



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
MEMPHIS ENVIRONMENTAL FIELD OFFICE**

8383 WOLF LAKE DRIVE
BARLETT, TN 38133-4119

PHONE (901) 371-3000 STATEWIDE 1-888-891-8332 FAX (901) 371-3170

CERTIFIED MAIL 91 7108 2133 3932 2045 1312
RETURN RECEIPT REQUESTED

June 14, 2012

Ms. Stacey Thomas
ACL Transportation Services, LLC
427 West Illinois Avenue
Memphis, TN 38106

Re: Compliance Evaluation Inspection (CEI)
ACL Transportation Services, LLC
National Pollutant Discharge Elimination System (NPDES) Permit # TN0001171
Memphis, Shelby County, Tennessee

Dear Ms. Thomas:

On May 24, 2012, I conducted a Compliance Evaluation Inspection (CEI) at the above-referenced site. Upon arrival at the facility, I met with you and stated that the purpose of the inspection was to evaluate the facility's compliance with its NPDES permit. This was accomplished by reviewing the facility's self-monitoring records and reports and conducting a walk-through inspection of the site.

Attached you will find a copy of the EPA Water Compliance Inspection Report, which summarizes the findings of the inspection. The overall score is 2, which indicates an unreliable self-monitoring program.

The following observations were noted during the inspection and should be addressed:

1. ACL Transportation Services, LLC, does not have an EPA approved method for obtaining the pH of the samples. According to you, pH strips are used to estimate the pH of the samples upon collection. An EPA approved digital temperature-compensated pH meter is recommended, and the meter must be calibrated according to the meter specifications (see Part B. "Monitoring Procedures," of the NPDES permit).

2. The sample at Outfall 001 was not analyzed for pH during the November 2011 sampling period. All required parameters need to be analyzed as required by the NPDES permit.
3. Total Suspended Solids (TSS) exceeded the permit limit during the February 2012 and April 2012 sampling period. The Division requires that ACL Transportation Services, LLC, continue to implement appropriate best management practices onsite to prevent future exceedances at Outfall 001.

Required Action:

- On or before July 12, 2012, submit a written response detailing what steps ACL Transportation Services, LLC, has taken and/or will take to address the issues noted above.

All correspondence should be mailed to the Division of Water Pollution Control, Memphis Environmental Field Office, at the address shown below. If you cannot meet the deadline, you must submit a written request for an extension of the response due date.

Tennessee Department of Environment and Conservation
Division of Water Pollution Control
Memphis Environmental Field Office
8383 Wolf Lake Drive
Bartlett, TN 38133

Your prompt attention and cooperation in this matter is appreciated. If you have any questions, please contact Ms. Maylynne Pynkala at (901) 371-3024.

Sincerely,



for Terry R. Templeton, LPG
Manager
Division of Water Pollution Control

Enclosure: CEI Report

ec: Enforcement and Compliance, TDEC/WPC/NCO
cc: File, TDEC/WPC/MEFO



Water Compliance Inspection Report

Section A: National Data Coding (i.e., PCS)

Transaction	Code	NPDES	yr / mo / dy	Inspection Type	Inspector	FacType									
1	N	2	5	3	T N 0 0 0 1 1 7 1	11 12	1 2 0 5 2 4	17	18	C	19	S	20	2	
Remarks															
21															
Inspection Work Days															
Facility Self-Monitoring Evaluation															
BI															
QA															
Reserved															
67	3	0	69	70	2	71	N	72	N	73		74	75		80

