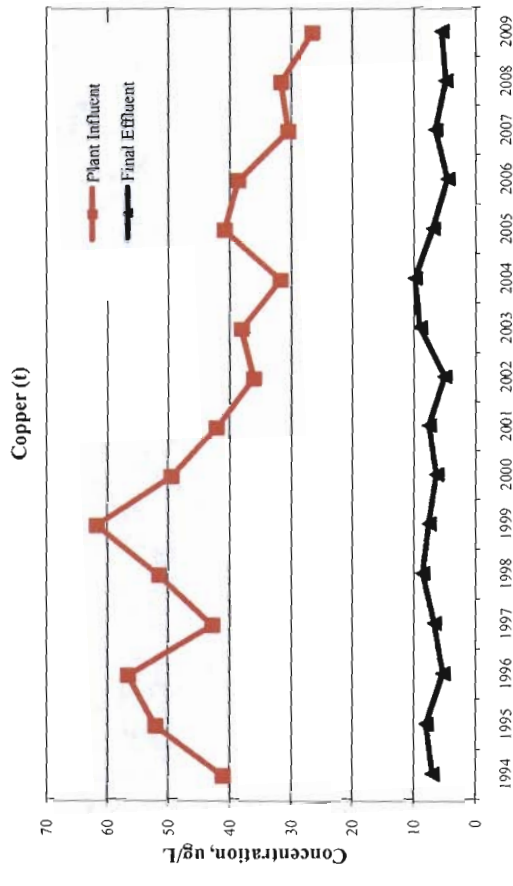
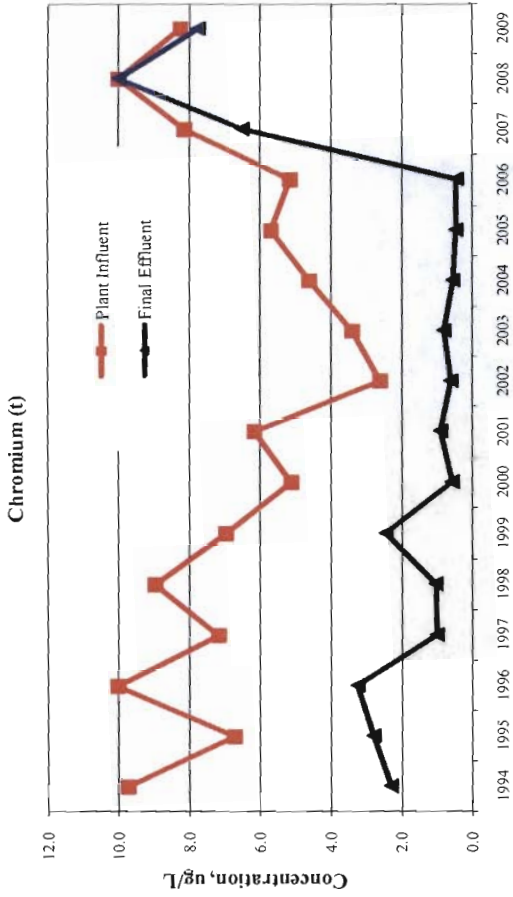
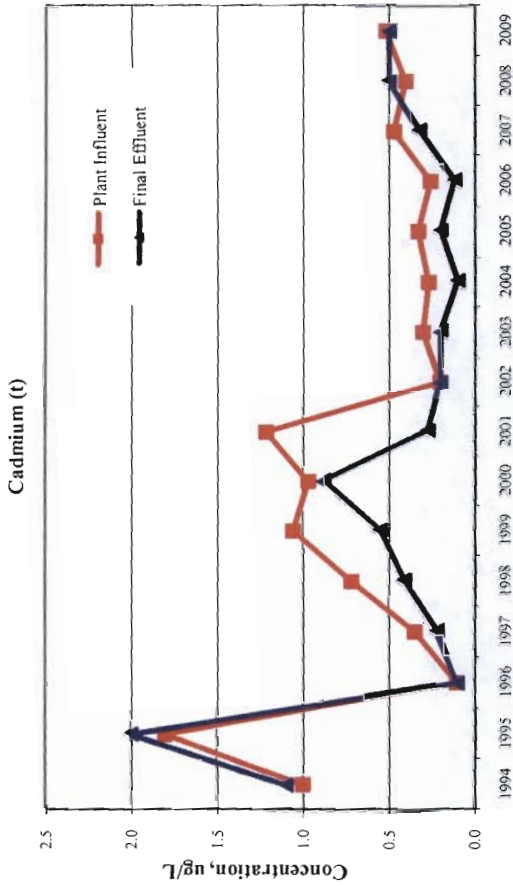
Adams Field WWTP



Fourche Creek WWTP

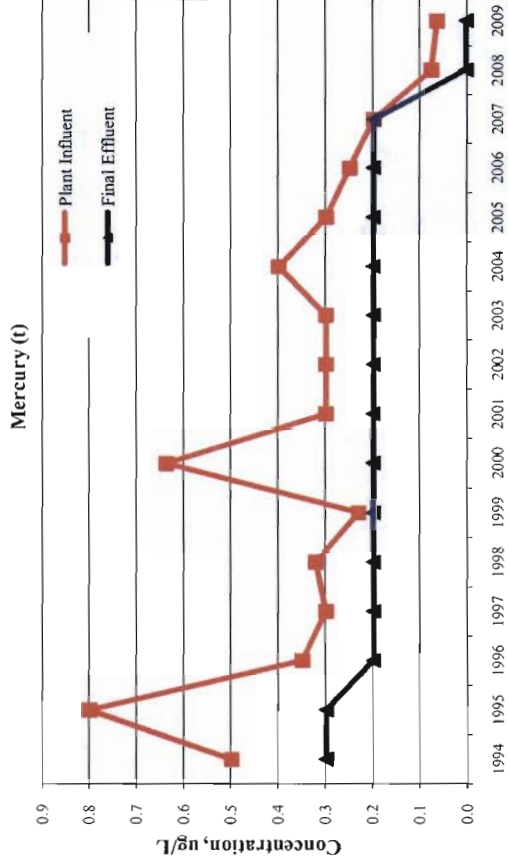
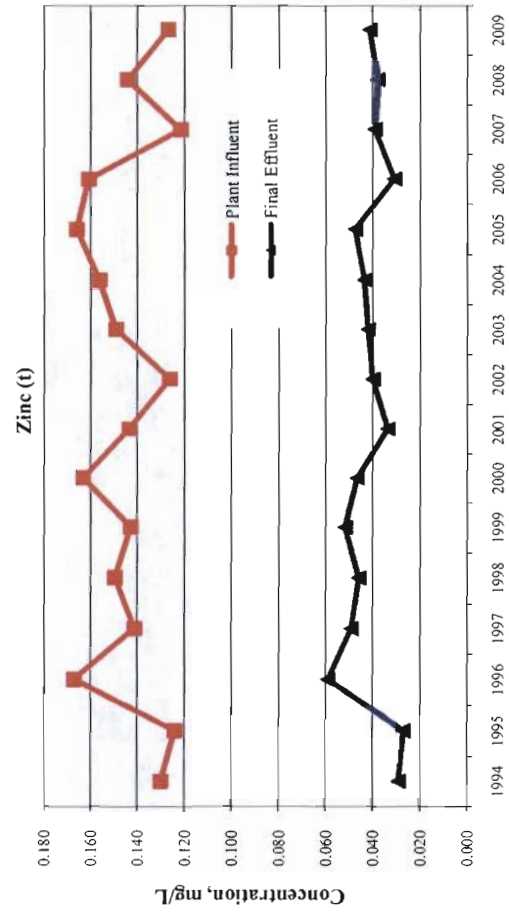
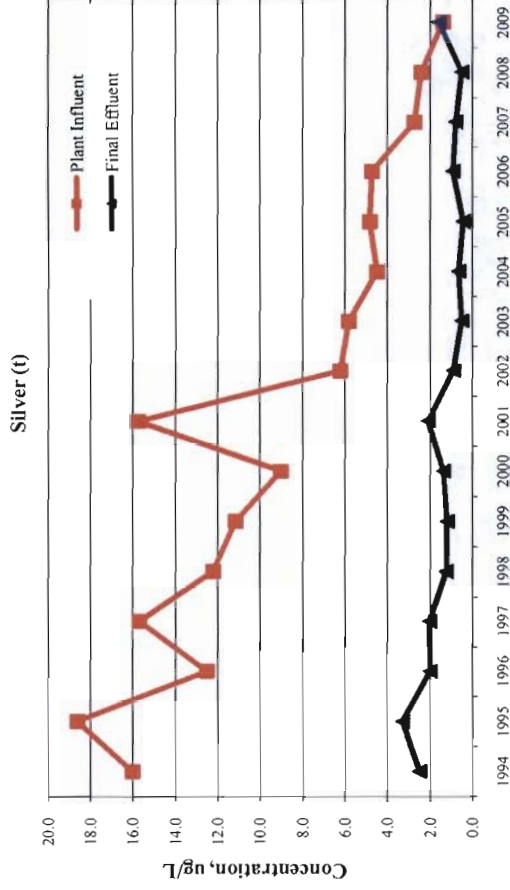
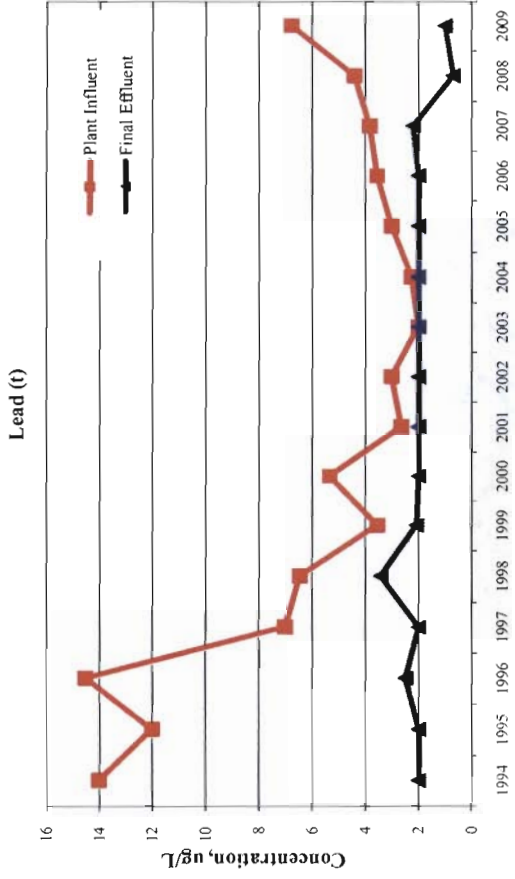


**LITTLE ROCK WASTEWATER
ENVIRONMENTAL ASSESSMENT DIVISION
ADAMS FIELD TREATMENT PLANT CONCENTRATION TRENDS
1994 THROUGH 2009**



	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

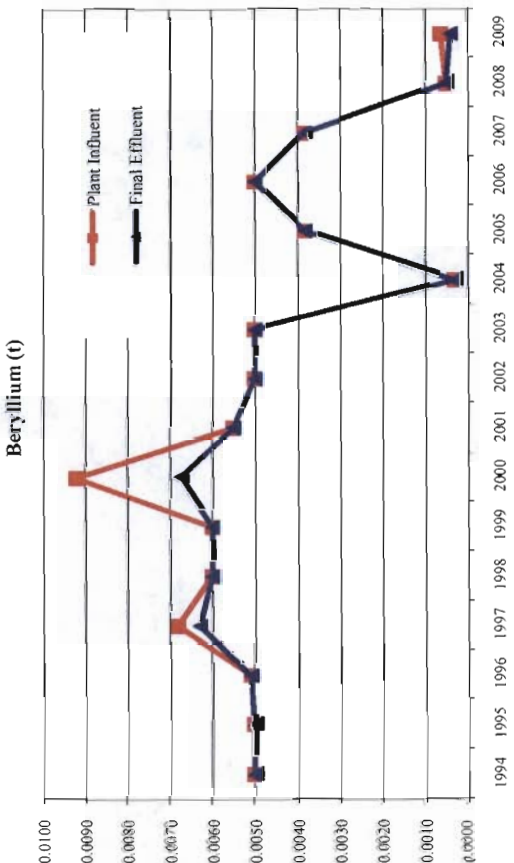
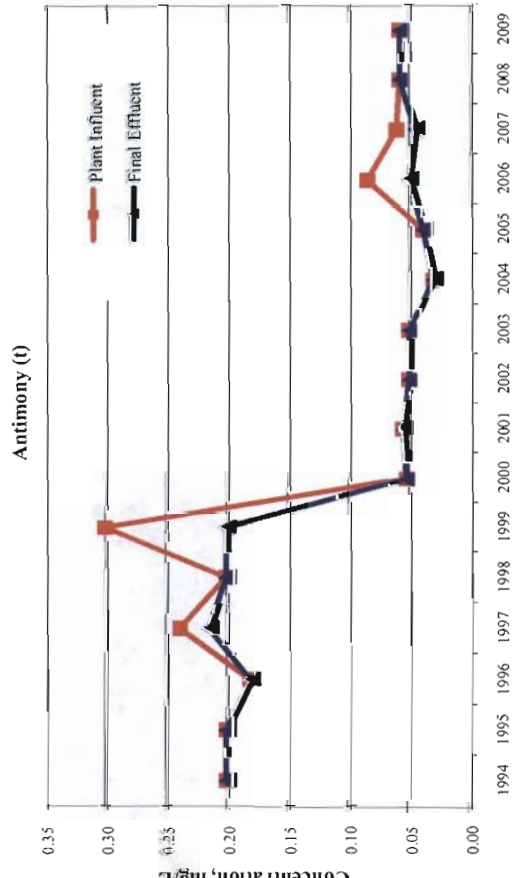
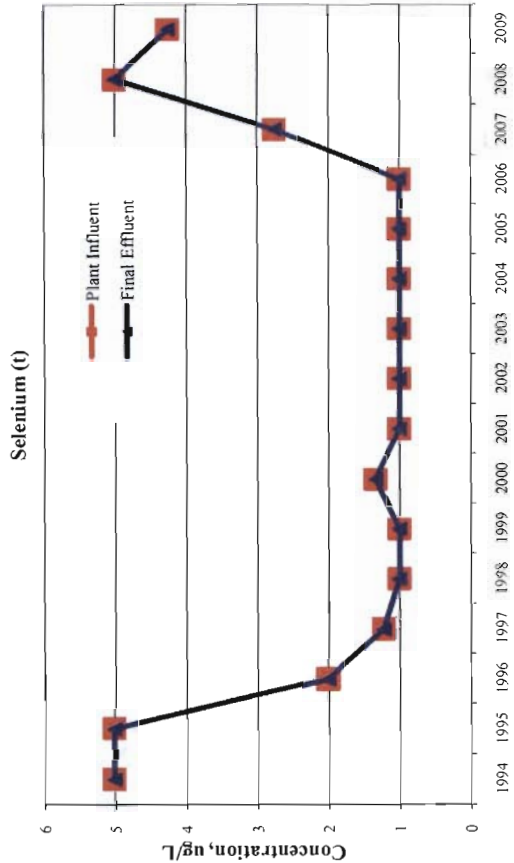
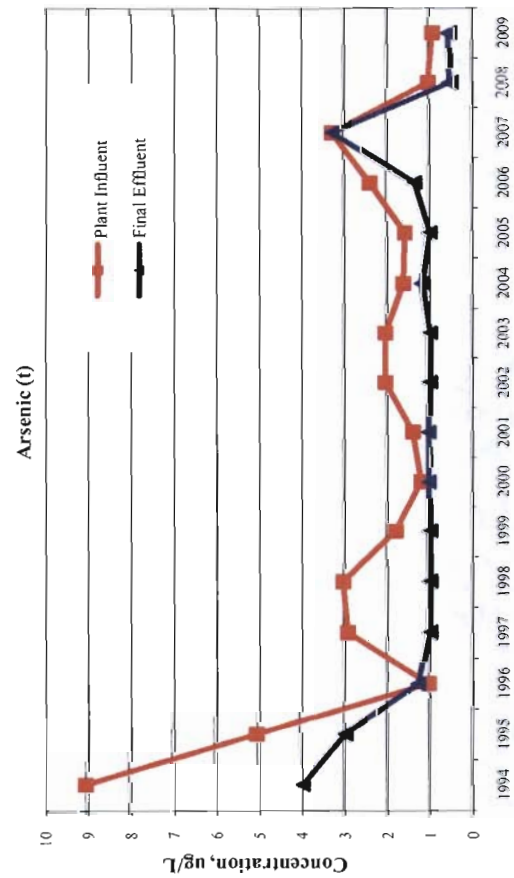
**LITTLE ROCK WASTEWATER
ENVIRONMENTAL ASSESSMENT DIVISION
ADAMS FIELD TREATMENT PLANT CONCENTRATION TRENDS
1994 THROUGH 2009**



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

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

**LITTLE ROCK WASTEWATER
ENVIRONMENTAL ASSESSMENT DIVISION
ADAMS FIELD TREATMENT PLANT CONCENTRATION TRENDS
1994 THROUGH 2009**



Influent Headworks Limit
Effluent Water Quality Criteria (Acute)

