



ARKANSAS
Department of Environmental Quality

June 30, 2008

Barrett E. Harrison, Mayor
City of Blytheville
P.O. Box 1784
Blytheville, AR 72315

RE: Pretreatment Compliance Inspection

RE: AFIN: 47-00544 NPDES Permit No.: AR0022560

Dear Mr. Harrison:

On May 28, 2008, I performed a routine pretreatment compliance inspection of the waste water treatment facility in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. This inspection revealed the following violations and/or concerns:

- 1. There had not been any inspections of industrial users conducted since March 2007.**
- 2. Industrial users have not been sampled by the city yet during the current pretreatment year.**
- 3. The pretreatment equipment at Advance Industries was not operational. Specifically the oil skimmer and the pH metering equipment did not appear to have been used recently. Additionally facility personnel were not familiar with the operation of the needed equipment**

The above items require your immediate attention. Please submit a written response to these findings to the Water Division Enforcement Section of this Department at the following address:

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

This response should contain detailed documentation describing the course of action taken to correct the items noted. This corrective action should be completed as soon as possible, and the written response is due by July 22, 2008.

Barrett Harrison, Pretreatment Inspection
June 30, 2008
Page 2

For additional information you may contact the enforcement section by telephone at 501-682-0639 or by fax at 501-682-0910.

If I can be of any assistance, please contact me at walker@adeq.state.ar.us or 870-935-7221 ext.-12.

Sincerely,

A handwritten signature in black ink that reads "Brent L. Walker". The signature is written in a cursive style with a large initial "B".

Brent L. Walker
District 3 Field Inspector
Water Division

cc: Water Division Enforcement Branch
Water Division Permits Branch



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460

NPDES Compliance Inspection Report

Form Approved
OMB No. 2040-0003

Section A: National Data System Coding

| | | | | | | | | | | |
|---|----------------------|-------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|-------------------------|----------------------|-------------------------|
| Transaction Code | NPDES | Yr/Mo/Day | Inspec. Type | Inspector | Fac. Type | | | | | |
| 1 <input type="text" value="N"/> 2 <input type="text" value="5"/> 3 <input type="text" value="A"/> <input type="text" value="R"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="2"/> <input type="text" value="2"/> <input type="text" value="5"/> <input type="text" value="6"/> <input type="text" value="0"/> 11 <input type="text" value="0"/> 12 <input type="text" value="8"/> <input type="text" value="0"/> <input type="text" value="5"/> <input type="text" value="2"/> <input type="text" value="8"/> 17 18 <input type="text" value="P"/> 19 <input type="text" value="S"/> 20 <input type="text" value="1"/> | Remarks | | | | | | | | | |
| Inspection Work Days | | | | | Facility Evaluation Rating | BI | QA | Reserved | | |
| 67 <input type="text"/> | <input type="text"/> | 69 <input type="text"/> | 70 <input type="text" value="N"/> | 71 <input type="text" value="N"/> | 72 <input type="text" value="N"/> | 73 <input type="text"/> | 74 <input type="text"/> | 75 <input type="text"/> | <input type="text"/> | 80 <input type="text"/> |

Section B: Facility Data

| | | |
|--|--|--|
| Name and Location of Facility Inspected (<i>For industrial users discharging to POTW, also include POTW name and NPDES permit number</i>) Pretreatment Program City of Blytheville Waste Water Treatment Plant Blytheville, AR Mississippi Co. | Entry Time/Date 0945 5/28/2008 | Permit Effective Date December 1, 2005 |
| Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) James Yankee/Pretreatment Coordinator/870-763-4961 Kenneth Ellis/Waste Water Superintendent/870-763-4961 | Exit Time/Date 1745 5/28/2008 | Permit Expiration Date November 30, 2010 |
| Name, Address of Responsible Official/Title/Phone and Fax Number Barrett Harrison/Mayor/870-763-3602 City of Blytheville P.O. Box 1784 Blytheville, AR 72316 | Contacted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Other Facility Data |

Section C: Areas Evaluated During Inspection

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

| | | | | | | | |
|---|---------------------------|---|-------------------------|---|--------------------------|---|----------------------|
| S | Permit | N | Flow Measurement | N | Operations & Maintenance | N | Sampling |
| N | Records/Reports | N | Self-Monitoring Program | N | Sludge Handling/Disposal | N | Pollution Prevention |
| N | Facility Site Review | N | Compliance Schedules | U | Pretreatment | N | Multimedia |
| N | Effluent/Receiving Waters | N | Laboratory | N | Storm Water | N | Other: |

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

*** See the attached PCI Report for a Summary of Findings/Comments ***

| | | |
|---|---|------------------------------|
| Name(s) and Signature(s) of Inspector(s) Brent L. Walker <i>Brent L. Walker</i> | Agency/Office/Telephone/Fax AR Dept. of Environmental Quality-Jonesboro (870) 935-7221 ext. 12/(870) 935-4715 (Fax) | Date June 30, 2008 |
| Signature of Reviewer | Agency/Office/Phone and Fax Numbers | Date |

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY
PRETREATMENT COMPLIANCE INSPECTION (PCI) REPORT

| | |
|---|--|
| Name of Municipality: | Blytheville, AR |
| AFIN Number: | 47-00145 |
| NPDES Permit Number(s): | AR0022560, AR0022578, AR0022586 |
| Program Tracked under NPDES Permit Number: | AR0022560 |
| Fact Sheet Preparation Date: | Revised as IU permits are renewed |
| Date of Last PCI/Audit: | March 26, 2007 |
| Date of Last Annual Report: | September 24, 2007 |
| Name of Inspector: | Brent L. Walker |
| Date PCI Performed: | May 28, 2008 |
| Name, Title, and Telephone Number of Facility Representative: | James L. Yankee, Pretreatment Coordinator, 870-763-4961 |
| Name and Title of Other Participants: | Kenneth Ellis, WWTP Superintendent |
| Number of IUs Visited: | 2 |
| Name(s) of IUs Visited: | Advance Industries, NIBCO Industries |
| AN IU SITE VISIT FORM SHOULD BE COMPLETED FOR EACH IU VISITED | |
| <p>NOTE: ANY QUESTION PRINTED IN ALL CAPS AND BOLD PRINT INDICATED A REGULATORY REQUIREMENT AND MUST BE ANSWERED FOR THE PCI REPORT TO BE COMPLETE. A NO ANSWER TO ONE OF THESE QUESTIONS SHOULD RESULT IN AN UNSATISFACTORY RATING.</p> | |
| Form approved July 1989 | |

| | | |
|----------------------------------|---|------------------------------|
| A. INDUSTRIAL USER SURVEY | | |
| 1. | List any Significant Industrial Users (SIUs) which have been added or deleted from the program since the last audit or inspection. | None |
| 2. | Has ADEQ or EPA been notified of these changes? | N/A |
| 3. | HAS THE INDUSTRIAL USER SURVEY BEEN KEPT UPDATED? | Yes |
| 4. | What procedures are being used to update the IU Survey? | |
| | Review of Water and Sewer Connections | |
| | Chamber of Commerce | |
| | Airport Authority | |
| 5. | Total number of Significant Industrial Users, according to the definition used by the POTW. (This number must be greater than or equal to the answer to question 6) | 6 |
| 6. | Number of Categorical Industrial Users: | 4 |
| 7. | How does the POTW determine the appropriate categorical standards to apply to an IU? | SIC Code |
| 8. | List all categorical IUs discharging under the approved (such program. Include the name of the IU, the regulatory category as Metal Finishing), and the regulated process (phosphating, zinc plating, etc.) Additional listings can be made in the comments section if necessary. | |
| | Name of IU: | Category: |
| | Motor Appliance | Metal Finishing |
| | Motor Technologies | Metal Finishing |
| | Omnium | Pesticide Formulation |
| | SRT | Metal Finishing |
| | | Regulated Process: |
| | | Parts cleaning |
| | | Parts cleaning |
| | | Clean-up |
| | | Anodizing |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

B. LOCAL LIMITS

1. IS THE POTW APPLYING LOCAL LIMITS WHICH HAVE BEEN APPROVED BY ADEQ OR EPA? Yes

2. Describe any apparent problems with the local limits.
None

3. How often are pollutant scans of POTW influent, effluent, and sludge performed by the POTW? Does this fulfill the requirements of the approved program (as described in the fact sheet) and part III of the NPDES permit?

| Pollutant: | Frequency: | Requirement in Permit: | Requirement in Program: | Comments: |
|------------|-------------|------------------------|-------------------------|--------------------|
| Metals: | | | | |
| Influent: | <u>4/yr</u> | <u>4/yr</u> | <u>N/A</u> | <u>--</u> |
| Effluent: | <u>4/yr</u> | <u>4/yr</u> | <u>N/A</u> | <u>--</u> |
| Sludge: | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> | <u>No disposal</u> |
| Organics: | | | | |
| Influent: | <u>1/yr</u> | <u>1/yr</u> | <u>N/A</u> | <u>--</u> |
| Effluent: | <u>1/yr</u> | <u>1/yr</u> | <u>N/A</u> | <u>--</u> |
| Sludge: | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> | <u>No Disposal</u> |

4. Have there been any inhibitions or upsets at the POTW (since the last PCI of Audit) which were believed to be caused by industrial discharges? If so, describe the action taken by the City to ensure that the incident would not recur. Were these actions effective?
No inhibitions or upsets due to IUs.