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) ACL Transportation Services, LLC 427 West Illinois Avenue Memphis, TN 38106	Entry Time / Date	Permit Effective Date
	9:00 AM / 5/24/12	5/1/11
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Stacey Thomas Facility Manager (901) 774-5460 / (FAX) 901-775-2098	Exit Time / Date	Permit Expiration Date
	2:00 PM / 5/24/12	3/31/15
Name, Address of Responsible Official/Title/Phone and Fax Number Stacey Thomas (Facility Manager) 427 West Illinois Avenue Memphis, TN 38106 (901) 774-5460 / (FAX) 901-775-2098	Other Facility Data (e.g., SIC NAICS, and other descriptive information) 4491	Contacted <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input checked="" type="checkbox"/> Permit	<input checked="" type="checkbox"/> Self-monitoring Program	<input type="checkbox"/> Pretreatment Program	<input type="checkbox"/> MS4
<input checked="" type="checkbox"/> Records / Reports	<input type="checkbox"/> Compliance Schedule	<input checked="" type="checkbox"/> Pollution Prevention	
<input checked="" type="checkbox"/> Facility Site Review	<input checked="" type="checkbox"/> Laboratory	<input checked="" type="checkbox"/> Storm Water	
<input checked="" type="checkbox"/> Effluent / Receiving Waters	<input type="checkbox"/> Operation & Maintenance	<input type="checkbox"/> Combined Sewer Overflow	
<input checked="" type="checkbox"/> Flow Measurement	<input type="checkbox"/> Sludge Handling / Disposal	<input type="checkbox"/> Sanitary Sewer Overflow	

Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

SEV Codes	SEV Description
A 0 0 2 2	Narrative Effluent Violation
A 0 0 1 2	Numeric Effluent Violation
C 0 0 1 7	Analysis Not Conducted

Name (s) and Signature(s) of Inspector(s) Maylynn Pynkala 	Agency/Office/Phone and Fax Numbers Tennessee Division of Water Pollution Control Memphis Environmental Field Office (901) 371-3024 (901) 371-3170	Date 6/14/12
Signature of Supervisor Reviewer Eddy Bouzeid 	Agency/Office/Phone and Fax Numbers Tennessee Division of Water Pollution Control Memphis Environmental Field Office (901) 371-3023 (901) 371-3170	Date 6/14/12
Signature of Management QA Reviewer Terry R. Templeton, LPG by	Agency/Office/Phone and Fax Numbers Tennessee Division of Water Pollution Control Memphis Environmental Field Office (901) 371-3018 (901) 371-3170	Date 6/14/12



EPA

**United States Environmental Protection Agency
Washington, D. C. 20460**

**Water Compliance Inspection Report
(Continued)**

Section D: Summary of Findings / Comments

On May 24, 2012, Ms. Maylynne Pynkala with the Division of Water Pollution Control, Memphis Environmental Field Office (WPC/MEFO), conducted a Compliance Evaluation Inspection (CEI) at the ACL Transportation Services, LLC, site located in Memphis, Tennessee. She met with Ms. Stacey Thomas (Facility Manager) to review the facility's monitoring records and to discuss the facility's self-monitoring program. Afterwards, Ms. Pynkala and Ms. Thomas toured the facility. The following is a summary of the inspection findings and observations.

I. Permit (Satisfactory)

National Pollutant Discharge Elimination System (NPDES) permit number TN0001171 for the ACL Transportation Services, LLC, site expires on March 31, 2015. The NPDES permit authorizes the facility to discharge storm water runoff, hydrostatic test water, and tank bottom and cleaning water via Outfall 001 and hydrostatic test water, treated bilge water, and tank bottom and cleaning water via Outfall 002. The discharge from the outfalls enters the Mississippi River at mile 734.4.

II. Records / Reports (Unsatisfactory)

At the time of the inspection, a copy of the NPDES permit was available and was reviewed.

At the time of the inspection, the facility's December 2010 through April 2012 Discharge Monitoring Reports (DMRs) and their corresponding sampling analysis data and chains of custody were available and reviewed. According to Ms. Thomas, documents dated before December 2010 were all destroyed during the May 2011 flood. Records of the facility's DMRs prior to December 2010 are available for review at the Memphis Field Office.

Records documenting flow measurements were available and were reviewed.

According to Ms. Thomas, pH strips are used to estimate the pH of the samples upon collection. The pH is recorded on the chains of custody and then transcribed onto the DMRs. Ms. Pynkala informed Ms. Thomas that pH strips are not an acceptable method for obtaining the pH of the samples. An EPA approved digital temperature-compensated pH meter is recommended, and the meter must be calibrated according to the meter specifications (see Part B. "Monitoring Procedures," of the NPDES permit).