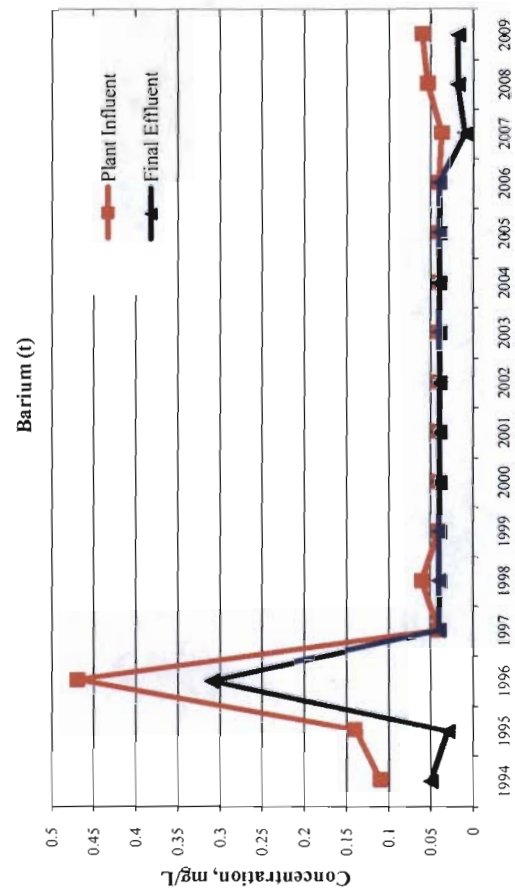
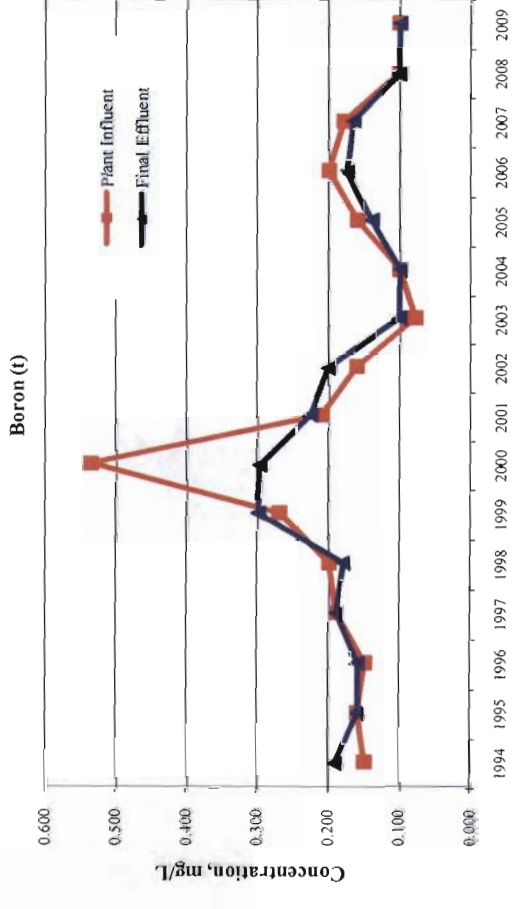
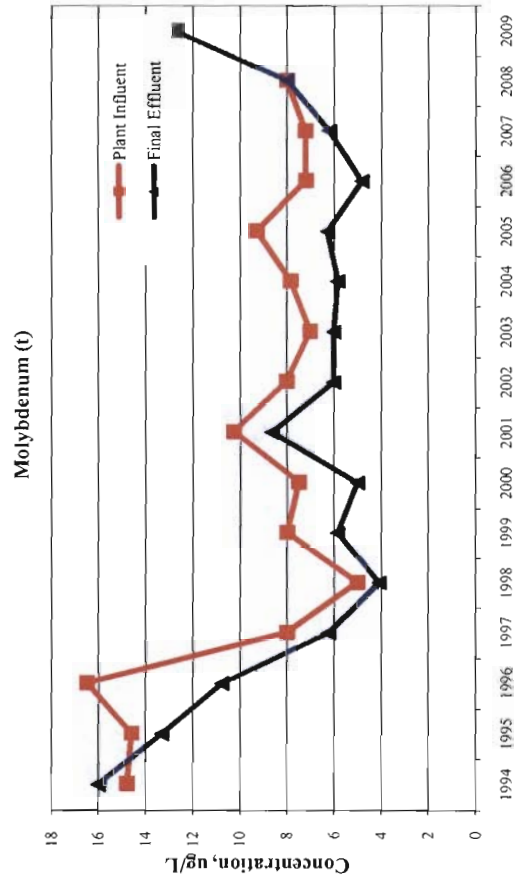
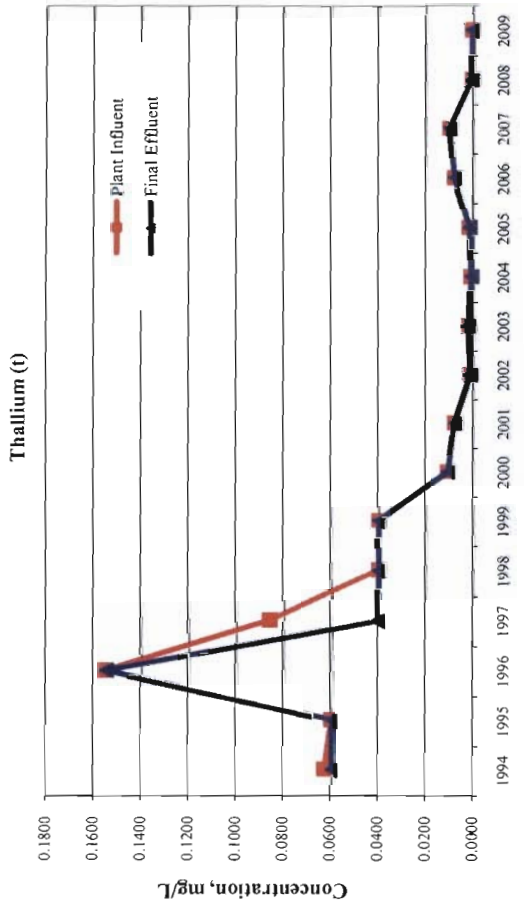
Antimony (t)
None
None

Selenium (t)
10 ug/L
28 ug/L

Beryllium (t)
None
None

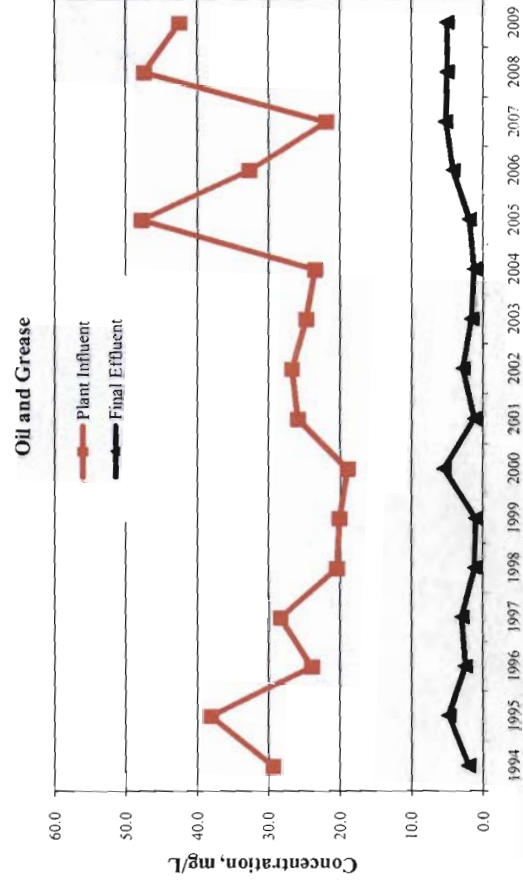
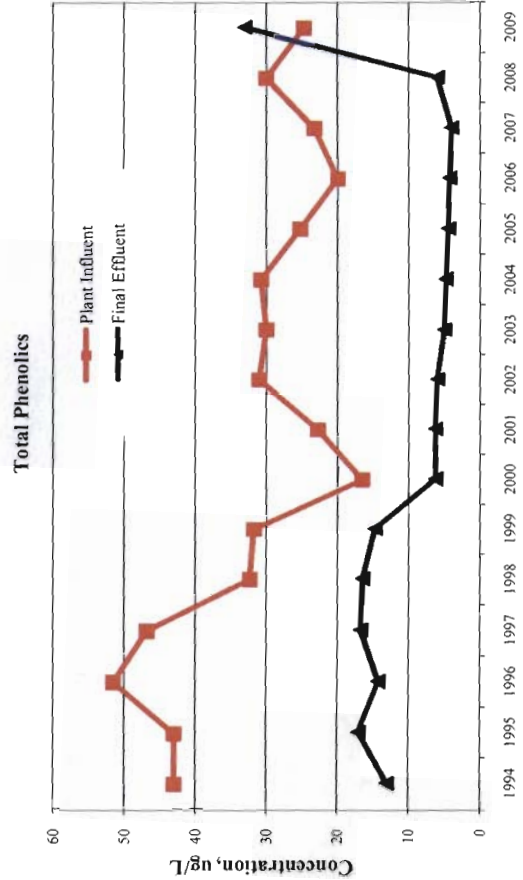
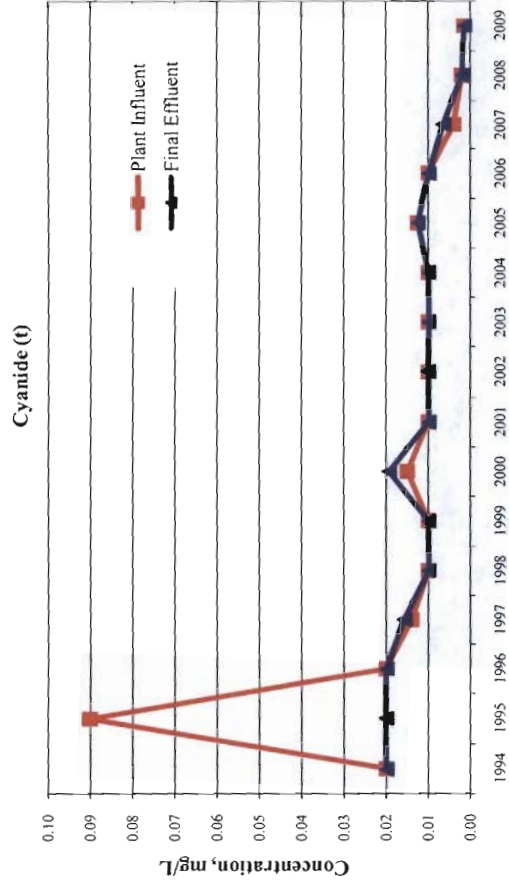
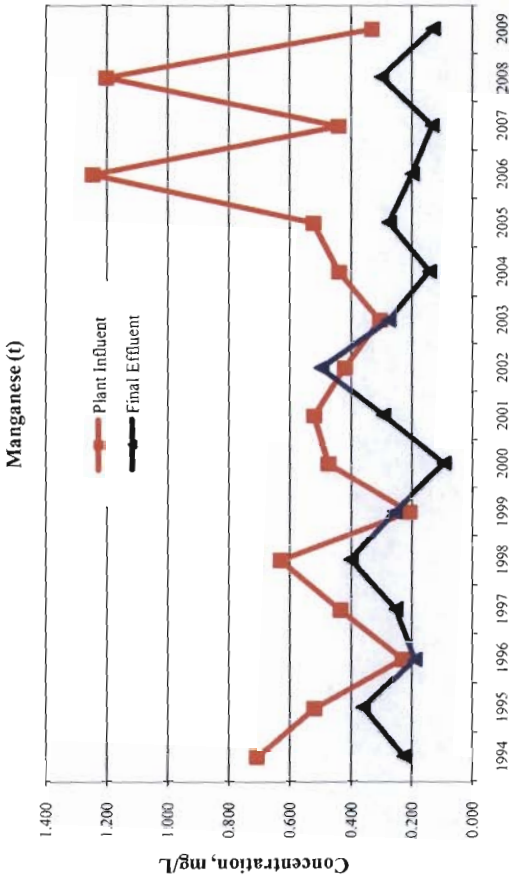
Arsenic (t)
14 ug/L
1,190 ug/L

**LITTLE ROCK WASTEWATER
ENVIRONMENTAL ASSESSMENT DIVISION
ADAMS FIELD TREATMENT PLANT CONCENTRATION TRENDS
1994 THROUGH 2009**



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

**LITTLE ROCK WASTEWATER
ENVIRONMENTAL ASSESSMENT DIVISION
ADAMS FIELD TREATMENT PLANT CONCENTRATION TRENDS
1994 THROUGH 2009**



Manganese (t)
None
None

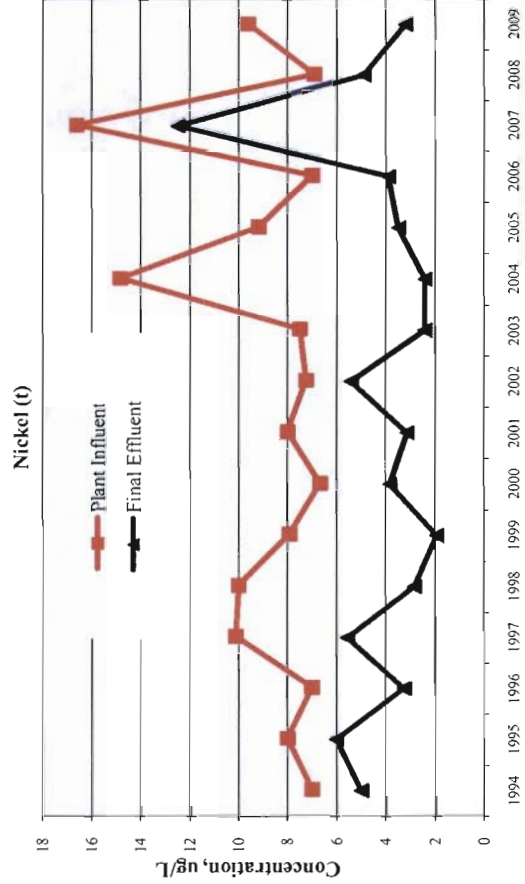
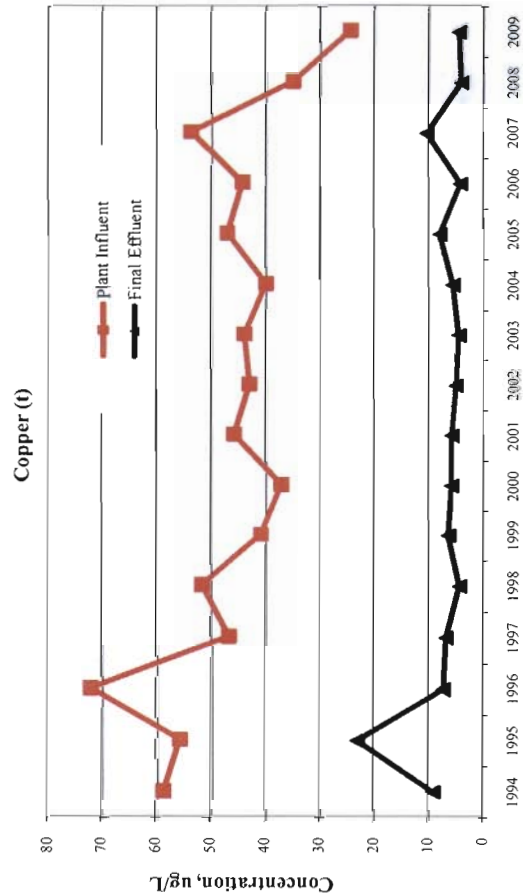
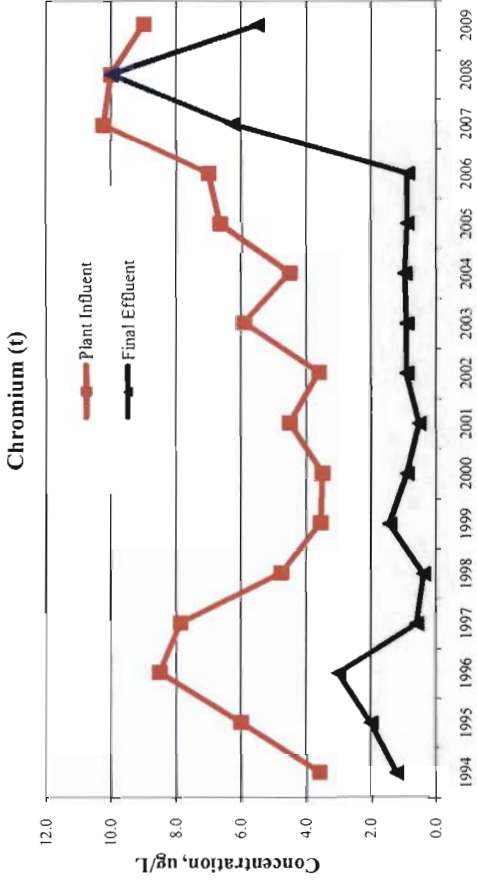
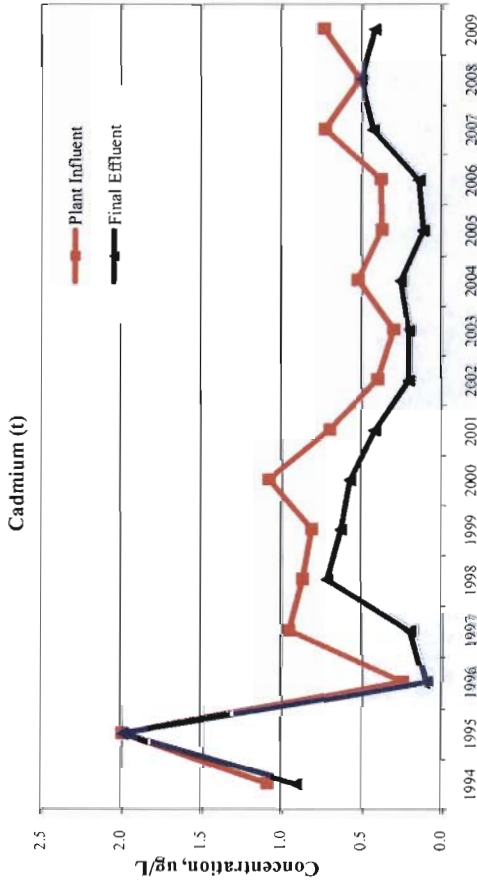
Influent Headworks Limit
Effluent Water Quality Criteria (Acute)

Total Phenols
None
None

Cyanide (t)
0.09 mg/L
0.29 mg/L

Oil & Grease
None
None

**LITTLE ROCK WASTEWATER
ENVIRONMENTAL ASSESSMENT DIVISION
FOURCHE CREEK TREATMENT PLANT CONCENTRATION TRENDS
1994 THROUGH 2009**



Cadmium(t)
9 ug/L
53 ug/L

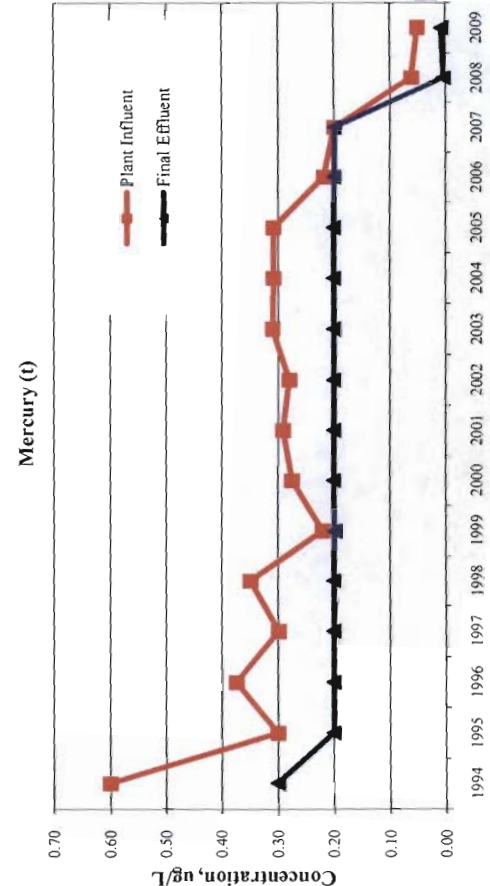
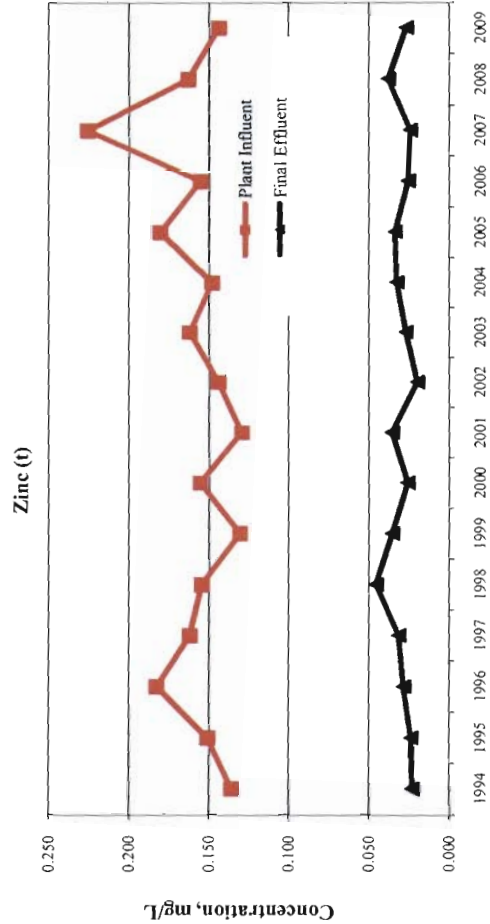
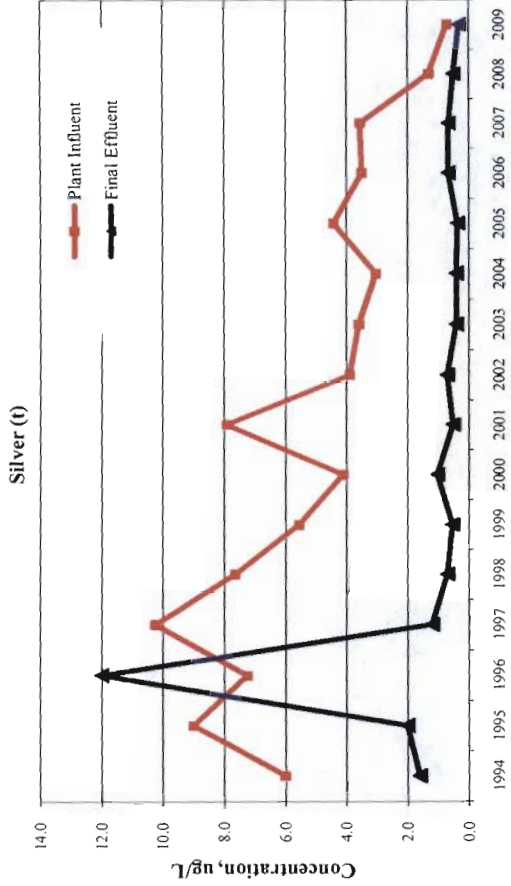
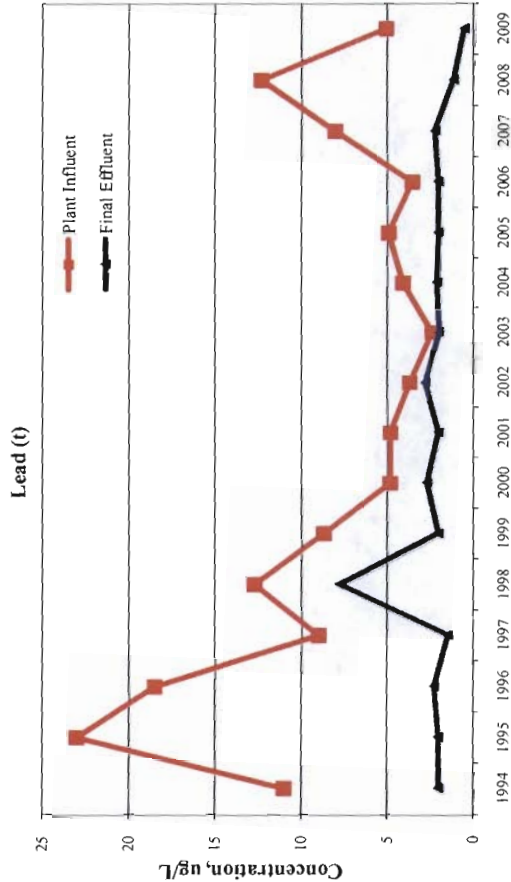
Copper (t)
270 ug/L
395 ug/L