| | | |
|---|--|---|
| C. INDUSTRIAL USER CONTROL MECHANISM | | |
| 1. | Is the POTW using the type of control mechanism (permit, agreement, etc.) required by the approved program? | Yes-Permit |
| 2. | How many IU permits (or other control documents) have been issued? | 6 |
| 3. | DO ALL SIGNIFICANT IUS HAVE CURRENT (UNEXPIRED) CONTROL DOCUMENTS? IF NOT, LIST ALL UNPERMITTED SIUS, THE DATE OF EXPIRATION OF THEIR PREVIOUS PERMIT (IF APPLICABLE), AND THE REASON FOR DELAY IN ISSUING THE REQUIRED DOCUMENT. | |
| | Yes | |
| 4. | Does the control document contain the following items? | |
| | An expiration date: | Yes |
| | Discharge limitations: | Yes |
| | If the program requires self-monitoring by the IUs, do the Permits contain: | |
| | IU self-monitoring requirements: | Yes |
| | IU reporting requirements: | Yes |
| 5. | Indicate which of the following recommended standard conditions are contained in the control documents: | |
| | Sample location: | Yes - clarified further as new permits issued. |
| | Type of sample: | Yes |
| | Monitoring frequency: | Yes |
| | Bypass prohibition: | Yes - City ordinance |
| | Right of entry: | Yes |
| | Nontransferability: | Yes |
| | Revocation clause: | Yes |
| | Penalty Provisions: | Yes |
| | Slug load notification: | Yes |
| | Notification of process change: | Yes |

| | | | |
|--|--------------------|----------------------|--|
| D. MONITORING OF IUS BY POTW | | | |
| | | | |
| 1. Indicate current inspection and sampling frequency and program requirement below: | | | |
| | Current frequency: | Program Requirement: | |
| Sampling: | | | |
| categorical IUs | 0/yr | N/A | |
| other SIUs | 0/yr | N/A | |
| Inspection: | | | |
| categorical IUs | 0/yr | N/A | |
| other SIUs | 0/yr | N/A | |
| | | | |
| 2. HAS EACH SIU BEEN INSPECTED AND SAMPLED AT THE FREQUENCY REQUIRED BY THE APPROVED PROGRAM? None since March 2007 | | | |
| | | | |
| 3. Are inspections announced or unannounced? | | | Both |
| | | | |
| 4. Are records kept of each inspection? | | | Yes |
| | | | |
| 5. Does the inspection report contain an adequate description of the following: | | | |
| | | | |
| Date and time of inspection: | | | Yes |
| | | | |
| Officials present: | | | Yes |
| | | | |
| Inspection of chemical storage areas: | | | Yes |
| | | | |
| Description of regulated processes, categorical waste streams, and discharge location of these waste streams: | | | Yes |
| | | | |
| Inspection of the pretreatment facilities: | | | Yes |
| | | | |
| Review of self-monitoring records: | | | Yes |
| | | | |
| Observation of IU self-monitoring procedures: | | | Yes |
| | | | |
| Verification that approved analytical techniques are used: | | | Yes |
| | | | |
| Verification of IU flow measurement (where required): | | | Yes |
| | | | |
| 6. Overall adequacy of inspection documentation: | | | Inspection forms have been updated to include more details about the facility and findings. |

| | | |
|-----|--|--|
| 7. | DOES THE POTW SAMPLE IUS FOR ALL POLLUTANTS REGULATED IN THEIR PERMITS? (IT IS NOT NECESSARY TO SAMPLE FOR ALL POLLUTANTS EVERY TIME, BUT IT MUST BE DONE PERIODICALLY). | |
| | Yes | |
| 8. | Are analyses performed in accordance with EPA-approved methods (40 CFR 136)? | Yes |
| 9. | Are sampling and flow monitoring equipment properly maintained? | Yes |
| 10. | Is the POTW keeping proper field notes and chain of custody forms? | Yes |
| 11. | Is the sampling location representative of the discharge to the collection system? | Yes |
| 12. | Are sampling locations identified in POTW records? | Yes |
| 13. | Are sampling services available in an emergency? | Yes |
| 14. | What are the POTW's procedures for tracking receipt and review of IU reports, such as BMR's, semi-annual reports, progress reports, bypass reports, and self-monitoring reports? | The pretreatment coordinator receives the reports and reviews for errors and non-compliances. Tracking is done manually since there is a small number is SIUs. |
| 15. | ARE SELF-MONITORING REPORTS REVIEWED TO VERIFY THAT ANALYSES WERE PERFORMED FOR ALL REGULATED PARAMETERS, AND TO EVALUATE COMPLIANCE WITH EFFLUENT LIMITS? | N/A |
| 16. | IF VIOLATIONS ARE FOUND IN REPORTS, DOES THE POTW RESPOND TO ALL VIOLATIONS? | Yes |

| | |
|-----|---|
| 17. | What are the POTW's procedures for following up violations? Notice of Violation followed by surcharges or fines if required or appropriate. |
| | |
| | |
| 18. | HAS THE POTW REVIEWED BMRS FOR COMPLIANCE WITH 40 CFR 403.12(b)?: Yes |
| | |
| | Review a Baseline Monitoring Report from the POTW's file, and indicate which of the following items can be identified in the BMR: |
| | |
| | Name and address: Yes |
| | |
| | Other environmental permits held: Yes |
| | |
| | Description of operations: Yes |
| | |
| | Process flow diagrams: Yes |
| | |
| | Flow measurements: Yes |
| | |
| | Measurements of regulated pollutants: Yes |
| | |
| | Certification of compliance by the IU: Yes |
| | |
| | Compliance schedule (if needed): Yes |
| | |
| 19. | Additional comments on the POTW's inspection and sampling procedures: No inspections conducted since March 2007. No sampling performed yet this pretreatment year. |
| | |
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PRETREATMENT COMPLIANCE INSPECTION

IU SITE VISIT FORM

| | |
|---|---|
| Name of Industry: | NIBCO Industries |
| POTW Name: | City of Blytheville |
| Industry Contacts: | Freddy Gentry |
| Date and Time of Visit: | 1500 5/28/2008 |
| Description of Manufacturing Process: | Iron foundry, casting valves |
| Sources of Process Wastewater: | Non-contact cooling water |
| Categorical Industry? | No |
| Basis for Limits: | City ordinance and pretreatment program |
| Point of Application: | Prior to connection to city sewer |
| Description of Pretreatment Equipment and Procedures: | None |
| Spill Prevention and Solvent Management Procedures: | Dedicated bermed chemical storage areas |
| Sampling Location and Equipment: | Manhole near loading docks inside facility |

PRETREATMENT COMPLIANCE INSPECTION

IU SITE VISIT FORM

| | |
|---|--|
| Name of Industry: | Advance Industries |
| POTW Name: | City of Blytheville |
| Industry Contacts: | Gerald Lloyd - Maintenance |
| Date and Time of Visit: | 1405 5/28/2008 |
| Description of Manufacturing Process: | Industrial laundry |
| Sources of Process Wastewater: | Washing machine wash water |
| Categorical Industry? | No |
| Basis for Limits: | City ordinance and pretreatment program |
| Point of Application: | Prior to connection to city sewer |
| Description of Pretreatment Equipment and Procedures: | Oil and water separation followed by pH adjustment |
| Spill Prevention and Solvent Management Procedures: | Very little chemicals on-site; no open floor drains |
| Sampling Location and Equipment: | Manhole #5 at city connection |

PPETS CODE SHEET

PRETREATMENT COMPLIANCE INSPECTION (PCI)

| | | |
|--|----------------------------|------|
| | | CODE |
| INSPECTOR'S NAME: | Brent L. Walker | |
| NAME OF FACILITY: | City of Blytheville | |
| PERMIT NUMBER USED TO TRACK PROGRAM: | AR0022560 | NPID |
| DATE OF PCI: | May 28, 2008 | DTIA |
| PPETS WENDB DATA ELEMENTS | | |
| NUMBER OF SIGNIFICANT IUS (SIUS): | 6 | SIUS |
| NUMBER OF CATEGORICAL IUS: | 4 | CIUS |
| SIUS NOT SAMPLED OR INSPECTED BY POTW: | 6 | NOIN |
| SIUS WITHOUT CONTROL MECHANISM: | 0 | NOCM |
| SIUS IN SIGNIFICANT NONCOMPLIANCE WITH STANDARDS OR REPORTING: | 0 | PSNC |
| SIUS IN SIGNIFICANT NONCOMPLIANCE WITH SELF-MONITORING REQUIREMENTS: | 0 | MSNC |
| SIUS IN SIGNIFICANT NONCOMPLIANCE WITH SELF-MONITORING AND NOT INSPECTED OR SAMPLED BY POTW: | 0 | SNIN |

MAYOR:
Barrett Harrison

CITY COUNCIL:
Ray Jones
Shirley Conneally
Shirley Overman
John Singleton
Mylas Jeffers
James Sanders

ATTORNEY:
Mike Bearden

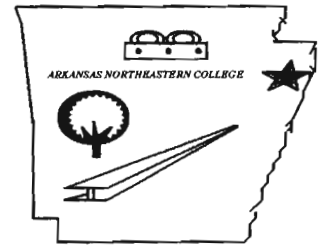
PUBLIC UTILITIES
DIRECTOR:
Rick Mosley

SUPERINTENDENT:
Kenneth Ellis

Blytheville Wastewater Dept.

P.O. Box 1784
Blytheville, AR 72316-1784

Phone: (870) 763-4961
Fax: (870) 763-8541



July 21, 2008



Water Division Enforcement Section
ADEQ
5301 Northshore Drive
North Little Rock, AR 72118-5317

Re: Pretreatment Compliance Inspection

RE: AFIN: 47-00544

NPDES Permit No: AR0022560

Enclosed are the responses to the Pretreatment Compliance Inspection violations performed by Mr. Brent Walker on May 28th, 2008.

1. There had not been any inspections of industrial users conducted since March 2007.

During Mr. Allen Gilliam's pretreatment audit of March 2007, we were cited for Industry inspections being vague. These have since been upgraded to require an I.U. representatives Signature on the inspection forms. Two copies of Omnium's inspections are included with this response. Both were conducted after March 2007. Although the remaining five permitted I.U.s were not inspected before Mr. Walkers visit, they had been visited to deliver required forms to complete for HazWaste, TOMPs, Spill/Slugs and TTO certifications.

2. Industrial users have not been sampled by the city yet during the current pretreatment year.

Steel Related Technologies was sampled on February 5, 2008, Motor Appliance Corporation was sampled on February 27, 2008, and Motor Technologies Group was sampled on February 29, 2008. A copy of each I.U.s test results are enclosed with this response with sample date included.

