

EDWARD F. POOLOS
DIRECTOR

JEFFERY W. KITCHENS
DEPUTY DIRECTOR



KAY IVEY
GOVERNOR

Alabama Department of Environmental Management
adem.alabama.gov

1400 Coliseum Blvd. 36110-2400 ■ Post Office Box 301463
Montgomery, Alabama 36130-1463
(334) 271-7700 ■ FAX (334) 271-7950

JUL 09 2026

MR. JIMMY BLANKENSHIP
VICE PRESIDENT
FRIT CAR, INC.
PO BOX 1340
BREWTON, AL 364271340

RE: DRAFT PERMIT
NPDES PERMIT NUMBER AL0040487

Dear Mr. Blankenship:

Transmitted herein is a draft of the referenced permit.

We would appreciate your comments on the permit within **30 days** of the date of this letter. Please direct any comments of a technical or administrative nature to the undersigned.

By copy of this letter and the draft permit, we are also requesting comments within the same time frame from EPA.

Our records indicate that you have utilized the Department's web-based electronic environmental (E2) reporting system for submittal of discharge monitoring reports (DMRs). The Department transitioned from the E2 Reporting System to the Alabama Environmental Permitting and Compliance System (AEPACS) for the submittal of DMRs on November 15, 2021. AEPACS is an electronic system that allows facilities to apply for and maintain permits as well as submit other required applications, registrations, and certifications. In addition, the system allows facilities to submit required compliance reports or other information to the Department. The Department has used the E2 User account information to set up a similar User Profile in AEPACS based on the following criteria:

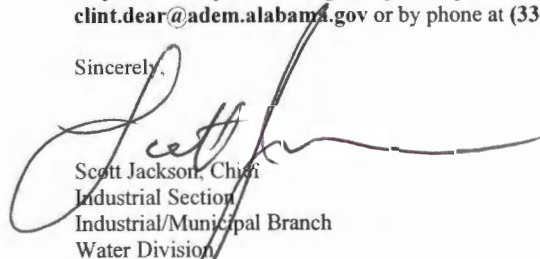
1. The user has logged in to E2 since October 1, 2019; and
2. The E2 user account is set up using a unique email address.

E2 users that met the above criteria will only need to establish an ADEM Web Portal account (<https://prd.adem.alabama.gov/awp>) under the same email address as their E2 account to have the same permissions in AEPACS as they did in E2. They will also automatically be linked to the same facilities they were in E2.

The Alabama Department of Environmental Management encourages you to voluntarily consider pollution prevention practices and alternatives at your facility. Pollution Prevention may assist you in complying with effluent limitations, and possibly reduce or eliminate monitoring requirements.

If you have questions regarding this permit or monitoring requirements, please contact Clint Dear by e-mail at clint.dear@adem.alabama.gov or by phone at (334) 271-7851.

Sincerely,



Scott Jackson, Chief
Industrial Section
Industrial/Municipal Branch
Water Division

Enclosure: Draft Permit

pc via website:

Montgomery Field Office
EPA Region IV
U.S. Fish & Wildlife Service
AL Historical Commission
Advisory Council on Historic Preservation
Department of Conservation and Natural Resources



Birmingham Office
110 Vulcan Road
Birmingham, AL 35209-4702
(205) 942-6168
(205) 941-1603 (FAX)

Decatur Office
2715 Sandlin Road, S.W.
Decatur, AL 35603-1333
(256) 353-1713
(256) 340-9359 (FAX)

Coastal Office
1615 South Broad Street
Mobile, AL 36605
(251) 450-3400
(251) 479-2593 (FAX)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PERMITTEE: FRIT CAR, INC.

FACILITY LOCATION: FRIT CAR, INC.
1965 SOUTH BLVD
BREWTON, ALABAMA 364267157
ESCAMBIA COUNTY

PERMIT NUMBER: AL0040487

RECEIVING WATERS: 001 - COBB BRANCH
002 - COBB BRANCH
003 - COBB BRANCH
004 - COBB BRANCH

In accordance with and subject to the provisions of the Federal Water Pollution Control Act, as amended, 33 U.S.C. §§1251-1388 (the "FWPCA"), the Alabama Water Pollution Control Act, as amended, Code of Alabama 1975, §§ 22-22-1 to 22-22-14 (the "AWPCA"), the Alabama Environmental Management Act, as amended, Code of Alabama 1975, §§22-22A-1 to 22-22A-17, and rules and regulations adopted thereunder, and subject further to the terms and conditions set forth in this permit, the Permittee is hereby authorized to discharge into the above-named receiving waters.

ISSUANCE DATE:

EFFECTIVE DATE:

EXPIRATION DATE:

DRAFT

Alabama Department of Environmental Management
Water Division Chief

Table of Contents

PART I: DISCHARGE LIMITATIONS, CONDITIONS, AND REQUIREMENTS	1
A. Discharge Limitations and Monitoring Requirements	1
B. Discharge Monitoring and Record Keeping Requirements	12
1. Representative Sampling	12
2. Test Procedures	12
3. Recording of Results	12
4. Records Retention and Production	12
5. Monitoring Equipment and Instrumentation	13
C. Discharge Reporting Requirements	13
1. Reporting of Monitoring Requirements	13
2. Noncompliance Notification	15
D. Other Reporting and Notification Requirements	16
1. Anticipated Noncompliance	16
2. Termination of Discharge	16
3. Updating Information	16
4. Duty to Provide Information	16
5. Cooling Water and Boiler Water Additives	16
6. Permit Issued Based on Estimated Characteristics	17
E. Schedule of Compliance	17
PART II: OTHER REQUIREMENTS, RESPONSIBILITIES, AND DUTIES	18
A. Operational and Management Requirements	18
1. Facilities Operation and Maintenance	18
2. Best Management Practices	18
3. Spill Prevention, Control, and Management	18
B. Other Responsibilities	18
1. Duty to Mitigate Adverse Impacts	18
2. Right of Entry and Inspection	18
C. Bypass and Upset	18
1. Bypass	18
2. Upset	19
D. Duty to Comply with Permit, Rules, and Statutes	19
1. Duty to Comply	19
2. Removed Substances	20
3. Loss or Failure of Treatment Facilities	20
4. Compliance with Statutes and Rules	20
E. Permit Transfer, Modification, Suspension, Revocation, and Reissuance	20
1. Duty to Reapply or Notify of Intent to Cease Discharge	20
2. Change in Discharge	20
3. Transfer of Permit	21
4. Permit Modification and Revocation	21
5. Permit Termination	22
6. Permit Suspension	22
7. Request for Permit Action Does Not Stay Any Permit Requirement	22
F. Compliance with Toxic Pollutant Standard or Prohibition	22
G. Discharge of Wastewater Generated by Others	22
PART III: OTHER PERMIT CONDITIONS	23
A. Civil and Criminal Liability	23
1. Tampering	23
2. False Statements	23
3. Permit Enforcement	23
4. Relief from Liability	23
B. Oil and Hazardous Substance Liability	23
C. Property and Other Rights	23

Table of Contents (continued)

D. Availability of Reports	24
E. Expiration of Permits for New or Increased Discharges	24
F. Compliance with Water Quality Standards	24
G. Groundwater.....	24
H. Definitions.....	24
I. Severability.....	27
PART IV: ADDITIONAL REQUIREMENTS, CONDITIONS, AND LIMITATIONS.....	28
A. Best Management Practices (BMP) Plan Requirements.....	28
B. Stormwater Flow Measurement and Sampling Requirements	29
C. Industrial Land Application Requirements.....	30
D. Groundwater Monitoring Requirements.....	30
E. Soil Sampling Requirements	31

PART I: DISCHARGE LIMITATIONS, CONDITIONS, AND REQUIREMENTS**A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS****DSN001S: Storm water from vehicle and equipment parking and maintenance areas. 3/4/**

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency ²	Sample Type ¹	Seasonal
pH (00400) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Semi-Annually	Grab	All Months
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Phosphorus, Total (As P) (00665) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Lead, Total Recoverable (01114) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Toluene (34010) Effluent Gross Value	*****	*****	*****	*****	*****	8723 Maximum Daily	ug/l	Semi-Annually	Grab	All Months
Benzene (34030) Effluent Gross Value	*****	*****	*****	*****	*****	15.5 Maximum Daily	ug/l	Semi-Annually	Grab	All Months
Ethylbenzene (34371) Effluent Gross Value	*****	*****	*****	*****	*****	1244 Maximum Daily	ug/l	Semi-Annually	Grab	All Months
Naphthalene (34696) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Semi-Annually	Grab	All Months

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

- 1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.
- 2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.
- 3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.
- 4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

DSN001S (Continued): Storm water from vehicle and equipment parking and maintenance areas. 3/4/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency ²	Sample Type ¹	Seasonal
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Semi-Annually	Estimate	All Months
Xylene (81551) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Semi-Annually	Grab	All Months

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

- 1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.
- 2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.
- 3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.
- 4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

DSN002S: Storm water from vehicle and equipment parking and maintenance areas. 3/4/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency ²	Sample Type ¹	Seasonal
pH (00400) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Semi-Annually	Grab	All Months
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Phosphorus, Total (As P) (00665) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Lead, Total Recoverable (01114) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Toluene (34010) Effluent Gross Value	*****	*****	*****	*****	*****	8723 Maximum Daily	ug/l	Semi-Annually	Grab	All Months
Benzene (34030) Effluent Gross Value	*****	*****	*****	*****	*****	15.5 Maximum Daily	ug/l	Semi-Annually	Grab	All Months
Ethylbenzene (34371) Effluent Gross Value	*****	*****	*****	*****	*****	1244 Maximum Daily	ug/l	Semi-Annually	Grab	All Months
Naphthalene (34696) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Semi-Annually	Grab	All Months

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

- 1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.
- 2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.
- 3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.
- 4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

DSN002S (Continued): Storm water from vehicle and equipment parking and maintenance areas. 3/4/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency ²	Sample Type ¹	Seasonal
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Semi-Annually	Estimate	All Months
Xylene (81551) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Semi-Annually	Grab	All Months

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

- 1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.
- 2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.
- 3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.
- 4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

DSN003S: Storm water from vehicle and equipment parking and maintenance areas. 3/4/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency ²	Sample Type ¹	Seasonal
pH (00400) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Semi-Annually	Grab	All Months
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Phosphorus, Total (As P) (00665) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Lead, Total Recoverable (01114) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Toluene (34010) Effluent Gross Value	*****	*****	*****	*****	*****	8723 Maximum Daily	ug/l	Semi-Annually	Grab	All Months
Benzene (34030) Effluent Gross Value	*****	*****	*****	*****	*****	15.5 Maximum Daily	ug/l	Semi-Annually	Grab	All Months
Ethylbenzene (34371) Effluent Gross Value	*****	*****	*****	*****	*****	1244 Maximum Daily	ug/l	Semi-Annually	Grab	All Months
Naphthalene (34696) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Semi-Annually	Grab	All Months

**THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE
OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.**

- 1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.
- 2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.
- 3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.
- 4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

DSN003S (Continued): Storm water from vehicle and equipment parking and maintenance areas. 3/4/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency ²	Sample Type ¹	Seasonal
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Semi-Annually	Estimate	All Months
Xylene (81551) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Semi-Annually	Grab	All Months

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

- 1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.
- 2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.
- 3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.
- 4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

DSN004S: Storm water from vehicle and equipment parking and maintenance areas. 3/4/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency ²	Sample Type ¹	Seasonal
pH (00400) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Semi-Annually	Grab	All Months
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Phosphorus, Total (As P) (00665) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Lead, Total Recoverable (01114) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Toluene (34010) Effluent Gross Value	*****	*****	*****	*****	*****	8723 Maximum Daily	ug/l	Semi-Annually	Grab	All Months
Benzene (34030) Effluent Gross Value	*****	*****	*****	*****	*****	15.5 Maximum Daily	ug/l	Semi-Annually	Grab	All Months
Ethylbenzene (34371) Effluent Gross Value	*****	*****	*****	*****	*****	1244 Maximum Daily	ug/l	Semi-Annually	Grab	All Months
Naphthalene (34696) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Semi-Annually	Grab	All Months

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

- 1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.
- 2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.
- 3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.
- 4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

DSN004S (Continued): Storm water from vehicle and equipment parking and maintenance areas. 3/4/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency ²	Sample Type ¹	Seasonal
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Semi-Annually	Estimate	All Months
Xylene (81551) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Semi-Annually	Grab	All Months

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

- 1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.
- 2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.
- 3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.
- 4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

DSN01A1: Wastewater to be land applied. 3/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency ²	Sample Type ¹	Seasonal
Conductivity (00094) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	umhos/cm	Once/Discharge	Grab	All Months
pH (00400) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Once/Discharge	Grab	All Months
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Discharge	Grab	All Months
Nitrogen, Ammonia Total (As N) (00610) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Discharge	Grab	All Months
Nitrite Plus Nitrate Total 1 Det. (As N) (00630) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Discharge	Grab	All Months
Chloride (As Cl) (00940) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Discharge	Grab	All Months
Chromium, Total (As Cr) (01034) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Discharge	Grab	All Months
Copper, Total (As Cu) (01042) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Discharge	Grab	All Months
Lead, Total (As Pb) (01051) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Discharge	Grab	All Months

**THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE
OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.**

- 1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.
- 2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.
- 3/ See Part IV.C for Land Application Requirements.
- 4/ In lieu of monitoring for all DSN01A1 parameters, an Annual Certification Statement may be submitted to the Department by January 28th. To submit a certification statement, the annual certification statement parameter code for DSN01AY shall be marked "0" which demonstrates that the spray irrigation field was not used in that calendar year. In addition, monitoring results for DSN01A1 shall be marked "No Discharge" or "*9" on the DSN01A1 discharge monitoring report.

DSN01A1 (Continued): Wastewater to be land applied. 3/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency ²	Sample Type ¹	Seasonal
Nickel, Total (As Ni) (01067) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Discharge	Grab	All Months
Benzene, Ethylbenzenetoulene, Xylene Comb (30383) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Once/Discharge	Grab	All Months
Solids, Total Dissolved (70295) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Discharge	Grab	All Months
Depth to Water Level Ft Below Land Surface (72019) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	feet	Once/Discharge	Grab	All Months
Spray Irrigation Application Rate (82216) Effluent Gross Value	*****	(Report) Maximum Daily	inches/day	*****	*****	*****	*****	Once/Discharge	Measurement/ Calculation	All Months
Water Level Relative to Mean Sea Level (82545) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	feet	Once/Discharge	Grab	All Months

**THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE
OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.**

- 1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.
- 2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.
- 3/ See Part IV.C for Land Application Requirements.
- 4/ In lieu of monitoring for all DSN01A1 parameters, an Annual Certification Statement may be submitted to the Department by January 28th. To submit a certification statement, the annual certification statement parameter code for DSN01AY shall be marked "0" which demonstrates that the spray irrigation field was not used in that calendar year. In addition, monitoring results for DSN01A1 shall be marked "No Discharge" or "9" on the DSN01A1 discharge monitoring report.

DSN01AY: Wastewater to be land applied. 3/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency ²	Sample Type ¹	Seasonal
Annual Certification Statement (51930) Effluent Gross Value	*****	*****	*****	*****	*****	0 Maximum Daily	Yes=0;No =1	Annually	Not Applicable	All Months

**THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE
OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.**

- 1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.
- 2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.
- 3/ See Part IV.C for Land Application Requirements.
- 4/ In lieu of monitoring for all DSN01A1 parameters, an Annual Certification Statement may be submitted to the Department by January 28th. To submit a certification statement, the annual certification statement parameter code above shall be marked "0" which demonstrates that the spray irrigation field was not used in that calendar year. In addition, monitoring results for DSN01A1 shall be marked "No Discharge" or "*9" on the DSN01A1 discharge monitoring report.

B. DISCHARGE MONITORING AND RECORD KEEPING REQUIREMENTS

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge and shall be in accordance with the provisions of this permit.

2. Test Procedures

For the purpose of reporting and compliance, permittees shall use one of the following procedures:

- a. For parameters with an EPA established Minimum Level (ML), report the measured value if the analytical result is at or above the ML and report "0" for values below the ML. Test procedures for the analysis of pollutants shall conform to 40 CFR Part 136 and guidelines published pursuant to Section 304(h) of the FWPCA, 33 U.S.C. Section 1314(h). If more than one method for analysis of a substance is approved for use, a method having a minimum level lower than the permit limit shall be used. If the minimum level of all methods is higher than the permit limit, the method having the lowest minimum level shall be used and a report of less than the minimum level shall be reported as zero and will constitute compliance; however, should EPA approve a method with a lower minimum level during the term of this permit the permittee shall use the newly approved method.
- b. For pollutants parameters without an established ML, an interim ML may be utilized. The interim ML shall be calculated as 3.18 times the Method Detection Level (MDL) calculated pursuant to 40 CFR Part 136, Appendix B.

Permittees may develop an effluent matrix-specific ML, where an effluent matrix prevents attainment of the established ML. However, a matrix specific ML shall be based upon proper laboratory method and technique. Matrix-specific MLs must be approved by the Department, and may be developed by the permittee during permit issuance, reissuance, modification, or during compliance schedule.

In either case the measured value should be reported if the analytical result is at or above the ML and "0" reported for values below the ML.

- c. For parameters without an EPA established ML, interim ML, or matrix-specific ML, a report of less than the detection limit shall constitute compliance if the detection limit of all analytical methods is higher than the permit limit using the most sensitive EPA approved method. For the purpose of calculating a monthly average, "0" shall be used for values reported less than the detection limit.

The Minimum Level utilized for procedures A and B above shall be reported on the permittee's DMR. When an EPA approved test procedure for analysis of a pollutant does not exist, the Director shall approve the procedure to be used.

3. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The facility name and location, point source number, date, time and exact place of sampling;
- b. The name(s) of person(s) who obtained the samples or measurements;
- c. The dates and times the analyses were performed;
- d. The name(s) of the person(s) who performed the analyses;
- e. The analytical techniques or methods used, including source of method and method number; and
- f. The results of all required analyses.

4. Records Retention and Production

The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by the permit, and records of all data used to complete the above reports or the application for this permit, for a period of at least three years from the date of the sample measurement, report or application. This period may be extended by request of the Director at any time. If litigation or other enforcement action, under the AWPCA and/or the FWPCA, is ongoing which involves any of the above records, the records shall be kept until the litigation is resolved. Upon the written request of the Director or his designee, the

permittee shall provide the Director with a copy of any record required to be retained by this paragraph. Copies of these records shall not be submitted unless requested.

All records required to be kept for a period of three years shall be kept at the permitted facility or an alternate location approved by the Department in writing and shall be available for inspection.

5. Monitoring Equipment and Instrumentation

All equipment and instrumentation used to determine compliance with the requirements of this permit shall be installed, maintained, and calibrated in accordance with the manufacturer's instructions or, in the absence of manufacturer's instructions, in accordance with accepted practices. The permittee shall develop and maintain quality assurance procedures to ensure proper operation and maintenance of all equipment and instrumentation. The quality assurance procedures shall include the proper use, maintenance, and installation, when appropriate, of monitoring equipment at the plant site.

C. DISCHARGE REPORTING REQUIREMENTS

1. Reporting of Monitoring Requirements

- a. The permittee shall conduct the required monitoring in accordance with the following schedule:

MONITORING REQUIRED MORE FREQUENTLY THAN MONTHLY AND MONTHLY shall be conducted during the first full month following the effective date of coverage under this permit and every month thereafter.

QUARTERLY MONITORING shall be conducted at least once during each calendar quarter. Calendar quarters are the periods of January through March, April through June, July through September, and October through December. The permittee shall conduct the quarterly monitoring during the first complete calendar quarter following the effective date of this permit and is then required to monitor once during each quarter thereafter. Quarterly monitoring may be done anytime during the quarter, unless restricted elsewhere in this permit, but it should be submitted with the last DMR due for the quarter, i.e., (March, June, September and December DMR's).

SEMIANNUAL MONITORING shall be conducted at least once during the period of January through June and at least once during the period of July through December. The permittee shall conduct the semiannual monitoring during the first complete calendar semiannual period following the effective date of this permit and is then required to monitor once during each semiannual period thereafter. Semiannual monitoring may be done anytime during the semiannual period, unless restricted elsewhere in this permit, but it should be submitted with the last DMR for the month of the semiannual period, i.e. (June and December DMR's).

ANNUAL MONITORING shall be conducted at least once during the period of January through December. The permittee shall conduct the annual monitoring during the first complete calendar annual period following the effective date of this permit and is then required to monitor once during each annual period thereafter. Annual monitoring may be done anytime during the year, unless restricted elsewhere in this permit, but it should be submitted with the December DMR.

- b. The permittee shall submit discharge monitoring reports (DMRs) on the forms provided by the Department and in accordance with the following schedule:

REPORTS OF MORE FREQUENTLY THAN MONTHLY AND MONTHLY TESTING shall be submitted on a **monthly** basis. The first report is due on the **28th day of (MONTH, YEAR)**. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.

REPORTS OF QUARTERLY TESTING shall be submitted on a **quarterly** basis. The first report is due on the **28th day of [Month, Year]**. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.

REPORTS OF SEMIANNUAL TESTING shall be submitted on a semiannual basis. The reports are due on the 28th day of JANUARY and the 28th day of JULY. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.

REPORTS OF ANNUAL TESTING shall be submitted on an annual basis. The first report is due on the 28th day of JANUARY. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.

- c. Except as allowed by Provision I.C.1.c.(1) or (2), the permittee shall submit all Discharge Monitoring Reports (DMRs) required by Provision I.C.1.b electronically.

- (1) If the permittee is unable to complete the electronic submittal of DMR data due to technical problems originating with the Department's electronic system (this could include entry/submittal issues with an entire set of DMRs or individual parameters), the permittee is not relieved of their obligation to submit DMR data to the Department by the date specified in Provision I.C.1.b, unless otherwise directed by the Department.

If the Department's electronic system is down on the 28th day of the month in which the DMR is due or is down for an extended period of time, as determined by the Department, when a DMR is required to be submitted, the permittee may submit the data in an alternate manner and format acceptable to the Department. Preapproved alternate acceptable methods include faxing, e-mailing, mailing, or hand-delivery of data such that they are received by the required reporting date. Within 5 calendar days of the Department's electronic system resuming operation, the permittee shall enter the data into the Department's electronic system, unless an alternate timeframe is approved by the Department. A comment should be included on the electronic DMR submittal verifying the original submittal date (date of the fax, copy of the dated e-mail, or hand-delivery stamped date), if applicable.

- (2) The permittee may submit a request to the Department for a temporary electronic reporting waiver for DMR submittals. The waiver request should include the permit number; permittee name; facility/site name; facility address; name, address, and contact information for the responsible official or duly authorized representative; a detailed statement regarding the basis for requesting such a waiver; and the duration for which the waiver is requested. Approved electronic reporting waivers are not transferrable.

Permittees with an approved electronic reporting waiver for DMRs may submit hard copy DMRs for the period that the approved electronic reporting waiver request is effective. The permittee shall submit the Department-approved DMR forms to the address listed in Provision I.C.1.e.

- (3) If a permittee is allowed to submit a hard copy DMR, the DMR must be legible and bear an original signature. Photo and electronic copies of the signature are not acceptable and shall not satisfy the reporting requirements of this permit.
 - (4) If the permittee, using approved analytical methods as specified in Provision I.B.2, monitors any discharge from a point source for a limited substance identified in Provision I.A. of this permit more frequently than required by this permit, the results of such monitoring shall be included in the calculation and reporting of values on the DMR and the increased frequency shall be indicated on the DMR.
 - (5) In the event no discharge from a point source identified in Provision I.A. of this permit and described more fully in the permittee's application occurs during a monitoring period, the permittee shall report "No Discharge" for such period on the appropriate DMR.
- d. All reports and forms required to be submitted by this permit, the AWPCA and the Department's Rules, shall be electronically signed (or, if allowed by the Department, traditionally signed) by a "responsible official" of the permittee as defined in ADEM Administrative Code Rule 335-6-6-.09 or a "duly authorized representative" of such official as defined in ADEM Administrative Code Rule 335-6-6-.09 and shall bear the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

- e. Discharge Monitoring Reports required by this permit, the AWPCA, and the Department's Rules that are being submitted in hard copy shall be addressed to:

**Alabama Department of Environmental Management
Water Division
Office of Water Services
Post Office Box 301463
Montgomery, Alabama 36130-1463**

Certified and Registered Mail containing Discharge Monitoring Reports shall be addressed to:

**Alabama Department of Environmental Management
Water Division
Office of Water Services
1400 Coliseum Boulevard
Montgomery, Alabama 36110-2400**

- f. All other correspondence and reports required to be submitted by this permit, the AWPCA, and the Department's Rules shall be addressed to:

**Alabama Department of Environmental Management
Water Division
Post Office Box 301463
Montgomery, Alabama 36130-1463**

Certified and Registered Mail shall be addressed to:

**Alabama Department of Environmental Management
Water Division
1400 Coliseum Boulevard
Montgomery, Alabama 36110-2400**

- g. If this permit is a re-issuance, then the permittee shall continue to submit DMRs in accordance with the requirements of their previous permit until such time as DMRs are due as discussed in Part I.C.1.b above.