Chromium (t)
260 ug/L
11,700 ug/L

Nickel(t)
160 ug/L
4,980 ug/L

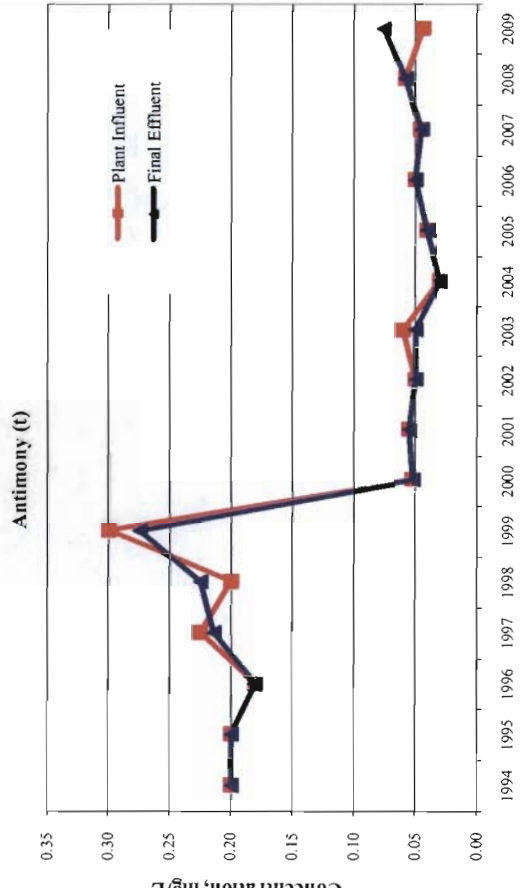
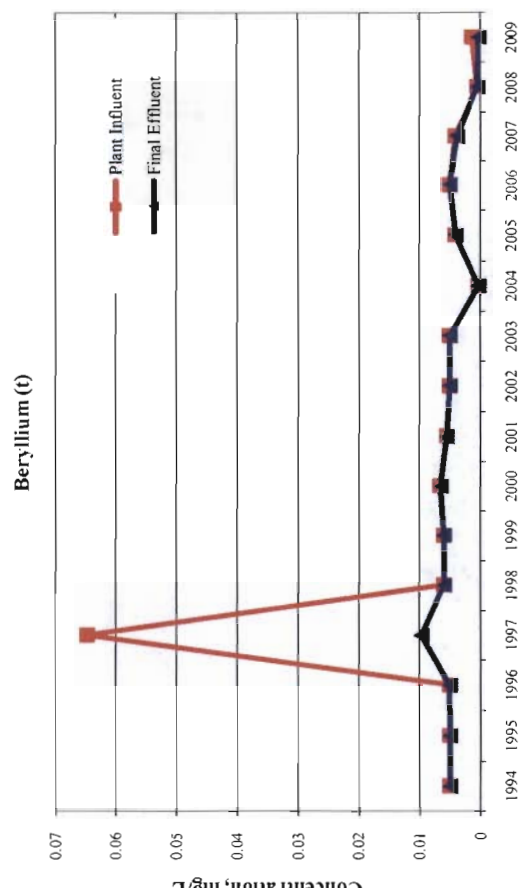
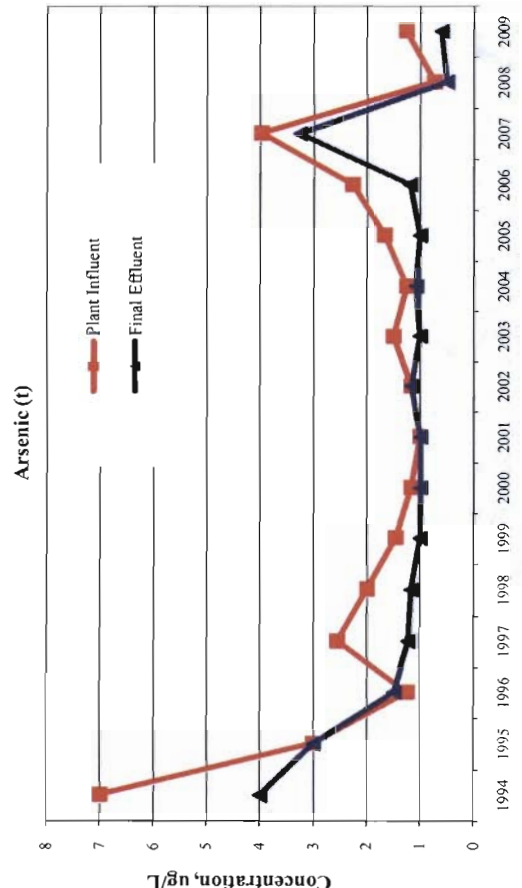
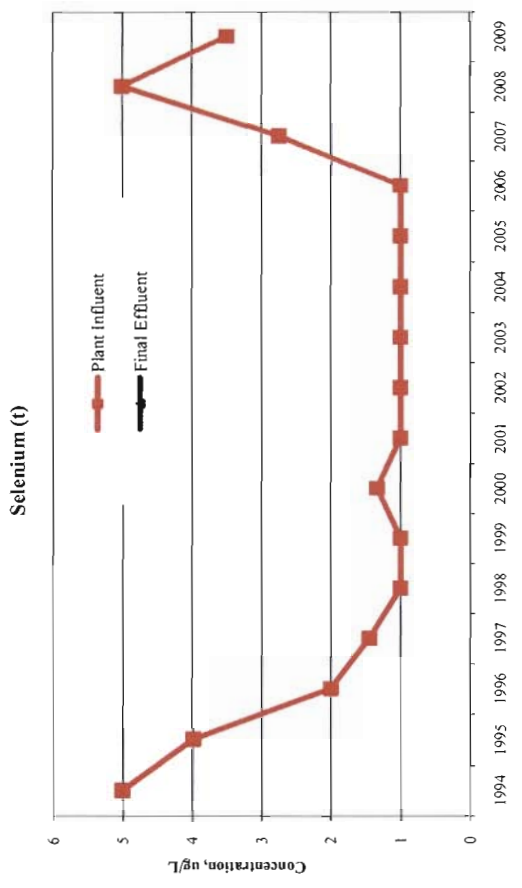
Influent Headworks Limit
Effluent Water Quality Criteria

**LITTLE ROCK WASTEWATER
ENVIRONMENTAL ASSESSMENT DIVISION
FOURCHE CREEK TREATMENT PLANT CONCENTRATION TRENDS
1994 THROUGH 2009**



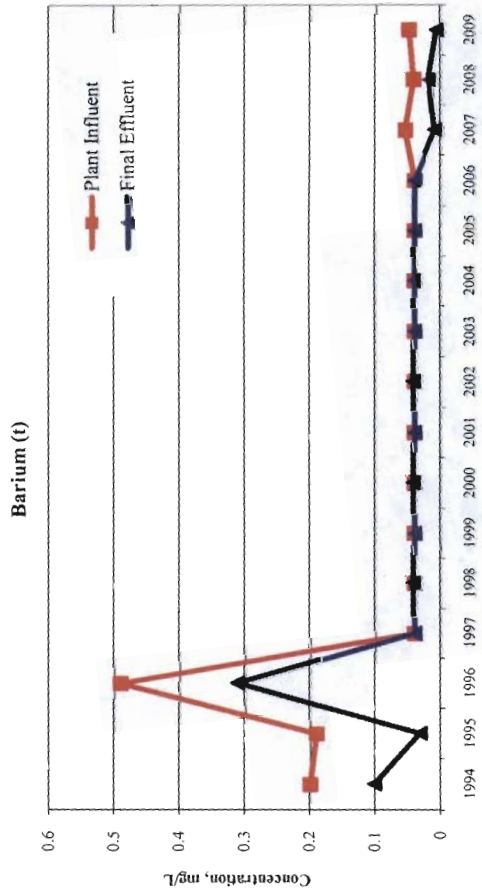
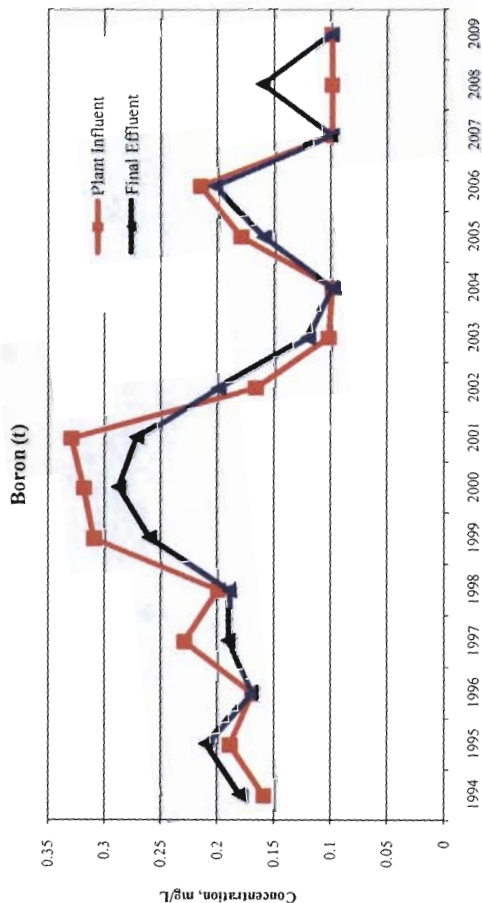
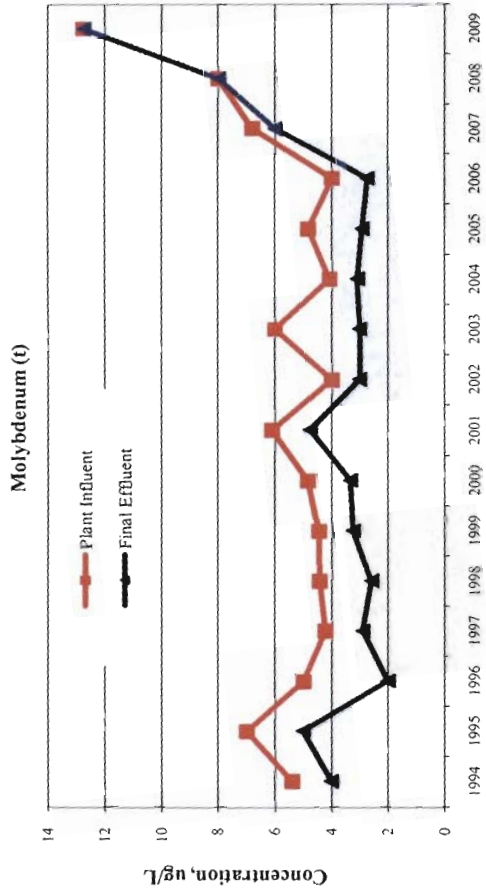
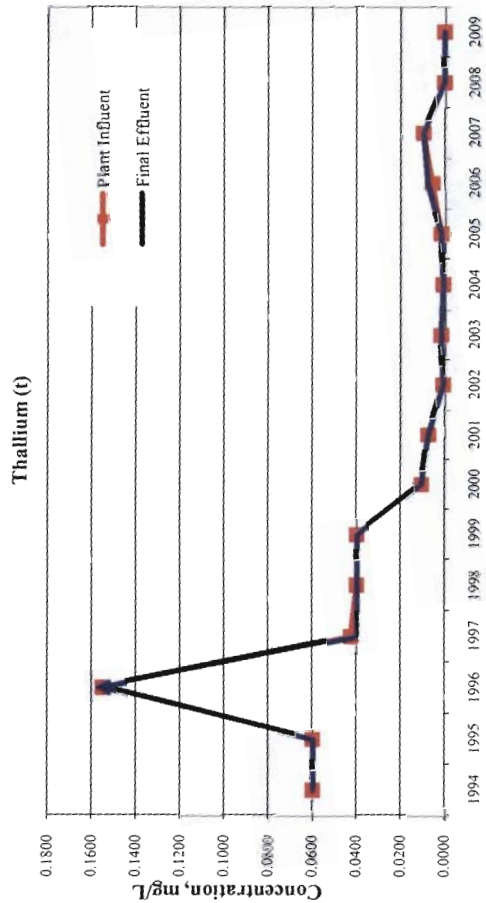
	Influent	Effluent
Lead (t)	50 ug/L	197 ug/L
Zinc (t)	0.36 mg/L	2.46 mg/L
Silver (t)	180 ug/L	56 ug/L
Mercury (t)	0.2 ug/L	0.14 ug/L

**LITTLE ROCK WASTEWATER
ENVIRONMENTAL ASSESSMENT DIVISION
FOURCHE CREEK TREATMENT PLANT CONCENTRATION TRENDS
1994 THROUGH 2009**



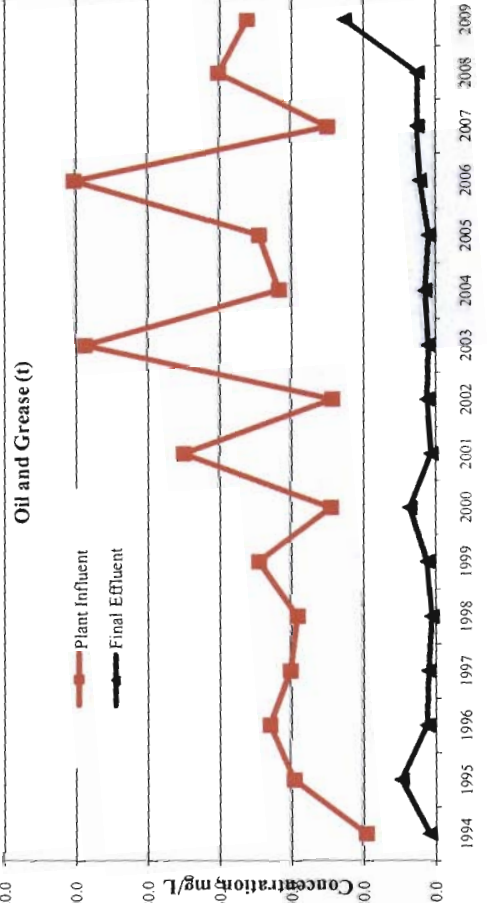
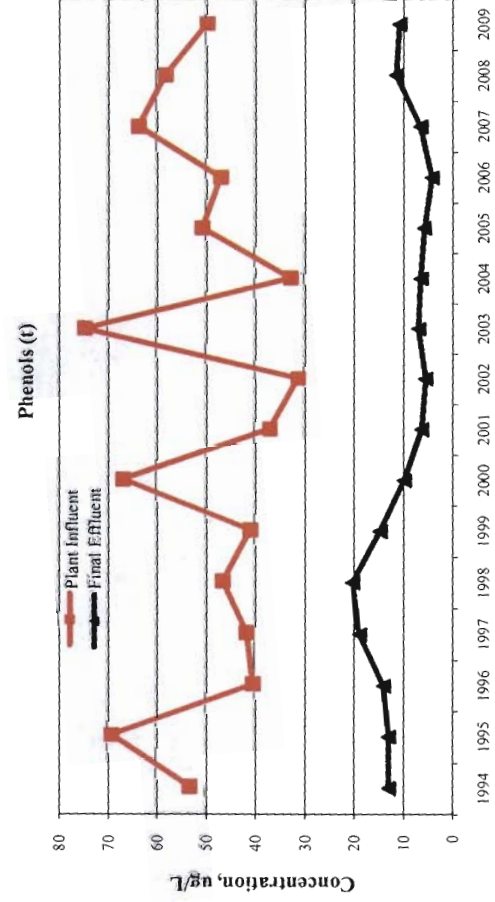
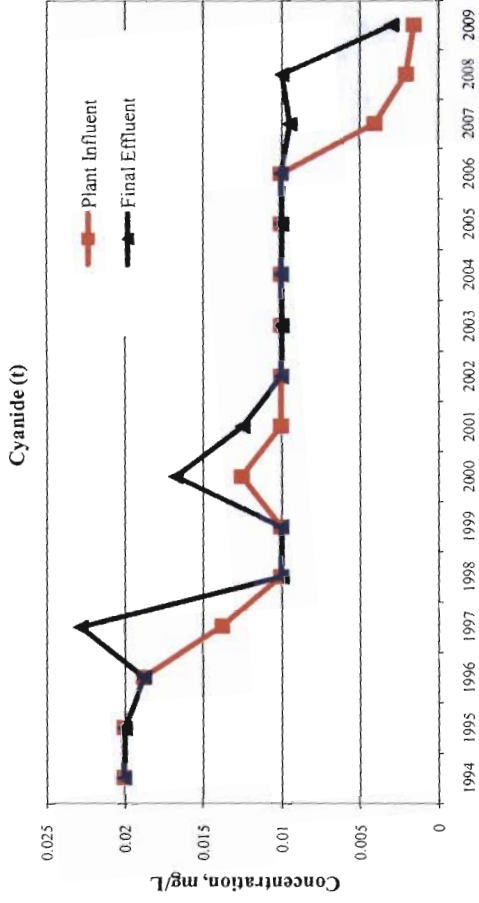
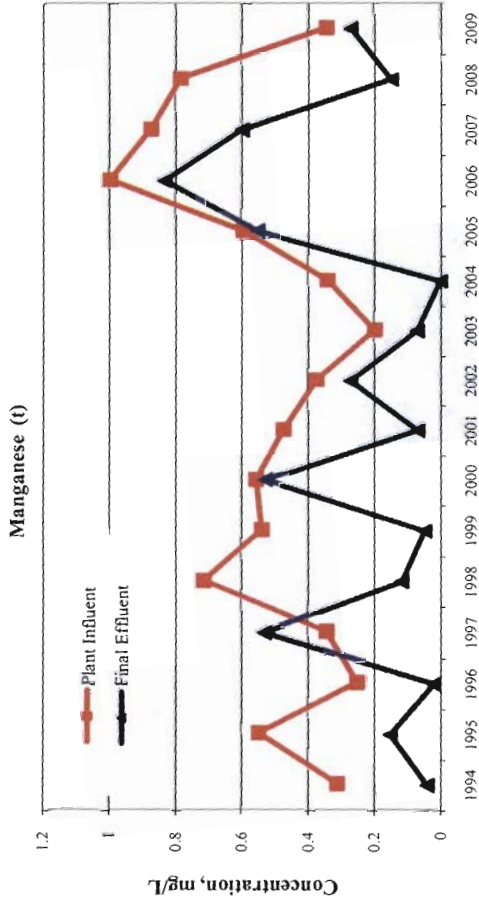
	Arsenic (t)	Antimony (t)	Selenium (t)	Beryllium (t)
Influent Headworks Limit	14 ug/L	None	10 ug/L	None
Effluent Water Quality Criteria	3,440 ug/L	None	56 ug/L	None