- 3. The pretreatment equipment at Advance Industries was not operational. Specifically the oil skimmer and the pH metering equipment did not appear to have been used recently. Additionally facility personnel were not familiar with the operation of the needed equipment.**

Advance Industries was cited for not properly operating and maintaining its pretreatment equipment. A repeat inspection and sampling event was conducted the next day on May 29, 2008 in which all equipment was operating. Sample results showed Advance exceeded its limits on oil and grease.

If you have any questions or need more information, please contact me at (870) 763-4961

Sincerely,

A handwritten signature in black ink, appearing to read "James Yankee". The signature is stylized with a large, sweeping initial "J" and a long, horizontal flourish extending to the right.

James Yankee
Pretreatment Coordinator

INSPECTORS NAME(S) James Yankee

DATE: 11/21/07 TIME: 10:15am

NAME OF FACILITY: Bonium Inc Co

MAILING ADDRESS: P.O. Box 1167, Bly, AR 72316

PHYSICAL ADDRESS: 1660 Terra Road

PHONE NO: 763-2022 OTHER:

CONTACT PERSON: John Strochirch

TITLE: Laboratory Leader

SIC NO: 2879

NAICS NO:

WW PERMIT NO: 8

APPLICATION DATE:

OTHER PERMITS: Air Quality # 734-AR-3

DESCRIPTION OF PROCESSES: Pesticide Mfg. (Atrazine & Simazine)

FLOWS: 6000 gpd

CONTINUOUS?

(BATCH?) Notifies by phone for discharge

PRODUCTION RATES:

PRETREATMENT: sand & carbon filtration. NaOH used to neutralize prior to discharge.

POLLUTION PREVENTION ALTERNATIVES: Certification statements and notification of product changes. Table 8 of 40 CFR 455

BEST MANAGEMENT PRACTICES: on file in Bonium's notebook

SLUG/SPILL PREVENTION: This is included in Bonium's "Emergency Response Manual" on file in Notebook

HAZARDOUS WASTE:

STORAGE:

TOXIC ORGANIC MANAGEMENT PLAN:

TTO CERTIFICATION? Yes - certifications are required in June & Dec. each year.

DISCHARGE PARAMETERS: Copper, Zinc, Cyanide, TSS, BOD, + pH have numerical limits. Active ingredients in the pesticides are reported

MONITORING FREQUENCY: Permit requires at least twice per year

SAMPLING POINT: # 8

POTW: North

CHANGES SINCE LAST INSPECTION: Submitted BMP.

REPS. SIGNATURE: John Strochirch

DATE: 11-11-07

INSPECTORS SIGNATURE: James Yankee

DATE: 11/11/2007

INSPECTORS NAME(S) James Yankee DATE: 4/1/08 TIME: 10:55 am

NAME OF FACILITY: Omnium L.L.C.

MAILING ADDRESS: 400 Terra Road P.O. Box 1167

PHYSICAL ADDRESS: ~~400 Terra Road~~ 400 Terra Road

PHONE NO: (810) 763-2022 OTHER:

CONTACT PERSON: John Strakirch TITLE: Lab Mgr.

SIC NO: 2879 NAICS NO: WW PERMIT NO: 8 APPLICATION DATE:

OTHER PERMITS: Air # 734-AR-3

DESCRIPTION OF PROCESSES: Manufactures dry & liquid herbicides + pesticides
Atrazine & Simazine

FLOWS: ~~8,000~~ 8,000 to 10,000 per month CONTINUOUS? BATCH? Notifies by phone

PRODUCTION RATES: of discharge

PRETREATMENT: Carbon filtration + sand, NaOH used to neutralize
prior to discharge

POLLUTION PREVENTION ALTERNATIVES: Certification statements and notification of
product changes. Table 8 of 40 CFR 455

BEST MANAGEMENT PRACTICES: On file in Omnium's notebook

SLUG/SPILL PREVENTION: Included in ERP. Dikes and absorbent materials
No floor drains. On file 5/19/08

HAZARDOUS WASTE:
STORAGE:

TOXIC ORGANIC MANAGEMENT PLAN: On file. Lab waste is only toxics. These
are collected and incinerated. 5/19/08

TTO CERTIFICATION? Yes - certifications are required in June & Dec

DISCHARGE PARAMETERS: PAI's & metals

MONITORING FREQUENCY: twice per year. Will escalate to coincide with
batch discharges

SAMPLING POINT: #8 batch tank discharge POTW: North Plant

CHANGES SINCE LAST INSPECTION: Some PAI's, listed and removed in Permit

REPS. SIGNATURE: [Signature] DATE: 4-1-08

INSPECTORS SIGNATURE: [Signature] DATE: 4-1-08



ENVIRONMENTAL TESTING & CONSULTING, INC.

2790 Whitten Road Memphis, Tennessee 38133 (901) 213-2400 Fax (901) 213-2440
"A Laboratory Management Partner"

03316
Blytheville Sewer Department
Mr. James Yankee
City of Blytheville
Blytheville, AR 72316

Project ID :
Description : Motor Tech
022908MTG

Report Date : 3/17/2008

Report Number : **08-060-0234**

REPORT OF ANALYSIS

Received : 2/29/2008

Lab No : **59717**
Sample ID : **Effluent Grab**

Matrix: **Aqueous**
Sampled: **2/29/2008 9:00**

| Test | Results | Units | MQL | Date / Time Analyzed | By | Analytical Method |
|---------------|--------------|-------|------|----------------------|-----|-------------------|
| Total Cyanide | 0.028 | mg/L | 0.01 | 03/05/08 09:30 | DJS | SM-4500CNE |

Lab No : **59718**
Sample ID : **Effluent Composite 2/28-29/08**

Matrix: **Aqueous**
Sampled: **2/29/2008 9:00**

| Test | Results | Units | MQL | Date / Time Analyzed | By | Analytical Method |
|----------------|--------------|-------|-------|----------------------|-----|-------------------|
| Total Aluminum | 0.124 | mg/L | 0.1 | 03/13/08 00:18 | JTR | EPA-200.7 |
| Total Cadmium | <0.002 | mg/L | 0.002 | 03/13/08 00:18 | JTR | EPA-200.7 |
| Total Chromium | <0.005 | mg/L | 0.005 | 03/13/08 00:18 | JTR | EPA-200.7 |
| Total Copper | 0.059 | mg/L | 0.005 | 03/13/08 00:18 | JTR | EPA-200.7 |
| Total Lead | <0.006 | mg/L | 0.006 | 03/13/08 00:18 | JTR | EPA-200.7 |
| Total Nickel | <0.005 | mg/L | 0.005 | 03/13/08 00:18 | JTR | EPA-200.7 |
| Total Silver | <0.005 | mg/L | 0.005 | 03/13/08 00:18 | JTR | EPA-200.7 |
| Total Zinc | 0.017 | mg/L | 0.01 | 03/13/08 00:18 | JTR | EPA-200.7 |

Qualifiers/ MQL Method Quantitation Limit
Definitions



Blytheville Sewer Department
 City of Blytheville
 P.O. Box 1784
 Blytheville, AR 72316

Project **Motor Technologies**
 Description **Group**
 Project No. **022908MTG**

Lab Order Number **0802605**
 Lab ID **0802605-001A**
 Field ID **Grab**
 Alternate ID **59717**

Report of Analysis

Received **02/29/08**
 Matrix **Aqueous**
 Sampled **02/29/08 9:00**

Analytical Method 624

| Prep Method | 624 | Prep Batch(s) | 19112 | Date/Time Prepped | 03/05/08 10:06 | | |
|---------------------------|----------|---------------|-------|-------------------|--------------------|----|------------------|
| Compound | Result | Units | MQL | DF | Date/Time Analyzed | By | Analytical Batch |
| Acrolein | < 20.0 | µg/L | 20.0 | 1 | 03/05/08 18:28 | LS | 32991 |
| Acrylonitrile | < 20.0 | µg/L | 20.0 | 1 | 03/05/08 18:28 | LS | 32991 |
| Benzene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| Bromodichloromethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| Bromofom | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| Bromomethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| Carbon tetrachloride | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| Chlorobenzene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| Chlorodibromomethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| Chloroethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| 2-Chloroethyl vinyl ether | < 5.00 M | µg/L | 5.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| Chloroform | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| Chloromethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| 1,2-Dichlorobenzene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| 1,3-Dichlorobenzene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| 1,4-Dichlorobenzene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| 1,1-Dichloroethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| 1,2-Dichloroethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| 1,1-Dichloroethene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| trans-1,2-Dichloroethene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| 1,2-Dichloropropane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| cis-1,3-Dichloropropene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| trans-1,3-Dichloropropene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| Ethylbenzene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| Methylene chloride | < 10.0 | µg/L | 10.0 | 1 | 03/05/08 18:28 | LS | 32991 |
| Styrene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |

| | | |
|--------------------|--|---|
| Qualifiers/ | * Surrogate Recovery outside accepted limits | * I Recoveries affected by interferences or high background |
| Definitions | B Analyte detected in the associated Method Blank | DF Dilution Factor |
| | E Value exceeds method calibration range | H Prepped / Analyzed out of holding time. |
| | J Estimated Value Analyte below reported detection limit | M Minimum value |
| | MDL Method Dection Limit (unadjusted) | MQL Method Quantitation Limit (adjusted) |
| | MRL Method Reporting Limit | N Refer to attached Non-Compliance Report |
| | Q RPD >40% between primary and confirmation columns | SQL Sample Quantitation Limit (adjusted MDL) |

03/17/08 03316 BLYSEWE



Blytheville Sewer Department
 City of Blytheville
 P.O. Box 1784
 Blytheville, AR 72316

Project **Motor Technologies**
 Description **Group**
 Project No. **022908MTG**

Lab Order Number **0802605**
 Lab ID **0802605-001A**
 Field ID **Grab**
 Alternate ID **59717**

Report of Analysis
 Received **02/29/08**
 Matrix **Aqueous**
 Sampled **02/29/08 9:00**