2. Noncompliance Notification

a. 24-Hour Noncompliance Reporting

The permittee shall report to the Director, within 24-hours of becoming aware of the noncompliance, any noncompliance which may endanger health or the environment. This shall include but is not limited to the following circumstances:

- (1) does not comply with any daily minimum or maximum discharge limitation for an effluent characteristic specified in Provision I. A. of this permit which is denoted by an "(X)";
- (2) threatens human health or welfare, fish or aquatic life, or water quality standards;
- (3) does not comply with an applicable toxic pollutant effluent standard or prohibition established under Section 307(a) of the FWPCA, 33 U.S.C. Section 1317(a);
- (4) contains a quantity of a hazardous substance which has been determined may be harmful to public health or welfare under Section 311(b)(4) of the FWPCA, 33 U.S.C. Section 1321(b)(4);
- (5) exceeds any discharge limitation for an effluent characteristic as a result of an unanticipated bypass or upset; and
- (6) is an unpermitted direct or indirect discharge of a pollutant to a water of the state (unpermitted discharges properly reported to the Department under any other requirement are not required to be reported under this provision).

The permittee shall orally report the occurrence and circumstances of such discharge to the Director within 24-hours after the permittee becomes aware of the occurrence of such discharge. In addition to the oral report, the permittee shall submit to the Director or Designee a written report as provided in Part I.C.2.c no later than five (5) days after becoming aware of the occurrence of such discharge.

- b. If for any reason, the permittee's discharge does not comply with any limitation of this permit, the permittee shall submit to the Director or Designee a written report as provided in Part I.C.2.c below, such report shall be submitted with the next Discharge Monitoring Report required to be submitted by Part I.C.1 of this permit after becoming aware of the occurrence of such noncompliance.
- c. Any written report required to be submitted to the Director or Designee by Part I.C.2 a. or b. shall be submitted using a Noncompliance Notification Form (ADEM Form 421) available on the Department's website (<http://adem.alabama.gov/DeptForms/Form421.pdf>) and include the following information:
- (1) A description of the discharge and cause of noncompliance;

- (2) The period of noncompliance, including exact dates and times or, if not corrected, the anticipated time the noncompliance is expected to continue; and
- (3) A description of the steps taken and/or being taken to reduce or eliminate the noncomplying discharge and to prevent its recurrence.

D. OTHER REPORTING AND NOTIFICATION REQUIREMENTS

1. Anticipated Noncompliance

The permittee shall give the Director written advance notice of any planned changes or other circumstances regarding a facility which may result in noncompliance with permit requirements.

2. Termination of Discharge

The permittee shall notify the Director, in writing, when all discharges from any point source(s) identified in Provision I. A. of this permit have permanently ceased. This notification shall serve as sufficient cause for instituting procedures for modification or termination of the permit.

3. Updating Information

- a. The permittee shall inform the Director of any change in the permittee's mailing address, telephone number or in the permittee's designation of a facility contact or office having the authority and responsibility to prevent and abate violations of the AWPCA, the Department's Rules, and the terms and conditions of this permit, in writing, no later than ten (10) days after such change. Upon request of the Director or his designee, the permittee shall furnish the Director with an update of any information provided in the permit application.
- b. If the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information with a written explanation for the mistake and/or omission.

4. Duty to Provide Information

The permittee shall furnish to the Director, within a reasonable time, any information which the Director or his designee may request to determine whether cause exists for modifying, revoking and re-issuing, suspending, or terminating this permit, in whole or in part, or to determine compliance with this permit.

5. Cooling Water and Boiler Water Additives

- a. The permittee shall notify the Director in writing not later than thirty (30) days prior to instituting the use of any biocide corrosion inhibitor or chemical additive in a cooling or boiler system, not identified in the application for this permit, from which discharge is allowed by this permit. Notification is not required for additives that do not contain a heavy metal(s) as an active ingredient and that pass through a wastewater treatment system prior to discharge nor is notification required for additives that should not reasonably be expected to cause the cooling water or boiler water to exhibit toxicity as determined by analysis of manufacturer's data or testing by the permittee. Such notification shall include:
 - (1) name and general composition of biocide or chemical;
 - (2) 96-hour median tolerance limit data for organisms representative of the biota of the waterway into which the discharge will ultimately reach;
 - (3) quantities to be used;
 - (4) frequencies of use;
 - (5) proposed discharge concentrations; and
 - (6) EPA registration number, if applicable.
- b. The use of a biocide or additive containing tributyl tin, tributyl tin oxide, zinc, chromium or related compounds in cooling or boiler system(s), from which a discharge regulated by this permit occurs, is prohibited except as exempted below. The use of a biocide or additive containing zinc, chromium or related compounds may be used in special circumstances if (1) the permit contains limits for these substances, or (2) the applicant demonstrates during the application process that the use of zinc, chromium or related compounds as a biocide or additive will not pose a reasonable potential to violate the applicable State water quality standards for these substances. The use of any additive, not identified in this permit or in the

application for this permit or not exempted from notification under this permit is prohibited, prior to a determination by the Department that permit modification to control discharge of the additive is not required or prior to issuance of a permit modification controlling discharge of the additive.

6. Permit Issued Based on Estimated Characteristics

- a. If this permit was issued based on estimates of the characteristics of a process discharge reported on an EPA NPDES Application Form 2D (EPA Form 3510-2D), the permittee shall complete and submit an EPA NPDES Application Form 2C (EPA Form 3510-2C) no later than two years after the date that discharge begins. Sampling required for completion of the Form 2C shall occur when a discharge(s) from the process(s) causing the new or increased discharge is occurring. If this permit was issued based on estimates concerning the composition of a stormwater discharge(s), the permittee shall perform the sampling required by EPA NPDES Application Form 2F (EPA Form 3510-2F) no later than one year after the industrial activity generating the stormwater discharge has been fully initiated.
- b. This permit shall be reopened if required to address any new information resulting from the completion and submittal of the Form 2C and or 2F.

E. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the discharge limitations specified in Provision I. A. in accordance with the following schedule:

COMPLIANCE SHALL BE ATTAINED ON THE EFFECTIVE DATE OF THIS PERMIT

2. No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

PART II: OTHER REQUIREMENTS, RESPONSIBILITIES, AND DUTIES**A. OPERATIONAL AND MANAGEMENT REQUIREMENTS****1. Facilities Operation and Maintenance**

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities only when necessary to achieve compliance with the conditions of the permit.

2. Best Management Practices

- a. Dilution water shall not be added to achieve compliance with discharge limitations except when the Director or his designee has granted prior written authorization for dilution to meet water quality requirements.
- b. The permittee shall prepare, implement, and maintain a Spill Prevention, Control and Countermeasures (SPCC) Plan in accordance with 40 C.F.R. Section 112 if required thereby.
- c. The permittee shall prepare, submit for approval and implement a Best Management Practices (BMP) Plan for containment of any or all process liquids or solids, in a manner such that these materials do not present a significant potential for discharge, if so required by the Director or his designee. When submitted and approved, the BMP Plan shall become a part of this permit and all requirements of the BMP Plan shall become requirements of this permit.

3. Spill Prevention, Control, and Management

The permittee shall provide spill prevention, control, and/or management sufficient to prevent any spills of pollutants from entering a water of the state or a publicly or privately owned treatment works. Any containment system used to implement this requirement shall be constructed of materials compatible with the substance(s) contained and which shall prevent the contamination of groundwater and such containment system shall be capable of retaining a volume equal to 110 percent of the capacity of the largest tank for which containment is provided.

B. OTHER RESPONSIBILITIES**1. Duty to Mitigate Adverse Impacts**

The permittee shall promptly take all reasonable steps to mitigate and minimize or prevent any adverse impact on human health or the environment resulting from noncompliance with any discharge limitation specified in Provision I. A. of this permit, including such accelerated or additional monitoring of the discharge and/or the receiving waterbody as necessary to determine the nature and impact of the noncomplying discharge.

2. Right of Entry and Inspection

The permittee shall allow the Director, or an authorized representative, upon the presentation of proper credentials and other documents as may be required by law to:

- a. enter upon the permittee's premises where a regulated facility or activity or point source is located or conducted, or where records must be kept under the conditions of the permit;
- b. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- c. inspect any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under the permit; and
- d. sample or monitor, for the purposes of assuring permit compliance or as otherwise authorized by the AWPCA, any substances or parameters at any location.

C. BYPASS AND UPSET**1. Bypass**

- a. Any bypass is prohibited except as provided in b. and c. below:
- b. A bypass is not prohibited if:

- (1) It does not cause any discharge limitation specified in Provision I. A. of this permit to be exceeded;
 - (2) It enters the same receiving stream as the permitted outfall; and
 - (3) It is necessary for essential maintenance of a treatment or control facility or system to assure efficient operation of such facility or system.
- c. A bypass is not prohibited and need not meet the discharge limitations specified in Provision I. A. of this permit if:
- (1) It is unavoidable to prevent loss of life, personal injury, or severe property damage;
 - (2) There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime (this condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance); and
 - (3) The permittee submits a written request for authorization to bypass to the Director at least ten (10) days prior to the anticipated bypass (if possible), the permittee is granted such authorization, and the permittee complies with any conditions imposed by the Director to minimize any adverse impact on human health or the environment resulting from the bypass.
- d. The permittee has the burden of establishing that each of the conditions of Provision II.C.1.b. or c. have been met to qualify for an exception to the general prohibition against bypassing contained in a. and an exemption, where applicable, from the discharge limitations specified in Provision I. A. of this permit.

2. Upset

- a. A discharge which results from an upset need not meet the discharge limitations specified in Provision I. A. of this permit if:
- (1) No later than 24-hours after becoming aware of the occurrence of the upset, the permittee orally reports the occurrence and circumstances of the upset to the Director or his designee; and
 - (2) No later than five (5) days after becoming aware of the occurrence of the upset, the permittee furnishes the Director with evidence, including properly signed, contemporaneous operating logs, or other relevant evidence, demonstrating that (i) an upset occurred; (ii) the permittee can identify the specific cause(s) of the upset; (iii) the permittee's facility was being properly operated at the time of the upset; and (iv) the permittee promptly took all reasonable steps to minimize any adverse impact on human health or the environment resulting from the upset.
- b. The permittee has the burden of establishing that each of the conditions of Provision II. C.2.a. of this permit have been met to qualify for an exemption from the discharge limitations specified in Provision I.A. of this permit.

D. DUTY TO COMPLY WITH PERMIT, RULES, AND STATUTES

1. Duty to Comply

- a. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the AWPCA and the FWPCA and is grounds for enforcement action, for permit termination, revocation and reissuance, suspension, modification; or denial of a permit renewal application.
- b. The necessity to halt or reduce production or other activities in order to maintain compliance with the conditions of the permit shall not be a defense for a permittee in an enforcement action.
- c. The discharge of a pollutant from a source not specifically identified in the permit application for this permit and not specifically included in the description of an outfall in this permit is not authorized and shall constitute noncompliance with this permit.
- d. The permittee shall take all reasonable steps, including cessation of production or other activities, to minimize or prevent any violation of this permit or to minimize or prevent any adverse impact of any permit violation.
- e. Nothing in this permit shall be construed to preclude and negate the permittee's responsibility or liability to apply for, obtain, or comply with other ADEM, Federal, State, or Local Government permits, certifications, licenses, or other approvals.

2. Removed Substances

Solids, sludges, filter backwash, or any other pollutant or other waste removed in the course of treatment or control of wastewaters shall be disposed of in a manner that complies with all applicable Department Rules.

3. Loss or Failure of Treatment Facilities

Upon the loss or failure of any treatment facilities, including but not limited to the loss or failure of the primary source of power of the treatment facility, the permittee shall, where necessary to maintain compliance with the discharge limitations specified in Provision I. A. of this permit, or any other terms or conditions of this permit, cease, reduce, or otherwise control production and/or all discharges until treatment is restored. If control of discharge during loss or failure of the primary source of power is to be accomplished by means of alternate power sources, standby generators, or retention of inadequately treated effluent, the permittee must furnish to the Director within six months a certification that such control mechanisms have been installed.

4. Compliance with Statutes and Rules

- a. This permit has been issued under ADEM Administrative Code, Chapter 335-6-6. All provisions of this chapter, that are applicable to this permit, are hereby made a part of this permit. A copy of this chapter may be obtained for a small charge from the Office of General Counsel, Alabama Department of Environmental Management, 1400 Coliseum Blvd., Montgomery, AL 36130.
- b. This permit does not authorize the noncompliance with or violation of any Laws of the State of Alabama or the United States of America or any regulations or rules implementing such laws. FWPCA, 33 U.S.C. Section 1319, and Code of Alabama 1975, Section 22-22-14.

E. PERMIT TRANSFER, MODIFICATION, SUSPENSION, REVOCATION, AND REISSUANCE**1. Duty to Reapply or Notify of Intent to Cease Discharge**

- a. If the permittee intends to continue to discharge beyond the expiration date of this permit, the permittee shall file a complete permit application for reissuance of this permit at least 180 days prior to its expiration. If the permittee does not intend to continue discharge beyond the expiration of this permit, the permittee shall submit written notification of this intent which shall be signed by an individual meeting the signatory requirements for a permit application as set forth in ADEM Administrative Code Rule 335-6-6-.09.
- b. Failure of the permittee to apply for reissuance at least 180 days prior to permit expiration will void the automatic continuation of the expiring permit provided by ADEM Administrative Code Rule 335-6-6-.06 and should the permit not be reissued for any reason any discharge after expiration of this permit will be an unpermitted discharge.

2. Change in Discharge

- a. The permittee shall apply for a permit modification at least 180 days in advance of any facility expansion, production increase, process change, or other action that could result in the discharge of additional pollutants or increase the quantity of a discharged pollutant such that existing permit limitations would be exceeded or that could result in an additional discharge point. This requirement applies to pollutants that are or that are not subject to discharge limitations in this permit. No new or increased discharge may begin until the Director has authorized it by issuance of a permit modification or a reissued permit.
- b. The permittee shall notify the Director as soon as it is known or there is reason to believe:
 - (1) That any activity has occurred or will occur which would result in the discharge on a routine or frequent basis, of any toxic pollutant which is not limited in this permit, if that discharge will exceed the highest of the following notification levels:
 - (i) one hundred micrograms per liter;
 - (ii) two hundred micrograms per liter for acrolein and acrylonitrile; five hundred micrograms per liter for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter for antimony;
 - (iii) five times the maximum concentration value reported for that pollutant in the permit application; or
 - (2) That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:

- (i) five hundred micrograms per liter;
- (ii) one milligram per liter for antimony;
- (iii) ten times the maximum concentration value reported for that pollutant in the permit application.

3. Transfer of Permit

This permit may not be transferred or the name of the permittee changed without notice to the Director and subsequent modification or revocation and reissuance of the permit to identify the new permittee and to incorporate any other changes as may be required under the FWPCA or AWPCA. In the case of a change in name, ownership or control of the permittee's premises only, a request for permit modification in a format acceptable to the Director is required at least 30 days prior to the change. In the case of a change in name, ownership or control of the permittee's premises accompanied by a change or proposed change in effluent characteristics, a complete permit application is required to be submitted to the Director at least 180 days prior to the change. Whenever the Director is notified of a change in name, ownership or control, he may decide not to modify the existing permit and require the submission of a new permit application.

4. Permit Modification and Revocation

- a. This permit may be modified or revoked and reissued, in whole or in part, during its term for cause, including but not limited to, the following:
 - (1) If cause for termination under Provision II. E. 5. of this permit exists, the Director may choose to revoke and reissue this permit instead of terminating the permit;
 - (2) If a request to transfer this permit has been received, the Director may decide to revoke and reissue or to modify the permit; or
 - (3) If modification or revocation and reissuance is requested by the permittee and cause exists, the Director may grant the request.
- b. This permit may be modified during its term for cause, including but not limited to, the following:
 - (1) If cause for termination under Provision II. E. 5. of this permit exists, the Director may choose to modify this permit instead of terminating this permit;
 - (2) There are material and substantial alterations or additions to the facility or activity generating wastewater which occurred after permit issuance which justify the application of permit conditions that are different or absent in the existing permit;
 - (3) The Director has received new information that was not available at the time of permit issuance and that would have justified the application of different permit conditions at the time of issuance;
 - (4) A new or revised requirement(s) of any applicable standard or limitation is promulgated under Sections 301(b)(2)(C), (D), (E), and (F), and 307(a)(2) of the FWPCA;
 - (5) Errors in calculation of discharge limitations or typographical or clerical errors were made;
 - (6) To the extent allowed by ADEM Administrative Code, Rule 335-6-6-.17, when the standards or regulations on which the permit was based have been changed by promulgation of amended standards or regulations or by judicial decision after the permit was issued;
 - (7) To the extent allowed by ADEM Administrative Code, Rule 335-6-6-.17, permits may be modified to change compliance schedules;
 - (8) To agree with a granted variance under 301(c), 301(g), 301(h), 301(k), or 316(a) of the FWPCA or for fundamentally different factors;
 - (9) To incorporate an applicable 307(a) FWPCA toxic effluent standard or prohibition;
 - (10) When required by the reopener conditions in this permit;
 - (11) When required under 40 CFR 403.8(e) (compliance schedule for development of pretreatment program);

- (12) Upon failure of the state to notify, as required by Section 402(b)(3) of the FWPCA, another state whose waters may be affected by a discharge permitted by this permit;
- (13) When required to correct technical mistakes, such as errors in calculation, or mistaken interpretations of law made in determining permit conditions; or
- (14) When requested by the permittee and the Director determines that the modification has cause and will not result in a violation of federal or state law, regulations or rules.

5. Permit Termination

This permit may be terminated during its term for cause, including but not limited to, the following:

- a. Violation of any term or condition of this permit;
- b. The permittee's misrepresentation or failure to disclose fully all relevant facts in the permit application or during the permit issuance process or the permittee's misrepresentation of any relevant facts at any time;
- c. Materially false or inaccurate statements or information in the permit application or the permit;
- d. A change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge;
- e. The permittee's discharge threatens human life or welfare or the maintenance of water quality standards;
- f. Permanent closure of the facility generating the wastewater permitted to be discharged by this permit or permanent cessation of wastewater discharge;
- g. New or revised requirements of any applicable standard or limitation that is promulgated under Sections 301(b)(2)(C), (D), (E), and (F), and 307(a)(2) of the FWPCA that the Director determines cannot be complied with by the permittee; or
- h. Any other cause allowed by the ADEM Administrative Code, Chapter 335-6-6.

6. Permit Suspension

This permit may be suspended during its term for noncompliance until the permittee has taken action(s) necessary to achieve compliance.

7. Request for Permit Action Does Not Stay Any Permit Requirement

The filing of a request by the permittee for modification, suspension or revocation of this permit, in whole or in part, does not stay any permit term or condition.

F. COMPLIANCE WITH TOXIC POLLUTANT STANDARD OR PROHIBITION

If any applicable effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the FWPCA, 33 U.S.C. Section 1317(a), for a toxic pollutant discharged by the permittee and such standard or prohibition is more stringent than any discharge limitation on the pollutant specified in Provision I. A. of this permit, or controls a pollutant not limited in Provision I. A. of this permit, this permit shall be modified to conform to the toxic pollutant effluent standard or prohibition and the permittee shall be notified of such modification. If this permit has not been modified to conform to the toxic pollutant effluent standard or prohibition before the effective date of such standard or prohibition, the permittee shall attain compliance with the requirements of the standard or prohibition within the time period required by the standard or prohibition and shall continue to comply with the standard or prohibition until this permit is modified or reissued.

G. DISCHARGE OF WASTEWATER GENERATED BY OTHERS

The discharge of wastewater, generated by any process, facility, or by any other means not under the operational control of the permittee or not identified in the application for this permit or not identified specifically in the description of an outfall in this permit is not authorized by this permit.

PART III: OTHER PERMIT CONDITIONS

A. CIVIL AND CRIMINAL LIABILITY

1. Tampering

Any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained or performed under the permit shall, upon conviction, be subject to penalties as provided by the AWPCA.

2. False Statements

Any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be subject to penalties as provided by the AWPCA.

3. Permit Enforcement

a. Any NPDES permit issued or reissued by the Department is a permit for the purpose of the AWPCA and the FWPCA and as such any terms, conditions, or limitations of the permit are enforceable under state and federal law.

b. Any person required to have a NPDES permit pursuant to ADEM Administrative Code Chapter 335-6-6 and who discharges pollutants without said permit, who violates the conditions of said permit, who discharges pollutants in a manner not authorized by the permit, or who violates applicable orders of the Department or any applicable rule or standard of the Department, is subject to any one or combination of the following enforcement actions under applicable state statutes.

(1) An administrative order requiring abatement, compliance, mitigation, cessation, clean-up, and/or penalties;

(2) An action for damages;

(3) An action for injunctive relief; or

(4) An action for penalties.

c. If the permittee is not in compliance with the conditions of an expiring or expired permit the Director may choose to do any or all of the following provided the permittee has made a timely and complete application for reissuance of the permit:

(1) initiate enforcement action based upon the permit which has been continued;

(2) issue a notice of intent to deny the permit reissuance. If the permit is denied, the owner or operator would then be required to cease the activities authorized by the continued permit or be subject to enforcement action for operating without a permit;

(3) reissue the new permit with appropriate conditions; or

(4) take other actions authorized by these rules and AWPCA.

4. Relief from Liability

Except as provided in Provision II.C.1 (Bypass) and Provision II.C.2 (Upset), nothing in this permit shall be construed to relieve the permittee of civil or criminal liability under the AWPCA or FWPCA for noncompliance with any term or condition of this permit.

B. OIL AND HAZARDOUS SUBSTANCE LIABILITY

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject under Section 311 of the FWPCA, 33 U.S.C. Section 1321.

C. PROPERTY AND OTHER RIGHTS

This permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to persons or property or invasion of other private rights, trespass, or any infringement of federal, state, or local laws or regulations, nor does it authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any waters of the state or of the United States.

D. AVAILABILITY OF REPORTS

Except for data determined to be confidential under Code of Alabama 1975, Section 22-22-9(c), all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Department. Effluent data shall not be considered confidential.

E. EXPIRATION OF PERMITS FOR NEW OR INCREASED DISCHARGES

1. If this permit was issued for a new discharger or new source, this permit shall expire eighteen months after the issuance date if construction of the facility has not begun during the eighteen-month period.
2. If this permit was issued or modified to allow the discharge of increased quantities of pollutants to accommodate the modification of an existing facility and if construction of this modification has not begun during the eighteen month period after issuance of this permit or permit modification, this permit shall be modified to reduce the quantities of pollutants allowed to be discharged to those levels that would have been allowed if the modification of the facility had not been planned.
3. Construction has begun when the owner or operator has:
 - a. begun, or caused to begin as part of a continuous on-site construction program:
 - (1) any placement, assembly, or installation of facilities or equipment; or
 - (2) significant site preparation work including clearing, excavation, or removal of existing buildings, structures, or facilities which is necessary for the placement, assembly, or installation of new source facilities or equipment; or
 - b. entered into a binding contractual obligation for the purpose of placement, assembly, or installation of facilities or equipment which are intended to be used in its operation within a reasonable time. Options to purchase or contracts which can be terminated or modified without substantial loss, and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under the paragraph. The entering into a lease with the State of Alabama for exploration and production of hydrocarbons shall also be considered beginning construction.

F. COMPLIANCE WITH WATER QUALITY STANDARDS

1. On the basis of the permittee's application, plans, or other available information, the Department has determined that compliance with the terms and conditions of this permit should assure compliance with the applicable water quality standards.
2. Compliance with permit terms and conditions notwithstanding, if the permittee's discharge(s) from point sources identified in Provision I. A. of this permit cause or contribute to a condition in contravention of state water quality standards, the Department may require abatement action to be taken by the permittee in emergency situations or modify the permit pursuant to the Department's Rules, or both.
3. If the Department determines, on the basis of a notice provided pursuant to this permit or any investigation, inspection or sampling, that a modification of this permit is necessary to assure maintenance of water quality standards or compliance with other provisions of the AWPCA or FWPCA, the Department may require such modification and, in cases of emergency, the Director may prohibit the discharge until the permit has been modified.

G. GROUNDWATER

Unless specifically authorized under this permit, this permit does not authorize the discharge of pollutants to groundwater. Should a threat of groundwater contamination occur, the Director may require groundwater monitoring to properly assess the degree of the problem and the Director may require that the Permittee undertake measures to abate any such discharge and/or contamination.

H. DEFINITIONS

1. Average monthly discharge limitation - means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month (zero discharge days shall not be included in the number of "daily discharges" measured and a less than detectable test result shall be treated as a concentration of zero if the most sensitive EPA approved method was used).
2. Average weekly discharge limitation - means the highest allowable average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week (zero discharge days shall not be included in the number of "daily discharges" measured and a less than detectable test result shall be treated as a concentration of zero if the most sensitive EPA approved method was used).