At the time of the inspection, semi-annual inspection reports for Outfall 001 were available and were reviewed. According to Ms. Thomas, inspections are not being conducted at Outfall 002 since no discharge occurs at this outfall. This outfall is used only as a back-up in the event that process water is not able to be discharged to the City of Memphis sanitary sewer.

III. Facility Site Review (Unsatisfactory)

Since the flood of May 2011, ACL Transportation Services, LLC, has not generated treated process water. All tanks necessary for the production of process water are under reconstruction at this time.

According to Ms. Thomas, only storm water is being discharged at Outfall 001. As mentioned in Part II of this report, no discharge occurs at Outfall 002. This outfall is used only as a back-up in the event that process water is not able to be discharged to the City of Memphis sanitary sewer.

A file review of the facility's December 2010 through April 2012 DMRs revealed the following:

- The sample at Outfall 001 was not analyzed for pH during the November 2011 sampling period.
- Total Suspended Solids (TSS) exceeded the permit limit during the February 2012 and April 2012 sampling period (see Table 1).

Table 1

2012 Sampling Period				
Sampling Frequency (monthly)	Outfall	Parameter	Permit Limit	Result
February	001	TSS	40.0 mg/L	54.0 mg/L
April	001	TSS	40.0 mg/L	47.0 mg/L

As mentioned in Part II of this report, ACL Transportation Services, LLC, does not have an EPA approved method for obtaining the pH of the samples. Therefore, the pH transcribed on the DMRs is not valid.

IV. Effluent / Receiving Waters (Satisfactory)

According to Ms. Thomas, the discharge at Outfall 001 undergoes treatment through an oil/water separator prior to discharge. At the time of the inspection, no discharge was observed at Outfall 001 (see photos 1-2). The sign designating the outfall was in place as required by the NPDES permit (see photo 3).



Photo 1: View of Outfall 001.



Photo 2: Closer view of Outfall 001.



Photo 3: View of the sign for Outfall 001.

V. Flow Measurement (Satisfactory)

According to Ms. Thomas, flow measurement at Outfall 001 is calculated by the amount of rainfall (rainfall total minus 25% assumed absorption into the ground) times the surface area, which is converted to million gallons per day (MGD) as required by the NPDES permit. The rainfall total during a rain event is obtained from the official rainfall measurement made at the Memphis International Airport.

VI. Self-Monitoring Program (Unsatisfactory)

The facility currently has an unreliable self-monitoring program (see Part II and III of this report for further details).

VII. Compliance Schedule (Not Applicable)

VIII. Laboratory (Satisfactory)

Sample collection of the effluent at Outfall 001 is conducted by ACL Transportation Services, LLC, personnel. Analysis of the samples has been contracted to Environmental Testing & Consulting (ETC) located at 2790 Whitten Road in Memphis, Tennessee. The samples are directly collected in the bottles provided by the laboratory, packed in a cooler of ice, and delivered to the laboratory for analysis.

A review of the chains of custody revealed that the temperature of the samples upon receipt at ETC is being recorded. The temperature of the samples is always recorded as being less than 6 degrees Celsius, as required by the permit.

IX. Operation & Maintenance (Not Applicable)

X. Sludge Handling / Disposal (Not Applicable)

XI. Pretreatment Program (Not Applicable)

XII. Pollution Prevention (Satisfactory)

A Storm Water Pollution Prevention Plan (SWPPP) updated in August 2011 was available and was reviewed.

XIII. Storm Water (Satisfactory)

At this time, only storm water is being discharged at Outfall 001. As mentioned in Part IV of this report, the discharge at Outfall 001 undergoes treatment through an oil/water separator prior to discharge. There was no discharge from Outfall 001 at the time of the inspection (see photos 1-2).

XIV. Combined Sewer Overflow (Not Applicable)

XV. Sanitary Sewer Overflow (Not Applicable)

XVI. MS4 (Not Applicable)