Analytical Method 624

| Prep Method | 624 | Prep Batch(s) | 19112 | Date/Time Prepped | 03/05/08 10:06 | | |
|----------------------------------|--------|---------------|----------------|-------------------|--------------------|----|------------------|
| Compound | Result | Units | MQL | DF | Date/Time Analyzed | By | Analytical Batch |
| 1,1,1,2-Tetrachloroethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| 1,1,2,2-Tetrachloroethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| Tetrachloroethene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| Toluene | < 5.00 | µg/L | 5.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| 1,1,1-Trichloroethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| 1,1,2-Trichloroethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| Trichloroethene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| Trichlorofluoromethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| Vinyl chloride | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 18:28 | LS | 32991 |
| Surrogate: Dibromofluoromethane | | 120 % | Limits: 75-125 | 1 | 03/05/08 18:28 | LS | 32991 |
| Surrogate: Toluene-d8 | | 101 % | Limits: 85-120 | 1 | 03/05/08 18:28 | LS | 32991 |
| Surrogate: 4-Bromofluorobenzene | | 108 % | Limits: 85-118 | 1 | 03/05/08 18:28 | LS | 32991 |
| Surrogate: 1,2-Dichloroethane-d4 | | 126 % | Limits: 72-132 | 1 | 03/05/08 18:28 | LS | 32991 |

| Qualifiers/Definitions | | |
|------------------------|--|---|
| * | Surrogate Recovery outside accepted limits | * I Recoveries affected by interferences or high background |
| B | Analyte detected in the associated Method Blank | DF Dilution Factor |
| E | Value exceeds method calibration range | H Prepped / Analyzed out of holding time. |
| J | Estimated Value Analyte below reported detection limit | M Minimum value |
| MDL | Method Detection Limit (unadjusted) | MQL Method Quantitation Limit (adjusted) |
| MRL | Method Reporting Limit | N Refer to attached Non-Compliance Report |
| Q | RPD >40% between primary and confirmation columns | SQL Sample Quantitation Limit (adjusted MDL) |

03/17/08 03316 BLYSEWE



Blytheville Sewer Department
City of Blytheville
P.O. Box 1784
Blytheville, AR 72316

Project Motor Technologies
Description Group
Project No. 022908MTG

Lab Order Number 0802605
Lab ID 0802605-002A
Field ID Composite 2/28-29/08
Alternate ID 59718

Report of Analysis
Received 02/29/08
Matrix Aqueous
Sampled 02/29/08 9:00

Analytical Method 608

Table with columns: Prep Method, Prep Batch(s), Date/Time Prepped, Compound, Result, Units, MQL, DF, Date/Time Analyzed, By, Analytical Batch. Includes rows for Aroclor 1016-1260 and surrogate compounds.

Table with columns: Qualifiers/Definitions, * Surrogate Recovery outside accepted limits, * I Recoveries affected by interferences or high background, B Analyte detected in the associated Method Blank, DF Dilution Factor, E Value exceeds method calibration range, H Prepped / Analyzed out of holding time, J Estimated Value Analyte below reported detection limit, M Minimum value, MDL Method Detection Limit (unadjusted), MQL Method Quantitation Limit (adjusted), MRL Method Reporting Limit, N Refer to attached Non-Compliance Report, Q RPD >40% between primary and confirmation columns, SQL Sample Quantitation Limit (adjusted MDL)

03/17/08 03316 BLYSEWE



Blytheville Sewer Department

City of Blytheville
P.O. Box 1784
Blytheville, AR 72316

Project **Motor Technologies**
Description **Group**
Project No. **022908MTG**

Lab Order Number **0802605**
Lab ID **0802605-002A**
Field ID **Composite 2/28-29/08**
Alternate ID **59718**

Report of Analysis
Received **02/29/08**
Matrix **Aqueous**
Sampled **02/29/08 9:00**

Analytical Method 608

| Prep Method | 608 | Prep Batch(s) | 19473 | Date/Time Prepped | 03/03/08 10:40 | | |
|---------------------------------|----------|----------------|--------|-------------------|--------------------|-------|------------------|
| Compound | Result | Units | MQL | DF | Date/Time Analyzed | By | Analytical Batch |
| Aldrin | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:32 | DPC | 33114 |
| alpha-BHC | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:32 | DPC | 33114 |
| beta-BHC | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:32 | DPC | 33114 |
| delta-BHC | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:32 | DPC | 33114 |
| gamma-BHC | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:32 | DPC | 33114 |
| Chlordane | < 0.200 | µg/L | 0.200 | 10 | 03/11/08 21:32 | DPC | 33114 |
| 4,4'-DDD | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:32 | DPC | 33114 |
| 4,4'-DDE | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:32 | DPC | 33114 |
| 4,4'-DDT | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:32 | DPC | 33114 |
| Dieldrin | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:32 | DPC | 33114 |
| Endosulfan I | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:32 | DPC | 33114 |
| Endosulfan II | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:32 | DPC | 33114 |
| Endosulfan sulfate | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:32 | DPC | 33114 |
| Endrin | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:32 | DPC | 33114 |
| Endrin aldehyde | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:32 | DPC | 33114 |
| Endrin Ketone | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:32 | DPC | 33114 |
| Heptachlor | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:32 | DPC | 33114 |
| Heptachlor epoxide | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:32 | DPC | 33114 |
| Toxaphene | < 0.300 | µg/L | 0.300 | 10 | 03/11/08 21:32 | DPC | 33114 |
| Surrogate: Decachlorobiphenyl | 28 % * | Limits: 36-116 | 10 | 03/11/08 21:32 | DPC | 33114 | |
| Surrogate: Tetrachloro-m-xylene | 49 % | Limits: 25-123 | 10 | 03/11/08 21:32 | DPC | 33114 | |

Qualifiers/Definitions

- * Surrogate Recovery outside accepted limits
- * I Recoveries affected by interferences or high background
- B Analyte detected in the associated Method Blank
- DF Dilution Factor
- E Value exceeds method calibration range
- H Prepped / Analyzed out of holding time.
- J Estimated Value Analyte below reported detection limit
- M Minimum value
- MDL Method Detection Limit (unadjusted)
- MQL Method Quantitation Limit (adjusted)
- MRL Method Reporting Limit
- N Refer to attached Non-Compliance Report
- Q RPD >40% between primary and confirmation columns
- SQL Sample Quantitation Limit (adjusted MDL)

03/17/08 03316 BLYSEWE



Blytheville Sewer Department
City of Blytheville
P.O. Box 1784
Blytheville, AR 72316

Project Motor Technologies
Description Group
Project No. 022908MTG

Lab Order Number 0802605
Lab ID 0802605-002A
Field ID Composite 2/28-29/08
Alternate ID 59718

Report of Analysis
Received 02/29/08
Matrix Aqueous
Sampled 02/29/08 9:00

Analytical Method 625

Prep Method 625 Prep Batch(s) 19455 Date/Time Prepped 02/29/08 9:35

Table with columns: Compound, Result, Units, MQL, DF, Date/Time Analyzed, By, Analytical Batch. Lists various chemical compounds and their detection results.

Qualifiers/Definitions table listing codes (B, E, J, MDL, MRL, Q) and their corresponding definitions for surrogate recovery, detection limits, and reporting standards.

03/17/08 03316 BLYSEWE



Blytheville Sewer Department

City of Blytheville
 P.O. Box 1784
 Blytheville, AR 72316

Project **Motor Technologies**
 Description **Group**
 Project No. **022908MTG**

Lab Order Number **0802605**
 Lab ID **0802605-002A**
 Field ID **Composite 2/28-29/08**
 Alternate ID **59718**

Report of Analysis
 Received **02/29/08**
 Matrix **Aqueous**
 Sampled **02/29/08 9:00**

Analytical Method 625

Prep Method 625 Prep Batch(s) 19455 Date/Time Prepped 02/29/08 9:35

| Compound | Result | Units | MQL | DF | Date/Time Analyzed | By | Analytical Batch |
|----------------------------------|--------|-------|------|----|--------------------|----|------------------|
| 2,4-Dichlorophenol | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| Diethyl phthalate | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| 2,4-Dimethylphenol | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| Dimethyl phthalate | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| 4,6-Dinitro-2-methylphenol | < 10.0 | µg/L | 10.0 | 1 | 03/08/08 14:58 | AA | 32968 |
| 2,4-Dinitrophenol | < 5.00 | µg/L | 5.00 | 1 | 03/11/08 21:19 | AA | 32968 |
| 2,4-Dinitrotoluene | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| 2,6-Dinitrotoluene | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| Di-n-octyl phthalate | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| 1,2-Diphenylhydrazine/Azobenzene | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| Fluoranthene | < 2.00 | µg/L | 2.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| Fluorene | < 2.00 | µg/L | 2.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| Hexachlorobenzene | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| Hexachlorobutadiene | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| Hexachlorocyclopentadiene | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| Hexachloroethane | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| Indeno(1,2,3-cd)pyrene | < 2.00 | µg/L | 2.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| Isophorone | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| Naphthalene | < 2.00 | µg/L | 2.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| Nitrobenzene | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| 2-Nitrophenol | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| 4-Nitrophenol | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:58 | AA | 32968 |
| N-Nitrosodimethylamine | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| N-Nitrosodiphenylamine | < 10.0 | µg/L | 10.0 | 1 | 03/08/08 14:58 | AA | 32968 |
| N-Nitrosodi-n-propylamine | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |
| Pentachlorophenol | < 5.00 | µg/L | 5.00 | 1 | 03/08/08 14:58 | AA | 32968 |

| | | |
|--------------------|--|---|
| Qualifiers/ | * Surrogate Recovery outside accepted limits | * I Recoveries affected by interferences or high background |
| Definitions | B Analyte detected in the associated Method Blank | DF Dilution Factor |
| | E Value exceeds method calibration range | H Prepped / Analyzed out of holding time. |
| | J Estimated Value Analyte below reported detection limit | M Minimum value |
| | MDL Method Detection Limit (unadjusted) | MQL Method Quantitation Limit (adjusted) |
| | MRL Method Reporting Limit | N Refer to attached Non-Compliance Report |
| | Q RPD >40% between primary and confirmation columns | SQL Sample Quantitation Limit (adjusted MDL) |