3. Arithmetic Mean – means the summation of the individual values of any set of values divided by the number of individual values.
4. AWPCA - means the Alabama Water Pollution Control Act.
5. BOD – means the five-day measure of the pollutant parameter biochemical oxygen demand.
6. Bypass - means the intentional diversion of waste streams from any portion of a treatment facility.
7. CBOD – means the five-day measure of the pollutant parameter carbonaceous biochemical oxygen demand.
8. Daily discharge - means the discharge of a pollutant measured during any consecutive 24-hour period in accordance with the sample type and analytical methodology specified by the discharge permit.
9. Daily maximum - means the highest value of any individual sample result obtained during a day.
10. Daily minimum - means the lowest value of any individual sample result obtained during a day.
11. Day - means any consecutive 24-hour period.
12. Department - means the Alabama Department of Environmental Management.
13. Director - means the Director of the Department.
14. Discharge - means "[t]he addition, introduction, leaking, spilling or emitting of any sewage, industrial waste, pollutant or other wastes into waters of the state". Code of Alabama 1975, Section 22-22-1(b)(8).
15. Discharge Monitoring Report (DMR) - means the form approved by the Director to accomplish reporting requirements of an NPDES permit.
16. DO – means dissolved oxygen.
17. 8HC – means 8-hour composite sample, including any of the following:
 - a. The mixing of at least 5 equal volume samples collected at constant time intervals of not more than 2 hours over a period of not less than 8 hours between the hours of 6:00 a.m. and 6:00 p.m. If the sampling period exceeds 8 hours, sampling may be conducted beyond the 6:00 a.m. to 6:00 p.m. period.
 - b. A sample continuously collected at a constant rate over period of not less than 8 hours between the hours of 6:00 a.m. and 6:00 p.m. If the sampling period exceeds 8 hours, sampling may be conducted beyond the 6:00 a.m. to 6:00 p.m. period.
18. EPA - means the United States Environmental Protection Agency.
19. FC – means the pollutant parameter fecal coliform.
20. Flow – means the total volume of discharge in a 24-hour period.
21. FWPCA - means the Federal Water Pollution Control Act.
22. Geometric Mean – means the Nth root of the product of the individual values of any set of values where N is equal to the number of individual values. The geometric mean is equivalent to the antilog of the arithmetic mean of the logarithms of the individual values. For purposes of calculating the geometric mean, values of zero (0) shall be considered one (1).
23. Grab Sample – means a single influent or effluent portion which is not a composite sample. The sample(s) shall be collected at the period(s) most representative of the discharge.
24. Indirect Discharger – means a nondomestic discharger who discharges pollutants to a publicly owned treatment works or a privately owned treatment facility operated by another person.
25. Industrial User – means those industries identified in the Standard Industrial Classification manual, Bureau of the Budget 1967, as amended and supplemented, under the category "Division D – Manufacturing" and such other classes of significant waste producers as, by regulation, the Director deems appropriate.
26. MGD – means million gallons per day.

27. Monthly Average – means, other than for fecal coliform bacteria, the arithmetic mean of the entire composite or grab samples taken for the daily discharges collected in one month period. The monthly average for fecal coliform bacteria is the geometric mean of daily discharge samples collected in a one month period. The monthly average for flow is the arithmetic mean of all flow measurements taken in a one month period.
28. New Discharger – means a person, owning or operating any building, structure, facility or installation:
 - a. from which there is or may be a discharge of pollutants;
 - b. that did not commence the discharge of pollutants prior to August 13, 1979, and which is not a new source; and
 - c. which has never received a final effective NPDES permit for dischargers at that site.
29. NH3-N – means the pollutant parameter ammonia, measured as nitrogen.
30. Permit application - means forms and additional information that is required by ADEM Administrative Code Rule 335-6-6-.08 and applicable permit fees.
31. Point source - means "any discernible, confined and discrete conveyance, including but not limited to any pipe, channel, ditch, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, or vessel or other floating craft, . . . from which pollutants are or may be discharged." Section 502(14) of the FWPCA, 33 U.S.C. Section 1362(14).
32. Pollutant - includes for purposes of this permit, but is not limited to, those pollutants specified in Code of Alabama 1975, Section 22-22-1(b)(3) and those effluent characteristics specified in Provision I. A. of this permit.
33. Privately Owned Treatment Works – means any devices or system which is used to treat wastes from any facility whose operator is not the operator of the treatment works, and which is not a "POTW".
34. Publicly Owned Treatment Works – means a wastewater collection and treatment facility owned by the State, municipality, regional entity composed of two or more municipalities, or another entity created by the State or local authority for the purpose of collecting and treating municipal wastewater.
35. Receiving Stream – means the "waters" receiving a "discharge" from a "point source".
36. Severe property damage - means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
37. Significant Source – means a source which discharges 0.025 MGD or more to a POTW or greater than five percent of the treatment work's capacity, or a source which is a primary industry as defined by the U.S. EPA or which discharges a priority or toxic pollutant.
38. Solvent – means any virgin, used or spent organic solvent(s) identified in the F-Listed wastes (F001 through F005) specified in 40 CFR 261.31 that is used for the purpose of solubilizing other materials.
39. TKN – means the pollutant parameter Total Kjeldahl Nitrogen.
40. TON – means the pollutant parameter Total Organic Nitrogen.
41. TRC – means Total Residual Chlorine.
42. TSS – means the pollutant parameter Total Suspended Solids.
43. 24HC – means 24-hour composite sample, including any of the following:
 - a. the mixing of at least 12 equal volume samples collected at constant time intervals of not more than 2 hours over a period of 24 hours;
 - b. a sample collected over a consecutive 24-hour period using an automatic sampler composite to one sample. As a minimum, samples shall be collected hourly and each shall be no more than one twenty-fourth (1/24) of the total sample volume collected; or
 - c. a sample collected over a consecutive 24-hour period using an automatic composite sampler composited proportional to flow.

44. Upset - means an exceptional incident in which there is an unintentional and temporary noncompliance with technology-based permit discharge limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
45. Waters - means "[a]ll waters of any river, stream, watercourse, pond, lake, coastal, ground or surface water, wholly or partially within the state, natural or artificial. This does not include waters which are entirely confined and retained completely upon the property of a single individual, partnership or corporation unless such waters are used in interstate commerce." Code of Alabama 1975, Section 22-22-1(b)(2). Waters "include all navigable waters" as defined in Section 502(7) of the FWPCA, 22 U.S.C. Section 1362(7), which are within the State of Alabama.
46. Week - means the period beginning at twelve midnight Saturday and ending at twelve midnight the following Saturday.
47. Weekly (7-day and calendar week) Average – is the arithmetic mean of all samples collected during a consecutive 7-day period or calendar week, whichever is applicable. The calendar week is defined as beginning on Sunday and ending on Saturday. Weekly averages shall be calculated for all calendar weeks with Saturdays in the month. If a calendar week overlaps two months (i.e., the Sunday is in one month and the Saturday in the following month), the weekly average calculated for the calendar week shall be included in the data for the month that contains the Saturday.

I. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

PART IV: ADDITIONAL REQUIREMENTS, CONDITIONS, AND LIMITATIONS**A. BEST MANAGEMENT PRACTICES (BMP) PLAN REQUIREMENTS****1. BMP Plan**

The permittee shall develop and implement a Best Management Practices (BMP) Plan which prevents, or minimizes the potential for, the release of pollutants from ancillary activities, including material storage areas; plant site runoff; in-plant transfer, process and material handling areas; loading and unloading operations, and sludge and waste disposal areas, to the waters of the State through plant site runoff; spillage or leaks; sludge or waste disposal; or drainage from raw material storage.

2. Plan Content

The permittee shall prepare and implement a best management practices (BMP) plan, which shall:

- a. Establish specific objectives for the control of pollutants:
 - (1) Each facility component or system shall be examined for its potential for causing a release of significant amounts of pollutants to waters of the State due to equipment failure, improper operation, natural phenomena such as rain or snowfall, etc.
 - (2) Where experience indicates a reasonable potential for equipment failure (e.g., a tank overflow or leakage), natural condition (e.g. precipitation), or circumstances to result in significant amounts of pollutants reaching surface waters, the plan should include a prediction of the direction, rate of flow, and total quantity of pollutants which could be discharged from the facility as a result of each condition or circumstance.
- b. Establish specific best management practices to meet the objectives identified under paragraph a. of this section, addressing each component or system capable of causing a release of significant amounts of pollutants to the waters of the State, and identifying specific preventative or remedial measures to be implemented;
- c. Establish a program to identify and repair leaking equipment items and damaged containment structures, which may contribute to contaminated stormwater runoff. This program must include regular visual inspections of equipment, containment structures and of the facility in general to ensure that the BMP is continually implemented and effective;
- d. Prevent the spillage or loss of fluids, oil, grease, gasoline, etc. from vehicle and equipment maintenance activities and thereby prevent the contamination of stormwater from these substances;
- e. Prevent or minimize stormwater contact with material stored on site;
- f. Designate by position or name the person or persons responsible for the day to day implementation of the BMP;
- g. Provide for routine inspections, on days during which the facility is manned, of any structures that function to prevent stormwater pollution or to remove pollutants from stormwater and of the facility in general. Routine inspections should be done at a frequency to ensure that the BMP is continually implemented and effective and in no case less frequent than once per year;
- h. Provide for the use and disposal of any material used to absorb spilled fluids that could contaminate stormwater;
- i. Develop a solvent management plan, if solvents are used on site. The solvent management plan shall include as a minimum lists of the solvents on site; the disposal method of solvents used instead of dumping, such as reclamation, contract hauling; and the procedures for assuring that solvents do not routinely spill or leak into the stormwater;
- j. Provide for the disposal of all used oils, hydraulic fluids, firefighting foams, solvent degreasing material, etc. in accordance with good management practices and any applicable state or federal regulations;
- k. Include a diagram of the facility showing the locations where stormwater exits the facility, the locations of any structure or other mechanisms intended to prevent pollution of stormwater or to remove pollutants from stormwater, the locations of any collection and handling systems;
- l. Provide control sufficient to prevent or control pollution of stormwater by soil particles to the degree required to maintain compliance with the water quality standard for turbidity applicable to the waterbody(s) receiving discharge(s) under this permit;
- m. Provide spill prevention, control, and/or management sufficient to prevent or minimize contaminated stormwater runoff. Any containment system used to implement this requirement shall be constructed of materials compatible with the

substance(s) contained and shall prevent the contamination of groundwater. The containment system shall also be capable of retaining a volume equal to 110 percent of the capacity of the largest tank for which containment is provided;

- n. Provide and maintain curbing, diking or other means of isolating process areas to the extent necessary to allow segregation and collection for treatment of contaminated stormwater from process areas;
- o. Be reviewed by plant engineering staff and the plant manager; and
- p. Bear the signature of the plant manager.

3. Compliance Schedule

The permittee shall have reviewed (and revised if necessary) and fully implemented the BMP plan as soon as practicable but no later than six months after the effective date of this permit.

4. Department Review

- a. When requested by the Director or his designee, the permittee shall make the BMP available for Department review.
- b. The Director or his designee may notify the permittee at any time that the BMP is deficient and require correction of the deficiency.
- c. The permittee shall correct any BMP deficiency identified by the Director or his designee within 30 days of receipt of notification and shall certify to the Department that the correction has been made and implemented.

5. Administrative Procedures

- a. A copy of the BMP shall be maintained at the facility and shall be available for inspection by representatives of the Department.
- b. A log of the routine inspection required above shall be maintained at the facility and shall be available for inspection by representatives of the Department. The log shall contain records of all inspections performed for the last three years and each entry shall be signed by the person performing the inspection.
- c. The permittee shall provide training for any personnel required to implement the BMP and shall retain documentation of such training at the facility. This documentation shall be available for inspection by representatives of the Department. Training shall be performed prior to the date that implementation of the BMP is required.
- d. BMP Plan Modification. The permittee shall amend the BMP plan whenever there is a change in the facility or change in operation of the facility which materially increases the potential for the ancillary activities to result in a discharge of significant amounts of pollutants.
- e. BMP Plan Review. The permittee shall complete a review and evaluation of the BMP plan at least once every three years from the date of preparation of the BMP plan. Documentation of the BMP Plan review and evaluation shall be signed and dated by the Plant Manager.

B. STORMWATER FLOW MEASUREMENT AND SAMPLING REQUIREMENTS

1. Stormwater Flow Measurement

- a. All stormwater samples shall be collected from the discharge resulting from a storm event that is greater than 0.1 inches.
- b. The total volume of stormwater discharged for the event must be monitored, including the date and duration (in hours) and rainfall (in inches) for storm event(s) sampled. The duration between the storm event sampled and the end of the previous measurable (greater than 0.1 inch rainfall) storm event must be a minimum of 72 hours. This information must be recorded as part of the sampling procedure and records retained according to Part I.B. of this permit.
- c. The volume may be measured using flow measuring devices, or estimated based on a modification of the Rational Method using total depth of rainfall, the size of the drainage area serving a stormwater outfall, and an estimate of the runoff coefficient of the drainage area. This information must be recorded as part of the sampling procedure and records retained according to Part I.B. of this permit.

2. Stormwater Sampling

- a. A grab sample, if required by this permit, shall be taken during the first thirty minutes of the discharge (or as soon thereafter as practicable); and a flow-weighted composite sample, if required by this permit, shall be taken for the entire event or for the first three hours of the event.
- b. All test procedures will be in accordance with part I.B. of this permit.

C. INDUSTRIAL LAND APPLICATION REQUIREMENTS

1. The permittee shall perform monitoring of wastewater to be land applied on a once per discharge basis when the land application site is in use. If the land application site is not utilized during a calendar year period, certification of non-use shall be submitted by January 28th of the following year.
2. Parameters to be tested are Conductivity, pH, Chloride, Oil & Grease, BETX, Ammonia (as N), Nitrate (as N), Total Chromium, Total Copper, Total Lead, Total Nickel, Total Dissolved Solids and Spray Application Rate. Results of testing shall be submitted to the Department on a monthly basis and shall be received no later than the 28th day of the following month.
3. A healthy cover crop consisting of Bermuda or Fescue with Rye over-seed shall be maintained at all times during land application of waste water. If necessary, the cover crop shall be maintained by fertilization, re-seeding, etc.
4. Wastewater shall not be applied during periods of rain and/or high winds which will carry wastewater off site, when the ground is saturated such that percolation will not occur, prior to periods of rain or when the ground is frozen.
5. Wastewater shall be applied to the approved site only. The permittee shall ensure that there are no sinkholes or springs within 100 feet of the site. The permittee is to maintain a berm around the disposal site that is of sufficient height to contain a 10 year 24 hour storm event.
6. All spray and monitoring equipment shall be properly operated and maintained at all times to prevent leaks and spills. The equipment shall be installed so that there is no overlap of spray pattern from the individual sprinklers.
7. As a minimum, the following records shall be maintained by the permittee which will be subject to inspection by the Department:
 - a. All information required by land application monitoring reports;
 - b. Date and time span of application and volume applied;
 - c. Date, quantity and type of fertilizer used;
 - d. Date and amount of rainfall; and
 - e. Daily Nitrogen loading (pounds per day) for each zone/pivot.
8. Soil samples shall be collected from the land application site and tested in accordance with the requirements listed in Part IV.E. Soil Sampling Requirements.
9. Results for pH sampling for the top 6 inches of sample shall be within an acceptable range such that the cover crop being utilized at the application site is not adversely impacted.
10. Wastewater to be land applied shall be limited to wash water used to clean rail cars containing the following categories of materials: Sodium chlorate, caustic soda, fuel oils and fuel gases, lube oils, vegetable oils, ammonia, liquid petroleum gases, nitrogen solutions and sulfuric acid.
11. Wastewater to be land applied shall be limited to a maximum of 1.0 inch per day

D. GROUNDWATER MONITORING REQUIREMENTS

1. The up-gradient and three down-gradient monitoring wells shall be monitored at a frequency of once per quarter when the land application site is in use. If the land application site is not utilized during a calendar year period, certification of non-use shall be submitted by January 28th of the following year.
2. The monitoring wells shall be monitored for groundwater elevation and the following parameters: pH, Sulfate, Chloride, Ammonia (as N), Nitrate (as N), Total Iron, Total Chromium, Total Copper, Total Lead, Total Nickel, Total Phosphorus, BETX, Phenols, Total Dissolved Solids and Water Level.

3. Groundwater samples must be analyzed utilizing EPA approved laboratory methods.
4. The permittee must determine whether there is a significant increase over the background quality at each well. If it is determined that there is a statistically significant increase of the constituents then further action may be warranted by the Department.
5. The permittee shall submit an annual report no later than January 28th of the following year summarizing the quarterly sample results. The annual report shall include the following:
 - a. The rate and extent of contamination (if any) and include contour maps showing the groundwater flow direction;
 - b. Discussion of all analyses collected;
 - c. Discussion of concentration trends;
 - d. All potentiometric data collected for each monitoring event including top casing elevations, measured water levels, total well depths and calculated groundwater levels;
 - e. A potentiometric map illustrating the groundwater flow direction for each monitoring event;
 - f. All field parameter data collected during the well purging activities;
 - g. The specific dates that the well sampling activities were conducted; and
 - h. The reports shall be prepared by and bear the signature and the license number of a professional geologist or professional engineer registered in the state of Alabama.

E. SOIL SAMPLING REQUIREMENTS

1. The permittee shall sample the field soil subject to the land application of process water at a frequency of once per year during years when the land application site is in use. Two composite samples shall be collected, one from the top six inches of soil and the second from a depth of 7 to 12 inches of soil. Each composite sample shall consist of individual samples with a minimum of one sample collected per acre in use. Results are to be reported no later than January 28th of the year following the sample collection. If the land application site is not utilized during a calendar year period, certification of non-use shall be submitted by January 28th of the following year. Parameters to be tested are shown below:

Parameter	Units
Conductivity	umhos/cm
pH	S.U.
Ammonia (as N)	mg/kg
Nitrate (as N)	mg/kg
Chromium, Total	mg/kg
Copper, Total	mg/kg
Lead, Total	mg/kg
Nickel, Total	mg/kg
Sodium Adsorption Ratio	meq/l
Cation Exchange Capacity	meq/100 grams

ADEM PERMIT RATIONALE

PREPARED DATE: February 6, 2026

PREPARED BY: Clint Dear

Permittee Name: Frit Car, Inc.

Facility Name: Frit Car, Inc.

Permit Number: AL0040487

PERMIT IS REISSUANCE DUE TO EXPIRATION

DISCHARGE SERIAL NUMBERS (DSN) & DESCRIPTIONS:

DSN	Description
001	Storm water from vehicle and equipment parking and maintenance areas
002	Storm water from vehicle and equipment parking and maintenance areas
003	Storm water from vehicle and equipment parking and maintenance areas
004	Storm water from vehicle and equipment parking and maintenance areas
01A	Wastewater to be land applied.

INDUSTRIAL CATEGORY: 40 CFR 442 - Transportation Equipment Cleaning Point Source Category
§442.21 – Subpart B – Rail Tank Cars Transporting Chemical and Petroleum Cargos

MAJOR: N

STREAM INFORMATION:

Receiving Stream: Cobb Branch
Classification: Fish & Wildlife
River Basin: Perdido-Escambia
7Q10: 0.0 cfs
7Q2: 0.0 cfs
1Q10: 0.0 cfs
Annual Average Flow: 0.0 cfs
303(d) List: No
Impairment: N/A
TMDL: No

DISCUSSION:

Frit Car performs maintenance and repairs on railcars. As a part of this operation, wash waters are generated on occasions when railcars have to be cleaned prior to the initiation of repairs. The facility recycles the wash waters and utilizes an evaporation system to eliminate the need to discharge. Frit also has an on-site land application facility for wastewater disposal; however, this system has never been utilized.

ADEM Administrative Rule 335-6-10-.12 requires applicants to new or expanded discharges to Tier II waters demonstrate that the proposed discharge is necessary for important economic or social development in the area in which the waters are located. The application submitted by the facility is not for a new or expanded discharge.

Therefore, the applicant is not required to demonstrate that the discharge is necessary for economic and social development.

EPA has promulgated specific guidelines for this type of operation under Transportation Equipment Cleaning Guidelines (40 CFR 442); however, there is no discharge of process waters to a surface stream. Proposed permit limits and monitoring requirements for the four stormwater outfalls that drain the area around the vehicle repair and maintenance operations are based on Best Professional Judgment.

DSN001S: Storm water from vehicle and equipment parking and maintenance areas.

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
pH (00400) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Semi-Annually	Grab	All Months	BPJ
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Phosphorus, Total (As P) (00665) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Lead, Total Recoverable (01114) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Toluene (34010) Effluent Gross Value	*****	*****	*****	*****	*****	8723 Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ
Benzene (34030) Effluent Gross Value	*****	*****	*****	*****	*****	15.5 Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ
Ethylbenzene (34371) Effluent Gross Value	*****	*****	*****	*****	*****	1244 Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ
Naphthalene (34696) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Semi-Annually	Estimate	All Months	BPJ
Xylene (81551) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ

DSN002S: Storm water from vehicle and equipment parking and maintenance areas.

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
pH (00400) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Semi-Annually	Grab	All Months	BPJ
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Phosphorus, Total (As P) (00665) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Lead, Total Recoverable (01114) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Toluene (34010) Effluent Gross Value	*****	*****	*****	*****	*****	8723 Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ
Benzene (34030) Effluent Gross Value	*****	*****	*****	*****	*****	15.5 Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ
Ethylbenzene (34371) Effluent Gross Value	*****	*****	*****	*****	*****	1244 Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ
Naphthalene (34696) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Semi-Annually	Estimate	All Months	BPJ
Xylene (81551) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ

DSN003S: Storm water from vehicle and equipment parking and maintenance areas.

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
pH (00400) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Semi-Annually	Grab	All Months	BPJ
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Phosphorus, Total (As P) (00665) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Lead, Total Recoverable (01114) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Toluene (34010) Effluent Gross Value	*****	*****	*****	*****	*****	8723 Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ
Benzene (34030) Effluent Gross Value	*****	*****	*****	*****	*****	15.5 Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ
Ethylbenzene (34371) Effluent Gross Value	*****	*****	*****	*****	*****	1244 Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ
Naphthalene (34696) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Semi-Annually	Estimate	All Months	BPJ
Xylene (81551) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ

DSN004S: Storm water from vehicle and equipment parking and maintenance areas.

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
pH (00400) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Semi-Annually	Grab	All Months	BPJ
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Phosphorus, Total (As P) (00665) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Lead, Total Recoverable (01114) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Toluene (34010) Effluent Gross Value	*****	*****	*****	*****	*****	8723 Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ
Benzene (34030) Effluent Gross Value	*****	*****	*****	*****	*****	15.5 Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ
Ethylbenzene (34371) Effluent Gross Value	*****	*****	*****	*****	*****	1244 Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ
Naphthalene (34696) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Semi-Annually	Estimate	All Months	BPJ
Xylene (81551) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Semi-Annually	Grab	All Months	BPJ

DSN01A1: Wastewater to be land applied.

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
Conductivity (00094) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	umhos/ cm	Once/Disc harge	Grab	All Months	BPJ
pH (00400) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Once/Disc harge	Grab	All Months	BPJ
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Disc harge	Grab	All Months	BPJ
Nitrogen, Ammonia Total (As N) (00610) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Disc harge	Grab	All Months	BPJ
Nitrite Plus Nitrate Total 1 Det. (As N) (00630) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Disc harge	Grab	All Months	BPJ
Chloride (As Cl) (00940) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Disc harge	Grab	All Months	BPJ
Chromium, Total (As Cr) (01034) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Disc harge	Grab	All Months	BPJ
Copper, Total (As Cu) (01042) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Disc harge	Grab	All Months	BPJ
Lead, Total (As Pb) (01051) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Disc harge	Grab	All Months	BPJ
Nickel, Total (As Ni) (01067) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Disc harge	Grab	All Months	BPJ
Benzene, Ethylbenzenetoulene, Xylene Combn (30383) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	ug/l	Once/Disc harge	Grab	All Months	BPJ
Solids, Total Dissolved (70295) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Once/Disc harge	Grab	All Months	BPJ
Depth to Water Level Ft Below Land Surface (72019) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	feet	Once/Disc harge	Grab	All Months	BPJ
Spray Irrigation Application Rate (82216) Effluent Gross Value	*****	(Report) Maximum Daily	inches/ day	*****	*****	*****	*****	Once/Disc harge	Measurment/ Calcul ation	All Months	BPJ
Water Level Relative to Mean Sea Level (82545) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	feet	Once/Disc harge	Grab	All Months	BPJ

Discussion

DSN001- DSN004: Storm water from vehicle and equipment parking and maintenance areas

Best Professional Judgment (BPJ)

The parameters of concern for this facility are based on the parameters of concern listed in EPA form 2F and from the current permit. These parameters are consistent with similar facilities in the state and have been proven to be reflective of the operations at this facility. The parameters with specific limits are discussed below:

Oil & Grease

The daily maximum limit of 15 mg/l for Oil and Grease should prevent the occurrence of a visible sheen in the stream and has been shown to be achievable through the use of proper BMPs.