**LITTLE ROCK WASTEWATER
 ENVIRONMENTAL ASSESSMENT DIVISION
 FOURCHE CREEK TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2009**



	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
 ENVIRONMENTAL ASSESSMENT DIVISION
 FOURCHE CREEK TREATMENT PLANT CONCENTRATION TRENDS
 1994 THROUGH 2009**



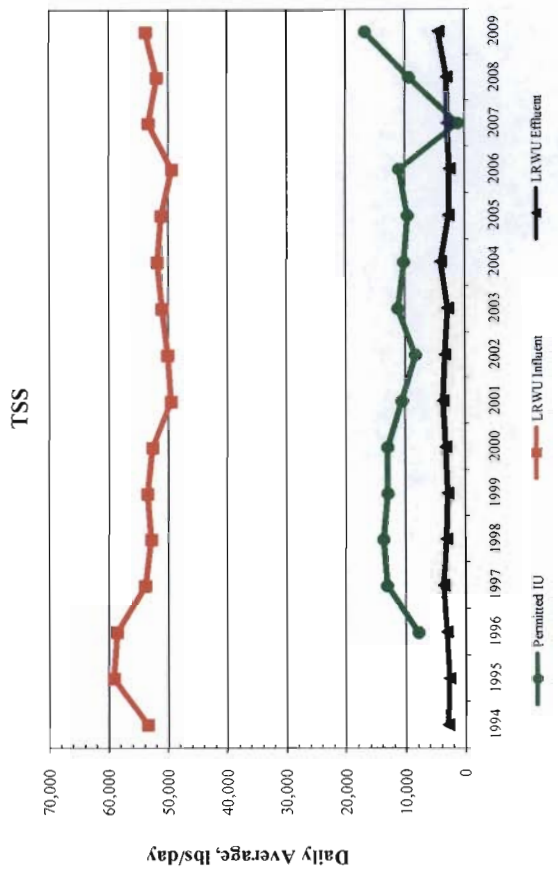
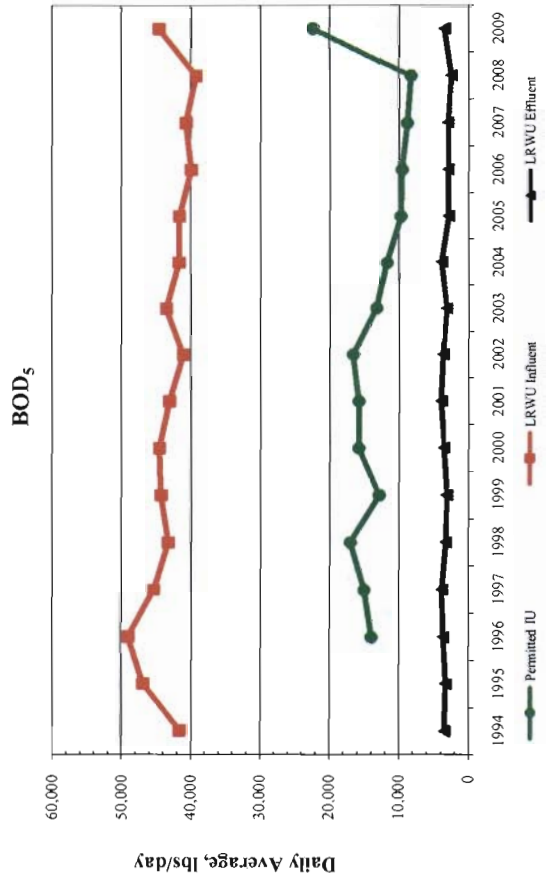
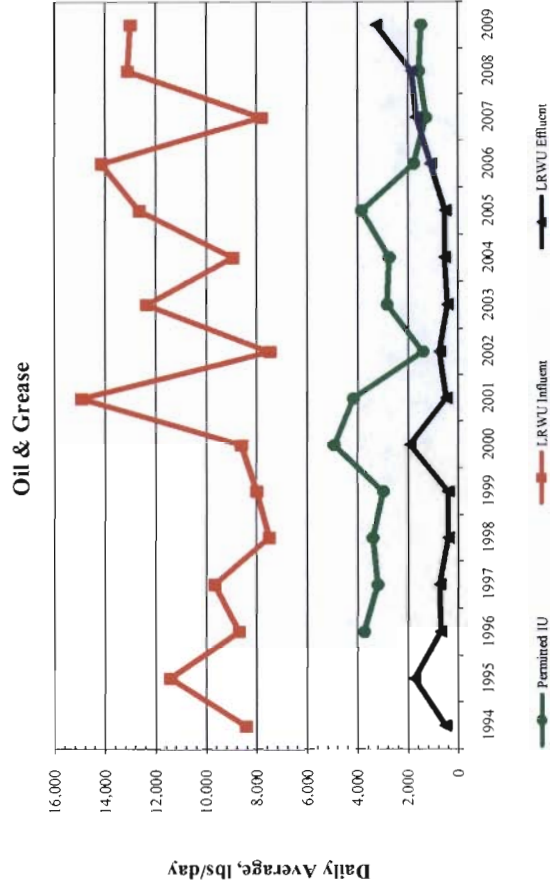
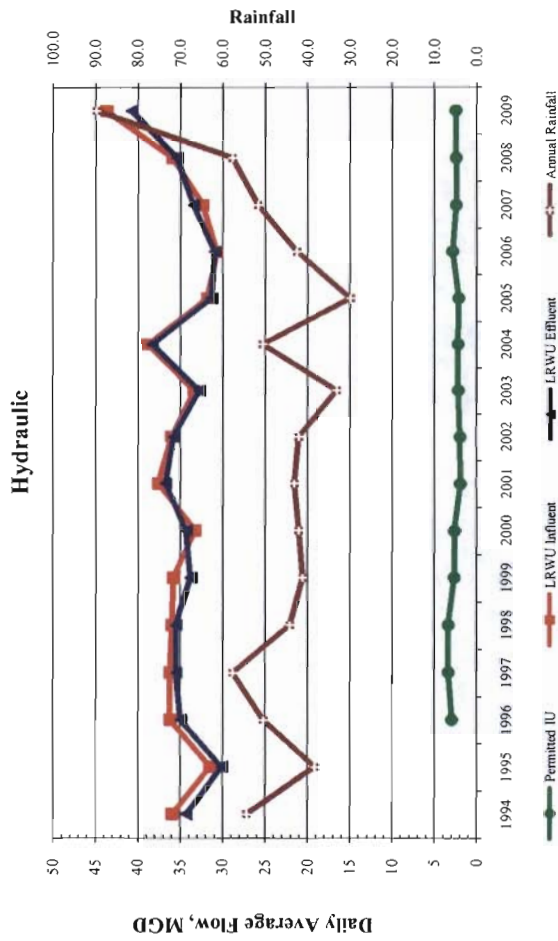
	Influent Headworks Limit	Effluent Water Quality Criteria	Manganese (t)	Total Phenols	Cyanide (t)	Oil & Grease
	None	None	None	None	0.09 mg/L	None
	None	None	None	None	0.058 mg/L	None

SUMMARY OF LOADING TRENDS

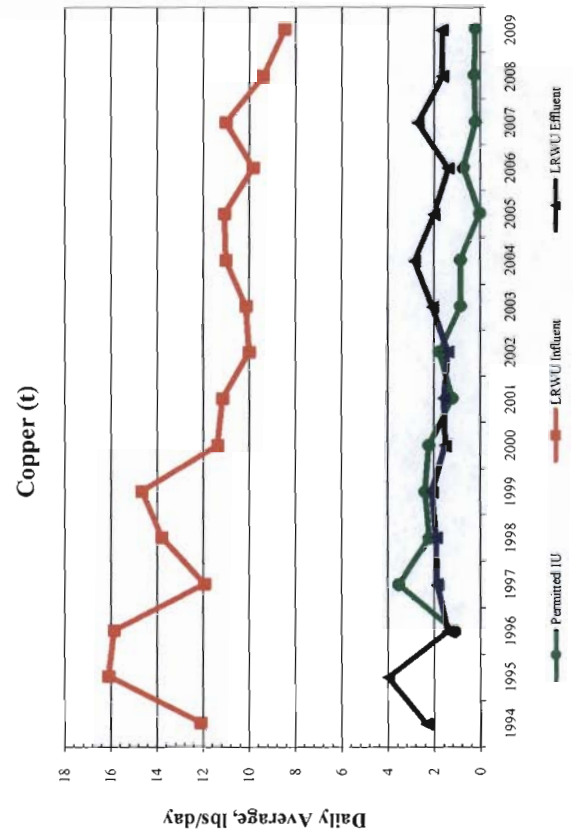
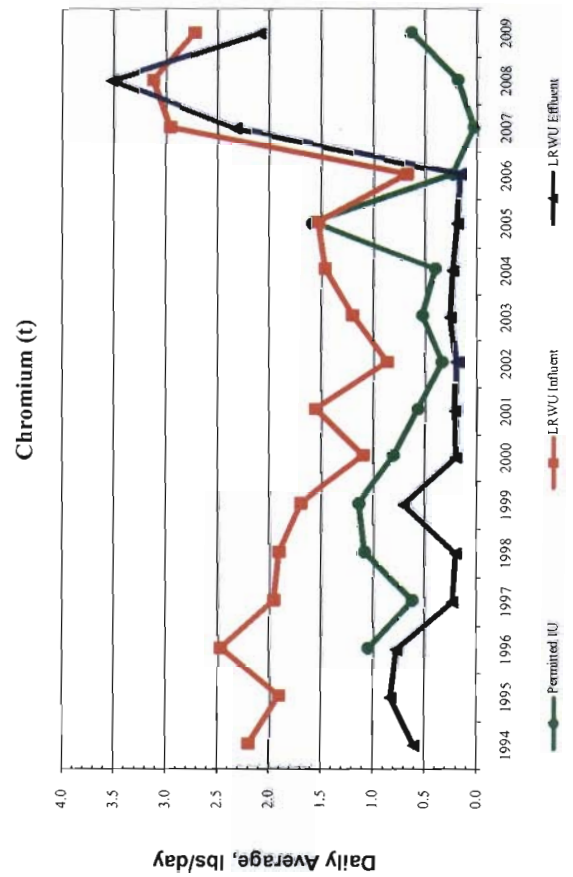
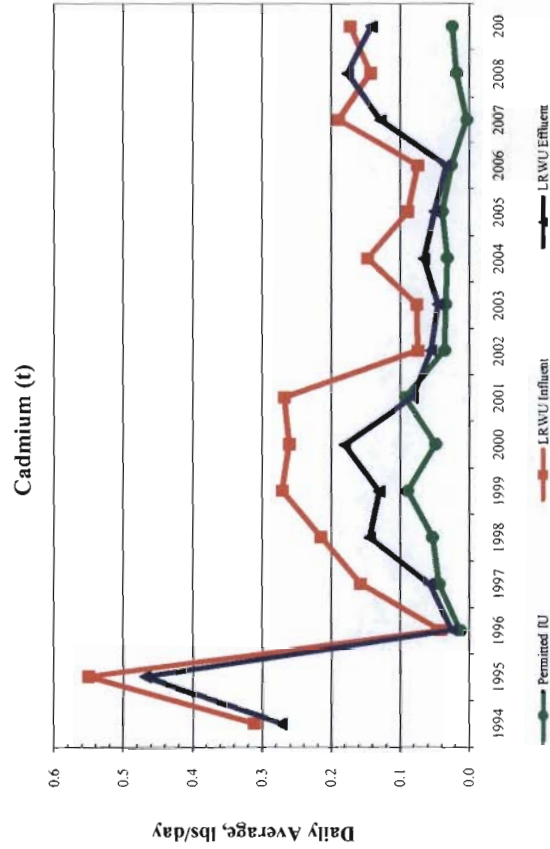
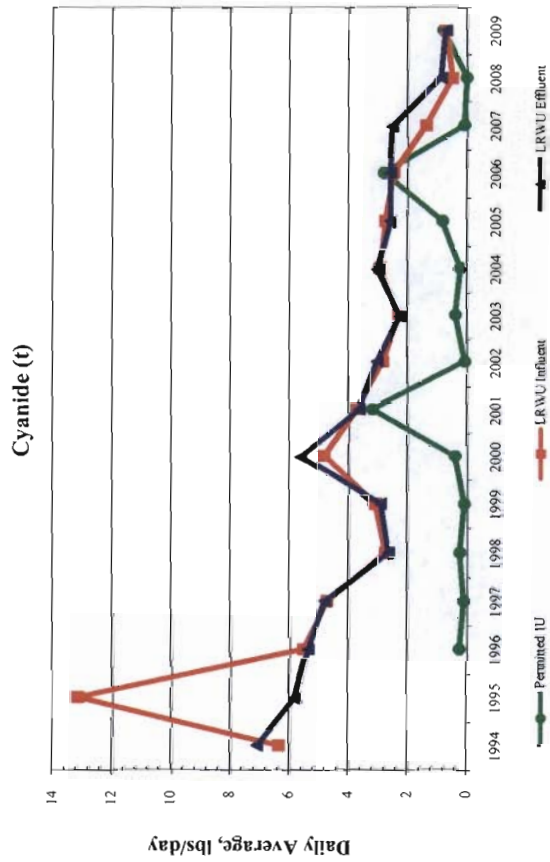
Trend charts are used to evaluate pollutant loading for the Little Rock Wastewater (LRW) system and to evaluate Industrial User (IU) contributions. The charts are organized in the following order:

- Total System Loading Trends – Charts were developed showing 1994 - 2009 loading, lbs/day, to the total LRW 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 - 2009 – 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 - 2009. These charts reveal trends in loading for each treatment plant. (% removal efficiencies, based on influent/effluent concentration values, can be found in Section VI of this report.)

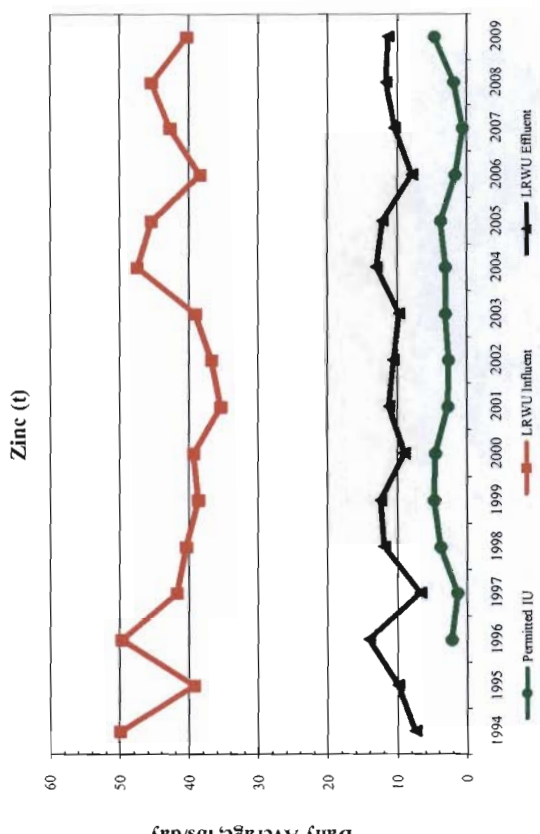
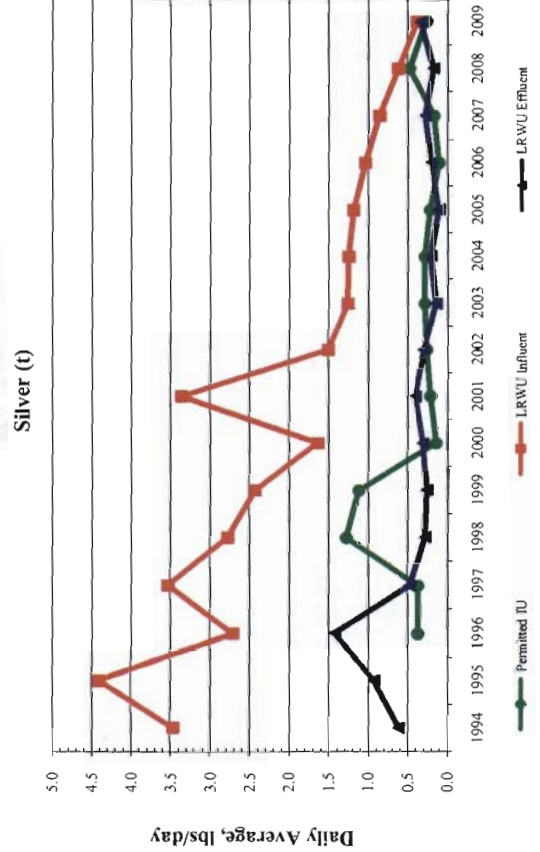
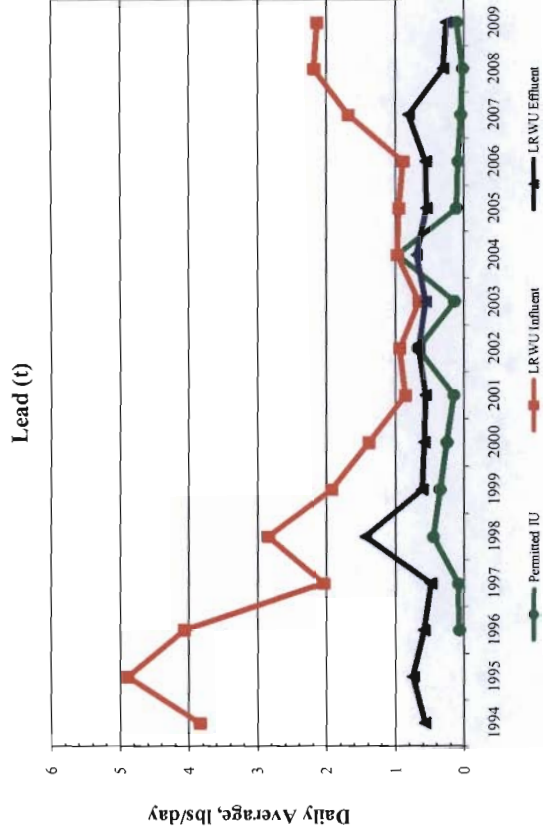
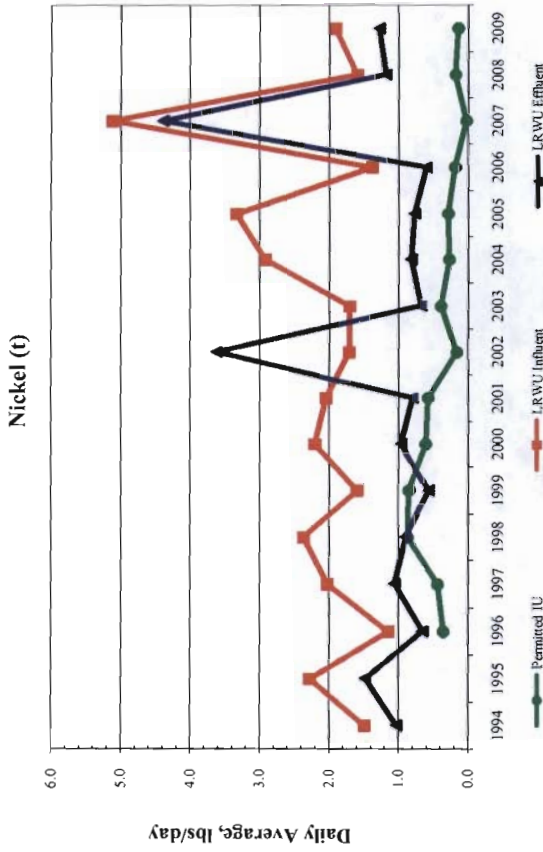
**LITTLE ROCK WASTEWATER
ENVIRONMENTAL ASSESSMENT DIVISION
LRWU TOTAL SYSTEM LOADING TRENDS**