03/17/08 03316 BLYSEWE



Blytheville Sewer Department
 City of Blytheville
 P.O. Box 1784
 Blytheville, AR 72316

Project **Steel Related**
 Description **Technologies**
 Project No. **020508SRT**

Site **Outfall 002**

Report of Analysis

Lab Order Number **0802087**

Lab ID **0802087-001**

Received **02/06/08**

Field ID **Grab**

Matrix **Aqueous**

Sampled **02/05/08 08:00**

| Test | Result | Units | MQL | DF | Date/Time Analyzed | By | Analytical Method |
|----------------|---------|-------|-------|----|--------------------|----|-------------------|
| Cyanide, Total | < 0.010 | mg/L | 0.010 | 1 | 02/08/08 09:20 | GD | 4500CNE |

Lab ID **0802087-002**

Received **02/06/08**

Field ID **Composite 2/4-5/08**

Matrix **Aqueous**

Sampled **02/05/08 08:00**

| Test | Result | Units | MQL | DF | Date/Time Analyzed | By | Analytical Method |
|------------------------|--------------|-------|--------------|----------|-----------------------|------------|-------------------|
| Silver | < 0.005 | mg/L | 0.005 | 1 | 02/08/08 23:29 | JTR | 200.7 |
| Cadmium | < 0.002 | mg/L | 0.002 | 1 | 02/08/08 23:29 | JTR | 200.7 |
| Chromium | < 0.005 | mg/L | 0.005 | 1 | 02/08/08 23:29 | JTR | 200.7 |
| Copper | 0.054 | mg/L | 0.005 | 1 | 02/08/08 23:29 | JTR | 200.7 |
| Nickel | 0.026 | mg/L | 0.005 | 1 | 02/08/08 23:29 | JTR | 200.7 |
| Lead | < 0.006 | mg/L | 0.006 | 1 | 02/08/08 23:29 | JTR | 200.7 |
| Zinc | 0.030 | mg/L | 0.010 | 1 | 02/08/08 23:29 | JTR | 200.7 |
| Total Suspended Solids | 12 | mg/L | 2 | 1 | 02/06/08 16:00 | CT | 2540D |

Qualifiers/Definitions

- * Surrogate Recovery outside accepted limits
- B Analyte detected in the associated Method Blank
- E Value exceeds method calibration range
- J Estimated Value Analyte below reported detection limit
- MDL Method Detection Limit (unadjusted)
- MRL Method Reporting Limit
- Q RPD >40% between primary and confirmation columns

- * I Recoveries affected by interferences or high background
- DF Dilution Factor
- H Prepped / Analyzed out of holding time.
- M Minimum value
- MQL Method Quantitation Limit (adjusted)
- N Refer to attached Non-Compliance Report
- SQL Sample Quantitation Limit (adjusted MDL)

02/19/08

BLYSEWE



Blytheville Sewer Department

City of Blytheville
P.O. Box 1784

Blytheville, AR 72316

Lab Order Number **0802087**

Lab ID **0802087-001A**

Field ID **Grab**

Project **Steel Related**

Description **Technologies**

Project No. **020508SRT**

Site **Outfall 002**

Report of Analysis

Received **02/06/08**

Matrix **Aqueous**

Sampled **02/05/08 08:00**

Analytical Method 624

Prep Method 624 Prep Batch(s) 19252 Date/Time Prepped 02/15/08 13:16

| Compound | Result | Units | ML | DF | Date/Time Analyzed | By | Analytical Batch |
|---------------------------|--------|-------|------|----|--------------------|----|------------------|
| Acrolein | < 20.0 | µg/L | 20.0 | 1 | 02/15/08 16:30 | VS | 32620 |
| Acrylonitrile | < 20.0 | µg/L | 20.0 | 1 | 02/15/08 16:30 | VS | 32620 |
| Benzene | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| Bromodichloromethane | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| Bromoform | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| Bromomethane | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| Carbon tetrachloride | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| Chlorobenzene | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| Chlorodibromomethane | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| Chloroethane | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| 2-Chloroethyl vinyl ether | < 5.00 | µg/L | 5.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| Chloroform | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| Chloromethane | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| 1,2-Dichlorobenzene | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| 1,3-Dichlorobenzene | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| 1,4-Dichlorobenzene | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| 1,1-Dichloroethane | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| 1,2-Dichloroethane | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| 1,1-Dichloroethene | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| trans-1,2-Dichloroethene | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| 1,2-Dichloropropane | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| cis-1,3-Dichloropropene | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| trans-1,3-Dichloropropene | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| Ethylbenzene | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| Methylene chloride | < 10.0 | µg/L | 10.0 | 1 | 02/15/08 16:30 | VS | 32620 |
| Styrene | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |

| | | |
|--------------------|--|---|
| Qualifiers/ | * Surrogate Recovery outside accepted limits | * I Recoveries affected by interferences or high background |
| Definitions | B Analyte detected in the associated Method Blank | DF Dilution Factor |
| | E Value exceeds method calibration range | H Prepped / Analyzed out of holding time. |
| | J Estimated Value Analyte below reported detection limit | M Minimum value |
| | MDL Method Detection Limit (unadjusted) | ML Method Quantitation Limit (adjusted) |
| | MRL Method Reporting Limit | N Refer to attached Non-Compliance Report |
| | Q RPD >40% between primary and confirmation columns | SQL Sample Quantitation Limit (adjusted MDL) |

02/19/08 BLYSEWE



Blytheville Sewer Department
 City of Blytheville
 P.O. Box 1784
 Blytheville, AR 72316

Project **Steel Related**
 Description **Technologies**
 Project No. **020508SRT**

Site **Outfall 002**

Lab Order Number **0802087**
 Lab ID **0802087-001A**
 Field ID **Grab**

Report of Analysis
 Received **02/06/08**
 Matrix **Aqueous**
 Sampled **02/05/08 08:00**

Analytical Method 624

| Prep Method | 624 | Prep Batch(s) | 19252 | Date/Time | Prepped | 02/15/08 13:16 | |
|----------------------------------|--------|---------------|----------------|-----------|--------------------|----------------|------------------|
| Compound | Result | Units | ML | DF | Date/Time Analyzed | By | Analytical Batch |
| 1,1,1,2-Tetrachloroethane | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| 1,1,2,2-Tetrachloroethane | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| Tetrachloroethene | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| Toluene | < 5.00 | µg/L | 5.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| 1,1,1-Trichloroethane | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| 1,1,2-Trichloroethane | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| Trichloroethene | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| Trichlorofluoromethane | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| Vinyl chloride | < 1.00 | µg/L | 1.00 | 1 | 02/15/08 16:30 | VS | 32620 |
| Surrogate: Dibromofluoromethane | 103 % | | Limits: 75-125 | 1 | 02/15/08 16:30 | VS | 32620 |
| Surrogate: Toluene-d8 | 101 % | | Limits: 85-120 | 1 | 02/15/08 16:30 | VS | 32620 |
| Surrogate: 4-Bromofluorobenzene | 107 % | | Limits: 85-118 | 1 | 02/15/08 16:30 | VS | 32620 |
| Surrogate: 1,2-Dichloroethane-d4 | 111 % | | Limits: 72-132 | 1 | 02/15/08 16:30 | VS | 32620 |

| Qualifiers/Definitions | | |
|------------------------|--|---|
| * | Surrogate Recovery outside accepted limits | * I Recoveries affected by interferences or high background |
| B | Analyte detected in the associated Method Blank | DF Dilution Factor |
| E | Value exceeds method calibration range | H Prepped / Analyzed out of holding time. |
| J | Estimated Value Analyte below reported detection limit | M Minimum value |
| MDL | Method Dection Limit (unadjusted) | MLQ Method Quantitation Limit (adjusted) |
| MRL | Method Reporting Limit | N Refer to attached Non-Compliance Report |
| Q | RPD >40% between primary and confirmation columns | SQL Sample Quantitation Limit (adjusted MDL) |

02/19/08

BLYSEWE



Blytheville Sewer Department
 City of Blytheville
 P.O. Box 1784
 Blytheville, AR 72316

Project **Steel Related**
 Description **Technologies**
 Project No. **020508SRT**

Site **Outfall 002**

Lab Order Number **0802087**
 Lab ID **0802087-001B**
 Field ID **Grab**

Report of Analysis
 Received **02/06/08**
 Matrix **Aqueous**
 Sampled **02/05/08 08:00**

Analytical Method 608

| Prep Method | 608 | Prep Batch(s) | 19176 | Date/Time Prepped | 02/11/08 09:40 | | |
|---------------------------------|---------|---------------|----------------|-------------------|--------------------|-----|------------------|
| Compound | Result | Units | MQL | DF | Date/Time Analyzed | By | Analytical Batch |
| Aroclor 1016 | < 0.500 | µg/L | 0.500 | 1 | 02/11/08 16:55 | DPC | 32533 |
| Aroclor 1221 | < 0.500 | µg/L | 0.500 | 1 | 02/11/08 16:55 | DPC | 32533 |
| Aroclor 1232 | < 0.500 | µg/L | 0.500 | 1 | 02/11/08 16:55 | DPC | 32533 |
| Aroclor 1242 | < 0.500 | µg/L | 0.500 | 1 | 02/11/08 16:55 | DPC | 32533 |
| Aroclor 1248 | < 0.500 | µg/L | 0.500 | 1 | 02/11/08 16:55 | DPC | 32533 |
| Aroclor 1254 | < 0.500 | µg/L | 0.500 | 1 | 02/11/08 16:55 | DPC | 32533 |
| Aroclor 1260 | < 0.500 | µg/L | 0.500 | 1 | 02/11/08 16:55 | DPC | 32533 |
| Surrogate: Decachlorobiphenyl | | 12 % | Limits: 36-116 | 1 | 02/11/08 16:55 | DPC | 32533 |
| Surrogate: Tetrachloro-m-xylene | | 47 % | Limits: 25-123 | 1 | 02/11/08 16:55 | DPC | 32533 |

| Qualifiers/ Definitions | | | |
|-------------------------|--|-----|---|
| * | Surrogate Recovery outside accepted limits | * I | Recoveries affected by interferences or high background |
| B | Analyte detected in the associated Method Blank | DF | Dilution Factor |
| E | Value exceeds method calibration range | H | Prepped / Analyzed out of holding time. |
| J | Estimated Value Analyte below reported detection limit | M | Minimum value |
| MDL | Method Dection Limit (unadjusted) | MQL | Method Quantitation Limit (adjusted) |
| MRL | Method Reporting Limit | N | Refer to attached Non-Compliance Report |
| Q | RPD >40% between primary and confirmation columns | SQL | Sample Quantitation Limit (adjusted MDL) |