Benzene, Ethylbenzene, Toluene, and Xylene

Monitoring for Benzene, Ethylbenzene, Toluene, and Xylene is continued in this permit because stormwater runoff is associated with maintenance areas where fuel is stored or potentially could be spilled. Limits for Benzene, Ethylbenzene and Toluene are based on BPJ and are consistent with requirements contained in general permit ALG140000 for transportation related operations. Monitoring only will be required for Xylene.

Federal Effluent Guideline Limitations (EGL)

EPA has promulgated specific guidelines (40CFR 442) for the type of operation covered under the proposed permit; however, because there are no discharges of process waters to a surface stream, proposed permit limits and monitoring requirements (for stormwater) are instead based on BPJ.

303(d) List of Impaired Waters/Total Maximum Daily Load (TMDL)

The receiving stream, Cobb Branch, is not listed on the 303(d) List of Impaired Waters and has not had a TMDL proposed or approved. Cobb Branch flows into Murder Creek in a segment which is included on the most recent 303(d) list for Mercury. Mercury is suspected to be present in Murder Creek due to atmospheric deposition. Based on the nature of the facility's operations, Mercury is not expected to be present in stormwater runoff from the site. For this reason, monitoring for Mercury is not proposed in this permit.

DSN01A: Wastewater to be land applied.

Land Application Requirements

The internal outfall DSN01A was previously added to the permit to better track the requirements found in Part IV of the permit.

DSN01A1

The monitoring parameters in DSN01A1 are the same as those required to be monitored in Part IV.C.2 of the permit. All parameters are to be sampled on a once per discharge basis when the land application site is to be used. Should the facility choose to utilize the spray field, the annual certification statement for DSN01AY should be marked “*9”.

DSN01AY

To demonstrate exemption from the land application monitoring requirements, the facility will instead be required to submit annual certification of non-use of the spray field using the Annual Certification Statement for DSN01A. To submit a certification statement, the certification statement parameter code shall be marked “0” which demonstrates that the spray irrigation field was not used in that calendar year. In addition, monitoring results for DSN01A1 shall be marked “No Discharge” or “*9” on the DSN01A1 discharge monitoring report.

Groundwater Monitoring Requirements

The permit will continue to require quarterly testing at one up-gradient and three down-gradient wells for parameters in Part IV.D.2 of the permit.

Data from the up-gradient well will be used to establish background levels of the pollutants of concern. Down-gradient wells will be monitored for the same parameters to evaluate the effect of the land application site on the groundwater. The permittee will be required to submit an annual report of groundwater monitoring results. If the ADEM Groundwater Branch determines that groundwater is adversely impacted, the Department can require additional measures including cessation of waste disposal at this site, if necessary.

Soil Sampling Requirements

The permit will continue to require soil sampling in the land application area for parameters located in Part IV.E.1. of the permit. Samples are to be collected on an annual basis from the top 6 inches of soil and from a depth of 7 to 12 inches. These samples will be collected at locations equally distributed across the application field with a minimum of one sample site for each acre in use. Results of this testing are to be submitted to the Department no later than January 28th of the following year. Should the ADEM Groundwater Branch determine that pollutant soil concentrations are approaching levels of concern, corrective action will be required.

Soil sampling will not be required during annual periods when the land application site is not in use; however, annual certification of non-use must be submitted to the Department no later than January 28th of the following year.

Permit Part IV Requirements

This permit will continue the suspension of the spray field reporting requirements found in Part IV of the permit.

The facility has not used the spray irrigation field since its construction and has provided over 10 years of groundwater monitoring data and analysis to the Department. Therefore, all monitoring requirements found in Part IV of the permit involving the spray irrigation field are proposed to remain suspended as long as the spray field is not in use.

Should the facility decide to utilize the spray irrigation field, the requirements for land application, groundwater monitoring, and soil sampling shall be applicable and all required reports found in Part IV.C, IV.D, and IV.E of the permit shall be submitted no later than January 28th of the year following use of the spray irrigation field.

Best Management Practices (BMP) Plan

Best Management Practices (BMPs) are believed to be the most effective way to control the contamination of stormwater from areas of industrial activities. This facility is required to maintain a BMP plan. The requirements of the BMP plan call for minimization of stormwater contact with waste materials, products and by-products, and for prevention of spills or loss of fluids from equipment maintenance activities. The effectiveness of the BMPs will be measured through the monitoring of the pollutants of concern.

The Department has updated the BMP language located in Part IV.A.2.g of the Permit. The Permit Condition now states "Provide for routine inspections, or days during which the facility is manned, of any structures that function to prevent stormwater pollution or to remove pollutants from stormwater and of the facility in general. Routine inspections should be done at a frequency to ensure that the BMP is continually implemented and effective and in no case less frequent than once per year." This clarification was added to be consistent with 40 CFR Part 122.43(c).

NPDES Individual Permit Mod/Reissue (Form 187) - Supplementary Information for Industrial Facilities

version 2.11

(Submission #: HQJ-4V79-5J5X4, version 1)

Digitally signed by:
AEPACS
Date: 2025.12.30 14:29:19 -06:00
Reason: Submission Data
Location: State of Alabama

Details

Submission ID HQJ-4V79-5J5X4

Form Input

General Instructions

This form should be used to submit the following permit requests for permitted Industrial Individual NPDES facilities

- Permit Transfers
- Permittee/Facility Name Changes
- Minor Modifications, for example:
 - > Frequency of monitoring or reporting modifications
 - > Changes to interim compliance dates in a schedule of compliance, not including the final compliance date.
 - > Removal of a point source outfall, provided the discharge is terminated and does not result in discharge of pollutants from other outfalls, except in accordance with permit limits.
- Major Modifications, (Any modifications not covered by minor mod's, whether Effluent Limit changes occur or not)
- Reissuances
- Reissuance of a permit due to approaching expiration
- Revocation and Reissuance of permit prior to its scheduled expiration

Applicable Base Fees:

- Permit Transfers and/or Permittee/Facility Name Changes
 - > \$800
- Minor Modifications (see examples above)
 - > \$3,940 (Major Sources)
 - > \$3,120 (Minor Sources)
- Major Modifications
 - > \$17,990 (Major Sources)
 - > \$5,615 (Minor Sources)
- Reissuances
 - > \$17,990 (Major Sources)
 - > \$5,615 (Minor Sources)

For assistance, please click here to determine the permit staff responsible for the site or call (334) 271-7799

Processing Information

Purpose of Application

Reissuance of Permit Due to Approaching Expiration

Please indicate if the Permittee is applying for a permit transfer and/or name change in addition to permit modification or reissuance:

None

Action Type

Reissuance

If applicable, briefly describe any planned changes at the facility that are included in this reissuance application:

NONE PROVIDED

General Information

SID Permit Number (if your facility currently holds an SID permit, please provide that number below):

NONE PROVIDED

NPDES or General Permit Numbers (if applicable, please list all permit numbers):

AL0040487

Is this facility/site only applying for permit coverage for discharges from stormwater?

Yes

Is a new stormwater outfall being added?

No

Permit Information

Permit Number

AL0040487

Current Permittee Name

Frit Car, Inc.

Permittee

Permittee Name

Frit Car, Inc.

Mailing Address

PO BOX 1340

BREWTON, AL 36427-1340

Per ADEM Admin. Code r. 335-6-6-.09 (1), a Responsible Official is defined as CEO, President, any position at a level of Vice President or higher, Owner, Partner, Managing Member (LLC), or ranking elected official. Please provide the contact information for the person meeting this definition.

Do NOT enter information for a person that is/will be a Duly Authorized Representative (DAR) (i.e. a person that has been delegated signatory permissions by a Responsible Official). A person that is a Duly Authorized Representative is NOT considered a RESPONSIBLE OFFICIAL.

Responsible Official

Prefix

Mr.

First Name Last Name

Jimmy Blankenship

Title

Vice President

Organization Name

Frit Car, Inc.

Phone Type Number Extension

Business 251-867-7752

Email

jblankenship@fritcar.com

Mailing Address

PO BOX 1340

BREWTON, AL 36427-1340

Does the Responsible Official intend to delegate signatory authority for DMRs or other compliance reports to an individual as a duly authorized representative (DAR) for this site?

Yes

Pursuant to ADEM Admin. Code r. 335-6-6-.09(2), a person may ONLY be delegated signatory authority for reports if that person has responsibility for the overall operation of the regulated facility or regulated activity. Once such delegation is made, that person is considered a duly authorized representative (DAR).

Existing Permit Contacts

Affiliation Type	Contact Information	Remove?
Permittee	Frit Car, Inc.	Keep
Notification Recipient, Responsible Official	Jimmy Blankenship	Keep
DMR Contact	Joey Moffett, Frit Car Inc.	Keep
Consultant	Steve Osborn, American Environmental Ecology, Inc.	Keep

Duly Authorized Representative (DAR)

Duly Authorized Representative - Delegation of Signatory Authority by Responsible Official

If the permittee has not already prepared a signed and dated delegation form/letter, an optional form can be downloaded from the link below. All information should be completed along with the responsible official's signature and date signed. That signed form can be uploaded in the attachment section below titled "DAR Documentation".

[Optional Delegation of Signatory Authority Form](#)

Delegation Document for Duly Authorized Representation (DAR)

[DAR Signatory Authority Frit 2025.pdf - 12/29/2025 09:49 AM](#)

Comment

NONE PROVIDED

Pursuant to ADEM Admin. Code r. 335-6-6-.09(2), a person may ONLY be delegated signatory authority for reports if that person has responsibility for the overall operation of the regulated facility or activity. Once such delegation is made, that person is considered a duly authorized representative (DAR).

Authorized Rep

Prefix

Mr.

First Name Last Name

Joey Moffett

Title

Environmental Manager

Organization Name

Frit Car Inc.

Phone Type Number Extension

Business 2518677752

Email

J.Moffett@FritCar.com

Mailing Address

PO BOX 1340

BREWTON, AL 36427-1340

United States

Facility/Site Information

Facility/Site Name

Frit Car, Inc.

Organization/Ownership Type

Corporation

Facility/Site Address or Location Description

1965 SOUTH BLVD

BREWTON, AL 36426-7157

Facility/Site County

Escambia

Detailed Directions to the Facility/Site

From Brewton, Alabama, travel 2.3 miles Southwest on U.S. HWY. 31/South Boulevard.

The facility and sign to the facility will be on the left (South).

Facility Map

[FIGURE 1- FRIT CAR QUAD SHEET 1222 2020.pdf - 12/26/2025 06:10 PM](#)

Comment

NONE PROVIDED

Please refer to the link below for Lat/Long map instruction help:

[Map Instruction Help](#)

Facility/Site Front Gate Latitude and Longitude

31.086600221322172,-87.0987541428833

1965 South Boulevard, Brewton, AL

SIC Code(s) [Please enter Primary SIC Code first followed by any additional applicable SIC Codes]

4789-Transportation Services

NAICS Code(s) [Please enter Primary NAICS Code first followed by any additional applicable NAICS Codes]

488210-Support Activities for Rail Transportation

Facility/Site Contact**Prefix**

Mr.

First Name Last Name

Joey Moffett

Title

Environmental Manager

Organization Name

Frit Car Inc.

Phone Type Number Extension

Business 2518677752

Email

J.Moffett@FritCar.com

Address

PO BOX 1340

BREWTON, AL 36427-1340

DMR Contact(s) (1 of 1)

DMR Contact**Prefix**

Mr.

First Name Last Name

Joey Moffett

Title

Manager

Phone Type Number Extension

Business 251-867-7752

Email

J.Moffett@FritCar.com

Address

PO BOX 1340

BREWTON, AL 36427-1340

Applicant Business Entity Information**Address of Incorporation**

P.O. Box 1589

Ozark, Al. 36361

Agent Designated by the Corporation for Purposes of Service

Name	Address
Mr. Jimmy Blankenship	1965 South Boulevard Brewton, Al. 36426

Please provide all corporate officers

Name	Title	Address
Dr. Carl Scauble	V.P.	P.O. Box 1589 Ozark, Al. 36361
Dr. Gene Allred	President	P.O. Box 1589 Ozark, Al. 36361

Does the applicant applying for coverage have a Parent Corporation?

Yes

Parent Corporation of Applicant

Name	Address
Frit Inc.	P.O. Box 1589 Ozark, Al. 36361

Does the applicant applying for coverage have Subsidiary Corporations?

No

Enforcement History

Has the applicant been issued any Notices of Violation, Orders (Consent or Administrative/Unilateral), or Judicial Actions (Complaint, Settlement Agreement, Consent Decree, or Court Order) concerning water pollution or other permit violations within the State of Alabama in the past five years?

No

Business Activity

A facility with processes inclusive in the business areas shown below may be covered by Environmental Protection Agency's (EPA) categorical effluent guideline standards. These facilities are termed categorical users. If unsure, please call the Industrial

Section at (334) 271-7943 to discuss or use the link below to contact the Permit Engineer for the county the facility is/will be located in.

[Industrial Section Assignment Map](#)

If your facility conducts or will be conducting any of the processes listed below (regardless of whether they generate wastewater, waste sludge, or hazardous wastes), please check the category of business activity:

Transportation Equipment Cleaning

Give a brief description of all operations at this facility including primary products or services:

Railroad car cleaning and repair. Rubber relining of rail tanker cars.

Stormwater Outfalls (1 of 4)

001

Please click below if this discharge no longer exists or is no longer required:

NONE PROVIDED

Outfall Identifier

001

Receiving Water

Cobb Branch

Does the discharge enter the named receiving water via an unnamed tributary?

NONE PROVIDED

Indicate if either of the following characteristics apply to this discharge:

Stormwater only (no comingled process waste water excluding air conditioner condensate and fire testing waters)

Monitoring/Sampling Point Location

31.08361100000000, -87.09527799999999

Stormwater Outfalls (2 of 4)

002

Please click below if this discharge no longer exists or is no longer required:

NONE PROVIDED

Outfall Identifier

002

Receiving Water

Cobb Branch

Does the discharge enter the named receiving water via an unnamed tributary?

NONE PROVIDED

Indicate if either of the following characteristics apply to this discharge:

Stormwater only (no comingled process waste water excluding air conditioner condensate and fire testing waters)

Monitoring/Sampling Point Location

31.08333300000000, -87.09527799999999

Stormwater Outfalls (3 of 4)

003

Please click below if this discharge no longer exists or is no longer required:

NONE PROVIDED

Outfall Identifier

003

Receiving Water

Cobb Branch

Does the discharge enter the named receiving water via an unnamed tributary?

NONE PROVIDED

Indicate if either of the following characteristics apply to this discharge:

Stormwater only (no comingled process waste water excluding air conditioner condensate and fire testing waters)

Monitoring/Sampling Point Location

31.08305600000000, -87.09527799999999

Stormwater Outfalls (4 of 4)

004

Please click below if this discharge no longer exists or is no longer required:

NONE PROVIDED

Outfall Identifier

004

Receiving Water

Cobb Branch

Does the discharge enter the named receiving water via an unnamed tributary?

NONE PROVIDED

Indicate if either of the following characteristics apply to this discharge:

Stormwater only (no comingled process waste water excluding air conditioner condensate and fire testing waters)

Monitoring/Sampling Point Location

31.08277800000000, -87.09527799999999

Anti-Degradation Evaluation

Is this a new or increased discharge that began after April 3, 1991?

No

Additional Information

Do you share an outfall with another facility?

No

Indicate if automatic sampling equipment or continuous wastewater flow metering equipment is being operated at this facility:

Current	Yes/No
Continuous Wastewater Flow Metering Equipment	Yes
Automatic Sampling Equipment	No

Indicate if installation automatic sampling equipment or continuous wastewater flow metering equipment planned at this facility:

Planned	Yes/No
Continuous Wastewater Flow Metering Equipment	No

Planned	Yes/No
Automatic Sampling Equipment	No

Please describe the equipment below:

Current municipal water intake is measured using a calibrated ISCO Signature Flow Meter.

Please attach the process schematic with sampling equipment locations.

Figure 6 - AREA C - Wastewater Treatment Area - Process Flow diagram.pdf - 12/27/2025 05:46 PM

Comment

NONE PROVIDED

Are any process changes or expansions planned during the next three years that could alter wastewater volumes or characteristics (Consider production processes as well as air or water pollution treatment processes that may affect the discharge.)?

No

Do you use biocides, corrosion inhibitors, or chemical additives in your cooling or blowdown water?

No

Biocide/Corrosion Inhibitor Summary Sheet

NONE PROVIDED

Comment

NONE PROVIDED

Treatment

Is any form of wastewater treatment (see list below) practiced at this facility?

Yes

Treatment devices or processes used or proposed for treating wastewater or sludge (check as many as appropriate).

Air flotation

Neutralization, pH correction

Grit removal

Is any form of wastewater treatment (or changes to an existing wastewater treatment) planned for this facility within the next three years?

No

Facility Operational Characteristics

Indicate whether the facility discharge is:

Continuous through the year

Comments:

NONE PROVIDED

Non-Discharged Wastes

Are any waste liquids or sludges generated and not disposed of in the sanitary sewer system?

Yes

Waste Generated	Quantity (lbs/day)	Disposal Method	On-Site or Off-Site?	If Off-Site, Identify the Facility:
Water	640	Direct Discharge	Off-Site	City of Brewton Utilities
Dried Sludge	27.4	Remmoval	Off-Site	Republic Services

Does any outside firm remove any of the above checked wastes?

Yes

Hauler Information

Name	Address	City	State	Zip
Republic Services	P.O. Box 677156	Dallas	TX	75267
City of Brew	P.O. Box 368	Brewton	AL	36427

EPA Application Forms

All Applicants must submit certain EPA permit application forms. More than one application form may be required.

Form 1 - General Information Form required for all applications

Form 2C - Should be submitted for facilities with existing discharge(s) of process wastewater.

Form 2D - Should be submitted for facilities that have not yet commenced discharge(s) of process wastewater.

Form 2E - Should be submitted for facilities who discharge non-process wastewater, such as non-contact cooling water or boiler blowdown.

Form 2F - Should be submitted for all discharges of storm water associated with an industrial activity.

The EPA application forms are found on the Department's website [here](#).

EPA Form 1

[Frit Car EPA Form 1 2025.pdf](#) - 12/29/2025 01:09 PM

[Figures.zip](#) - 12/29/2025 02:22 PM

Comment

NONE PROVIDED

Additional EPA Forms (EPA Form 2C, 2D, 2E and/or 2F)

[Frit Car EPA Form 2F 2025.pdf](#) - 12/30/2025 09:11 AM

[Frit Car Form 2F Table A 2025.pdf](#) - 12/30/2025 09:12 AM

[Frit car Form 2F Table C 2025.pdf](#) - 12/30/2025 09:12 AM

[Form 3510 - 2F Section 4.2 Description of Material and Waste Material Handling Areas.docx](#) - 12/30/2025 09:12 AM

[Stormwater Analytical.zip](#) - 12/30/2025 09:13 AM

[Figures.zip](#) - 12/30/2025 09:13 AM

[Frit Car Signed EPA Form 2C 2025.pdf](#) - 12/30/2025 01:55 PM

[Frit Car Form 2C Outfall DSN004.pdf](#) - 12/30/2025 01:56 PM

Comment

NONE PROVIDED

Other attachments (as needed)

NONE PROVIDED

Comment

NONE PROVIDED

Additional Attachments

Please attach any additional information as needed.

NONE PROVIDED

Comment

NONE PROVIDED

Application Preparer

Application Preparer**Prefix**

Mr.

First Name Last Name

Steve Osborn

Title

Consultant

Organization Name

American Environmental Ecology, Inc.

Phone Type Number Extension

Mobile 205-908-6991

Email

steve@american-e-e.com

Address

PO BOX 40

ODENVILLE, AL 35120

Agreements and Signature(s)

SUBMISSION AGREEMENTS

- ☒ I am the owner of the account used to perform the electronic submission and signature.
- ☒ I have the authority to submit the data on behalf of the facility I am representing.
- ☒ I agree that providing the account credentials to sign the submission document constitutes an electronic signature equivalent to my written signature.
- ☒ I have reviewed the electronic form being submitted in its entirety, and agree to the validity and accuracy of the information contained within it to the best of my knowledge.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted; based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

"I further certify under penalty of law that all analyses reported as less than detectable in this application or attachments thereto were performed using the EPA approved test method having the lowest detection limit for the substance tested."

NOTE: 335-6-5-.14 SIGNATORIES TO PERMIT APPLICATIONS AND REPORTS.

The application shall be signed by a responsible official, a request for variance from categorical pretreatment standards, and a category determination request shall be signed by a responsible official, as indicated below:

- In the case of a corporation, by a principal executive officer of at least the level of vice president;
- In the case of a partnership, by a general partner;
- In the case of a sole proprietorship, by the proprietor; or
- In the case of a municipal, state, federal, or other public entity, by either a principal executive officer, or ranking elected official

Signed
By Joey Moffett on 12/30/2025 at 2:23 PM



Notes:

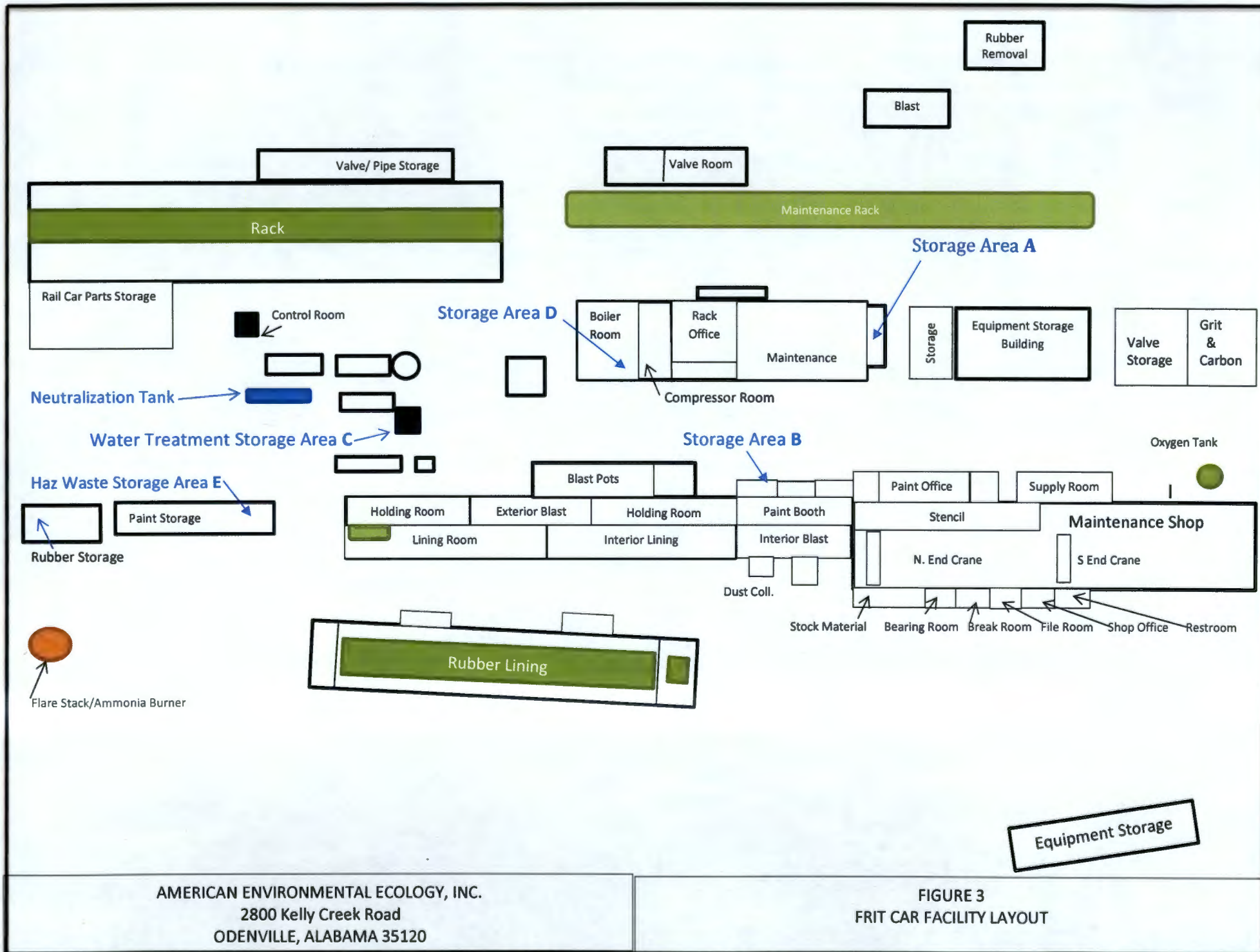
REV: 12/18/20
DATE:

FRIT CAR, INC.
NPDES PERMIT RENEWAL
1965 SOUTH BLVD.
BREWTON, AL 36426

DESIGNED BY:
AMERICAN ENVIRONMENTAL ECOLOGY
2800 KELLY CREEK ROAD
ODENVILLE, AL 35120

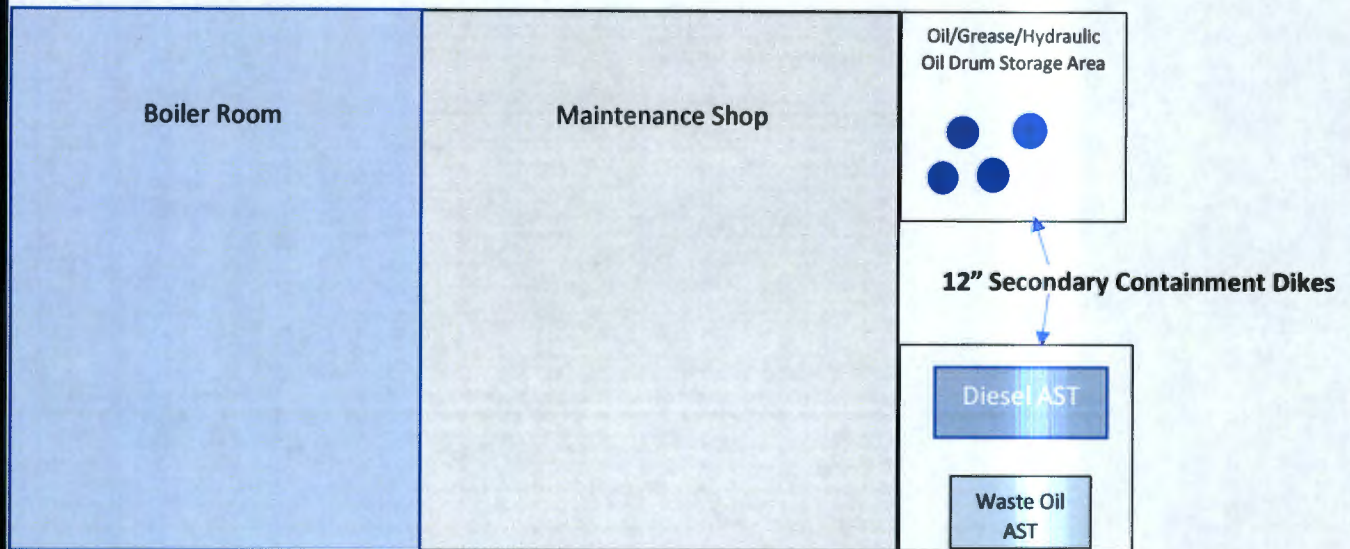
FIGURE 2:
SITE DRAINAGE MAP

SCALE: 1" = 300' ±	DATE: 12/18/20	PROJECT: 121	DRAWN BY: 121
PROJECT NO:	DATE:	PROJECT NO:	DATE:



AREA A

Maintenance & Fuel Area



Not To scale

AMERICAN ENVIRONMENTAL ECOLOGY
2800 KELLY CREEK ROAD
ODENVILLE, ALABAMA 35120

Figure 4 - AREA A – Storage Area
FRIT CAR, INC.
BREWTON, ALABAMA
AEE PROJECT NUMBER 910828

AREA B

HAZARDOUS WASTE
SATELLITE STORAGE
AREA

PAINTING AREA

500 GALLON
TANK

HAZARDOUS WASTE
SATELLITE STORAGE
BUILDING

SOLVENT
RECYCLER

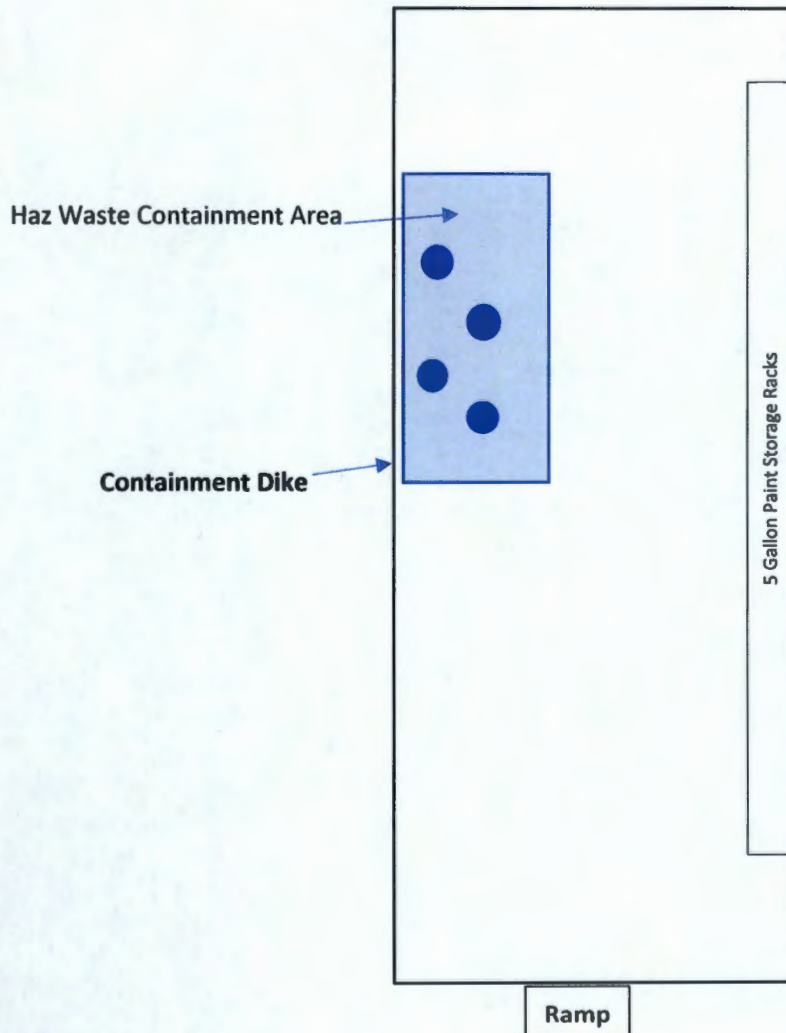
STENCIL AREA

AMERICAN ENVIRONMENTAL ECOLOGY
2800 KELLY CREEK ROAD
ODENVILLE, ALABAMA 35120

Figure 5 - AREA B
Haz Waste Satellite Storage
FRIT CAR, INC.
BREWTON, ALABAMA

AREA E

Hazardous Waste Storage Building



Rubber Storage
Building

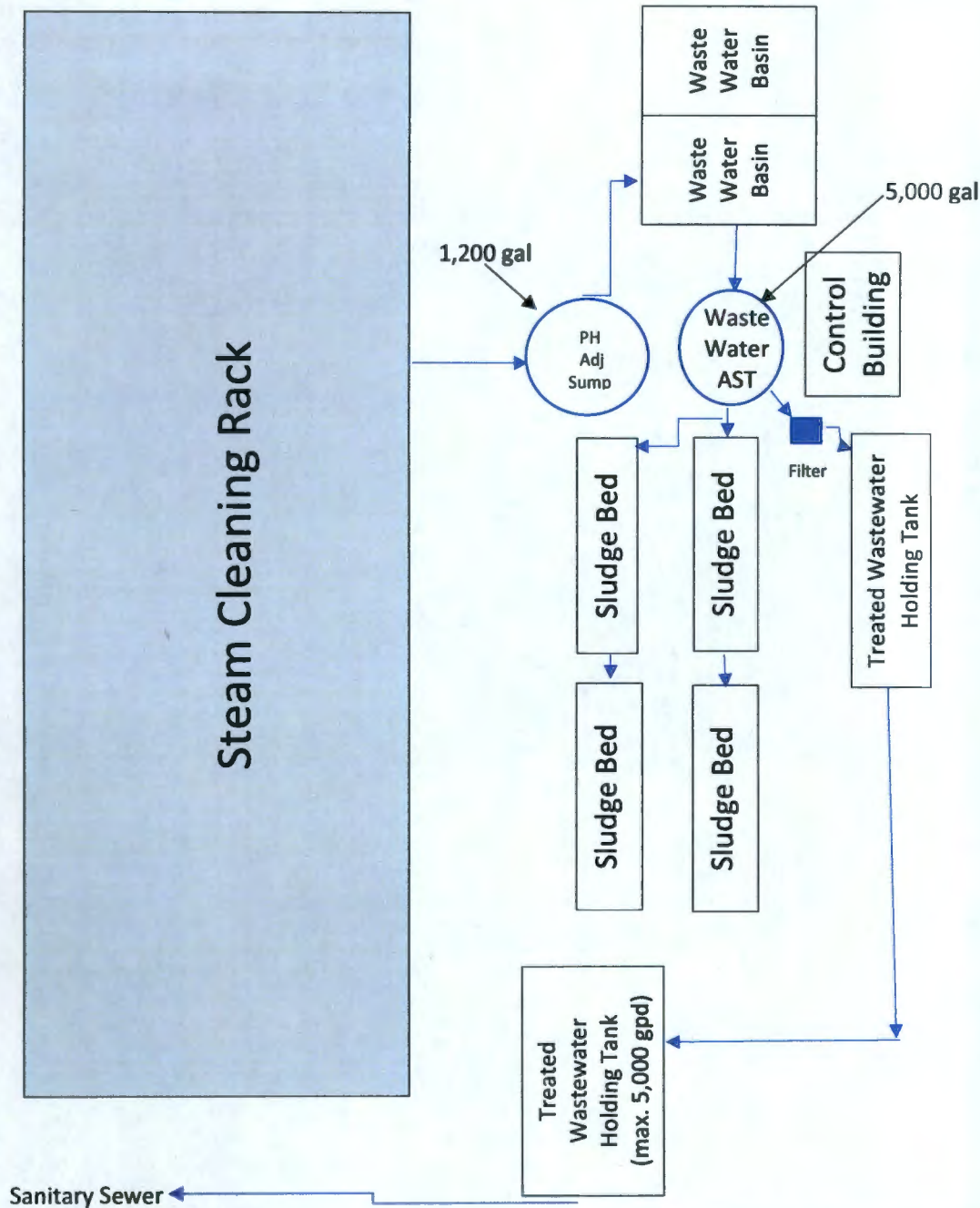
Not To scale

AMERICAN ENVIRONMENTAL ECOLOGY
2800 KELLY CREEK ROAD
ODENVILLE, ALABAMA 35120

Figure 8 - AREA E
Hazardous Waste Storage Building
FRIT CAR, INC.
BREWTON, ALABAMA

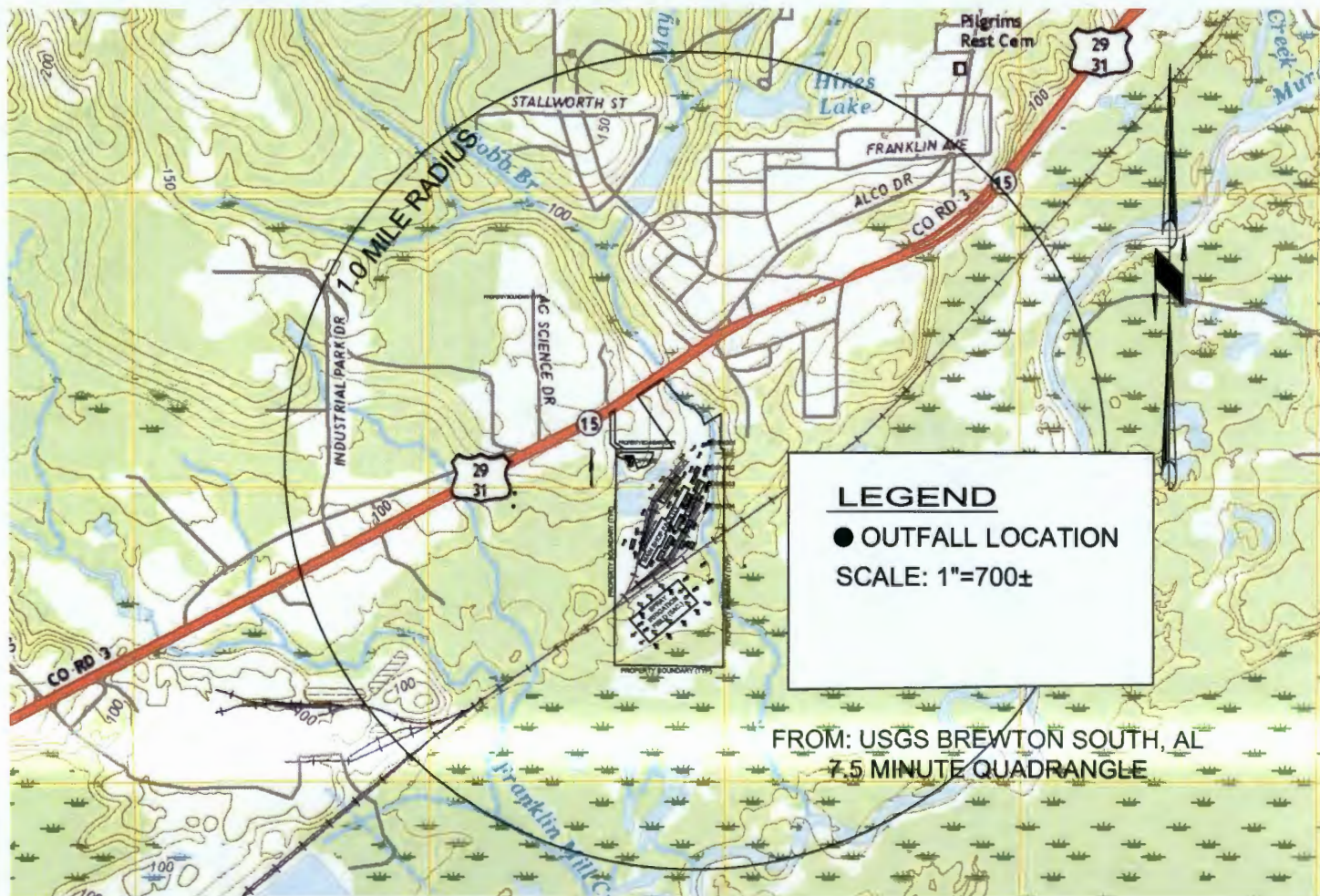
AREA C

WASTEWATER TREATMENT AREA



AMERICAN ENVIRONMENTAL ECOLOGY
2800 KELLY CREEK ROAD
ODENVILLE, ALABAMA 35120

FIGURE 6 - AREA C
WASTEWATER TREATMENT
PROCESS FLOW DIAGRAM
FRIT CAR, INC.
BREWTON, ALABAMA



Notes:

REV: REVISIONS
 DATE:

FRIT CAR, INC.
 NPDES PERMIT RENEWAL
 1965 SOUTH BLVD.
 BREWTON, AL 36426

CHECKED:
 AMERICAN ENVIRONMENTAL ECOLOGY
 2800 KELLY CREEK ROAD
 ODENVILLE, AL 35120

FIGURE 1:
 TOPOGRAPHIC MAP

SCALE 1" = 700 ±	DATE 12/18/20	DRAWN [blank]	CHECKED [blank]
PROJECT NO. [blank]	DRAWING NO. [blank]	REVISIONS [blank]	

Delegation of Signatory Authority

Directions for Use:

1. This document may be used by a Responsible Official (as defined in 335-6-6-.09(1) or 335-6-5-.14(1)) to delegate signatory authority to an individual or position within an organization that has/have responsibility for the overall operation of the regulated facility or activity pursuant to the following regulations:

335-6-6-.09(2) [NPDES Permits]/335-6-5-.14(2) [State Indirect Discharge (SID) Permits]

All reports required by permits and other information requested by the Department shall be signed by a person described under paragraph 335-6-6-.09(1)/335-6-5-.14(1) or by a duly authorized representative of that person. A person is a duly authorized representative only if:

- (a) The authorization is made in writing by a person described in paragraph 335-6-6-.09(1)/335-6-5-.14(1);
 - (b) The authorization specifies either an individual or a position **having responsibility for the overall operation of the regulated facility or activity** and;
 - (c) The written authorization is submitted to the Department.
2. To sign this form as a Responsible Official, the person must be at a level of Vice President or higher, a Managing Member, a Partner, an Owner, or a Ranking Elected Official for the company/entity holding the permit or its parent company.
 3. All information requested must be provided.

A. Responsible Official (i.e. person delegating signatory rights):

Name	Title/Position	Company/Organization	Phone	Email
Jimmy Blankenship	Vice President	Frit Car, Inc.	251-867-7752	jblankenship@fritcar.com

B. Duly Authorized Representative (i.e. individual(s) or position (s) being delegated signatory authority):

Name	Title/Position	Company/Organization	Phone	Email
Joey Moffett	Environmental Manager	Frit Car, Inc.	251 867-7752	jmoффett@fritcar.com

C. NPDES or SID Permit Number(s) for which the delegation will apply (Note: if permit not issued yet, site name and location will suffice):

AL00404487

D. Certification:

I, the abovenamed Responsible Official, delegate the individual(s)/position(s) named above the authority to sign reports, notifications, and other information on my behalf for the permit(s)/site(s) listed above and certify that the individual(s)/position(s) named above has/have responsibility for the overall operation of the regulated facility or activity.



Responsible Official's Signature

12-29-2025

Date Signed

Note: If an individual or position listed above does NOT have responsibility for the overall operation of the regulated facility or activity, the delegation for that individual or position will NOT be honored by the Department. In addition, if the person signing this delegation does not meet the definition of Responsible Official in 335-6-6-.09(1) or 335-6-5-.14(1), this delegation will not be honored by the Department.

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	OMB No. 2040-0004 Expires 07/31/2026
---	---	--	---

Form 1 NPDES		U.S. Environmental Protection Agency Application for NPDES Permit to Discharge Wastewater GENERAL INFORMATION
--------------------	--	--

SECTION 1. ACTIVITIES REQUIRING AN NPDES PERMIT (40 CFR 122.21(F) AND (F)(1))

Activities Requiring an NPDES Permit	1.1	Applicants <i>Not Required</i> to Submit Form 1		
	1.1.1	Is the facility a new or existing publicly owned treatment works or has your permitting authority directed you to submit Form 2A? If yes, STOP. Do NOT complete Form 1. Complete Form 2A. If the facility is also a treatment works treating domestic sewage , you must also complete Form 2S.	☒ No	1.1.2 Is the facility a sludge-only facility (i.e., a facility that does not discharge wastewater to surface waters)? If yes, STOP. Do NOT complete Form 1. Complete Form 2S.
	1.2	Applicants <i>Required</i> to Submit Form 1		
	1.2.1	Is the facility a concentrated animal feeding operation or a concentrated aquatic animal production facility ? ☐ Yes → Complete Form 1 and Form 2B.	☒ No	1.2.2 Is the facility an existing manufacturing, commercial, mining, or silvicultural facility that is currently discharging process wastewater ? ☒ Yes → Complete Form 1 and Form 2C.
	1.2.3	Is the facility a new manufacturing, commercial, mining, or silvicultural facility that has not yet commenced to discharge ? ☐ Yes → Complete Form 1 and Form 2D.	☒ No	1.2.4 Is the facility a new or existing manufacturing, commercial, mining, or silvicultural facility that discharges only nonprocess wastewater ? ☐ Yes → Complete Form 1 and Form 2E.
	1.2.5	Is the facility a new or existing facility whose discharge is composed entirely of stormwater associated with industrial activity or whose discharge is composed of both stormwater and non-stormwater ? ☒ Yes → Complete Form 1 and Form 2F unless exempted by 40 CFR 122.26(b)(14)(x) or (b)(15).	☐ No	1.2.6 Is the facility a new or existing treatment works treating domestic sewage that discharges wastewater to surface waters? ☐ Yes → Complete Form 1, Form 2S, and any other applicable forms, as directed by your permitting authority.

SECTION 2. NAME, MAILING ADDRESS, AND LOCATION (40 CFR 122.21(F)(2))

Name, Mailing Address, and Location	2.1	Facility Name		
		Frit Car, Inc.		
	2.2	EPA Identification Number		
		ALD98177155		
	2.3	Facility Contact		
	Name (first and last) Jimmy Blankenship	Title Vice President	Phone number (251) 867-7752	
	Email address jblankenship@fritcar.com			

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	OMB No. 2040-0004 Expires 07/31/2026
---	---	--	---

Name, Mailing Address, and Location Continued	2.4	Facility Mailing Address		
		Street or P.O. box		
		P.O. B1340		
		City or town	State	ZIP code
		Brewton	Al.	36423
	2.5	Facility Location		
		Street, route number, or other specific identifier		
		1965 South Boulevard		
		County name	County code (if known)	
		Escambia	01053	
	City or town	State	ZIP code	
	Brewton	Alabama	36426	
SECTION 3. SIC AND NAICS CODES (40 CFR 122.21(F)(3))				
SIC and NAICS Codes	3.1	SIC Code(s)	Description (optional)	
		4789	Transportation Services - Railroad Car Repair	
	3.2	NAICS Code(s)	Description (optional)	
		488210	Locomotive and rail car repair	
SECTION 4. OPERATOR INFORMATION (40 CFR 122.21(F)(4))				
Operator Information	4.1	Name of Operator		
		Frit Car, Inc.		
	4.2	Is the name you listed in Item 4.1 also the owner?		
		☒ Yes ☐ No		
	4.3	Operator Status		
		☐ Public—federal ☐ Public—state ☐ Other public (specify) _____ ☒ Private ☐ Other (specify) _____		
4.4	Phone Number of Operator			
	(251) 867-7752			

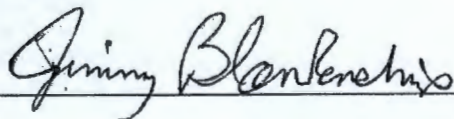
EPA Identification Number ALD98177155		NPDES Permit Number AL0040487		Facility Name Frit Car, Inc.		OMB No. 2040-0004 Expires 07/31/2026	
Operator Information Continued	4.5	Operator Address					
		Street or P.O. Box 1965 South Boulevard					
		City or town Brewton	State Alabama	ZIP code 36426			
		Email address of operator jblankenship@fritcar.com					
SECTION 5. INDIAN LAND (40 CFR 122.21(F)(5))							
Indian Land	5.1	Is the facility located on Indian Land? ☐ Yes ☒ No					
SECTION 6. EXISTING ENVIRONMENTAL PERMITS (40 CFR 122.21(F)(6))							
Existing Environmental Permits	6.1	Existing Environmental Permits (check all that apply and print or type the corresponding permit number for each)					
		☒ NPDES (discharges to surface water) AL0040487	☒ RCRA (hazardous wastes) ALD98177155	☐ UIC (underground injection of fluids)			
		☐ PSD (air emissions)	☐ Nonattainment program (CAA)	☒ NESHAPs (CAA) 502-0078			
		☐ Ocean dumping (MPRSA)	☐ Dredge or fill (CWA Section 404)	☐ Other (specify)			
SECTION 7. MAP (40 CFR 122.21(F)(7))							
Map	7.1	Have you attached a topographic map containing all required information to this application? (See instructions for specific requirements.) ☒ Yes ☐ CAFO—Not Applicable (See requirements in Form 2B.)					
SECTION 8. NATURE OF BUSINESS (40 CFR 122.21(F)(8))							
Nature of Business	8.1	Describe the nature of your business. Railroad car cleaning and repair.					
SECTION 9. COOLING WATER INTAKE STRUCTURES (40 CFR 122.21(F)(9))							
Cooling Water Intake Structures	9.1	Does your facility use cooling water? ☐ Yes ☒ No → SKIP to Item 10.1.					
	9.2	Identify the source of cooling water. (Note that facilities that use a cooling water intake structure as described at 40 CFR 125, Subparts I and J may have additional application requirements at 40 CFR 122.21(r). Consult with your NPDES permitting authority to determine what specific information needs to be submitted and when.)					