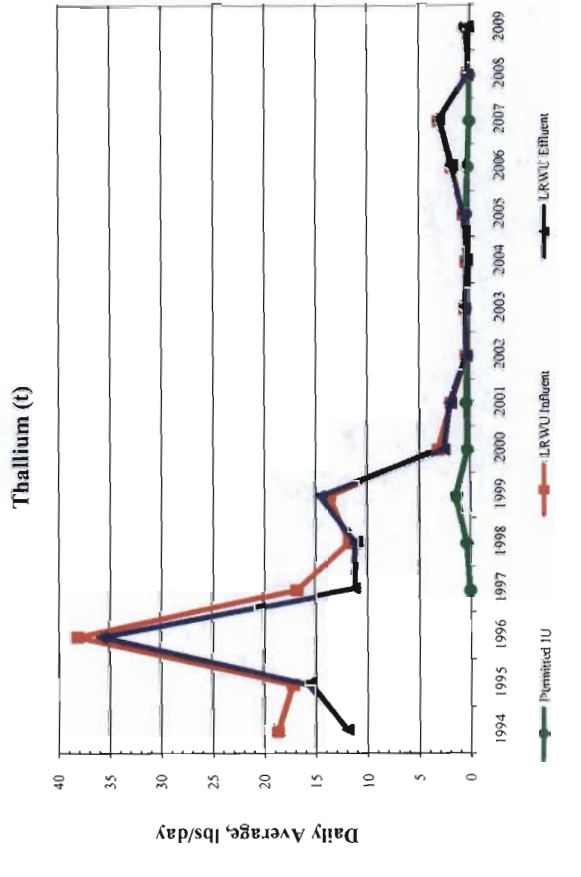
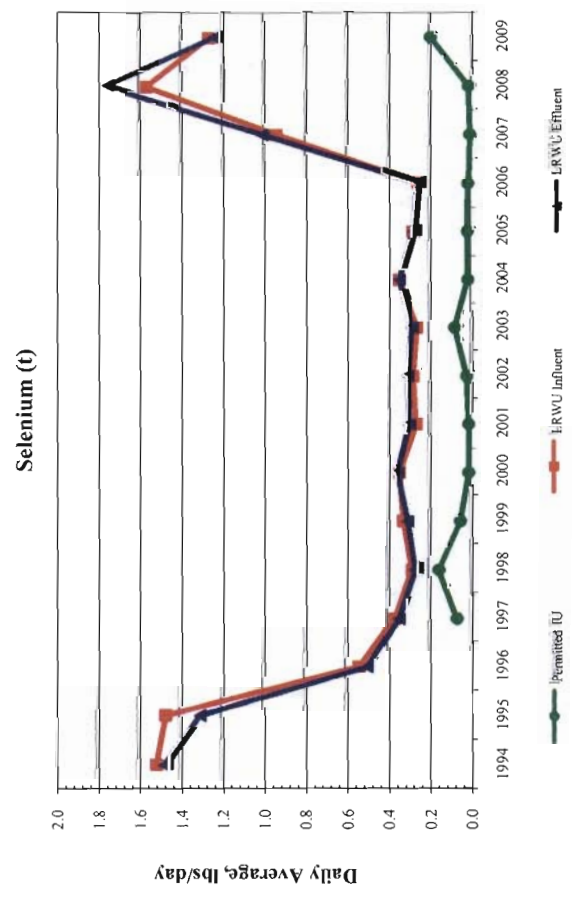
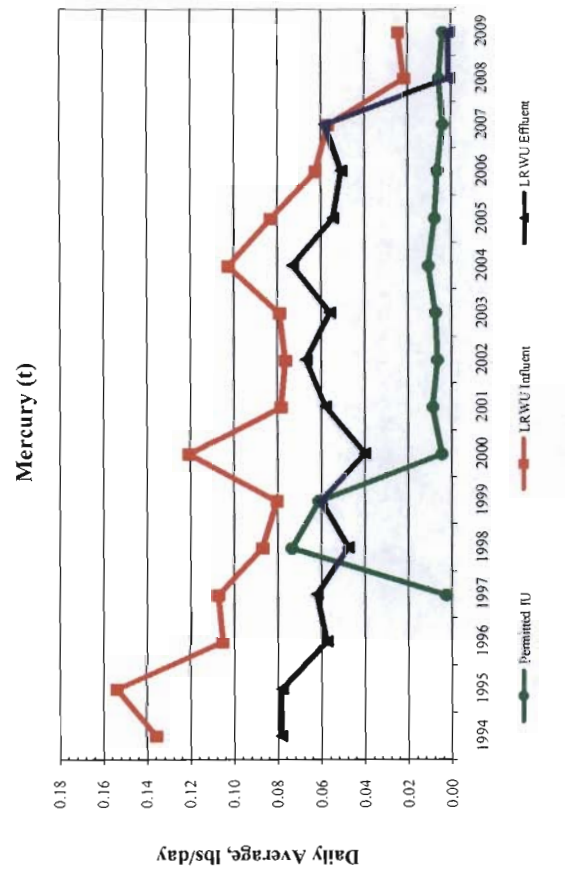
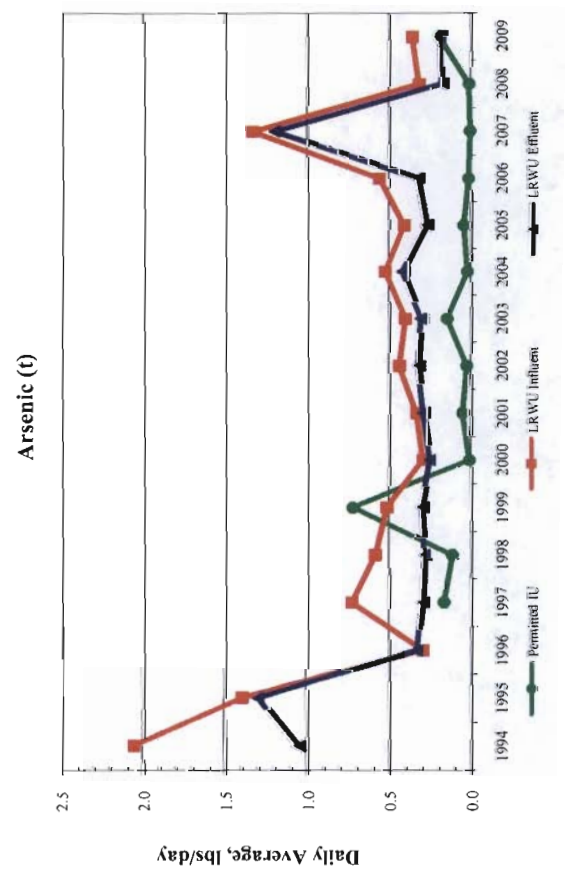
**LITTLE ROCK WASTEWATER
 ENVIRONMENTAL ASSESSMENT DIVISION
 LRWU TOTAL SYSTEM LOADING TRENDS**



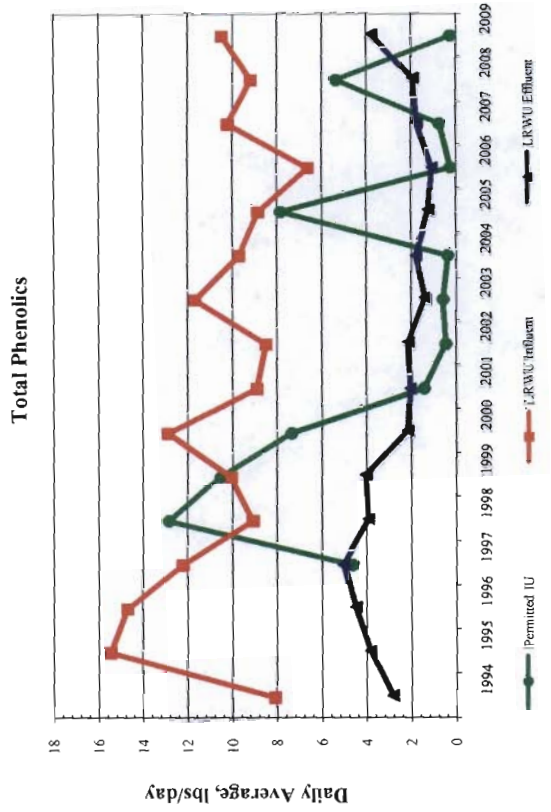
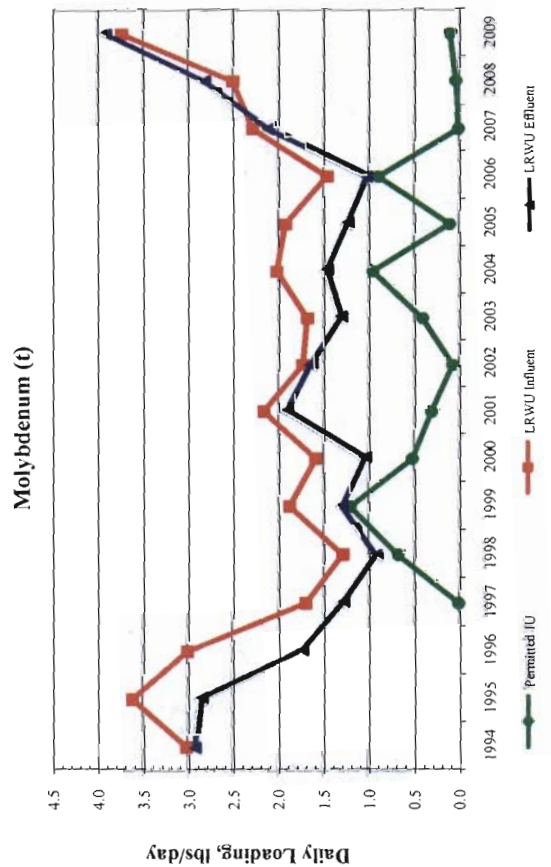
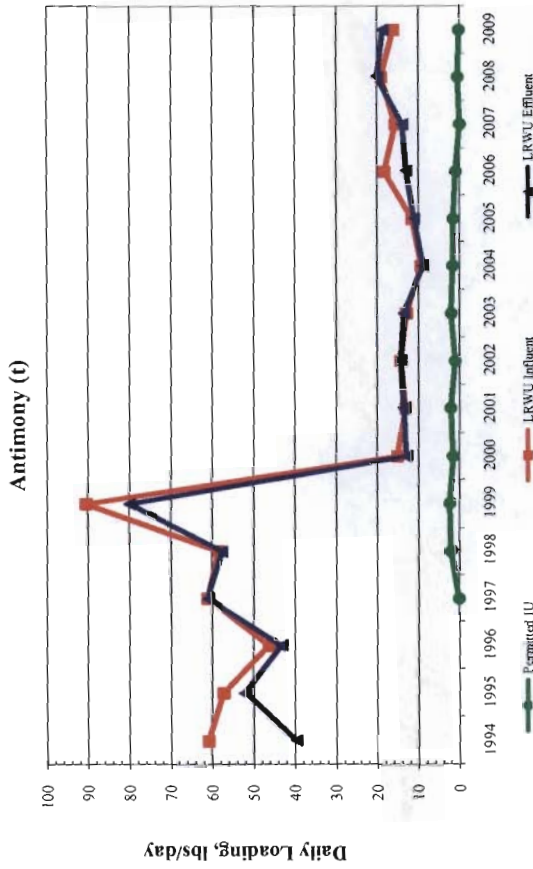
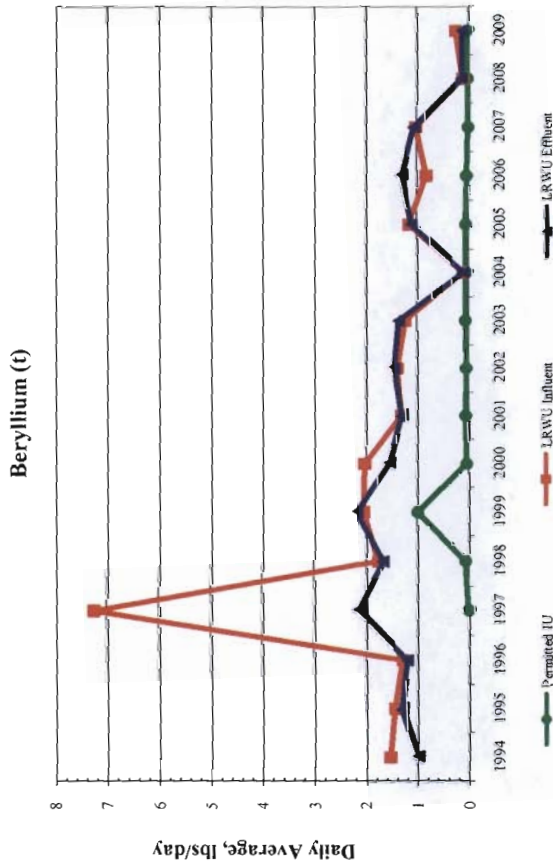
**LITTLE ROCK WASTEWATER
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 LRWU TOTAL SYSTEM LOADING TRENDS**



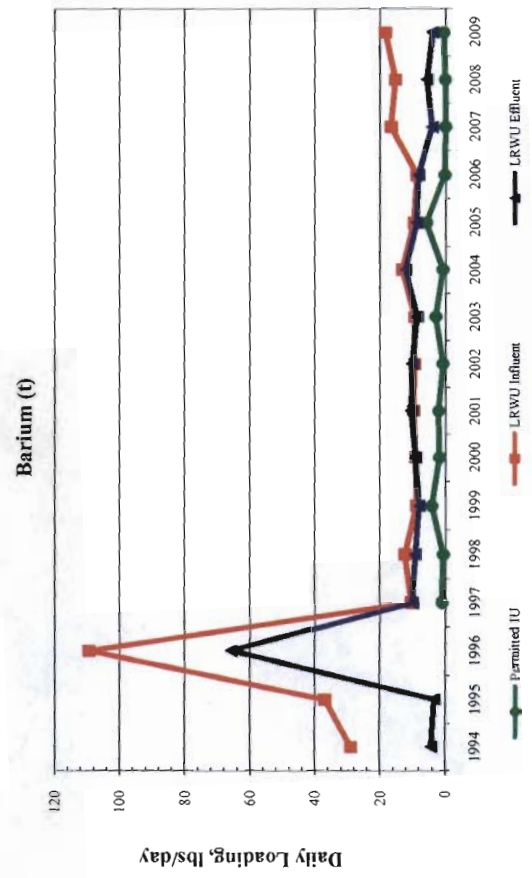
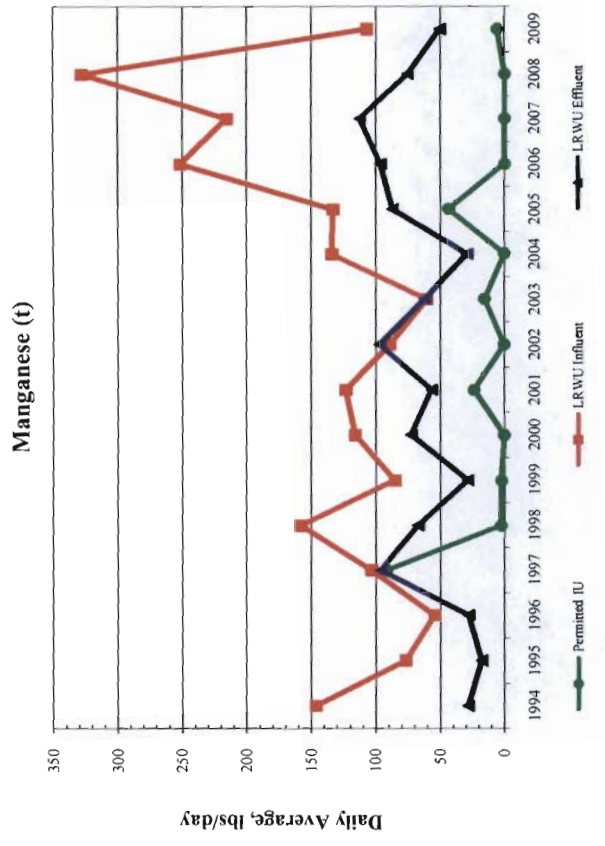
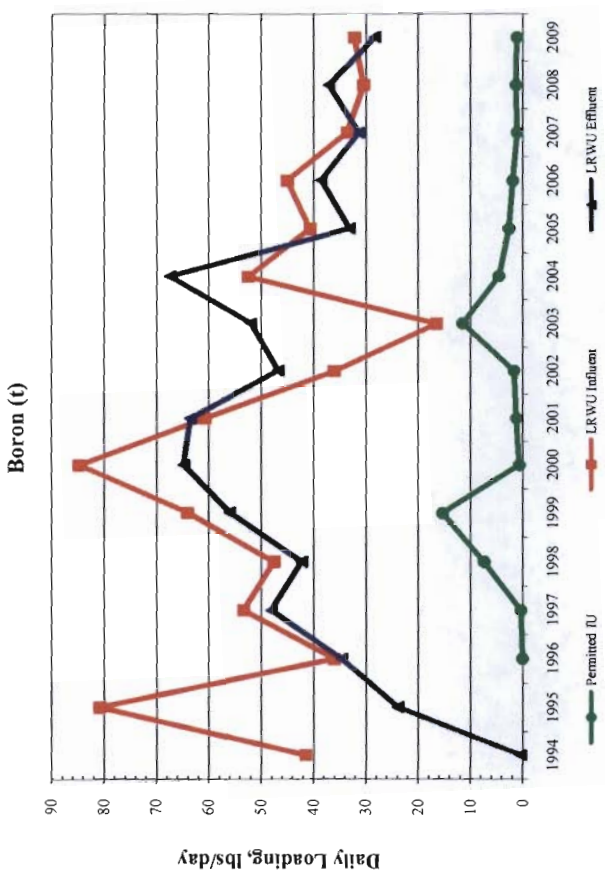
**LITTLE ROCK WASTEWATER
ENVIRONMENTAL ASSESSMENT DIVISION
LRWU TOTAL SYSTEM LOADING TRENDS**