02/19/08

BLYSEWE



Blytheville Sewer Department
 City of Blytheville
 P.O. Box 1784
 Blytheville, AR 72316

Project **Steel Related**
 Description **Technologies**
 Project No. **020508SRT**

Site **Outfall 002**

Lab Order Number **0802087**
 Lab ID **0802087-001B**
 Field ID **Grab**

Report of Analysis
 Received **02/06/08**
 Matrix **Aqueous**
 Sampled **02/05/08 08:00**

Analytical Method 625

| Prep Method | 625 | Prep Batch(s) | 19152 | Date/Time Prepped | 02/07/08 11:20 | | |
|-----------------------------------|-------------|---------------|-------------|-------------------|-----------------------|------------|------------------|
| Compound | Result | Units | MQL | DF | Date/Time Analyzed | By | Analytical Batch |
| Acenaphthene | < 2.00 | µg/L | 2.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Acenaphthylene | < 2.00 | µg/L | 2.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Anthracene | < 2.00 | µg/L | 2.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Benzidine | < 20.0 MMM | µg/L | 20.0 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Benzo(a)anthracene | < 2.00 | µg/L | 2.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Benzo(b)fluoranthene | < 2.00 | µg/L | 2.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Benzo(k)fluoranthene | < 2.00 | µg/L | 2.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Benzo(g,h,i)perylene | < 2.00 | µg/L | 2.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Benzo(a)pyrene | < 2.00 | µg/L | 2.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Bis(2-chloroethyl)ether | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Bis(2-chloroethoxy)methane | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Bis(2-chloroisopropyl)ether | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Bis(2-ethylhexyl)phthalate | 79.3 | µg/L | 10.0 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Bis(Chloromethyl)ether | < 5.00 M | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 4-Bromophenyl phenyl ether | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Butyl benzyl phthalate | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 4-Chloro-3-methylphenol | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 2-Chloronaphthalene | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 2-Chlorophenol | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 4-Chlorophenyl phenyl ether | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Chrysene | < 2.00 | µg/L | 2.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Dibenz(a,h)anthracene | < 2.00 | µg/L | 2.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 1,2-Dichlorobenzene | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 1,3-Dichlorobenzene | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 1,4-Dichlorobenzene | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Di-n-butyl phthalate | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |

| | | |
|--------------------|--|---|
| Qualifiers/ | * Surrogate Recovery outside accepted limits | * I Recoveries affected by interferences or high background |
| Definitions | B Analyte detected in the associated Method Blank | DF Dilution Factor |
| | E Value exceeds method calibration range | H Prepped / Analyzed out of holding time. |
| | J Estimated Value Analyte below reported detection limit | M Minimum value |
| | MDL Method Dection Limit (unadjusted) | MQL Method Quantitation Limit (adjusted) |
| | MRL Method Reporting Limit | N Refer to attached Non-Compliance Report |
| | Q RPD >40% between primary and confirmation columns | SQL Sample Quantitation Limit (adjusted MDL) |
| 02/19/08 | BLYSEWE | |

Blytheville Sewer Department
City of Blytheville
P.O. Box 1784
Blytheville, AR 72316

Project **Steel Related**
Description **Technologies**
Project No. **020508SRT**

Site **Outfall 002**

Lab Order Number **0802087**
Lab ID **0802087-001B**
Field ID **Grab**

Report of Analysis
Received **02/06/08**
Matrix **Aqueous**
Sampled **02/05/08 08:00**

Analytical Method 625

| Prep Method | 625 | Prep Batch(s) | 19152 | Date/Time Prepped | 02/07/08 11:20 | | |
|----------------------------------|--------|---------------|-------|-------------------|--------------------|-----|------------------|
| Compound | Result | Units | MQL | DF | Date/Time Analyzed | By | Analytical Batch |
| 3,3'-Dichlorobenzidine | < 10.0 | µg/L | 10.0 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 2,4-Dichlorophenol | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Diethyl phthalate | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 2,4-Dimethylphenol | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Dimethyl phthalate | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 4,6-Dinitro-2-methylphenol | < 10.0 | µg/L | 10.0 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 2,4-Dinitrophenol | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 2,4-Dinitrotoluene | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 2,6-Dinitrotoluene | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Di-n-octyl phthalate | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 1,2-Diphenylhydrazine/Azobenzene | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Fluoranthene | < 2.00 | µg/L | 2.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Fluorene | < 2.00 | µg/L | 2.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Hexachlorobenzene | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Hexachlorobutadiene | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Hexachlorocyclopentadiene | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Hexachloroethane | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Indeno(1,2,3-cd)pyrene | < 2.00 | µg/L | 2.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Isophorone | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Naphthalene | < 2.00 | µg/L | 2.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Nitrobenzene | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 2-Nitrophenol | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 4-Nitrophenol | < 20.0 | µg/L | 20.0 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| N-Nitrosodimethylamine | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| N-Nitrosodiphenylamine | < 10.0 | µg/L | 10.0 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| N-Nitrosodi-n-propylamine | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |

| Qualifiers/Definitions | | |
|------------------------|--|---|
| * | Surrogate Recovery outside accepted limits | * I Recoveries affected by interferences or high background |
| B | Analyte detected in the associated Method Blank | DF Dilution Factor |
| E | Value exceeds method calibration range | H Prepped / Analyzed out of holding time. |
| J | Estimated Value Analyte below reported detection limit | M Minimum value |
| MDL | Method Dection Limit (unadjusted) | MQL Method Quantitation Limit (adjusted) |
| MRL | Method Reporting Limit | N Refer to attached Non-Compliance Report |
| Q | RPD >40% between primary and confirmation columns | SQL Sample Quantitation Limit (adjusted MDL) |

02/19/08 BLYSEWE

Blytheville Sewer Department
City of Blytheville
P.O. Box 1784
Blytheville, AR 72316

Project **Steel Related**
Description **Technologies**
Project No. **020508SRT**

Site **Outfall 002**

Lab Order Number **0802087**
Lab ID **0802087-001B**
Field ID **Grab**

Report of Analysis
Received **02/06/08**
Matrix **Aqueous**
Sampled **02/05/08 08:00**

Analytical Method 625

| Prep Method | 625 | Prep Batch(s) | 19152 | Date/Time Prepped | 02/07/08 11:20 | | |
|---------------------------------|--------|---------------|----------------|-------------------|--------------------|-----|------------------|
| Compound | Result | Units | MQL | DF | Date/Time Analyzed | By | Analytical Batch |
| Pentachlorophenol | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Phenanthrene | < 2.00 | µg/L | 2.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Phenol | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Pyrene | < 2.00 | µg/L | 2.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 1,2,4-Trichlorobenzene | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| 2,4,6-Trichlorophenol | < 5.00 | µg/L | 5.00 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Surrogate: Nitrobenzene-d5 | 82 % | | Limits: 29-110 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Surrogate: 2-Fluorobiphenyl | 82 % | | Limits: 38-107 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Surrogate: 4-Terphenyl-d14 | 99 % | | Limits: 33-122 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Surrogate: Phenol-d6 | 32 % | | Limits: 7-58 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Surrogate: 2,4,6-Tribromophenol | 74 % | | Limits: 16-138 | 1 | 02/12/08 20:29 | AA1 | 32499 |
| Surrogate: 2-Fluorophenol | 42 % | | Limits: 8-88 | 1 | 02/12/08 20:29 | AA1 | 32499 |

| Qualifiers/Definitions | * Surrogate Recovery outside accepted limits | * I Recoveries affected by interferences or high background |
|------------------------|--|---|
| B | Analyte detected in the associated Method Blank | DF Dilution Factor |
| E | Value exceeds method calibration range | H Prepped / Analyzed out of holding time. |
| J | Estimated Value Analyte below reported detection limit | M Minimum value |
| MDL | Method Dection Limit (unadjusted) | MQL Method Quantitation Limit (adjusted) |
| MRL | Method Reporting Limit | N Refer to attached Non-Compliance Report |
| Q | RPD >40% between primary and confirmation columns | SQL Sample Quantitation Limit (adjusted MDL) |

02/19/08

BLYSEWE



ENVIRONMENTAL TESTING & CONSULTING, INC.