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	OMB No. 2040-0004 Expires 07/31/2026
--	----------------------------------	---------------------------------	---

SECTION 10. VARIANCE REQUESTS (40 CFR 122.21(F)(10))

Variance Requests	10.1	Do you intend to request or renew one or more of the variances authorized at 40 CFR 122.21(m)? (Check all that apply. Consult with your NPDES permitting authority to determine what information needs to be submitted and when.)	
	☐	Fundamentally different factors (CWA Section 301(n))	☐ Water quality related effluent limitations (CWA Section 302(b)(2))
	☐	Non-conventional pollutants (CWA Section 301(c) and (g))	☐ Thermal discharges (CWA Section 316(a))
	☒	Not applicable	

SECTION 11. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(A) AND (D))

Checklist and Certification Statement	11.1	In Column 1 below, mark the sections of Form 1 that you have completed and are submitting with your application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to provide attachments.	
		Column 1	Column 2
	☒	Section 1: Activities Requiring an NPDES Permit	☐ w/ attachments
	☒	Section 2: Name, Mailing Address, and Location	☐ w/ attachments
	☒	Section 3: SIC Codes	☐ w/ attachments
	☒	Section 4: Operator Information	☐ w/ attachments
	☒	Section 5: Indian Land	☐ w/ attachments
	☒	Section 6: Existing Environmental Permits	☐ w/ attachments
	☒	Section 7: Map	☒ w/ topographic map ☐ w/ additional attachments
	☒	Section 8: Nature of Business	☐ w/ attachments
	☐	Section 9: Cooling Water Intake Structures	☐ w/ attachments
	☐	Section 10.: Variance Requests	☐ w/ attachments
	☒	Section 11: Checklist and Certification Statement	☐ w/ attachments
	11.2	Provide the following certification. (See instructions to determine the appropriate person to sign the application.)	
Certification Statement <i>I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.</i>			
Name (print or type first and last name) JIMMY BLANKENSHIP		Official title VICE PRESIDENT	
Signature 		Date signed 12-29-2025	

EPA Identification Number ALD98177155		NPDES Permit Number AI0040487		Facility Name Frit Car, Inc.		OMB No. 2040-0004 Expires 07/31/2026	
Form 2C NPDES		U.S. Environmental Protection Agency Application for NPDES Permit to Discharge Wastewater EXISTING MANUFACTURING, COMMERCIAL, MINING, AND SILVICULTURE OPERATIONS					
SECTION 1. OUTFALL LOCATION (40 CFR 122.21(G)(1))							
Outfall Location	1.1	Provide information on each of the facility's outfalls in the table below.					
	Outfall Number	Receiving Water Name	Latitude		Longitude		
	DSN001	COBB BRANCH	31.085895		87.094839		
	DSN002	COBB BRANCH	31.085107		87.094850		
	DSN003	COBB BRANCH	31.084569		87.094845		
SECTION 2. LINE DRAWING (40 CFR 122.21(G)(2))							
Line Drawing	2.1	Have you attached a line drawing to this application that shows the water flow through your facility with a water balance? (See instructions for drawing requirements. See Exhibit 2C-1 at end of instructions for example.) ☒ Yes					
SECTION 3. AVERAGE FLOWS AND TREATMENT (40 CFR 122.21(G)(3))							
Average Flows and Treatment	3.1	For each outfall identified under Item 1.1, provide average flow and treatment information. Add additional sheets if necessary.					
	Outfall Number DSN001						
	Operations Contributing to Flow						
	Operation					Average Flow	
	Stormwater only-no process or treatment flows					N/A mgd	
						mgd	
						mgd	
						mgd	
	Treatment Units						
	Description (include size, flow rate through each treatment unit, retention time, etc.)					Code from Exhibit 2C-2	Final Disposal of Solid or Liquid Wastes Other Than by Discharge
General rail car storage and ammonia burner area					4-A	N/A	

EPA Identification Number ALD98177155		NPDES Permit Number AL0040487		Facility Name Frit Car, Inc.		OMB No. 2040-0004 Expires 07/31/2026	
Form 2C NPDES		U.S. Environmental Protection Agency Application for NPDES Permit to Discharge Wastewater EXISTING MANUFACTURING, COMMERCIAL, MINING, AND SILVICULTURE OPERATIONS					
SECTION 1. OUTFALL LOCATION (40 CFR 122.21(G)(1))							
Outfall Location	<u>1.1</u>	Provide information on each of the facility's outfalls in the table below.					
	Outfall Number	Receiving Water Name	Latitude		Longitude		
	DSN004	COBB BRANCH	31.083915		87.095006		
SECTION 2. LINE DRAWING (40 CFR 122.21(G)(2))							
Line Drawing	<u>2.1</u>	Have you attached a line drawing to this application that shows the water flow through your facility with a water balance? (See instructions for drawing requirements. See Exhibit 2C-1 at end of instructions for example.) ☐ Yes					
SECTION 3. AVERAGE FLOWS AND TREATMENT (40 CFR 122.21(G)(3))							
Average Flows and Treatment	<u>3.1</u>	For each outfall identified under Item 1.1, provide average flow and treatment information. Add additional sheets if necessary.					
	Outfall Number DSN004						
	Operations Contributing to Flow						
	Operation			Average Flow			
	Stormwater only-no process or treatment flows			N/A mgd			
				mgd			
				mgd			
				mgd			
	Treatment Units						
	Description (include size, flow rate through each treatment unit, retention time, etc.)			Code from Exhibit 2C-2		Final Disposal of Solid or Liquid Wastes Other Than by Discharge	
	Steam & Maintenance Racks, Fuel Storage & Rubber Repair			4 - A		N/A	

EPA Identification Number ALD98177155		NPDES Permit Number AI0040487	Facility Name Frit Car, Inc.	OMB No. 2040-0004 Expires 07/31/2026
--	--	----------------------------------	---------------------------------	---

Average Flows and Treatment Continued	3.1 cont.	**Outfall Number** DSN002		
		Operations Contributing to Flow		
		Operation	Average Flow	
		Stormwater only-no process or treatment flows	N/A mgd	
			mgd	
			mgd	
			mgd	
		Treatment Units		
		Description (include size, flow rate through each treatment unit, retention time, etc.)	Code from Exhibit 2C-2	Final Disposal of Solid or Liquid Wastes Other Than by Discharge
		Stormwater from areas B,C, D and E including the	4-A	N/A
		Paint Shop, Hazardous Waste Storage and Wastewater		
		Treatment Area		
		Outfall Number DSN003		
	Operations Contributing to Flow			
	Operation	Average Flow		
	Stormwater only-no process or treatment flows	N/A mgd		
		mgd		
		mgd		
	mgd			
Treatment Units				
Description (include size, flow rate through each treatment unit, retention time, etc.)	Code from Exhibit 2C-2	Final Disposal of Solid or Liquid Wastes Other Than by Discharge		
Stormwater from Area A -The maintenance and fuel	4-A	N/A		
storage areas.				
System Users	3.2	Are you applying for an NPDES permit to operate a privately owned treatment works? ☐ Yes ☒ No → SKIP to Section 4.		
	3.3	Have you attached a list that identifies each user of the treatment works? ☐ Yes		

EPA Identification Number ALD98177155	NPDES Permit Number AI0040487	Facility Name Frit Car, Inc.	OMB No. 2040-0004 Expires 07/31/2028
--	----------------------------------	---------------------------------	---

SECTION 4. INTERMITTENT FLOWS (40 CFR 122.21(G)(4))

Intermittent Flows	4.1	Except for storm runoff, leaks, or spills, are any discharges described in Sections 1 and 3 intermittent or seasonal? ☐ Yes ☒ No → SKIP to Section 5.					
	4.2	Provide information on intermittent or seasonal flows for each applicable outfall. Attach additional pages, if necessary.					
		Outfall Number	Operation (list)	Frequency		Flow Rate	
				Average Days/Week	Average Months/Year	Long-Term Average	Maximum Daily
				days/week	months/year	mgd	mgd
				days/week	months/year	mgd	mgd
				days/week	months/year	mgd	mgd
				days/week	months/year	mgd	mgd
				days/week	months/year	mgd	mgd
				days/week	months/year	mgd	mgd

SECTION 5. PRODUCTION (40 CFR 122.21(G)(5))

Applicable ELGs	5.1	Do any effluent limitation guidelines (ELGs) promulgated by EPA under Section 304 of the CWA apply to your facility? ☐ Yes ☒ No → SKIP to Section 6.		
	5.2	Provide the following information on applicable ELGs.		
		ELG Category	ELG Subcategory	Regulatory Citation
Production-Based Limitations	5.3	Are any of the applicable ELGs expressed in terms of production (or other measure of operation)? ☐ Yes ☐ No → SKIP to Section 6.		
	5.4	Provide an actual measure of daily production expressed in terms and units of applicable ELGs.		
		Outfall Number	Operation, Product, or Material	Quantity per Day
				Unit of Measure

EPA Identification Number ALD98177155	NPDES Permit Number AI0040487	Facility Name Frit Car, Inc.	OMB No. 2040-0004 Expires 07/31/2026
---	---	--	---

Upgrades and Improvements	<u>5.5</u>	Are you requesting alternative limits based on an anticipated increase in the actual production during the next permit term? (Consult with your NPDES permitting authority to determine what information needs to be submitted and when.)			
	☐ Yes ☐ No				
	SECTION 6. IMPROVEMENTS (40 CFR 122.21(G)(6))				
	<u>6.1</u>	Are you presently required by any federal, state, or local authority to meet an implementation schedule for constructing, upgrading, or operating wastewater treatment equipment or practices or any other environmental programs that could affect the discharges described in this application?			
	☐ Yes ☒ No → SKIP to Item 6.3.				
	<u>6.2</u>	Briefly identify each applicable project in the table below.			
		Brief Identification and Description of Project	Affected Outfalls (list outfall number)	Source(s) of Discharge	Final Compliance Dates Required Projected
	<u>6.3</u>	Have you attached sheets describing any additional water pollution control programs (or other environmental projects that may affect your discharges) that you now have underway or planned? (optional item)			
	☐ Yes ☐ No ☒ Not applicable				
SECTION 7. EFFLUENT AND INTAKE CHARACTERISTICS (40 CFR 122.21(G)(7))					
Effluent and Intake Characteristics	See the instructions to determine the pollutants and parameters you are required to monitor and, in turn, the tables you must complete. Not all applicants need to complete each table.				
	Table A. Conventional and Non-Conventional Pollutants				
	<u>7.1</u>	Are you requesting a waiver from your NPDES permitting authority for any Table A pollutants for any of your outfalls?			
	☐ Yes ☒ No → SKIP to Item 7.3.				
	<u>7.2</u>	If yes, indicate the applicable outfalls below or check the appropriate box to indicate that you are requesting a waiver for all outfalls. Attach waiver request and other required information to the application.			
	Outfall number _____ Outfall number _____ Outfall number _____				
	☐ I am requesting a waiver for some pollutants at all outfalls. ☐ I am requesting a waiver for all pollutants at all outfalls → SKIP to Item 7.4.				
<u>7.3</u>	Have you completed monitoring for all Table A pollutants at each of your outfalls for which a waiver has not been requested and attached the results to this application package?				
☒ Yes ☐ No					
Table B. Toxic Metals, Cyanide, Total Phenols, and Organic Toxic Pollutants					
<u>7.4</u>	Do any of the facility's processes that contribute wastewater fall into one or more of the primary industry categories listed in Exhibit 2C-3? (See end of instructions for exhibit)				
☒ Yes ☐ No → SKIP to Item 7.8.					
<u>7.5</u>	Have you checked "Testing Required" for all toxic metals, cyanide, and total phenols in Section 1 of Table B?				
☒ Yes ☐ No					

EPA Identification Number ALD98177155		NPDES Permit Number AI0040487	Facility Name Frit Car, Inc.	OMB No. 2040-0004 Expires 07/31/2026
--	--	----------------------------------	---------------------------------	---

Effluent and Intake Characteristics Continued	7.6	List the applicable primary industry categories and check the boxes indicating the required GC/MS fraction(s) identified in Exhibit 2C-3.																				
		<table border="1"> <thead> <tr> <th>Primary Industry Category</th> <th colspan="4">Required GC/MS Fraction(s) (check applicable boxes)</th> </tr> </thead> <tbody> <tr> <td>Adhesives and sealants</td> <td>☒ Volatile</td> <td>☒ Acid</td> <td>☒ Base/neutral</td> <td>☐ Pesticide</td> </tr> <tr> <td></td> <td>☐ Volatile</td> <td>☐ Acid</td> <td>☐ Base/neutral</td> <td>☐ Pesticide</td> </tr> <tr> <td></td> <td>☐ Volatile</td> <td>☐ Acid</td> <td>☐ Base/neutral</td> <td>☐ Pesticide</td> </tr> </tbody> </table>	Primary Industry Category	Required GC/MS Fraction(s) (check applicable boxes)				Adhesives and sealants	☒ Volatile	☒ Acid	☒ Base/neutral	☐ Pesticide		☐ Volatile	☐ Acid	☐ Base/neutral	☐ Pesticide		☐ Volatile	☐ Acid	☐ Base/neutral	☐ Pesticide
	Primary Industry Category	Required GC/MS Fraction(s) (check applicable boxes)																				
	Adhesives and sealants	☒ Volatile	☒ Acid	☒ Base/neutral	☐ Pesticide																	
		☐ Volatile	☐ Acid	☐ Base/neutral	☐ Pesticide																	
	☐ Volatile	☐ Acid	☐ Base/neutral	☐ Pesticide																		
7.7	Have you checked "Testing Required" for all required pollutants in Sections 2 through 5 of Table B for each of the GC/MS fractions checked in Item 7.6? ☒ Yes																					
7.8	Have you checked "Believed Present" or "Believed Absent" for all pollutants listed in Sections 1 through 5 of Table B where testing is not required? ☒ Yes																					
7.9	Have you provided (1) quantitative data for those Section 1, Table B, pollutants for which you have indicated testing is required or (2) quantitative data or other required information for those Section 1, Table B, pollutants that you have indicated are "Believed Present" in your discharge? ☒ Yes																					
7.10	Does the applicant qualify for a small business exemption under the criteria specified in the instructions? ☐ Yes → Note that you qualify at the top of Table B, then SKIP to Item 7.12. ☒ No																					
7.11	Have you provided (1) quantitative data for those Sections 2 through 5, Table B, pollutants for which you have determined testing is required or (2) quantitative data or an explanation for those Sections 2 through 5, Table B, pollutants you have indicated are "Believed Present" in your discharge? ☒ Yes																					
Table C. Certain Conventional and Non-Conventional Pollutants																						
7.12	Have you indicated whether pollutants are "Believed Present" or "Believed Absent" for all pollutants listed in Table C for all outfalls? ☒ Yes																					
7.13	Have you completed Table C by providing quantitative data for those pollutants that are limited either directly or indirectly in an ELG? You must provide quantitative data even if the pollutant is "Believed Absent." ☒ Yes ☐ Not applicable																					
7.14	Have you completed Table C by providing quantitative data or an explanation for those pollutants for which you have indicated "Believed Present"? ☒ Yes																					
Table D. Certain Hazardous Substances and Asbestos																						
7.15	Have you indicated whether pollutants are "Believed Present" or "Believed Absent" for all pollutants listed in Table D for all outfalls? ☒ Yes																					
7.16	Have you completed Table D by (1) describing the reasons the applicable pollutants are expected to be discharged and (2) providing quantitative data, if available? ☒ Yes ☐ No																					
Table E. 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (2,3,7,8-TCDD)																						
7.17	Does the facility use or manufacture one or more of the 2,3,7,8-TCDD congeners listed in the instructions, or do you know or have reason to believe that TCDD is or may be present in the effluent? ☐ Yes → Complete Table E. ☒ No → SKIP to Section 8.																					
7.18	Have you completed Table E by reporting <i>qualitative</i> data for TCDD? ☒ Yes																					

EPA Identification Number ALD98177155	NPDES Permit Number AI0040487	Facility Name Frit Car, Inc.	OMB No. 2040-0004 Expires 07/31/2028
---	---	--	---

SECTION 8. USED OR MANUFACTURED TOXICS (40 CFR 122.21(G)(9))

Used or Manufactured Toxics	<u>8.1</u>	Is any pollutant listed in Table B a substance or a component of a substance used or manufactured at your facility as an intermediate or final product or byproduct? ☒ Yes ☐ No → SKIP to Section 9.		
	<u>8.2</u>	List the pollutants below. Attach additional sheets, if necessary.		
	1. Phenol	4. Toluene	7.	
	2. Benzene	5.	8.	
	3. Ethylbenzene	6.	9.	

SECTION 9. BIOLOGICAL TOXICITY TESTS (40 CFR 122.21(G)(11))

Biological Toxicity Tests	<u>9.1</u>	Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made within the last three years on (1) any of your discharges or (2) a receiving water in relation to your discharge? ☐ Yes ☒ No → SKIP to Section 10.		
	<u>9.2</u>	Identify the tests and their purposes below.		
	Test(s)	Purpose of Test(s)	Submitted to NPDES Permitting Authority?	Date Submitted
			☐ Yes ☐ No	
			☐ Yes ☐ No	
			☐ Yes ☐ No	

SECTION 10. CONTRACT ANALYSES (40 CFR 122.21(G)(12))

Contract Analyses	<u>10.1</u>	Were any of the analyses reported in Section 7 performed by a contract laboratory or consulting firm? ☒ Yes ☐ No → SKIP to Section 11.		
	<u>10.2</u>	Provide information for each contract laboratory or consulting firm below.		
		Laboratory Number 1	Laboratory Number 2	Laboratory Number 3
	Name of laboratory/firm	Pace Analytical		
	Laboratory address	12065 Lebanon Road Mount Juliet, Tn. 37122		
	Phone number	(615) 758-5858		
	Pollutant(s) analyzed	All that apply to this site.		

EPA Identification Number ALD98177155	NPDES Permit Number AI0040487	Facility Name Frit Car, Inc.	OMB No. 2040-0004 Expires 07/31/2028
--	----------------------------------	---------------------------------	---

SECTION 11. ADDITIONAL INFORMATION (40 CFR 122.21(G)(13))

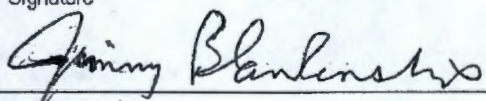
Additional Information	11.1	Has the NPDES permitting authority requested additional information?
		☐ Yes ☒ No → SKIP to Section 12.
	11.2	List the information requested and attach it to this application.
	1. 2. 3.	4. 5. 6.

SECTION 12. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(A) AND (D))

Checklist and Certification Statement	12.1	In Column 1 below, mark the sections of Form 2C that you have completed and are submitting with your application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to complete all sections or provide attachments.	
		Column 1	Column 2
	☒	Section 1: Outfall Location	☒ w/ attachments
	☒	Section 2: Line Drawing	☒ w/ line drawing ☐ w/ additional attachments
	☒	Section 3: Average Flows and Treatment	☒ w/ attachments ☐ w/ list of each user of privately owned treatment works
	☐	Section 4: Intermittent Flows	☐ w/ attachments
	☐	Section 5: Production	☐ w/ attachments
	☐	Section 6: Improvements	☐ w/ attachments ☐ w/ optional additional sheets describing any additional pollution control plans
	☒	Section 7: Effluent and Intake Characteristics	☐ w/ request for a waiver and supporting information ☐ w/ small business exemption request ☒ w/ Table A ☒ w/ Table B ☒ w/ Table C ☒ w/ Table D ☒ w/ Table E ☒ w/ analytical results as an attachment
	☐	Section 8: Used or Manufactured Toxics	☐ w/ attachments
	☐	Section 9: Biological Toxicity Tests	☐ w/ attachments
	☒	Section 10: Contract Analyses	☐ w/ attachments
	☐	Section 11: Additional Information	☐ w/ attachments
	☒	Section 12: Checklist and Certification Statement	☐ w/ attachments

EPA Identification Number ALD98177155	NPDES Permit Number AI0040487	Facility Name Frit Car, Inc.	OMB No. 2040-0004 Expires 07/31/2026
--	----------------------------------	---------------------------------	---

SECTION 12. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(a) and (d)) (Continued)

Checklist and Certification Statement	<u>12.2</u>	Provide the following certification. (See instructions to determine the appropriate person to sign the application.)	
		Certification Statement	
		<i>I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.</i>	
		Name (print or type first and last name)	Official title
	Jimmy Blankenship	Vice President	
	Signature	Date signed	
		12-30-2025	

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number DSNA 1
--	----------------------------------	---------------------------------	--------------------------

OMB No. 2040-0004
Expires 07/31/2028

TABLE A. CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(iii))¹

Pollutant				Effluent				Intake (optional)	
Waiver Requested (if applicable)		Units (specify)		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
☐ Check here if you have applied to your NPDES permitting authority for a waiver for all of the pollutants listed on this table for the noted outfall.									
1.	Biochemical oxygen demand (BOD ₅)	☐	Concentration						
			Mass						
2.	Chemical oxygen demand (COD)	☐	Concentration						
			Mass						
3.	Total organic carbon (TOC)	☐	Concentration						
			Mass						
4.	Total suspended solids (TSS)	☐	Concentration		53.2 mg/l		33.8mg/l	4	
			Mass						
5.	Ammonia (as N)	☐	Concentration		< 0.25 mg/l		< 0.25 mg/l	16	
			Mass						
6.	Flow	☐	Rate						
7.	Temperature (winter)	☐	°C	°C					
	Temperature (summer)	☐	°C	°C					
8.	pH (minimum)	☐	Standard units	S.U.	7.5			4	
	pH (maximum)	☐	Standard units	S.U.	8.2			4	

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

This page intentionally left blank.

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number DSNLA1
--	----------------------------------	---------------------------------	--------------------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
		Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
☐ Check here if you qualify as a small business per the instructions to Form 2C and, therefore, do not need to submit quantitative data for any of the organic toxic pollutants in Sections 2 through 5 of this table. Note, however, that you must still indicate in the appropriate column of this table if you believe any of the pollutants listed are present in your discharge.										
Section 1: Toxic Metals, Cyanide, and Total Phenols										
1.1 Antimony, total (7440-36-0)	☐	☐	☒	Concentration						
				Mass						
1.2 Arsenic, total (7440-38-2)	☐	☐	☒	Concentration						
				Mass						
1.3 Beryllium, total (7440-41-7)	☐	☐	☒	Concentration						
				Mass						
1.4 Cadmium, total (7440-43-9)	☐	☐	☒	Concentration						
				Mass						
1.5 Chromium, total (7440-47-3)	☐	☐	☒	Concentration						
				Mass						
1.6 Copper, total (7440-50-8)	☐	☐	☒	Concentration						
				Mass						
1.7 Lead, total (7439-92-1)	☐	☐	☒	Concentration						
				Mass						
1.8 Mercury, total (7439-97-6)	☐	☐	☒	Concentration						
				Mass						
1.9 Nickel, total (7440-02-0)	☐	☐	☒	Concentration						
				Mass						
1.10 Selenium, total (7782-49-2)	☐	☐	☒	Concentration						
				Mass						
1.11 Silver, total (7440-22-4)	☐	☐	☒	Concentration						
				Mass						

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outlet Number DSNIA1
--	----------------------------------	---------------------------------	-------------------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)		
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses	
1.12	Thallium, total (7440-28-0)	☐	☐	☒	Concentration							
					Mass							
1.13	Zinc, total (7440-66-6)	☐	☐	☒	Concentration							
					Mass							
1.14	Cyanide, total (57-12-5)	☐	☐	☒	Concentration							
					Mass							
1.15	Phenols, total	☐	☒	☐	Concentration	mg/l	0.407		<0.28	16		
					Mass							
Section 2: Organic Toxic Pollutants (GC/MS Fraction—Volatile Compounds)												
2.1	Acrolein (107-02-8)	☐	☐	☒	Concentration							
					Mass							
2.2	Acrylonitrile (107-13-1)	☐	☐	☒	Concentration							
					Mass							
2.3	Benzene (71-43-2)	☐	☐	☒	Concentration							
					Mass							
2.4	Bromoform (75-25-2)	☐	☐	☒	Concentration							
					Mass							
2.5	Carbon tetrachloride (56-23-5)	☐	☐	☒	Concentration							
					Mass							
2.6	Chlorobenzene (108-90-7)	☐	☐	☒	Concentration							
					Mass							
2.7	Chlorodibromomethane (124-48-1)	☐	☐	☒	Concentration							
					Mass							
2.8	Chloroethane (75-00-3)	☐	☐	☒	Concentration							
					Mass							

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number DSNLA1
--	----------------------------------	---------------------------------	--------------------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
2.9	2-chloroethylvinyl ether (110-75-8)	☐	☐	☒	Concentration						
					Mass						
2.10	Chloroform (67-66-3)	☐	☐	☒	Concentration						
					Mass						
2.11	Dichlorobromomethane (75-27-4)	☐	☐	☒	Concentration						
					Mass						
2.12	1,1-dichloroethane (75-34-3)	☐	☐	☒	Concentration						
					Mass						
2.13	1,2-dichloroethane (107-06-2)	☐	☐	☒	Concentration						
					Mass						
2.14	1,1-dichloroethylene (75-35-4)	☐	☐	☒	Concentration						
					Mass						
2.15	1,2-dichloropropane (78-87-5)	☐	☐	☒	Concentration						
					Mass						
2.16	1,3-dichloropropylene (542-75-6)	☐	☐	☒	Concentration						
					Mass						
2.17	Ethylbenzene (100-41-4)	☐	☐	☒	Concentration						
					Mass						
2.18	Methyl bromide (74-83-9)	☐	☐	☒	Concentration						
					Mass						
2.19	Methyl chloride (74-87-3)	☐	☐	☒	Concentration						
					Mass						
2.20	Methylene chloride (75-09-2)	☐	☐	☒	Concentration						
					Mass						
2.21	1,1,2,2-tetrachloroethane (79-34-5)	☐	☐	☒	Concentration						
					Mass						