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ENVIRONMENTAL ASSESSMENT DIVISION
LRWU TOTAL SYSTEM LOADING TRENDS**

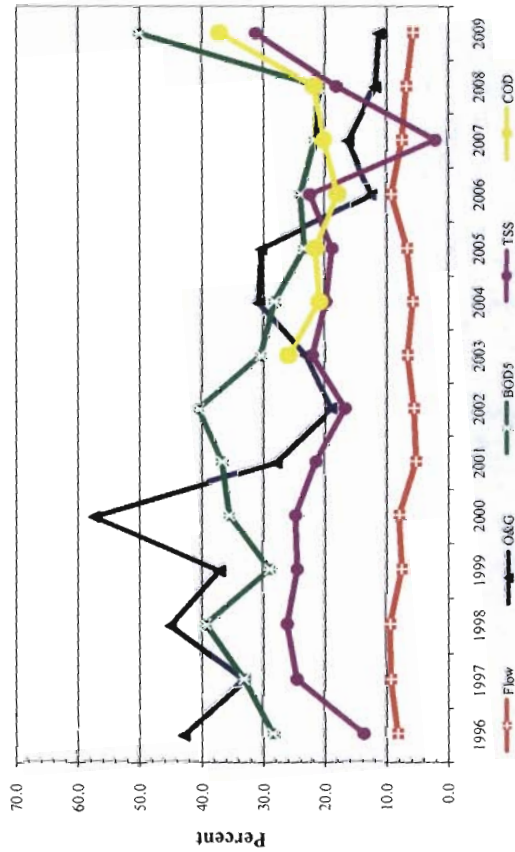


**LITTLE ROCK WASTEWATER
 ENVIRONMENTAL ASSESSMENT DIVISION
 LRWU TOTAL SYSTEM LOADING TRENDS**

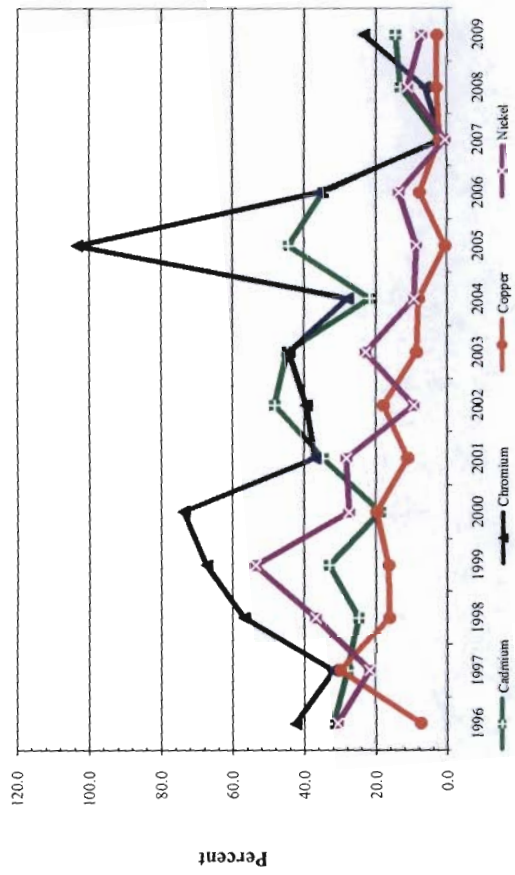


**LITTLE ROCK WASTEWATER
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IU PERCENT CONTRIBUTIONS**

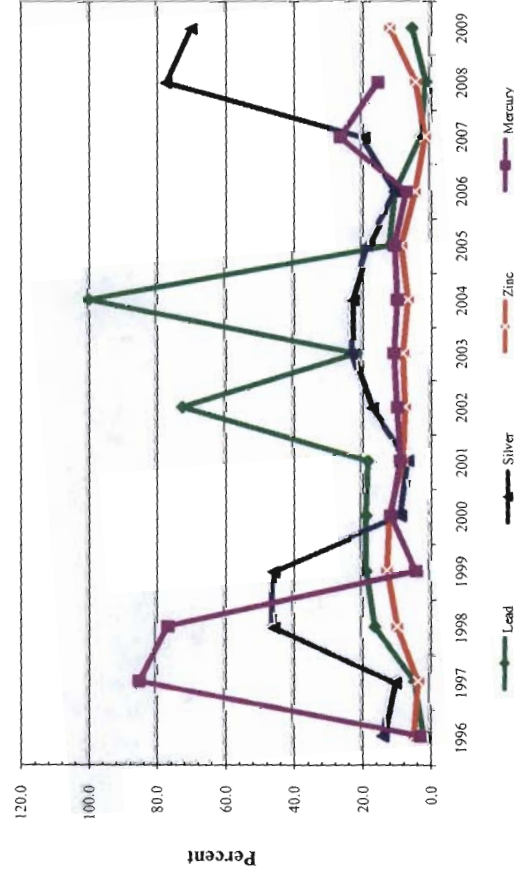
IU % Contributions



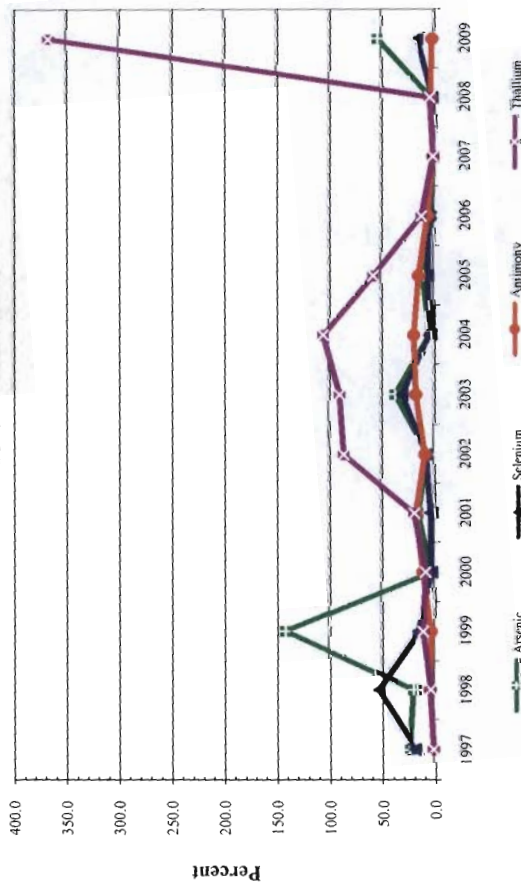
IU % Contributions



IU % Contributions

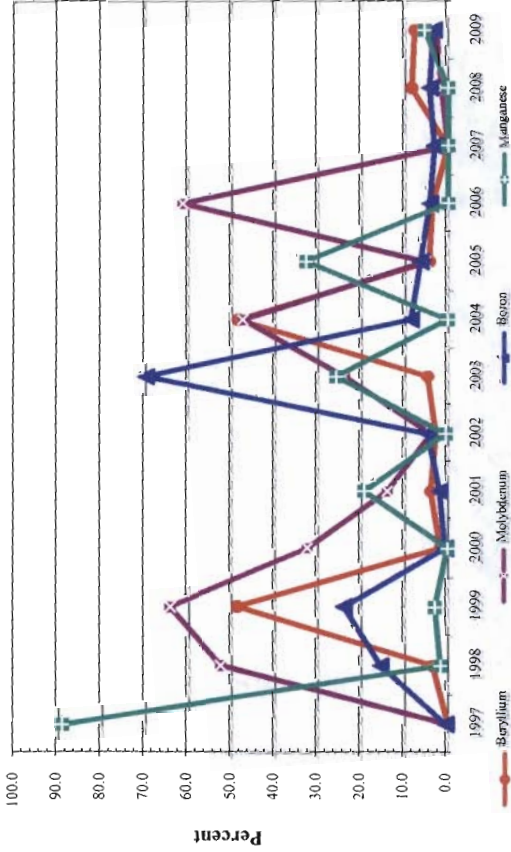


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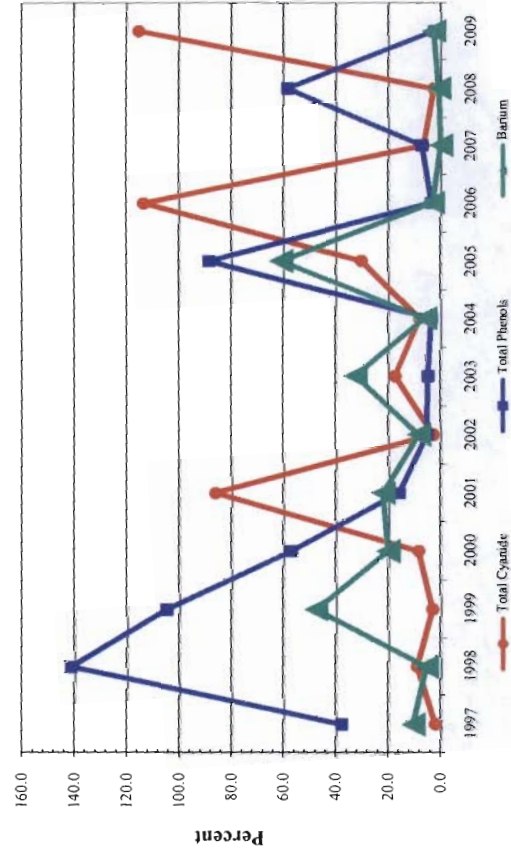