2790 Whitten Road Memphis, Tennessee 38133 (901) 213-2400 Fax (901) 213-2440
"A Laboratory Management Partner"

03316
Blytheville Sewer Department
Mr. James Yankee
City of Blytheville
P.O. Box 1784
Blytheville, AR 72316

Project ID :
Description : Motor Appliance
022708MAC

Report Date : 3/13/2008

Report Number : **08-060-0233**

REPORT OF ANALYSIS

Received : 2/29/2008

Lab No : **59715**
Sample ID : **Effluent Grab**

Matrix: **Aqueous**
Sampled: **2/27/2008 8:00**

| Test | Results | Units | MQL | Date / Time Analyzed | By | Analytical Method |
|----------------|------------|-------|------|----------------------|----|-------------------|
| Oil and Grease | 189 | mg/L | 3 | 03/06/08 12:30 | TA | EPA-1664 |
| Total Cyanide | <0.01 | mg/L | 0.01 | 03/04/08 08:55 | GD | SM-4500CNE |

Lab No : **59716**
Sample ID : **Effluent Composite 2/26-27/08**

Matrix: **Aqueous**
Sampled: **2/27/2008 8:00**

| Test | Results | Units | MQL | Date / Time Analyzed | By | Analytical Method |
|------------------------|--------------|-------|-------|----------------------|-----|-------------------|
| Total Cadmium | <0.002 | mg/L | 0.002 | 03/13/08 00:11 | JTR | EPA-200.7 |
| Total Chromium | 0.068 | mg/L | 0.005 | 03/13/08 00:11 | JTR | EPA-200.7 |
| Total Copper | 0.223 | mg/L | 0.005 | 03/13/08 00:11 | JTR | EPA-200.7 |
| Total Lead | 0.009 | mg/L | 0.006 | 03/13/08 00:11 | JTR | EPA-200.7 |
| Total Nickel | 0.215 | mg/L | 0.005 | 03/13/08 00:11 | JTR | EPA-200.7 |
| Total Silver | <0.005 | mg/L | 0.005 | 03/13/08 00:11 | JTR | EPA-200.7 |
| Total Suspended Solids | 150 | mg/L | 20 | 03/03/08 14:00 | CT | SM-2540D |
| Total Zinc | 0.225 | mg/L | 0.01 | 03/13/08 00:11 | JTR | EPA-200.7 |

Qualifiers/
Definitions MQL Method Quantitation Limit



Blytheville Sewer Department
 City of Blytheville
 P.O. Box 1784
 Blytheville, AR 72316

Project **Motor Appliance**
 Description
 Project No. **022708MAC**

Lab Order Number **0802604**
 Lab ID **0802604-001A**
 Field ID **Grab**
 Alternate ID **59715**

Report of Analysis
 Received **02/29/08**
 Matrix **Aqueous**
 Sampled **02/27/08 8:00**

Analytical Method 624

Prep Method 624 Prep Batch(s) 19112 Date/Time Prepped 03/05/08 10:06

| Compound | Result | Units | MQL | DF | Date/Time Analyzed | By | Analytical Batch |
|---------------------------|----------|-------|------|----|--------------------|----|------------------|
| Acrolein | < 20.0 | µg/L | 20.0 | 1 | 03/05/08 17:26 | LS | 32991 |
| Acrylonitrile | < 20.0 | µg/L | 20.0 | 1 | 03/05/08 17:26 | LS | 32991 |
| Benzene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| Bromodichloromethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| Bromoform | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| Bromomethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| Carbon tetrachloride | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| Chlorobenzene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| Chlorodibromomethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| Chloroethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| 2-Chloroethyl vinyl ether | < 5.00 M | µg/L | 5.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| Chloroform | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| Chloromethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| 1,2-Dichlorobenzene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| 1,3-Dichlorobenzene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| 1,4-Dichlorobenzene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| 1,1-Dichloroethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| 1,2-Dichloroethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| 1,1-Dichloroethene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| trans-1,2-Dichloroethene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| 1,2-Dichloropropane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| cis-1,3-Dichloropropene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| trans-1,3-Dichloropropene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| Ethylbenzene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| Methylene chloride | < 10.0 | µg/L | 10.0 | 1 | 03/05/08 17:26 | LS | 32991 |
| Styrene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |

| | | |
|--------------------|--|---|
| Qualifiers/ | * Surrogate Recovery outside accepted limits | * I Recoveries affected by interferences or high background |
| Definitions | B Analyte detected in the associated Method Blank | DF Dilution Factor |
| | E Value exceeds method calibration range | H Prepped / Analyzed out of holding time. |
| | J Estimated Value Analyte below reported detection limit | M Minimum value |
| | MDL Method Detection Limit (unadjusted) | MQL Method Quantitation Limit (adjusted) |
| | MRL Method Reporting Limit | N Refer to attached Non-Compliance Report |
| | Q RPD >40% between primary and confirmation columns | SQL Sample Quantitation Limit (adjusted MDL) |

03/13/08 03316 BLYSEWE



Blytheville Sewer Department
 City of Blytheville
 P.O. Box 1784
 Blytheville, AR 72316

Project **Motor Appliance**
 Description
 Project No. **022708MAC**

Lab Order Number **0802604**
 Lab ID **0802604-001A**
 Field ID **Grab**
 Alternate ID **59715**

Report of Analysis
 Received **02/29/08**
 Matrix **Aqueous**
 Sampled **02/27/08 8:00**

Analytical Method 624

| Prep Method | 624 | Prep Batch(s) | 19112 | Date/Time Prepped | 03/05/08 10:06 | | |
|----------------------------------|-------------|---------------|----------------|-------------------|-----------------------|-----------|------------------|
| Compound | Result | Units | MQL | DF | Date/Time Analyzed | By | Analytical Batch |
| 1,1,1,2-Tetrachloroethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| 1,1,2,2-Tetrachloroethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| Tetrachloroethene | 2.23 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| Toluene | < 5.00 | µg/L | 5.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| 1,1,1-Trichloroethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| 1,1,2-Trichloroethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| Trichloroethene | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| Trichlorofluoromethane | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| Vinyl chloride | < 1.00 | µg/L | 1.00 | 1 | 03/05/08 17:26 | LS | 32991 |
| Surrogate: Dibromofluoromethane | | 121 % | Limits: 75-125 | 1 | 03/05/08 17:26 | LS | 32991 |
| Surrogate: Toluene-d8 | | 102 % | Limits: 85-120 | 1 | 03/05/08 17:26 | LS | 32991 |
| Surrogate: 4-Bromofluorobenzene | | 106 % | Limits: 85-118 | 1 | 03/05/08 17:26 | LS | 32991 |
| Surrogate: 1,2-Dichloroethane-d4 | | 125 % | Limits: 72-132 | 1 | 03/05/08 17:26 | LS | 32991 |

| Qualifiers/Definitions | * Surrogate Recovery outside accepted limits | * f Recoveries affected by interferences or high background |
|------------------------|--|---|
| B | Analyte detected in the associated Method Blank | DF Dilution Factor |
| E | Value exceeds method calibration range | H Prepped / Analyzed out of holding time. |
| J | Estimated Value Analyte below reported detection limit | M Minimum value |
| MDL | Method Decision Limit (unadjusted) | MQL Method Quantitation Limit (adjusted) |
| MRL | Method Reporting Limit | N Refer to attached Non-Compliance Report |
| Q | RPD >40% between primary and confirmation columns | SQL Sample Quantitation Limit (adjusted MDL) |

03/13/08 03316 BLYSEWE



Blytheville Sewer Department

City of Blytheville
P.O. Box 1784
Blytheville, AR 72316

Project **Motor Appliance**

Description

Project No. **022708MAC**

Lab Order Number **0802604**

Lab ID **0802604-002A**

Field ID **Composite 2/26-27/08**

Alternate ID **59716**

Report of Analysis

Received **02/29/08**

Matrix **Aqueous**

Sampled **02/27/08 8:00**

Analytical Method 608

Prep Method 608 Prep Batch(s) 19474 Date/Time Prepped 03/03/08 10:40

| Compound | Result | Units | MQL | DF | Date/Time Analyzed | By | Analytical Batch |
|---------------------------------|---------|----------------|-------|----------------|--------------------|-------|------------------|
| Aroclor 1016 | < 0.500 | µg/L | 0.500 | 1 | 03/05/08 11:44 | DPC | 32999 |
| Aroclor 1221 | < 0.500 | µg/L | 0.500 | 1 | 03/05/08 11:44 | DPC | 32999 |
| Aroclor 1232 | < 0.500 | µg/L | 0.500 | 1 | 03/05/08 11:44 | DPC | 32999 |
| Aroclor 1242 | < 0.500 | µg/L | 0.500 | 1 | 03/05/08 11:44 | DPC | 32999 |
| Aroclor 1248 | < 0.500 | µg/L | 0.500 | 1 | 03/05/08 11:44 | DPC | 32999 |
| Aroclor 1254 | < 0.500 | µg/L | 0.500 | 1 | 03/05/08 11:44 | DPC | 32999 |
| Aroclor 1260 | < 0.500 | µg/L | 0.500 | 1 | 03/05/08 11:44 | DPC | 32999 |
| Surrogate: Decachlorobiphenyl | 6 % * | Limits: 36-116 | 1 | 03/05/08 11:44 | DPC | 32999 | |
| Surrogate: Tetrachloro-m-xylene | 9 % * | Limits: 25-123 | 1 | 03/05/08 11:44 | DPC | 32999 | |

| | | |
|--------------------|--|---|
| Qualifiers/ | * Surrogate Recovery outside accepted limits | * I Recoveries affected by interferences or high background |
| Definitions | B Analyte detected in the associated Method Blank | DF Dilution Factor |
| | E Value exceeds method calibration range | H Prepped / Analyzed out of holding time. |
| | J Estimated Value Analyte below reported detection limit | M Minimum value |
| | MDL Method Detection Limit (unadjusted) | MQL Method Quantitation Limit (adjusted) |
| | MRL Method Reporting Limit | N Refer to attached Non-Compliance Report |
| | Q RPD >40% between primary and confirmation columns | SQL Sample Quantitation Limit (adjusted MDL) |

03/13/08 03316 BLYSEWE



Blytheville Sewer Department

City of Blytheville
 P.O. Box 1784
 Blytheville, AR 72316

Project **Motor Appliance**

Description

Project No. **022708MAC**

Lab Order Number **0802604**

Lab ID **0802604-002A**

Field ID **Composite 2/26-27/08**

Alternate ID **59716**

Report of Analysis

Received **02/29/08**

Matrix **Aqueous**

Sampled **02/27/08 8:00**

Analytical Method 608

| Prep Method | 608 | Prep Batch(s) | 19473 | | | Date/Time Prepped | 03/03/08 10:40 | |
|---------------------------------|----------|---------------|----------------|----|--------------------|-------------------|------------------|--|
| Compound | Result | Units | MQL | DF | Date/Time Analyzed | By | Analytical Batch | |
| Aldrin | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| alpha-BHC | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| beta-BHC | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| delta-BHC | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| gamma-BHC | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| Chlordane | < 0.200 | µg/L | 0.200 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| 4,4'-DDD | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| 4,4'-DDE | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| 4,4'-DDT | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| Dieldrin | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| Endosulfan I | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| Endosulfan II | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| Endosulfan sulfate | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| Endrin | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| Endrin aldehyde | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| Endrin Ketone | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| Heptachlor | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| Heptachlor epoxide | < 0.0400 | µg/L | 0.0400 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| Toxaphene | < 0.300 | µg/L | 0.300 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| Surrogate: Decachlorobiphenyl | | 77 % | Limits: 36-116 | 10 | 03/11/08 21:06 | DPC | 33114 | |
| Surrogate: Tetrachloro-m-xylene | | 45 % | Limits: 25-123 | 10 | 03/11/08 21:06 | DPC | 33114 | |

| | | | | |
|--------------------|-----|--|-----|---|
| Qualifiers/ | * | Surrogate Recovery outside accepted limits | * I | Recoveries affected by interferences or high background |
| Definitions | B | Analyte detected in the associated Method Blank | DF | Dilution Factor |
| | E | Value exceeds method calibration range | H | Prepped / Analyzed out of holding time. |
| | J | Estimated Value Analyte below reported detection limit | M | Minimum value |
| | MDL | Method Dection Limit (unadjusted) | MQL | Method Quantitation Limit (adjusted) |
| | MRL | Method Reporting Limit | N | Refer to attached Non-Compliance Report |
| | Q | RPD >40% between primary and confirmation columns | SQL | Sample Quantitation Limit (adjusted MDL) |