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outlet Number DSNLA1
--	----------------------------------	---------------------------------	-------------------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
2.22	Tetrachloroethylene (127-18-4)	☐	☐	☒	Concentration Mass						
2.23	Toluene (108-88-3)	☐	☐	☒	Concentration Mass						
2.24	1,2-trans-dichloroethylene (156-60-5)	☐	☐	☒	Concentration Mass						
2.25	1,1,1-trichloroethane (71-55-6)	☐	☐	☒	Concentration Mass						
2.26	1,1,2-trichloroethane (79-00-5)	☐	☐	☒	Concentration Mass						
2.27	Trichloroethylene (79-01-6)	☐	☐	☒	Concentration Mass						
2.28	Vinyl chloride (75-01-4)	☐	☐	☒	Concentration Mass						
Section 3: Organic Toxic Pollutants (GC/MS Fraction—Acid Compounds)											
3.1	2-chlorophenol (95-57-8)	☐	☐	☒	Concentration Mass						
3.2	2,4-dichlorophenol (120-83-2)	☐	☐	☒	Concentration Mass						
3.3	2,4-dimethylphenol (105-67-9)	☐	☐	☒	Concentration Mass						
3.4	4,6-dinitro-o-cresol (534-52-1)	☐	☐	☒	Concentration Mass						
3.5	2,4-dinitrophenol (51-28-5)	☐	☐	☒	Concentration Mass						

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number DSNLA1
--	----------------------------------	---------------------------------	--------------------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
3.6	2-nitrophenol (88-75-5)	☐	☐	☒	Concentration						
					Mass						
3.7	4-nitrophenol (100-02-7)	☐	☐	☒	Concentration						
					Mass						
3.8	p-chloro-m-cresol (59-50-7)	☐	☐	☒	Concentration						
					Mass						
3.9	Pentachlorophenol (87-86-5)	☐	☐	☒	Concentration						
					Mass						
3.10	Phenol (108-95-2)	☐	☒	☐	Concentration	mg/l	0.407	< 0.028	16		
					Mass						
3.11	2,4,6-trichlorophenol (88-05-2)	☐	☐	☒	Concentration						
					Mass						
Section 4. Organic Toxic Pollutants (GC/MS Fraction—Base/Neutral Compounds)											
4.1	Acenaphthene (83-32-9)	☐	☐	☒	Concentration						
					Mass						
4.2	Acenaphthylene (208-96-8)	☐	☐	☒	Concentration						
					Mass						
4.3	Anthracene (120-12-7)	☐	☐	☒	Concentration						
					Mass						
4.4	Benzidine (92-87-5)	☐	☐	☒	Concentration						
					Mass						
4.5	Benzo (a) anthracene (56-55-3)	☐	☐	☒	Concentration						
					Mass						
4.6	Benzo (a) pyrene (50-32-8)	☐	☐	☒	Concentration						
					Mass						

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number DSNLA1
--	----------------------------------	---------------------------------	--------------------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
4.7	3,4-benzofluoranthene (205-99-2)	☐	☐	☒	Concentration Mass						
4.8	Benzo (ghi) perylene (191-24-2)	☐	☐	☒	Concentration Mass						
4.9	Benzo (k) fluoranthene (207-08-9)	☐	☐	☒	Concentration Mass						
4.10	Bis (2-chloroethoxy) methane (111-91-1)	☐	☐	☒	Concentration Mass						
4.11	Bis (2-chloroethyl) ether (111-44-4)	☐	☐	☒	Concentration Mass						
4.12	Bis (2-chloroisopropyl) ether (102-80-1)	☐	☐	☒	Concentration Mass						
4.13	Bis (2-ethylhexyl) phthalate (117-81-7)	☐	☐	☒	Concentration Mass						
4.14	4-bromophenyl phenyl ether (101-55-3)	☐	☐	☒	Concentration Mass						
4.15	Butyl benzyl phthalate (85-68-7)	☐	☐	☒	Concentration Mass						
4.16	2-chloronaphthalene (91-58-7)	☐	☐	☒	Concentration Mass						
4.17	4-chlorophenyl phenyl ether (7005-72-3)	☐	☐	☒	Concentration Mass						
4.18	Chrysene (218-01-9)	☐	☐	☒	Concentration Mass						
4.19	Dibenzo (a,h) anthracene (53-70-3)	☐	☐	☒	Concentration Mass						

EPA Identification Number ALD98177155	NPDES Permit Number A10040487	Facility Name Frit Car, Inc.	Outfall Number DSNLA1
--	----------------------------------	---------------------------------	--------------------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))											
	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
4.20	1,2-dichlorobenzene (95-50-1)	☐	☐	☒	Concentration Mass						
4.21	1,3-dichlorobenzene (541-73-1)	☐	☐	☒	Concentration Mass						
4.22	1,4-dichlorobenzene (106-46-7)	☐	☐	☒	Concentration Mass						
4.23	3,3-dichlorobenzidine (91-94-1)	☐	☐	☒	Concentration Mass						
4.24	Diethyl phthalate (84-66-2)	☐	☐	☒	Concentration Mass						
4.25	Dimethyl phthalate (131-11-3)	☐	☐	☒	Concentration Mass						
4.26	Di-n-butyl phthalate (84-74-2)	☐	☐	☒	Concentration Mass						
4.27	2,4-dinitrotoluene (121-14-2)	☐	☐	☒	Concentration Mass						
4.28	2,6-dinitrotoluene (606-20-2)	☐	☐	☒	Concentration Mass						
4.29	Di-n-octyl phthalate (117-84-0)	☐	☐	☒	Concentration Mass						
4.30	1,2-Diphenylhydrazine (as azobenzene) (122-66-7)	☐	☐	☒	Concentration Mass						
4.31	Fluoranthene (206-44-0)	☐	☐	☒	Concentration Mass						
4.32	Fluorene (86-73-7)	☐	☐	☒	Concentration Mass						

EPA Identification Number ALD98177155	NPDES Permit Number A10040487	Facility Name Frit Car, Inc.	Outfall Number DSNLA1
--	----------------------------------	---------------------------------	--------------------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
4.33	Hexachlorobenzene (118-74-1)	☐	☐	☒	Concentration Mass						
4.34	Hexachlorobutadiene (87-68-3)	☐	☐	☒	Concentration Mass						
4.35	Hexachlorocyclopentadiene (77-47-4)	☐	☐	☒	Concentration Mass						
4.36	Hexachloroethane (67-72-1)	☐	☐	☒	Concentration Mass						
4.37	Indeno (1,2,3-cd) pyrene (193-39-5)	☐	☐	☒	Concentration Mass						
4.38	Isophorone (78-59-1)	☐	☐	☒	Concentration Mass						
4.39	Naphthalene (91-20-3)	☐	☐	☒	Concentration Mass						
4.40	Nitrobenzene (98-95-3)	☐	☐	☒	Concentration Mass						
4.41	N-nitrosodimethylamine (62-75-9)	☐	☐	☒	Concentration Mass						
4.42	N-nitrosodi-n-propylamine (621-64-7)	☐	☐	☒	Concentration Mass						
4.43	N-nitrosodiphenylamine (86-30-6)	☐	☐	☒	Concentration Mass						
4.44	Phenanthrene (85-01-8)	☐	☐	☒	Concentration Mass						
4.45	Pyrene (129-00-0)	☐	☐	☒	Concentration Mass						

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number DSNLA1
--	----------------------------------	---------------------------------	--------------------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
4.46	1,2,4-trichlorobenzene (120-82-1)	☐	☐	☒	Concentration Mass						
Section 5: Organic Toxic Pollutants (GC/MS Fraction—Pesticides)											
5.1	Aldrin (309-00-2)	☐	☐	☒	Concentration Mass						
5.2	α -BHC (319-84-6)	☐	☐	☒	Concentration Mass						
5.3	β -BHC (319-85-7)	☐	☐	☒	Concentration Mass						
5.4	γ -BHC (58-89-9)	☐	☐	☒	Concentration Mass						
5.5	δ -BHC (319-86-8)	☐	☐	☒	Concentration Mass						
5.6	Chlordane (57-74-9)	☐	☐	☒	Concentration Mass						
5.7	4,4'-DDT (50-29-3)	☐	☐	☒	Concentration Mass						
5.8	4,4'-DDE (72-55-9)	☐	☐	☒	Concentration Mass						
5.9	4,4'-DDD (72-54-8)	☐	☐	☒	Concentration Mass						
5.10	Dieldrin (60-57-1)	☐	☐	☒	Concentration Mass						
5.11	α -endosulfan (115-29-7)	☐	☐	☒	Concentration Mass						

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number DSNLA1
--	----------------------------------	---------------------------------	--------------------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
5.12	β-endosulfan (115-29-7)	☐	☐	☒	Concentration						
					Mass						
5.13	Endosulfan sulfate (1031-07-8)	☐	☐	☒	Concentration						
					Mass						
5.14	Endrin (72-20-8)	☐	☐	☒	Concentration						
					Mass						
5.15	Endrin aldehyde (7421-93-4)	☐	☐	☒	Concentration						
					Mass						
5.16	Heptachlor (76-44-8)	☐	☐	☒	Concentration						
					Mass						
5.17	Heptachlor epoxide (1024-57-3)	☐	☐	☒	Concentration						
					Mass						
5.18	PCB-1242 (53469-21-9)	☐	☐	☒	Concentration						
					Mass						
5.19	PCB-1254 (11097-69-1)	☐	☐	☒	Concentration						
					Mass						
5.20	PCB-1221 (11104-28-2)	☐	☐	☒	Concentration						
					Mass						
5.21	PCB-1232 (11141-16-5)	☐	☐	☒	Concentration						
					Mass						
5.22	PCB-1248 (12672-29-6)	☐	☐	☒	Concentration						
					Mass						
5.23	PCB-1260 (11096-82-5)	☐	☐	☒	Concentration						
					Mass						
5.24	PCB-1016 (12674-11-2)	☐	☐	☒	Concentration						
					Mass						

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number DSNLA1
--	----------------------------------	---------------------------------	--------------------------

CMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
5.25	Toxaphene (8001-35-2)	☐	☐	☒	Concentration						
					Mass						

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

This page intentionally left blank.

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number
--	----------------------------------	---------------------------------	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))¹

Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
	Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
☐ Check here if you believe all pollutants in Table C to be present in your discharge from the noted outfall. You need <i>not</i> complete the "Presence or Absence" column of Table C for <i>each</i> pollutant.									
☐ Check here if you believe all pollutants in Table C to be absent in your discharge from the noted outfall. You need <i>not</i> complete the "Presence or Absence" column of Table C for <i>each</i> pollutant.									
1. Bromide (24959-67-9)	☐	☒	Concentration						
			Mass						
2. Chlorine, total residual	☒	☐	Concentration	mg/l	5.15		4.0	16	
			Mass						
3. Color	☐	☒	Concentration						
			Mass						
4. Fecal coliform	☐	☒	Concentration						
			Mass						
5. Fluoride (16984-48-8)	☐	☒	Concentration						
			Mass						
6. Nitrate-nitrite	☒	☐	Concentration	mg/l	0.717		< 0.422	16	
			Mass						
7. Nitrogen, total organic (as N)	☐	☒	Concentration						
			Mass						
8. Oil and grease	☐	☒	Concentration	mg/l	< 5.0		< 5.0	4	
			Mass						
9. Phosphorus (as P), total (7723-14-0)	☒	☐	Concentration	mg/l	6.3		1.61	4	
			Mass						
10. Sulfate (as SO ₄) (14808-79-8)	☐	☒	Concentration						
			Mass						
11. Sulfide (as S)	☐	☒	Concentration						
			Mass						

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Curtail Number
--	----------------------------------	---------------------------------	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))¹

	Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
		Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
12.	Sulfite (as SO ₃) (14285-45-3)	☐	☒	Concentration						
				Mass						
13.	Surfactants	☐	☒	Concentration						
				Mass						
14.	Aluminum, total (7429-90-5)	☐	☒	Concentration						
				Mass						
15.	Barium, total (7440-39-3)	☐	☒	Concentration						
				Mass						
16.	Boron, total (7440-42-8)	☐	☒	Concentration						
				Mass						
17.	Cobalt, total (7440-48-4)	☐	☒	Concentration						
				Mass						
18.	Iron, total (7439-89-6)	☒	☐	Concentration	mg/l	0.623	0.222	16		
				Mass						
19.	Magnesium, total (7439-95-4)	☐	☒	Concentration						
				Mass						
20.	Molybdenum, total (7439-98-7)	☐	☒	Concentration						
				Mass						
21.	Manganese, total (7439-96-5)	☐	☒	Concentration						
				Mass						
22.	Tin, total (7440-31-5)	☐	☒	Concentration						
				Mass						
23.	Titanium, total (7440-32-6)	☐	☒	Concentration						
				Mass						

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number
--	----------------------------------	---------------------------------	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))¹

Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)		
	Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses	
24. Radioactivity										
Alpha, total	☐	☒	Concentration							
			Mass							
Beta, total	☐	☒	Concentration							
			Mass							
Radium, total	☐	☒	Concentration							
			Mass							
Radium 226, total	☐	☒	Concentration							
			Mass							

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

This page intentionally left blank.

EPA Identification Number ALD98177155	NPDES Permit Number ALD040487	Facility Name Frit Car, Inc.	Outfall Number
--	----------------------------------	---------------------------------	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))¹

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
1.	Asbestos	☐	☒		
2.	Acetaldehyde	☐	☒		
3.	Allyl alcohol	☐	☒		
4.	Allyl chloride	☐	☒		
5.	Amyl acetate	☐	☒		
6.	Aniline	☐	☒		
7.	Benzonitrile	☐	☒		
8.	Benzyl chloride	☐	☒		
9.	Butyl acetate	☐	☒		
10.	Butylamine	☐	☒		
11.	Captan	☐	☒		
12.	Carbaryl	☐	☒		
13.	Carbofuran	☐	☒		
14.	Carbon disulfide	☐	☒		
15.	Chlorpyrifos	☐	☒		
16.	Coumaphos	☐	☒		
17.	Cresol	☐	☒		
18.	Crotonaldehyde	☐	☒		
19.	Cyclohexane	☐	☒		

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number
--	----------------------------------	---------------------------------	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))¹

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
20.	2,4-D (2,4-dichlorophenoxyacetic acid)	☐	☒		
21.	Diazinon	☐	☒		
22.	Dicamba	☐	☒		
23.	Dichlobenil	☐	☒		
24.	Dichlone	☐	☒		
25.	2,2-dichloropropionic acid	☐	☒		
26.	Dichlorvos	☐	☒		
27.	Diethyl amine	☐	☒		
28.	Dimethyl amine	☐	☒		
29.	Dinitrobenzene	☐	☒		
30.	Diquat	☐	☒		
31.	Disulfoton	☐	☒		
32.	Diuron	☐	☒		
33.	Epichlorohydrin	☐	☒		
34.	Ethion	☐	☒		
35.	Ethylene diamine	☐	☒		
36.	Ethylene dibromide	☐	☒		
37.	Formaldehyde	☐	☒		
38.	Furfural	☐	☒		

EPA Identification Number ALD98177155	NPDES Permit Number A10040487	Facility Name Frit Car, Inc.	Outfall Number
--	----------------------------------	---------------------------------	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))¹

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
39.	Guthion	☐	☒		
40.	Isoprene	☐	☒		
41.	Isopropanolamine	☐	☒		
42.	Kelthane	☐	☒		
43.	Kepone	☐	☒		
44.	Malathion	☐	☒		
45.	Mercaptodimethur	☐	☒		
46.	Methoxychlor	☐	☒		
47.	Methyl mercaptan	☐	☒		
48.	Methyl methacrylate	☐	☒		
49.	Methyl parathion	☐	☒		
50.	Mevinphos	☐	☒		
51.	Mexacarbate	☐	☒		
52.	Monocethyl amine	☐	☒		
53.	Monomethyl amine	☐	☒		
54.	Naled	☐	☒		
55.	Naphthenic acid	☐	☒		
56.	Nitrotoluene	☐	☒		
57.	Parathion	☐	☒		

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number
--	----------------------------------	---------------------------------	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))¹

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
58.	Phenolsulfonate	☐	☒		
59.	Phosgene	☐	☒		
60.	Propargite	☐	☒		
61.	Propylene oxide	☐	☒		
62.	Pyrethrins	☐	☒		
63.	Quindline	☐	☒		
64.	Resorcinol	☐	☒		
65.	Strontium	☐	☒		
66.	Strychnine	☐	☒		
67.	Styrene	☐	☒		
68.	2,4,5-T (2,4,5-trichlorophenoxyacetic acid)	☐	☒		
69.	TDE (tetrachlorodiphenyl ethane)	☐	☒		
70.	2,4,5-TP [2-(2,4,5-trichlorophenoxy) propanoic acid]	☐	☒		
71.	Trichlorofon	☐	☒		
72.	Triethanolamine	☐	☒		
73.	Triethylamine	☐	☒		
74.	Trimethylamine	☐	☒		
75.	Uranium	☐	☒		
76.	Vanadium	☐	☒		

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number
--	----------------------------------	---------------------------------	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))¹

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
77.	Vinyl acetate	☐	☒		
78.	Xylene	☐	☒		
79.	Xylenol	☐	☒		
80.	Zirconium	☐	☒		

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

This page intentionally left blank.

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number
--	----------------------------------	---------------------------------	----------------

OMB No. 2040-0004
Expires 07/31/2028

TABLE E. 2,3,7,8 TETRACHLORODIBENZO P DIOXIN (2,3,7,8 TCDD) (40 CFR 122.21(g)(7)(viii))

Pollutant	TCDD Congeners Used or Manufactured	Presence or Absence (check one)		Results of Screening Procedure
		Believed Present	Believed Absent	
2,3,7,8-TCDD	☐	☐	☒	

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	OMB No. 2040-0004 Expires 07/31/2026
--	----------------------------------	---------------------------------	---

Form 2F NPDES		U.S. Environmental Protection Agency Application for NPDES Permit to Discharge Wastewater STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY
---------------------	---	--

SECTION 1. OUTFALL LOCATION (40 CFR 122.21(G)(1))

Outfall Location	1.1	Provide information on each of the facility's outfalls in the table below			
	Outfall Number	Receiving Water Name	Latitude	Longitude	
	DSN001	COBB BRANCH	31.085895	87.094839	
	DSN002	COBB BRANCH	31.085107	87.094850	
	DSN003	COBB BRANCH	31.084569	87.094845	
	DSN004	COBB BRANCH	31.083915	87.095006	

SECTION 2. IMPROVEMENTS (40 CFR 122.21(G)(6))

Improvements	2.1	Are you presently required by any federal, state, or local authority to meet an implementation schedule for constructing, upgrading, or operating wastewater treatment equipment or practices or any other environmental programs that could affect the discharges described in this application? ☐ Yes ☒ No → SKIP to Section 3.				
	2.2	Briefly identify each applicable project in the table below.				
	Brief Identification and Description of Project	Affected Outfalls (list outfall numbers)	Source(s) of Discharge	Final Compliance Dates		
				Required	Projected	
2.3	Have you attached sheets describing any additional water pollution control programs (or other environmental projects that may affect your discharges) that you now have underway or planned? (optional item) ☐ Yes ☐ No					

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.
--	----------------------------------	---------------------------------

OMB No. 2040-0004
Expires 07/31/2026

SECTION 3. SITE DRAINAGE MAP (40 CFR 122.26(C)(1)(I)(A))

Site Drainage Map	<u>3.1</u>	Have you attached a site drainage map containing all required information to this application? (See instructions for specific guidance.)
	☒	Yes

SECTION 4. POLLUTANT SOURCES (40 CFR 122.26(C)(1)(I)(B))

Pollutant Sources	<u>4.1</u>	Provide information on the facility's pollutant sources in the table below.				
		Outfall Number	Impervious Surface Area (within a mile radius of the facility)		Total Surface Area Drained (within a mile radius of the facility)	
		DSN001	3,348	specify units SQ.YDS.	43,348	specify units SQ.YDS.
		DSN002	13,920	specify units SQ.YDS.	13,920	specify units SQ.YDS.
		DSN003	13,920	specify units SQ.YDS.	13,920	specify units SQ.YDS.
		DSN004	17,500	specify units SQ.YDS.	17,500	specify units SQ.YDS.
				specify units		specify units
				specify units		specify units
	<u>4.2</u>	Provide a narrative description of the facility's significant material in the space below. (See instructions for content requirements.)				
		*(See attached descriptions of Material and Waste Management Areas in Figures 3 through 8)				
	<u>4.3</u>	Provide the location and a description of existing structural and non-structural control measures to reduce pollutants in stormwater runoff. (See instructions for specific guidance.)				
		Stormwater Treatment				
		Outfall Number	Control Measures and Treatment			Codes from Exhibit 2F-1 (US)
		DSN001	Railcar Storage & Ammonia Burner Areas - BMP & SPCC Plans, Training, Insp. & Maintenance			4 - A
		DSN002	Maintenance Shop, Waste Storage & Paint Shop, Enclosures, Diking, Same as above.			4 - A
	DSN003	Steam and Maintenance Racks and Fuel Storage. Same as above.			4 - A	
	DSN004	Steam and Maintenance Racks, Rubber Lining Removal & Fuel Storage. Same as above.			4 - A	

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.
--	----------------------------------	---------------------------------

OMB No. 2040-0004
Expires 07/31/2026

SECTION 5. NON STORMWATER DISCHARGES (40 CFR 122.26(C)(1)(I)(C))

Non-Stormwater Discharges	5.1	Provide the following certification. (See instructions to determine the appropriate person to sign the application.) <i>I certify under penalty of law that the outfall(s) covered by this application have been tested or evaluated for the presence of non-stormwater discharges. Moreover, I certify that the outfalls identified as having non-stormwater discharges are described in either an accompanying NPDES Form 2C, 2D, or 2E application.</i>			
		Name (print or type first and last name)	Official title		
		Jimmy Blankenship	Vice President		
		Signature	Date signed		
		<i>Jimmy Blankenship</i>	12-29-2025		
	5.2	Provide the testing information requested in the table below.			
		Outfall Number	Description of Testing Method Used	Date(s) of Testing	Onsite Drainage Points Directly Observed During Test
		DSN001	EPA Methods 2540, 1664A, 365.4, 200.7 & 8260 B	12/03/2025	YES
		DSN002	EPA Methods 2540, 1664A, 365.4, 200.7 & 8260 B	12/03/2025	YES
		DSN003	EPA Methods 2540, 1664A, 365.4, 200.7 & 8260 B	12/03/2025	YES
	DSN004	EPA Methods 2540, 1664A, 365.4, 200.7 & 8260 B	12/03/2025	YES	

SECTION 6. SIGNIFICANT LEAKS OR SPILLS (40 CFR 122.26(C)(1)(I)(D))

Significant Leaks or Spills	6.1	Describe any significant leaks or spills of toxic or hazardous pollutants in the last three years. N/A

SECTION 7. DISCHARGE INFORMATION (40 CFR 122.26(C)(1)(I)(E))

Discharge Information	See the instructions to determine the pollutants and parameters you are required to monitor and, in turn, the tables you must complete. Not all applicants need to complete each table.	
	7.1	Is this a new source or new discharge?
		☐ Yes → See instructions regarding submission of estimated data. ☒ No → See instructions regarding submission of actual data.
	Tables A, B, C, and D	
	7.2	Have you completed Table A for each outfall?
		☒ Yes

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.
--	----------------------------------	---------------------------------

OMB No. 2040-0004
Expires 07/31/2026

Discharge Information Continued	<u>7.3</u>	Is the facility subject to an effluent limitation guideline (ELG) or effluent limitations in an NPDES permit for its process wastewater? ☐ Yes ☐ No → SKIP to Item 7.5.
	<u>7.4</u>	Have you completed Table B by providing quantitative data for those pollutants that are (1) limited either directly or indirectly in an ELG and/or (2) subject to effluent limitations in an NPDES permit for the facility's process wastewater? ☐ Yes
	<u>7.5</u>	Do you know or have reason to believe any pollutants in Exhibit 2F-2 are present in the discharge? ☒ Yes ☐ No → SKIP to Item 7.7.
	<u>7.6</u>	Have you listed all pollutants in Exhibit 2F-2 that you know or have reason to believe are present in the discharge and provided quantitative data or an explanation for those pollutants in Table C? ☒ Yes
	<u>7.7</u>	Do you qualify for a small business exemption under the criteria specified in the Instructions? ☐ Yes → SKIP to Item 7.18. ☒ No
	<u>7.8</u>	Do you know or have reason to believe any pollutants in Exhibit 2F-3 are present in the discharge? ☒ Yes ☐ No → SKIP to Item 7.10.
	<u>7.9</u>	Have you listed all pollutants in Exhibit 2F-3 that you know or have reason to believe are present in the discharge in Table C? ☒ Yes
	<u>7.10</u>	Do you expect any of the pollutants in Exhibit 2F-3 to be discharged in concentrations of 10 ppb or greater? ☒ Yes ☐ No → SKIP to Item 7.12.
	<u>7.11</u>	Have you provided quantitative data in Table C for those pollutants in Exhibit 2F-3 that you expect to be discharged in concentrations of 10 ppb or greater? ☒ Yes
	<u>7.12</u>	Do you expect acrolein, acrylonitrile, 2,4-dinitrophenol, or 2-methyl-4,6-dinitrophenol to be discharged in concentrations of 100 ppb or greater? ☐ Yes ☒ No → SKIP to Item 7.14.
	<u>7.13</u>	Have you provided quantitative data in Table C for the pollutants identified in Item 7.12 that you expect to be discharged in concentrations of 100 ppb or greater? ☐ Yes
	<u>7.14</u>	Have you provided quantitative data or an explanation in Table C for pollutants you expect to be present in the discharge at concentrations less than 10 ppb (or less than 100 ppb for the pollutants identified in Item 7.12)? ☒ Yes
<u>7.15</u>	Do you know or have reason to believe any pollutants in Exhibit 2F-4 are present in the discharge? ☐ Yes ☒ No → SKIP to Item 7.17.	