**LITTLE ROCK WASTEWATER
 ENVIRONMENTAL ASSESSMENT DIVISION
 IU PERCENT CONTRIBUTIONS**

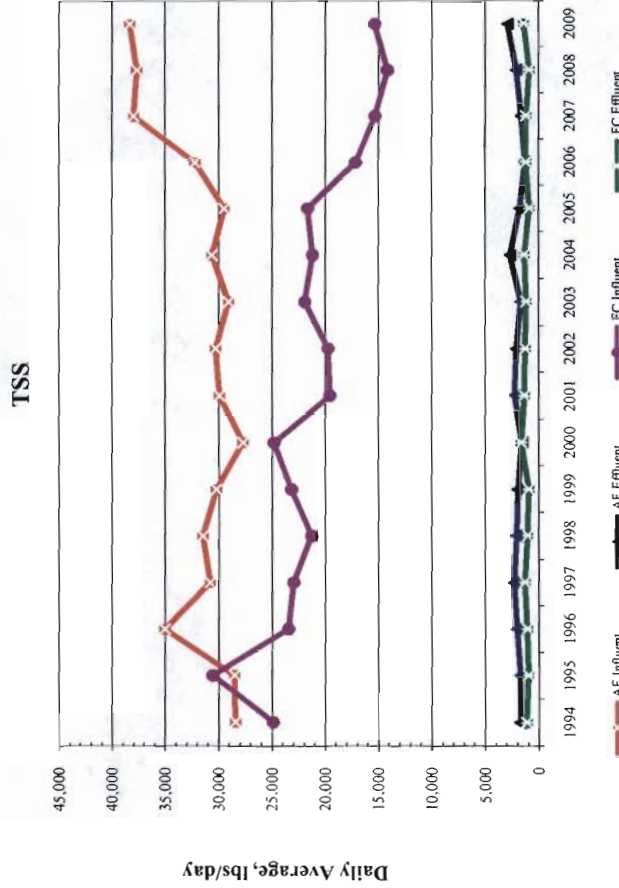
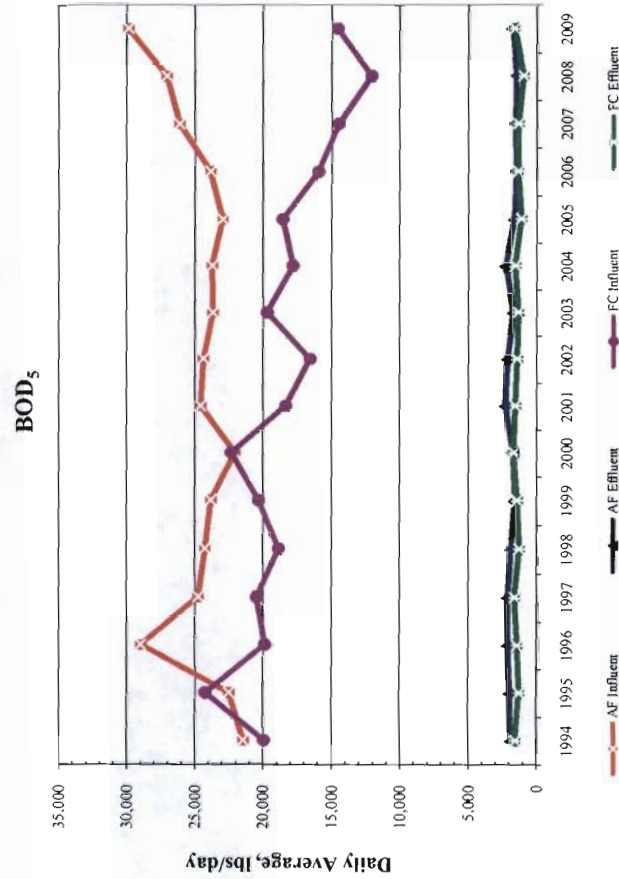
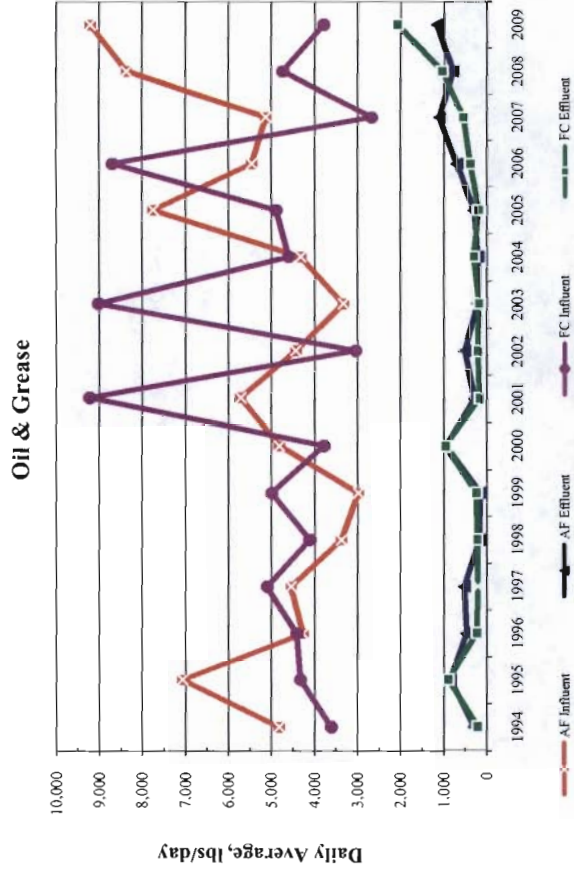
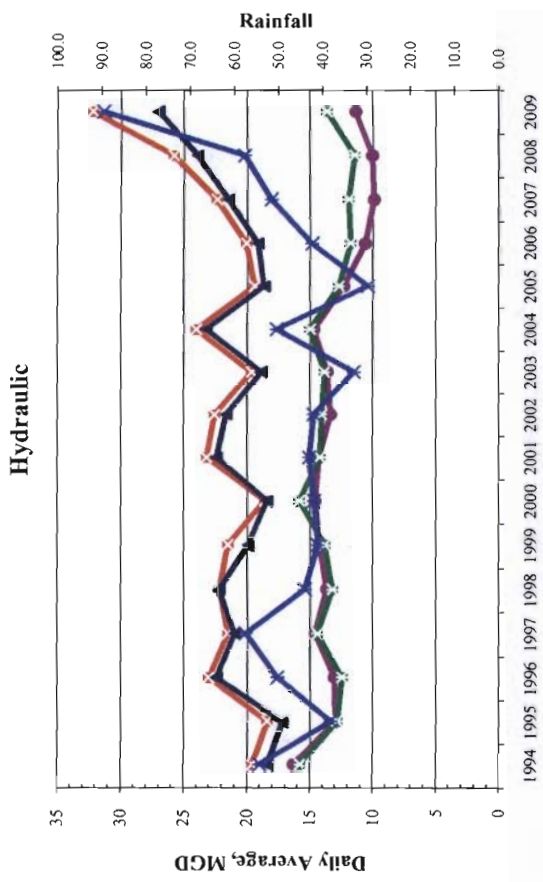
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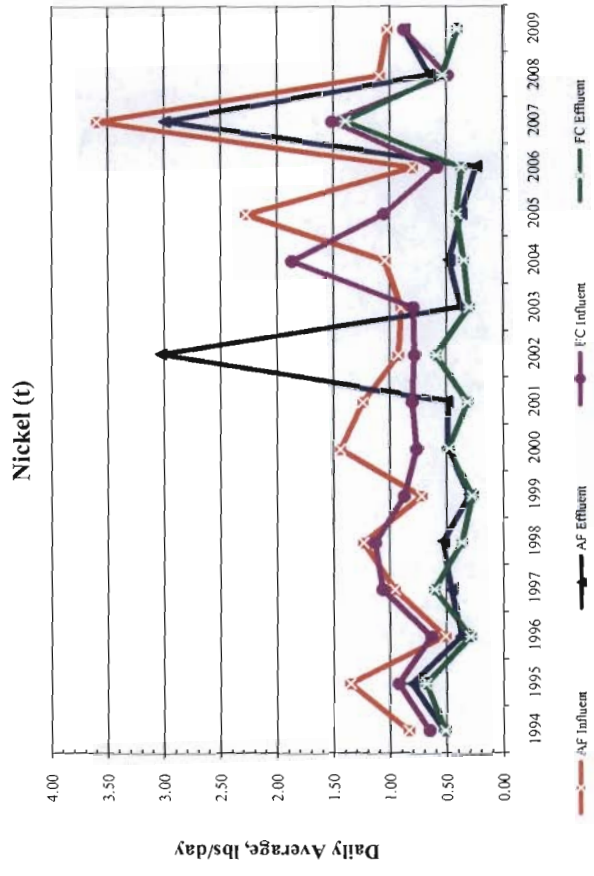
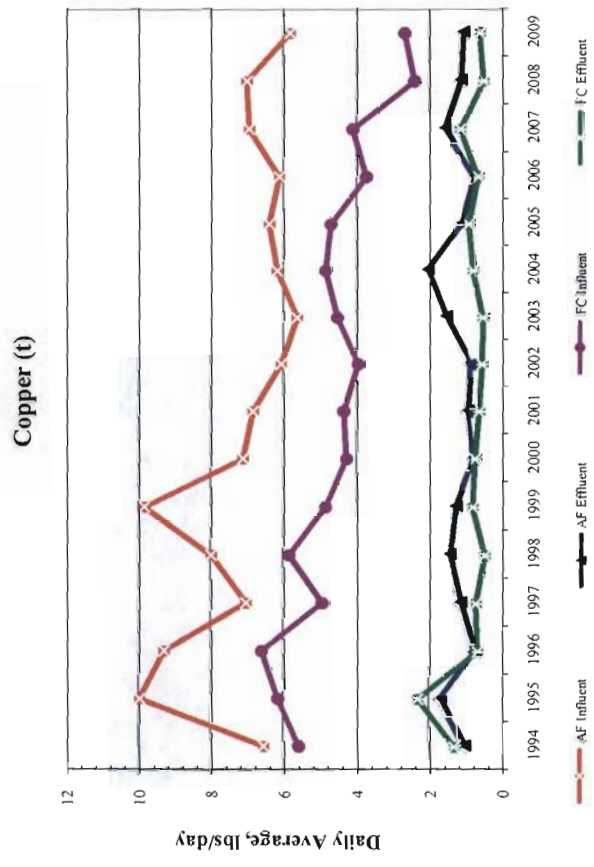
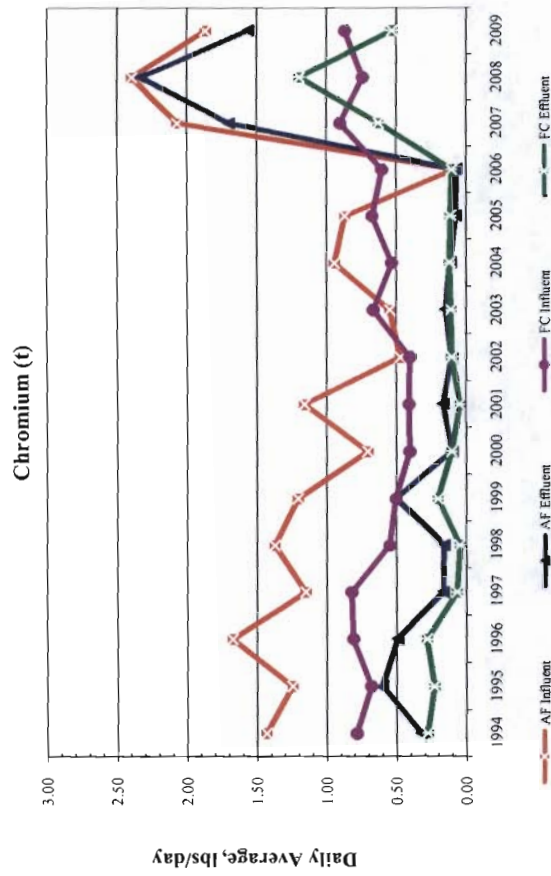
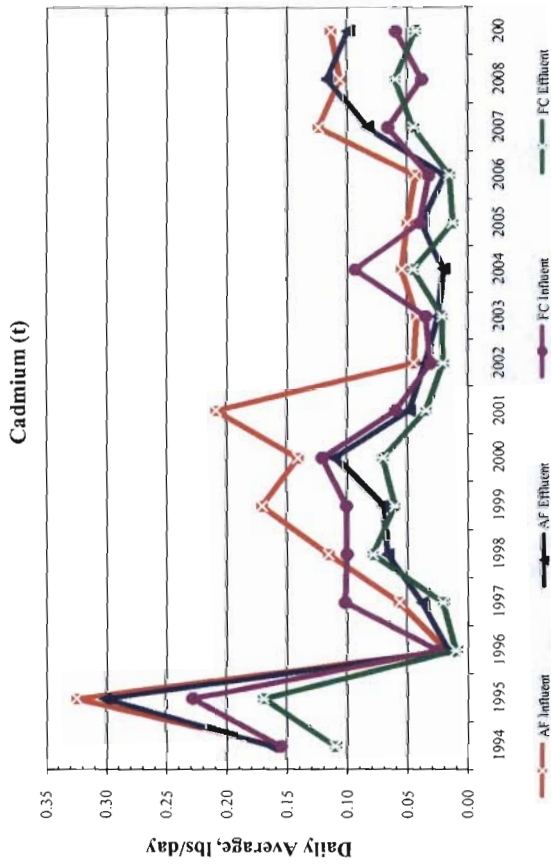
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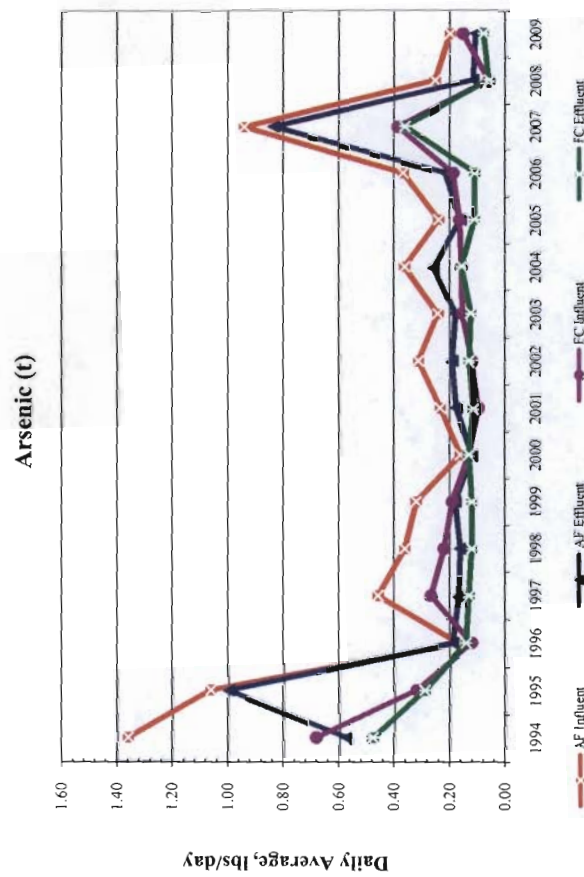
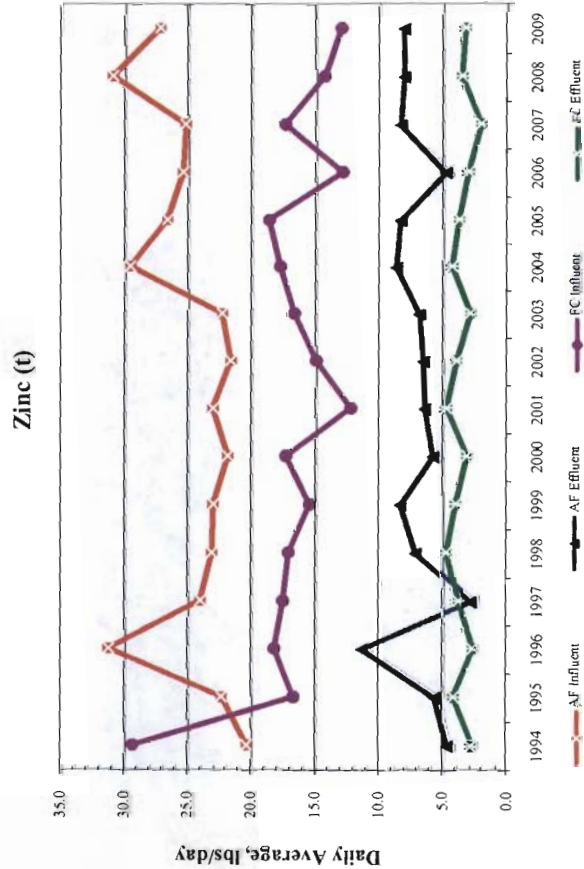
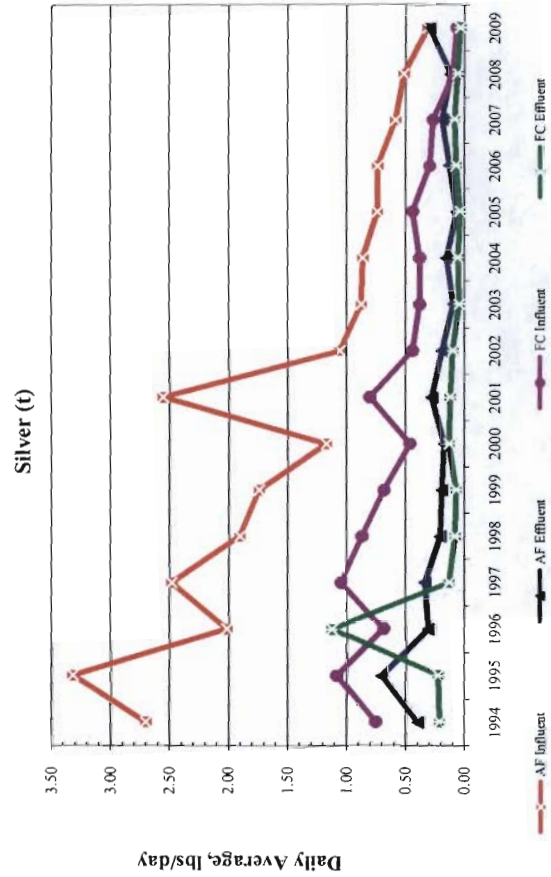
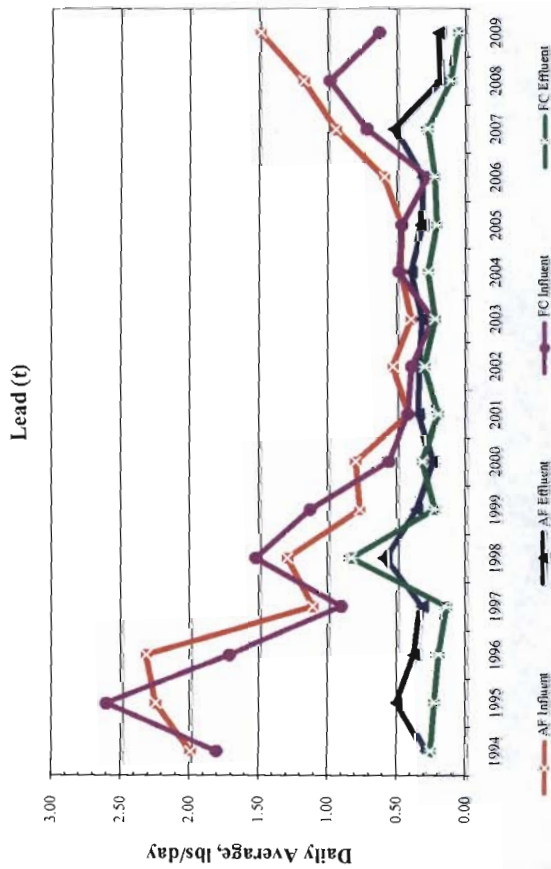
**LITTLE ROCK WASTEWATER
ENVIRONMENTAL ASSESSMENT DIVISION
POTW PLANT INFLUENT/FINAL EFFLUENT LOADING TRENDS**



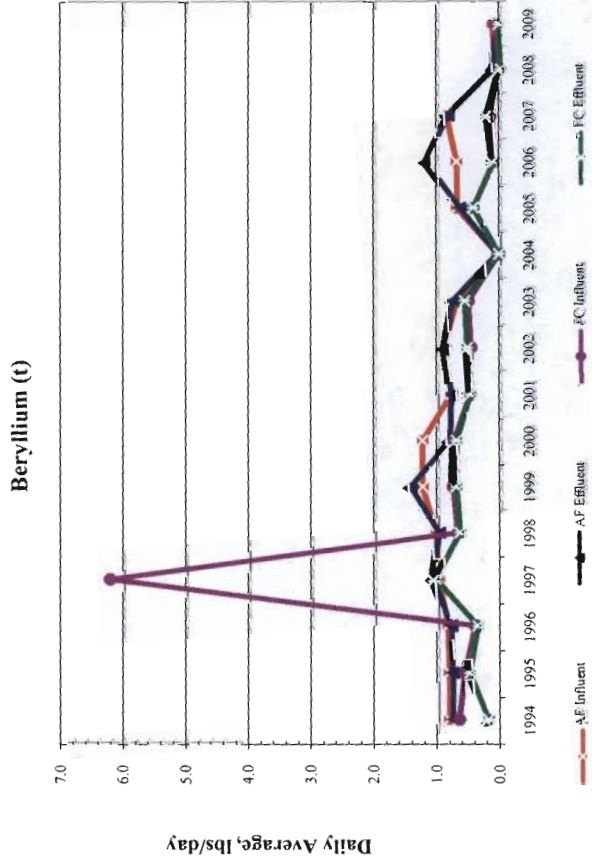
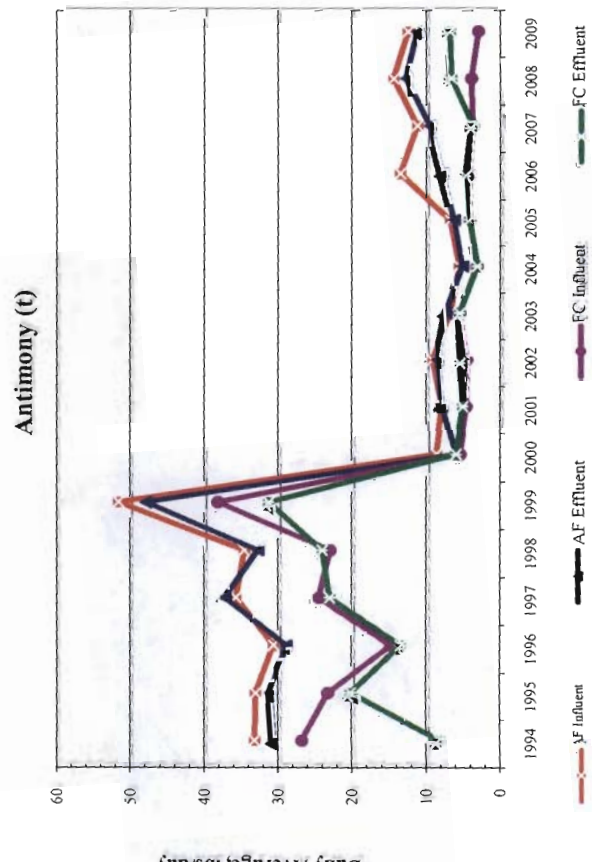
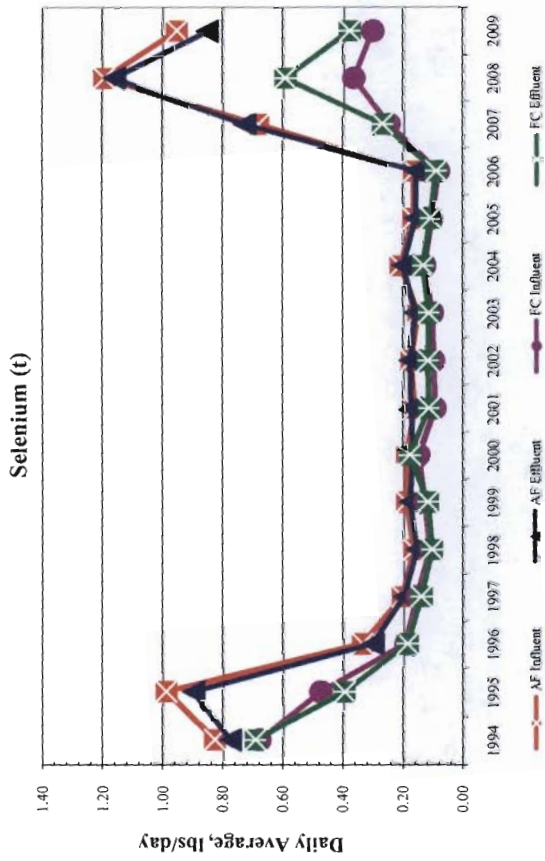
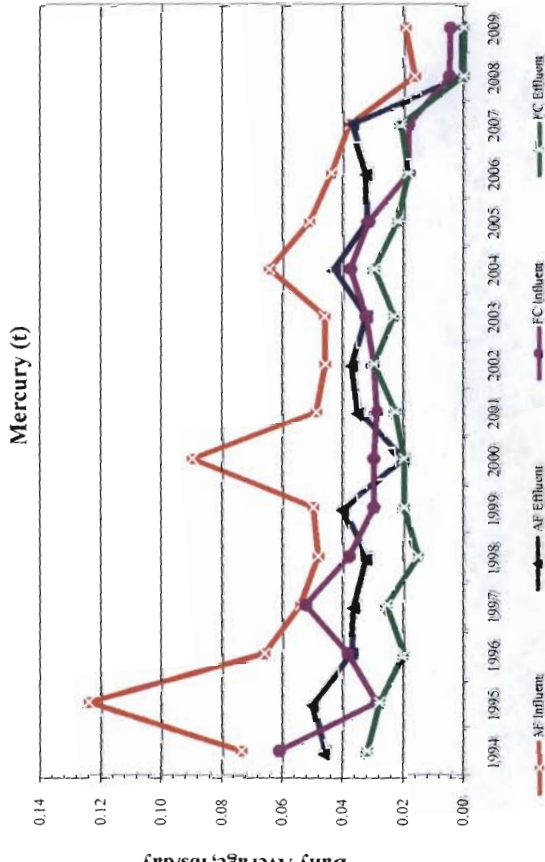
**LITTLE ROCK WASTEWATER
ENVIRONMENTAL ASSESSMENT DIVISION
POTW PLANT INFLUENT/FINAL EFFLUENT LOADING TRENDS**