03/13/08 03316 BLYSEWE



Blytheville Sewer Department

City of Blytheville
 P.O. Box 1784
 Blytheville, AR 72316

Project **Motor Appliance**
 Description
 Project No. **022708MAC**

Lab Order Number **0802604**
 Lab ID **0802604-002A**
 Field ID **Composite 2/26-27/08**
 Alternate ID **59716**

Report of Analysis

Received **02/29/08**
 Matrix **Aqueous**
 Sampled **02/27/08 8:00**

Analytical Method 625

Prep Method 625 Prep Batch(s) 19455 Date/Time Prepped 02/29/08 9:35

| Compound | Result | Units | MQL | DF | Date/Time Analyzed | By | Analytical Batch |
|-----------------------------------|------------|-------------|-------------|----------|-----------------------|-----------|------------------|
| Acenaphthene | < 8.00 | µg/L | 8.00 | 1 | 03/08/08 14:16 | AA | 32968 |
| Acenaphthylene | < 8.00 | µg/L | 8.00 | 1 | 03/08/08 14:16 | AA | 32968 |
| Anthracene | < 8.00 | µg/L | 8.00 | 1 | 03/08/08 14:16 | AA | 32968 |
| Benzidine | < 80.0 M | µg/L | 80.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| Benzo(a)anthracene | < 8.00 | µg/L | 8.00 | 1 | 03/08/08 14:16 | AA | 32968 |
| Benzo(b)fluoranthene | < 8.00 | µg/L | 8.00 | 1 | 03/08/08 14:16 | AA | 32968 |
| Benzo(k)fluoranthene | < 8.00 | µg/L | 8.00 | 1 | 03/08/08 14:16 | AA | 32968 |
| Benzo(g,h,i)perylene | < 8.00 | µg/L | 8.00 | 1 | 03/08/08 14:16 | AA | 32968 |
| Benzo(a)pyrene | < 8.00 | µg/L | 8.00 | 1 | 03/08/08 14:16 | AA | 32968 |
| Bis(2-chloroethyl)ether | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| Bis(2-chloroethoxy)methane | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| Bis(2-chloroisopropyl)ether | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| Bis(2-ethylhexyl)phthalate | 526 | µg/L | 40.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| 4-Bromophenyl phenyl ether | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| Butyl benzyl phthalate | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| 4-Chloro-3-methylphenol | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| 2-Chloronaphthalene | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| 2-Chlorophenol | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| 4-Chlorophenyl phenyl ether | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| Chrysene | < 8.00 | µg/L | 8.00 | 1 | 03/08/08 14:16 | AA | 32968 |
| Dibenz(a,h)anthracene | < 8.00 | µg/L | 8.00 | 1 | 03/08/08 14:16 | AA | 32968 |
| 1,2-Dichlorobenzene | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| 1,3-Dichlorobenzene | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| 1,4-Dichlorobenzene | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| Di-n-butyl phthalate | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| 3,3'-Dichlorobenzidine | < 40.0 | µg/L | 40.0 | 1 | 03/08/08 14:16 | AA | 32968 |

| | | | | |
|--------------------|-----|--|-----|---|
| Qualifiers/ | * | Surrogate Recovery outside accepted limits | * I | Recoveries affected by interferences or high background |
| Definitions | B | Analyte detected in the associated Method Blank | DF | Dilution Factor |
| | E | Value exceeds method calibration range | H | Prepped / Analyzed out of holding time. |
| | J | Estimated Value Analyte below reported detection limit | M | Minimum value |
| | MDL | Method Dection Limit (unadjusted) | MQL | Method Quantitation Limit (adjusted) |
| | MRL | Method Reporting Limit | N | Refer to attached Non-Compliance Report |
| | Q | RPD >40% between primary and confirmation columns | SQL | Sample Quantitation Limit (adjusted MDL) |

03/13/08 03316 BLYSEWE

Blytheville Sewer Department
City of Blytheville
P.O. Box 1784
Blytheville, AR 72316

Project **Motor Appliance**
Description
Project No. **022708MAC**

Lab Order Number **0802604**
Lab ID **0802604-002A**
Field ID **Composite 2/26-27/08**
Alternate ID **59716**

Report of Analysis
Received **02/29/08**
Matrix **Aqueous**
Sampled **02/27/08 8:00**

Analytical Method 625

| Prep Method | 625 | Prep Batch(s) | 19455 | Date/Time Prepped | 02/29/08 9:35 | | |
|----------------------------------|--------|---------------|-------|-------------------|--------------------|----|------------------|
| Compound | Result | Units | MQL | DF | Date/Time Analyzed | By | Analytical Batch |
| 2,4-Dichlorophenol | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| Diethyl phthalate | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| 2,4-Dimethylphenol | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| Dimethyl phthalate | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| 4,6-Dinitro-2-methylphenol | < 40.0 | µg/L | 40.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| 2,4-Dinitrophenol | < 20.0 | µg/L | 20.0 | 1 | 03/11/08 20:40 | AA | 32968 |
| 2,4-Dinitrotoluene | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| 2,6-Dinitrotoluene | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| Di-n-octyl phthalate | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| 1,2-Diphenylhydrazine/Azobenzene | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| Fluoranthene | < 8.00 | µg/L | 8.00 | 1 | 03/08/08 14:16 | AA | 32968 |
| Fluorene | < 8.00 | µg/L | 8.00 | 1 | 03/08/08 14:16 | AA | 32968 |
| Hexachlorobenzene | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| Hexachlorobutadiene | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| Hexachlorocyclopentadiene | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| Hexachloroethane | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| Indeno(1,2,3-cd)pyrene | < 8.00 | µg/L | 8.00 | 1 | 03/08/08 14:16 | AA | 32968 |
| Isophorone | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| Naphthalene | < 8.00 | µg/L | 8.00 | 1 | 03/08/08 14:16 | AA | 32968 |
| Nitrobenzene | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| 2-Nitrophenol | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| 4-Nitrophenol | < 80.0 | µg/L | 80.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| N-Nitrosodimethylamine | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| N-Nitrosodiphenylamine | < 40.0 | µg/L | 40.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| N-Nitrosodi-n-propylamine | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |
| Pentachlorophenol | < 20.0 | µg/L | 20.0 | 1 | 03/08/08 14:16 | AA | 32968 |

| | | | | |
|--------------------|-----|--|-----|---|
| Qualifiers/ | * | Surrogate Recovery outside accepted limits | * I | Recoveries affected by interferences or high background |
| Definitions | B | Analyte detected in the associated Method Blank | DF | Dilution Factor |
| | E | Value exceeds method calibration range | H | Prepped / Analyzed out of holding time. |
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| | MDL | Method Detection Limit (unadjusted) | MQL | Method Quantitation Limit (adjusted) |
| | MRL | Method Reporting Limit | N | Refer to attached Non-Compliance Report |
| | Q | RPD >40% between primary and confirmation columns | SQL | Sample Quantitation Limit (adjusted MDL) |

03/13/08 03316 BLYSEWE

MAYOR:
Barrett Harrison

CITY COUNCIL:
Ray Jones
Shirley Conneally
Shirley Overman
John Singleton
Mylas Jeffers
James Sanders

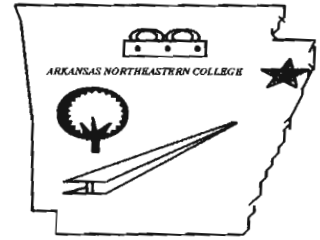
ATTORNEY:
Mike Bearden

PUBLIC UTILITIES
DIRECTOR:
Rick Mosley

SUPERINTENDENT:
Kenneth Ellis

Blytheville Wastewater Dept.
P.O. Box 1784
Blytheville, AR 72316-1784

Phone:(870) 763-4961
Fax: (870) 763-8541



July 21, 2008

Water Division Enforcement Section
ADEQ
5301 Northshore Drive
North Little Rock, AR 72118-5317

West Waste Water Treatment Plant

RE: AFIN: 47-00544

NPDES Permit No: AR0022560

Enclosed are the responses to the West Treatment Plant inspection violations performed by Mr. Brent Walker on May 22nd, 2008.

1. Improper operation and maintenance.

- a.) The barscreen motor burned up due to a bad gearbox. We had this repaired, plus purchased a new gearbox to have on hand.
- b.) The UV electrical connectors have been purchased and we have a quantity on hand
- c.) We are currently working on this problem.

2. Improper/inadequate monitoring procedures.

- a.) Thermometers will be calibrated and logged on calibration sheets.
- b.) EPA method 160.2 is no longer used for TSS. Method 2540D will be used for the analysis of TSS.
- c.) The laboratory QA/QC program will develop control and warning limits on control charts.

If you have any questions or need more information, please contact me at (870) 763-4961

Sincerely,

A handwritten signature in cursive script that reads "James Yankee". The signature is written in black ink and is positioned above the printed name and title.

James Yankee
Pretreatment Coordinator