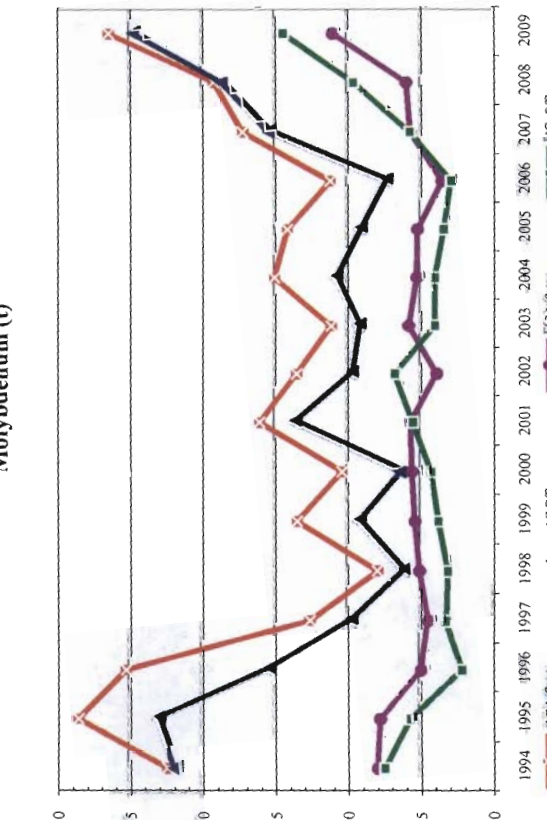
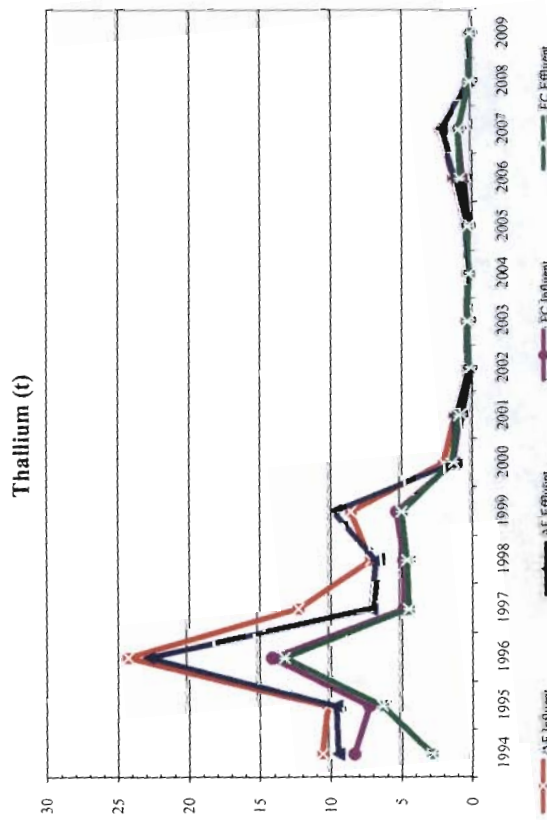
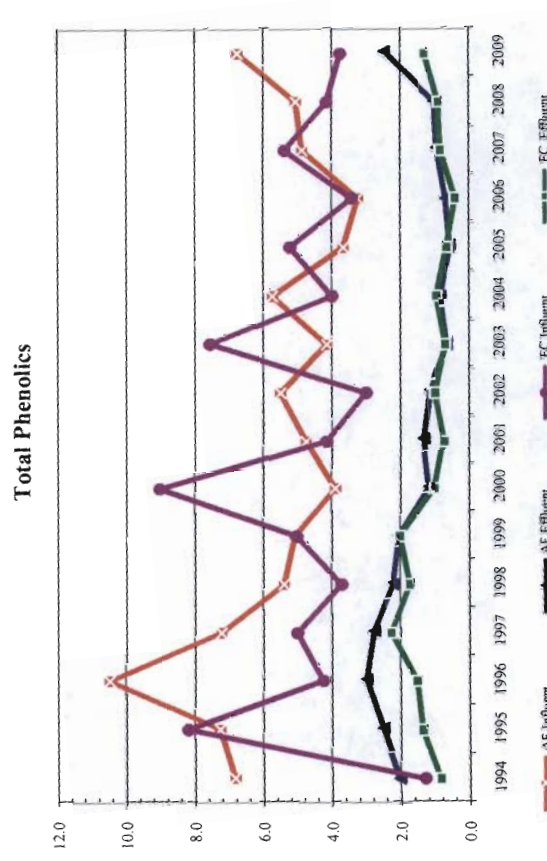
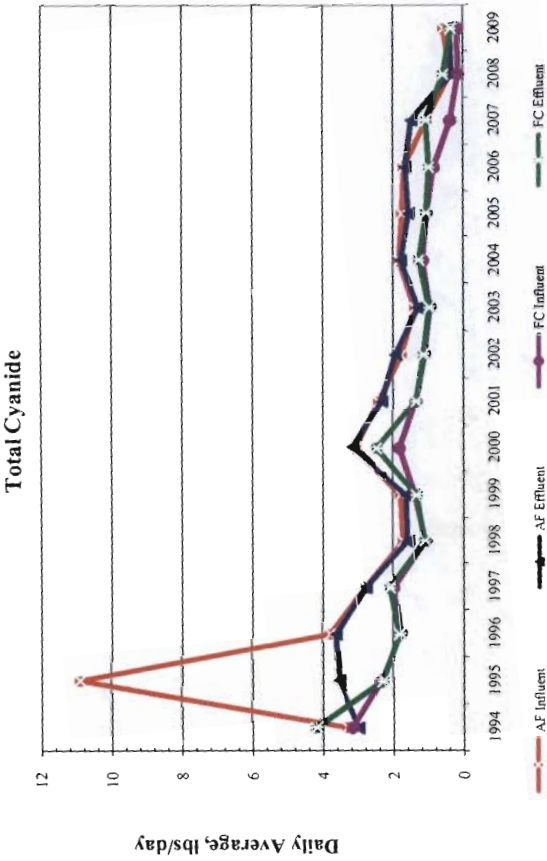
**LITTLE ROCK WASTEWATER
ENVIRONMENTAL ASSESSMENT DIVISION
POTW PLANT INFLUENT/FINAL EFFLUENT LOADING TRENDS**



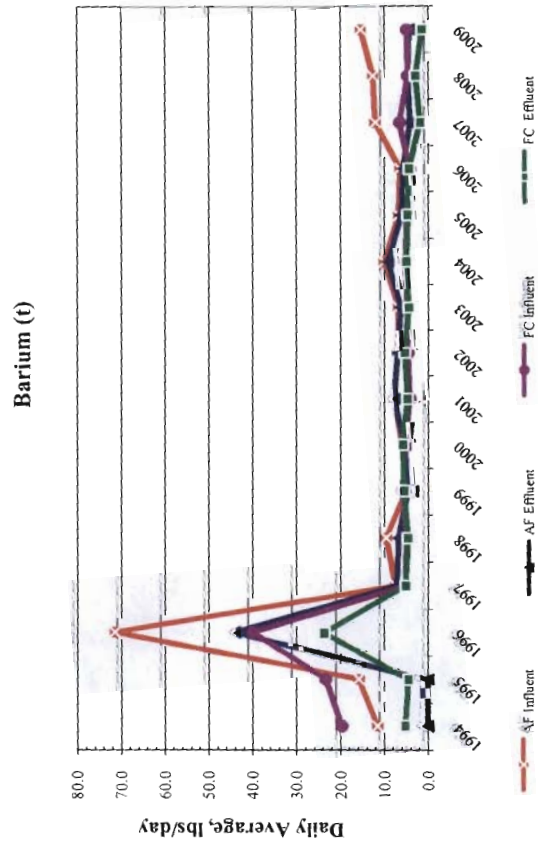
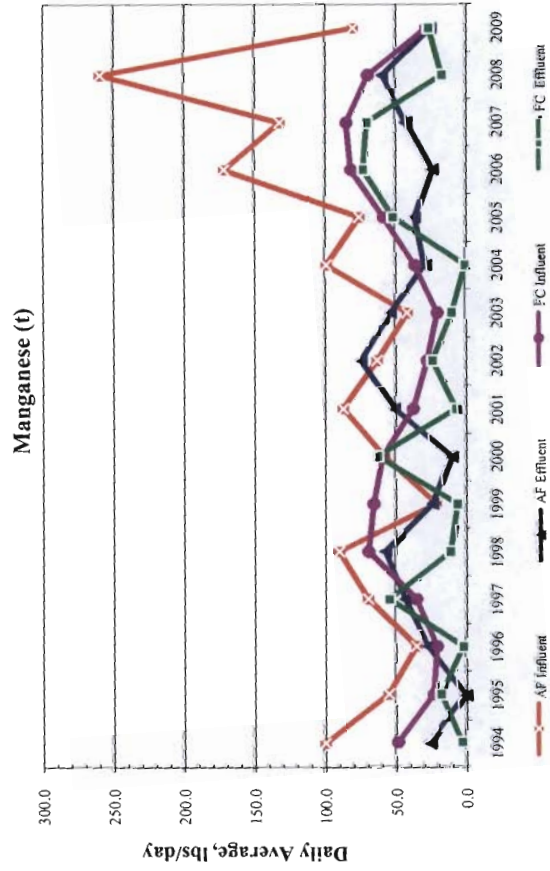
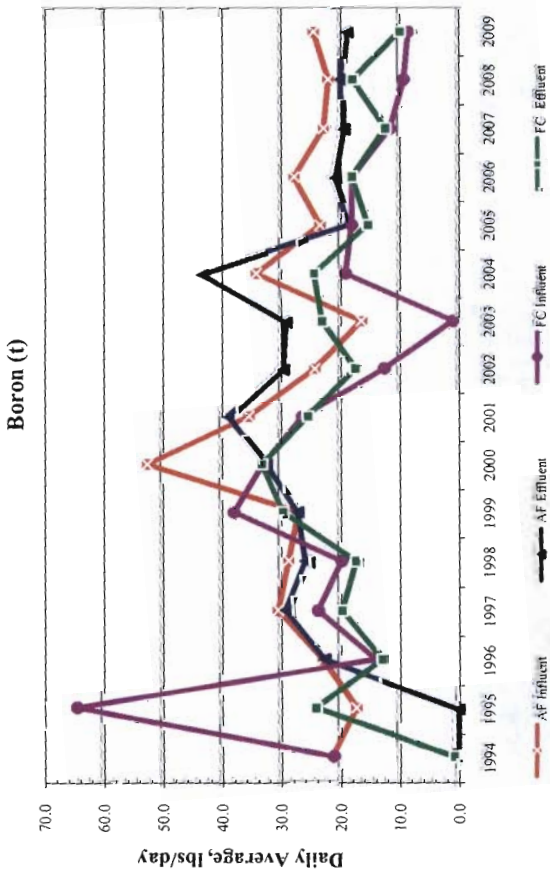
**LITTLE ROCK WASTEWATER
ENVIRONMENTAL ASSESSMENT DIVISION
POTW PLANT INFLUENT/FINAL EFFLUENT LOADING TRENDS**



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



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



**BIOSOLIDS 2009
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 two to four years. Biosolids are land applied as a soil conditioner/fertilizer on grass farms and pasture lands in Pulaski County, Arkansas. A total of 5000 dry tons of biosolids were land applied during 2009.

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 2009-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)					
4/8/2009	046-3-001	grab	< 5.0	< 0.4	57	300	50	1.2	8.7	22.0	< 7.0	< 0.7	990	0.3	6.91	49.02			
	046-3-002	grab	< 5.0	< 0.4	56	330	59	1.6	9.8	22	< 7.0	< 0.7	1000		7.82	48.27			
	046-3-003	grab	< 5.0	< 0.4	67	380	58	1.2	11.0	25	< 7.0	< 0.7	1200		7.08	49.12			
	046-3-004	grab	< 5.0	< 0.4	55	300	47	1.3	9.8	21	< 7.0	< 0.7	970		7.52	48.95			
	046-3-005	grab	< 5.0	< 0.4	68	370	62	1.6	11.0	25	< 7.0	< 0.7	1200		7.99	47.89			
	046-3-006	grab	< 5.0	< 0.4	69	380	66	1.4	11.0	27	< 7.0	< 0.7	1200		7.45	48.31			
	Lagoon 3	AVG	< 5.0	< 0.4	62	343	57	1.4	10.2	23.7	< 7.0	< 0.7	1093	0.3	7.46	48.59			
4/8/2009	046-4-001	grab	< 5.0	< 0.4	62	340	47	1.2	11.0	21	< 7.0	< 0.7	1000	0.1	7.25	49.93	7.57		
	046-4-002	grab	< 5.0	< 0.4	66	360	39	1.2	12.0	20	< 7.0	< 0.7	1000		7.1	51.94			
	046-4-003	grab	< 5.0	< 0.4	58	340	40	1.5	12.0	20	< 7.0	< 0.7	1100		6.78	51.22			
	046-4-004	grab	< 5.0	< 0.4	62	360	46	1.1	13.0	21	< 7.0	< 0.7	1100		6.81	50.63			
	046-4-005	grab	< 5.0	< 0.4	59	370	44	1.2	12.0	20	< 7.0	< 0.7	1100		7.5	49.5			
	046-4-006	grab	< 5.0	< 0.4	56	340	46	1.5	12.0	22	< 7.0	< 0.7	1000		6.54	49.26			
	Lagoon 4	AVG	< 5.0	< 0.4	61	352	44	1.3	12.0	20.7	< 7.0	< 0.7	1050	0.1	7.00	50.41			

Average	< 5.0	< 0.4	61	348	50	1.3	11.1	22.2	< 7.0	< 0.7	1072	0.2	7.23	49.50
Maximum	< 5.0	< 0.4	69	380	66	1.6	13.0	27	< 7.0	< 0.7	1200	0.3	7.99	51.94
Minimum	< 5.0	< 0.4	55	300	39	1.1	8.7	20.0	< 7.0	< 0.7	970	0.1	6.54	47.89

*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

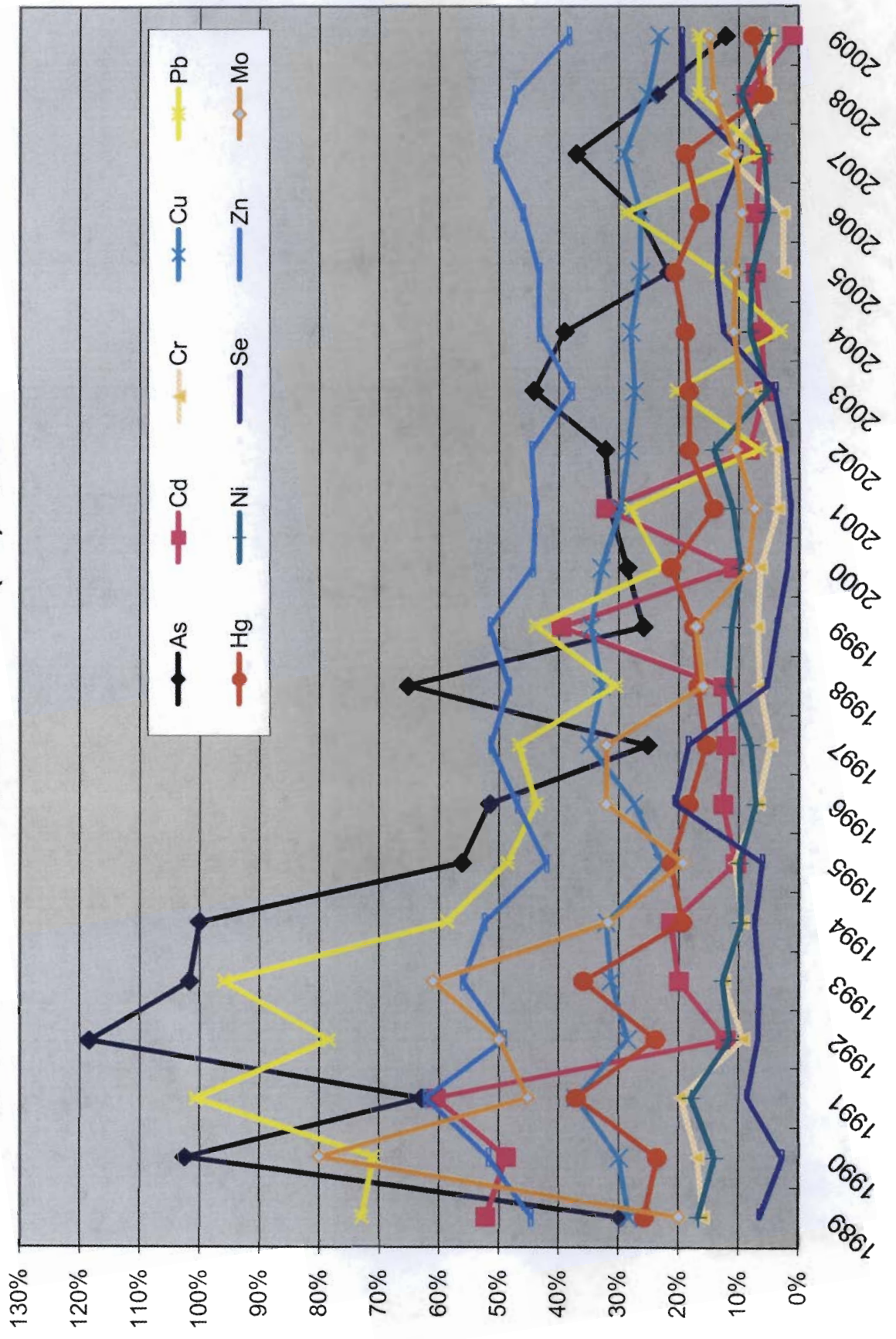
FOURCHE CREEK WASTEWATER TREATMENT PLANT
 BIOSOLIDS 2009-LAGOONS 3 AND 4
 NUTRIENTS ANALYSIS SUMMARY

Sample Date	Sample Location	Sample Type	Test Parameters - Reported in mg/kg dry						Total Kjeldahl Nitrogen	PCB*	TCLP*
			Nitrate(NO3)	Nitrite(NO2)	Phosphorus	Potassium	Ammonia as N				
April 8, 2009	046-3-001	Grab	< 5.0	< 5.0	38000	1800	15000	31000			
	046-3-002	Grab	< 5.0	< 5.0	37000	2400	16000	29000			
	046-3-003	Grab	< 5.0	< 5.0	34000	1600	15000	28000			
	046-3-004	Grab	< 5.0	< 5.0	36000	1800	14000	24000			
	046-3-005	Grab	< 5.0	< 5.0	37000	2000	15000	32000			
	046-3-006	Grab	< 5.0	< 5.0	40000	2700	14000	33000			
	Lagoon 3	AVG	< 5.0	< 5.0	37000	2050	14833	29500	< 1.4	Pass	
April 8, 2009	046-4-001	Grab	< 5.0	< 5.0	39000	2200	16000	35000			
	046-4-002	Grab	14.0	< 5.0	35000	1700	16000	32000			
	046-4-003	Grab	3.4	0.96	41000	1800	16000	33000			
	046-4-004	Grab	1.6	0.63	39000	1800	16000	33000			
	046-4-005	Grab	3.1	0.52	37000	2000	16000	30000			
	046-4-006	Grab	1.8	0.78	38000	2000	15000	35000			
	Lagoon 4	AVG	< 4.8	< 2.1	38167	1917	15833	33000	< 1.5	Pass	

Average	< 4.9	< 3.6	37583	1983	15333	31250	< 1.5	Pass
Maximum	14.0	< 5.0	41000	2700	16000	35000	< 1.5	
Minimum	1.6	0.5	35000	1600	14000	24000	< 1.4	

* 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



PPS Program Report

* NPDES ID: AR0021806 Permittee's Name Little Rock
 * Report Received/Event Date: 3/31/10 Date 4/19/10

Report Type

3 year Program Report to add

Biosolids Program Report
 CAFO Annual Report
 CSO Event Report
 Local Limits Report
 MS4 Program Report
 Pretreatment Performance Summary Report
 SSO Annual Report
 SSO Event Report
 SSO Monthly Event Report
 Storm Water Event Report

Report Information

* Pretreatment Performance Summary Start Date: 1/1/09

Significant Industrial Users (SIUs)

SIUs: 36

SIUs Without Control Mechanism: 0

SIUs Not Inspected: 0

SIUs Not Sampled: 0

SIUs in SNC with Pretreatment Standards: 1

SIUs in SNC with Reporting Requirements: 0

SIUs in SNC with Pretreatment Schedule: 0

SIUs in SNC Published in Newspaper: 1

SIUs Schedules: 0

Violation Notices Issued to SIUs: 0

Administrative Orders Issued to SIUs: 0

Civil Suits Filed Against SIUs: 0

Criminal Suits Filed Against SIUs: 0

Categorical Industrial Users (CIUs)

CIUs: 14

CIUs in SNC: 1

Penalties

Dollar Amount of Penalties Collected: \$ 3,400

Industrial Users (IUs) from which Penalties have been collected: 3

Other Information

SUO Reference: _____

SUO Date: _____

Annual Pretreatment Budget: \$ _____

Pass-Through/Interference Indicator:

Notification of IU Schedule for Remedial Measures: No

Response to Violation of IU Schedule for Remedial Measures:

Local Limits

Date of Most Recent Technical Evaluation & or Local Limits: _____

Date of Most Recent Adoption of Technically Based Local Limits: _____

Local Limit Pollutants: _____

Removal Credits

Removal Credits Application Status: Not Applicable

Date of Most Recent Removal Credits Approval: _____

Removal Credits: _____

Acceptance of Waste

Acceptance of Hazardous Waste: No

Acceptance of Non-Hazardous Industrial Waste: No

Acceptance of Hauled Domestic Wastes: No

Deficiencies

Deficiencies Identified During IU File Review: No

Control Mechanism Deficiencies: No

Legal Authority Deficiencies: No

Deficiencies in Data Management and Public Participation: No

Deficiencies in Interpretation and Application of Pretreatment Standards: No

Inadequacy of Sampling and Inspections: No

Adequacy of Pretreatment Resources: Yes

Annual Frequency

Annual Frequency of Influent Toxicant Sampling: _____

Annual Frequency of Effluent Toxicant Sampling: _____

Annual Frequency of Sludge Toxicant Sampling: _____