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	OMB No. 2040-0004 Expires 07/31/2026
--	----------------------------------	---------------------------------	---

Discharge Information Continued	7.16	Have you listed pollutants in Exhibit 2F-4 that you know or believe to be present in the discharge and provided an explanation in Table C?									
		☐ Yes									
	7.17	Have you provided information for the storm event(s) sampled in Table D?									
		☒ Yes									
Used or Manufactured Toxics											
	7.18	Is any pollutant listed on Exhibits 2F-2 through 2F-4 a substance or a component of a substance used or manufactured as an intermediate or final product or byproduct?									
		☒ Yes ☐ No → SKIP to Section 8.									
	7.19	List the pollutants below, including TCDD if applicable. Attach additional sheets, if necessary.									
		<table border="0"> <tr> <td>1. Benzene</td> <td>4. Xylene</td> <td>7.</td> </tr> <tr> <td>2. Toluene</td> <td>5. Naphthalene</td> <td>8.</td> </tr> <tr> <td>3. Ethylbenzene</td> <td>6.</td> <td>9.</td> </tr> </table>	1. Benzene	4. Xylene	7.	2. Toluene	5. Naphthalene	8.	3. Ethylbenzene	6.	9.
1. Benzene	4. Xylene	7.									
2. Toluene	5. Naphthalene	8.									
3. Ethylbenzene	6.	9.									

SECTION 8. BIOLOGICAL TOXICITY TESTING DATA (40 CFR 122.21(G)(11))

Biological Toxicity Testing Data	8.1	Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last three years?															
		☐ Yes ☒ No → SKIP to Section 9.															
	8.2	Identify the tests and their purposes below.															
		<table border="1"> <thead> <tr> <th>Test(s)</th> <th>Purpose of Test(s)</th> <th>Submitted to NPDES Permitting Authority?</th> <th>Date Submitted</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>☐ Yes ☐ No</td> <td></td> </tr> <tr> <td></td> <td></td> <td>☐ Yes ☐ No</td> <td></td> </tr> <tr> <td></td> <td></td> <td>☐ Yes ☐ No</td> <td></td> </tr> </tbody> </table>	Test(s)	Purpose of Test(s)	Submitted to NPDES Permitting Authority?	Date Submitted			☐ Yes ☐ No				☐ Yes ☐ No				☐ Yes ☐ No
Test(s)	Purpose of Test(s)	Submitted to NPDES Permitting Authority?	Date Submitted														
		☐ Yes ☐ No															
		☐ Yes ☐ No															
		☐ Yes ☐ No															

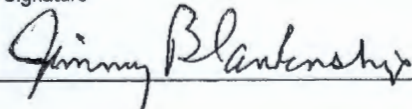
SECTION 9. CONTRACT ANALYSIS INFORMATION (40 CFR 122.21(G)(12))

Contract Analysis Information	9.1	Were any of the analyses reported in Section 7 (in Tables A through C) performed by a contract laboratory or consulting firm?																				
		☒ Yes ☐ No → SKIP to Section 10.																				
	9.2	Provide information for each contract laboratory or consulting firm below.																				
		<table border="1"> <thead> <tr> <th></th> <th>Laboratory Number 1</th> <th>Laboratory Number 2</th> <th>Laboratory Number 3</th> </tr> </thead> <tbody> <tr> <td>Name of laboratory/firm</td> <td>Pace Analytical</td> <td></td> <td></td> </tr> <tr> <td>Laboratory address</td> <td>12065 Lebanon Road Mount Juliet, Tn 37122</td> <td></td> <td></td> </tr> <tr> <td>Phone number</td> <td>(615) 758-5858</td> <td></td> <td></td> </tr> <tr> <td>Pollutant(s) analyzed</td> <td>pH, Suspended Solids, Oil & Grease, Phosphorus, Lead, BETX & Naphthalene.</td> <td></td> <td></td> </tr> </tbody> </table>		Laboratory Number 1	Laboratory Number 2	Laboratory Number 3	Name of laboratory/firm	Pace Analytical			Laboratory address	12065 Lebanon Road Mount Juliet, Tn 37122			Phone number	(615) 758-5858			Pollutant(s) analyzed	pH, Suspended Solids, Oil & Grease, Phosphorus, Lead, BETX & Naphthalene.		
		Laboratory Number 1	Laboratory Number 2	Laboratory Number 3																		
	Name of laboratory/firm	Pace Analytical																				
Laboratory address	12065 Lebanon Road Mount Juliet, Tn 37122																					
Phone number	(615) 758-5858																					
Pollutant(s) analyzed	pH, Suspended Solids, Oil & Grease, Phosphorus, Lead, BETX & Naphthalene.																					

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.
--	----------------------------------	---------------------------------

OMB No. 2040-0004
Expires 07/31/2026

SECTION 10. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(A) AND (D))

Checklist and Certification Statement	10.1	In Column 1 below, mark the sections of Form 2F that you have completed and are submitting with your application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to complete all sections or provide attachments.	
		Column 1	Column 2
	☒ Section 1	☐ w/ attachments (e.g., responses for additional outfalls)	
	☐ Section 2	☐ w/ attachments	
	☒ Section 3	☐ w/ site drainage map	
	☒ Section 4	☐ w/ attachments	
	☒ Section 5	☐ w/ attachments	
	☐ Section 6	☐ w/ attachments	
	☒ Section 7	☒ Table A ☐ Table B ☒ Table C	☐ w/ small business exemption request ☒ w/ analytical results as an attachment ☐ Table D
	☐ Section 8	☐ w/ attachments	
	☐ Section 9	☐ w/ attachments (e.g., responses for additional contact laboratories or firms)	
	☐ Section 10		
10.2	Provide the following certification. (See instructions to determine the appropriate person to sign the application.)		
Certification Statement			
<i>I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.</i>			
Name (print or type first and last name)		Official title	
Jimmy Blankenship		Vice President	
Signature		Date signed	
		12-29-2025	

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number DSN001 *(See attached 2, 3, & 4.
--	----------------------------------	---------------------------------	--

OMB No. 2040-0004
Expires 07/31/2026

TABLE A. CONVENTIONAL AND NON CONVENTIONAL PARAMETERS (40 CFR 122.26(C)(1)(I)(E)(3))¹

You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details and requirements.

Pollutant or Parameter	Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only use codes in instructions)
	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
1. Oil and grease	< 5.9 mg/l		< 5.9 mg/l		4	
2. Biochemical oxygen demand (BOD ₅)	4.10 mg/l		4.10 mg/l		1	
3. Chemical oxygen demand (COD)	20.6 mg/l		20.6 mg/l		1	
4. Total suspended solids (TSS)	53.2 mg/l		33.8 mg/l		4	
5. Total phosphorus	6.3 mg/l		1.61 mg/l		4	
6. Total Kjeldahl nitrogen (TKN)	0.325 mg/l		0.325 mg/l		1	
7. Total nitrogen (as N)	0.501 mg/l		0.501 mg/l		1	
8. pH (minimum)	5.6 SU		7.4 SU		3	
pH (maximum)	9.7 SU		7.4 SU		3	

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number DSN001
--	----------------------------------	---------------------------------	--------------------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE A. CONVENTIONAL AND NON CONVENTIONAL PARAMETERS (40 CFR 122.26(C)(1)(I)(E)(3))¹

You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details and requirements.

Pollutant or Parameter		Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
		Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
1.	Oil and grease	< 5.9 mg/l		< 5.9 mg/l		4	
2.	Biochemical oxygen demand (BOD ₅)	4.10 mg/l		4.10 mg/l		1	
3.	Chemical oxygen demand (COD)	20.6 mg/l		20.6 mg/l		1	
4.	Total suspended solids (TSS)	53.2 mg/l		33.8 mg/l		4	
5.	Total phosphorus	6.3 mg/l		1.61 mg/l		4	
6.	Total Kjeldahl nitrogen (TKN)	0.325 mg/l		0.325 mg/l		1	
7.	Total nitrogen (as N)	0.501 mg/l		0.501 mg/l		1	
8.	pH (minimum)	5.6 SU		7.4 SU		3	
	pH (maximum)	9.7 SU		7.4 SU		3	

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number DSN002
--	----------------------------------	---------------------------------	--------------------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE A. CONVENTIONAL AND NON CONVENTIONAL PARAMETERS (40 CFR 122.26(C)(1)(I)(E)(3))¹

You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details and requirements.

Pollutant or Parameter	Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
1. Oil and grease	< 5.88 mg/l		< 5.88 mg/l		4	
2. Biochemical oxygen demand (BOD ₅)	4.10 mg/l		4.10 mg/l		1	
3. Chemical oxygen demand (COD)	20.6 mg/l		20.6 mg/l		1	
4. Total suspended solids (TSS)	134 mg/l		62.5 mg/l		4	
5. Total phosphorus	6.55 mg/l		3.02 mg/l		4	
6. Total Kjeldahl nitrogen (TKN)	0.325 mg/l		0.325 mg/l		1	
7. Total nitrogen (as N)	0.501 mg/l		0.501 mg/l		1	
8. pH (minimum)	5.6 SU		7.4 SU		3	
	9.7 SU		7.4 SU		3	

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number DSN003
--	----------------------------------	---------------------------------	--------------------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE A. CONVENTIONAL AND NON CONVENTIONAL PARAMETERS (40 CFR 122.26(C)(1)(i)(E)(3))¹

You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details and requirements.

Pollutant or Parameter	Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
1. Oil and grease	< 6.12 mg/l		< 6.12 mg/l		4	
2. Biochemical oxygen demand (BOD ₅)	3.4 mg/l		3.4 mg/l		1	
3. Chemical oxygen demand (COD)	38.9 mg/l		38.9 mg/l		1	
4. Total suspended solids (TSS)	277 mg/l		83.7 mg/l		4	
5. Total phosphorus	0.980 mg/l		0.222 mg/l		4	
6. Total Kjeldahl nitrogen (TKN)	0.829 mg/l		0.829 mg/l		1	
7. Total nitrogen (as N)	1.34 mg/l		1.34 mg/l		1	
8. pH (minimum)	6.3 SU		7.2 SU		3	
	7.9 SU		7.2 SU		3	

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility Name Frit Car, Inc.	Outfall Number DSN004
--	----------------------------------	---------------------------------	--------------------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE A. CONVENTIONAL AND NON CONVENTIONAL PARAMETERS (40 CFR 122.26(C)(1)(I)(E)(3))¹

You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details and requirements.

Pollutant or Parameter	Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
1. Oil and grease	< 7.46 mg/l		< 6.16 mg/l		4	
2. Biochemical oxygen demand (BOD ₅)	6.1 mg/l		6.1 mg/l		1	
3. Chemical oxygen demand (COD)	35.1 mg/l		35.1 mg/l		1	
4. Total suspended solids (TSS)	67.8 mg/l		27.5 mg/l		4	
5. Total phosphorus	0.614 mg/l		0.324 mg/l		4	
6. Total Kjeldahl nitrogen (TKN)	1.24 mg/l		1.24 mg/l		1	
7. Total nitrogen (as N)	1.57 mg/l		1.57 mg/l		1	
8. pH (minimum)	6.5 SU		7.1 SU		3	
	pH (maximum)		7.1 SU		3	

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

This page intentionally left blank.

This page intentionally left blank.

This page intentionally left blank.

EPA Identification Number ALD98177155	NPDES Permit Number AL0040487	Facility name Frit Car, Inc.	Outfall Number DSN001 *(See attached 2, 3, & 4.
--	----------------------------------	---------------------------------	--

OMB No. 2040-0004
Expires 07/31/2026

TABLE D. STORM EVENT INFORMATION (40 CFR 122.26(C)(1)(I)(E)(6))

Provide data for the storm event(s) that resulted in the maximum daily discharges for the flow-weighted composite sample.

Date of Storm Event	Duration of Storm Event (in hours)	Total Rainfall During Storm Event (in inches)	Number of Hours Between Beginning of Storm Measured and End of Previous Measurable Rain Event	Maximum Flow Rate During Rain Event (in gpm or specify units)	Total Flow from Rain Event (in gallons or specify units)

Provide a description of the method of flow measurement or estimate.

Additional Information
ADEM Supplementary Permit Application
Form 3510 – 2F

Section 4.2 – Waste Storage and Disposal Information

The following is a narrative description summarizing potential sources of storm water pollutants.

There are seven (7) areas currently identified where product handling and storage activities take place which have the potential for contaminating storm water:

1. **Storage Area A - Maintenance and Fuel Area:** There are two (2) secondary containment dikes located in this area. One (1) dike contains two (2) above ground storage tanks: one (1) 500 gallon tank which contains diesel fuel; and one (1) 250 gallon tank which contains waste oil. This dike also contains one (1) 55-gallon drum of waste oil. The secondary containment for the dike measures 9'4" x 13'6" x 1' deep and is constructed of concrete filled block walls on a concrete slab with a roof cover. The secondary containment for the dike measures 9'4" x 6'9" x 1' deep and is constructed of concrete filled block walls on a concrete slab with a roof cover. These tanks are diked and covered; therefore, the potential for storm water contamination is reduced or eliminated and the potential for storm water contamination is minimized during material transfer.
2. **Storage Area B - Hazardous Waste Satellite Storage Area:** This diked area is located inside a building that is attached to the paint and stencil area of the main building. This dike contains one (1) elevated 500 gallons thinner tank, a solvent recycling machine. The secondary containment measures 19'4" x 12'8" x 1'8" deep and is constructed of concrete filled block walls on a concrete slab foundation. Because this tank is diked and located inside a building the potential for storm water contamination is reduced or eliminated.
3. **Storage Area C - Waste Water Treatment Area:** In front of the sump area there is a gated area, which contains drums of water treatment chemicals. If a spill occurred the material would flow directly into the sump.

The treatment facility contains five (5) ASTs. Four (4) are located within a diked area; one (1) is located outside the diked area. Within the treatment facility there is a 5,000-gallon conical, vertical AST that contains untreated wastewater, a 500 gallon AST that contains lime, a 55-gallon polymer drum which is covered. The 12,000-gallon AST outside the diked area contains wastewater which has been treated for pH balance, before it goes to the sanitary Sewer. Leaks or spills occurring during material transfer from this AST would be carried to the sump.

There are two (2) sludge-drying beds associated with the treatment facility. The drying beds are underlain by concrete and the walls are made of concrete. There is no covering for the drying beds, therefore, during heavy rainfall water may overflow the beds and solids may be carried from the beds by storm water back into the treatment basins.

4. **Storage Area D Boiler Room Chemical Storage Area:** Boiler treatment chemicals are stored in this area inside a diked portion of the Boiler Room.
5. **Storage Area E Hazardous Material & Waste Storage Building Area:** The hazardous waste storage building is 75' x 30' x 8" deep. The hazardous waste drums (approximately eleven (11) 55-gallon drums) are located on the west side of the building. New paint storage is located on the east side of the building. The secondary containment is constructed of concrete filled block walls on a concrete slab foundation. Because these drums are diked and located inside a building the potential for storm water contamination is reduced or eliminated.
6. **Stencil, paint, blast, main shop and boiler maintenance buildings.** When bay doors are left open the potential for paint wastes, solvent wastes, shot blast, oils and greases to exit the buildings exists. Therefore, the potential for storm water contamination exists.
7. **Heavy equipment.** Frit Car maintains one (1) backhoe, one (1) yard crane, one (1) Ford 5000 tractor, three (3) forklifts, and two (2) train switch engines. Fuel, motor oil, and/or lubricating fluids leaking from this equipment can contaminate storm water.

Additional Information
ADEM Supplementary Permit Application
Form 3510 – 2F

The following is a narrative description summarizing locations of the ultimate disposal of site solid or liquid wastes by-products from any wastewater treatment systems located at the facility.

Description of Waste	Description of Ultimate Disposal
Wastewater treatment: < 5,000 gallons per day	City of Brewton – Sewer System
Drying Bed Sludge, 95% by weight sand; 24 ton quarterly	Republic Services
Waste Ammonia	Onsite Ammonia Burner
Waste LPG	Onsite Ammonia Burner



ANALYTICAL REPORT

January 12, 2024

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Frit Car Incorporated

Sample Delivery Group: L1693282
Samples Received: 01/04/2024
Project Number:
Description: Semi-Annual Stormwater

Report To: Mr. Joey Moffett
1965 South Blvd
Brewton, AL 36426

Entire Report Reviewed By:

Craig Cothron
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1693282

DATE/TIME:
01/12/24 07:20

PAGE:
1 of 17

TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	4
Sr: Sample Results	5
SW-1 L1693282-01	5
SW-2 L1693282-02	6
SW-3 L1693282-03	7
SW-4 L1693282-04	8
Qc: Quality Control Summary	9
Gravimetric Analysis by Method 2540 D-2015	9
Wet Chemistry by Method 1664A	11
Wet Chemistry by Method 365.4	12
Metals (ICP) by Method 200.7	13
Volatile Organic Compounds (GC/MS) by Method 8260B	14
Gl: Glossary of Terms	15
Al: Accreditations & Locations	16
Sc: Sample Chain of Custody	17

¹	Cp
²	Tc
³	Ss
⁴	Cn
⁵	Sr
⁶	Qc
⁷	Gl
⁸	Al
⁹	Sc

SAMPLE SUMMARY

SW-1 L1693282-01 WW

Collected by
Collected date/time
Received date/time

01/03/24 07:00 01/04/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 D-2015	WG2203167	1	01/10/24 17:48	01/10/24 19:58	MMF	Mt. Juliet, TN
Wet Chemistry by Method 1664A	WG2202349	1	01/06/24 15:44	01/06/24 21:54	DAL	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2201965	1	01/05/24 10:52	01/05/24 19:55	UNP	Mt. Juliet, TN
Metals (ICP) by Method 200.7	WG2201524	1	01/06/24 07:57	01/06/24 15:58	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2201982	1	01/07/24 16:21	01/07/24 16:21	ACG	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

SW-2 L1693282-02 WW

Collected by
Collected date/time
Received date/time

01/03/24 07:15 01/04/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 D-2015	WG2203165	1	01/09/24 18:48	01/09/24 18:52	DLS	Mt. Juliet, TN
Wet Chemistry by Method 1664A	WG2202349	1	01/06/24 15:44	01/06/24 21:54	DAL	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2201965	1	01/05/24 10:52	01/05/24 19:36	UNP	Mt. Juliet, TN
Metals (ICP) by Method 200.7	WG2201524	1	01/06/24 07:57	01/06/24 16:01	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2201982	1	01/07/24 16:43	01/07/24 16:43	ACG	Mt. Juliet, TN

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

SW-3 L1693282-03 WW

Collected by
Collected date/time
Received date/time

01/03/24 07:31 01/04/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 D-2015	WG2203165	1	01/09/24 18:48	01/09/24 18:52	DLS	Mt. Juliet, TN
Wet Chemistry by Method 1664A	WG2202349	1	01/06/24 15:44	01/06/24 21:54	DAL	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2201965	1	01/05/24 10:52	01/05/24 19:37	UNP	Mt. Juliet, TN
Metals (ICP) by Method 200.7	WG2201524	1	01/06/24 07:57	01/06/24 16:04	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2201982	1	01/07/24 17:04	01/07/24 17:04	ACG	Mt. Juliet, TN

⁹ Sc

SW-4 L1693282-04 WW

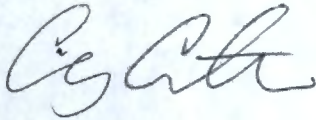
Collected by
Collected date/time
Received date/time

01/03/24 07:50 01/04/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 D-2015	WG2203165	1	01/09/24 18:48	01/09/24 18:52	DLS	Mt. Juliet, TN
Wet Chemistry by Method 1664A	WG2202349	1	01/06/24 15:44	01/06/24 21:54	DAL	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2201965	1	01/05/24 10:52	01/05/24 19:39	UNP	Mt. Juliet, TN
Metals (ICP) by Method 200.7	WG2201524	1	01/06/24 07:57	01/06/24 16:06	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2201982	1	01/07/24 17:26	01/07/24 17:26	ACG	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Craig Cothron
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

SW-1

SAMPLE RESULTS - 01

Collected date/time: 01/03/24 07:00

L1693282

Gravimetric Analysis by Method 2540 D-2015

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Suspended Solids	39.2	J3	5.00	1	01/10/2024 19:58	WG2203167

Wet Chemistry by Method 1664A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Oil & Grease (Hexane Extr)	ND		5.56	1	01/06/2024 21:54	WG2202349

Wet Chemistry by Method 365.4

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Phosphorus, Total	ND		0.100	1	01/05/2024 19:55	WG2201965

Metals (ICP) by Method 200.7

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Lead	ND		0.00500	1	01/06/2024 15:58	WG2201524

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	01/07/2024 16:21	WG2201982
Toluene	ND		0.00100	1	01/07/2024 16:21	WG2201982
Ethylbenzene	ND		0.00100	1	01/07/2024 16:21	WG2201982
Xylenes, Total	ND		0.00300	1	01/07/2024 16:21	WG2201982
Naphthalene	ND		0.00500	1	01/07/2024 16:21	WG2201982
(S) Toluene-d8	95.3		80.0-120		01/07/2024 16:21	WG2201982
(S) 4-Bromofluorobenzene	98.7		77.0-126		01/07/2024 16:21	WG2201982
(S) 1,2-Dichloroethane-d4	109		70.0-130		01/07/2024 16:21	WG2201982

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

SW-2

SAMPLE RESULTS - 02

Collected date/time: 01/03/24 07:15

L1693282

Gravimetric Analysis by Method 2540 D-2015

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	¹ Cp
Suspended Solids	134		10.0	1	01/09/2024 18:52	WG2203165	² Tc

Wet Chemistry by Method 1664A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	³ Ss
Oil & Grease (Hexane Extr)	ND		5.88	1	01/06/2024 21:54	WG2202349	⁴ Cn

Wet Chemistry by Method 365.4

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	⁵ Sr
Phosphorus, Total	0.645		0.100	1	01/05/2024 19:36	WG2201965	⁶ Qc

Metals (ICP) by Method 200.7

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	⁷ GI
Lead	0.00622		0.00500	1	01/06/2024 16:01	WG2201524	⁸ Al

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	⁹ Sc
Benzene	ND		0.00100	1	01/07/2024 16:43	WG2201982	
Toluene	ND		0.00100	1	01/07/2024 16:43	WG2201982	
Ethylbenzene	ND		0.00100	1	01/07/2024 16:43	WG2201982	
Xylenes, Total	ND		0.00300	1	01/07/2024 16:43	WG2201982	
Naphthalene	ND		0.00500	1	01/07/2024 16:43	WG2201982	
(S) Toluene-d8	93.9		80.0-120		01/07/2024 16:43	WG2201982	
(S) 4-Bromofluorobenzene	101		77.0-126		01/07/2024 16:43	WG2201982	
(S) 1,2-Dichloroethane-d4	112		70.0-130		01/07/2024 16:43	WG2201982	

SW-3

SAMPLE RESULTS - 03

Collected date/time: 01/03/24 07:31

L1693282

Gravimetric Analysis by Method 2540 D-2015

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Suspended Solids	7.60	P1	5.00	1	01/09/2024 18:52	WG2203165

1 Cp

2 Tc

Wet Chemistry by Method 1664A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Oil & Grease (Hexane Extr)	ND		5.88	1	01/06/2024 21:54	WG2202349

3 Ss

4 Cn

Wet Chemistry by Method 365.4

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Phosphorus, Total	0.188		0.100	1	01/05/2024 19:37	WG2201965

5 Sr

6 Qc

Metals (ICP) by Method 200.7

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Lead	ND		0.00500	1	01/06/2024 16:04	WG2201524

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	01/07/2024 17:04	WG2201982
Toluene	ND		0.00100	1	01/07/2024 17:04	WG2201982
Ethylbenzene	ND		0.00100	1	01/07/2024 17:04	WG2201982
Xylenes, Total	ND		0.00300	1	01/07/2024 17:04	WG2201982
Naphthalene	ND		0.00500	1	01/07/2024 17:04	WG2201982
(S) Toluene-d8	107		80.0-120		01/07/2024 17:04	WG2201982
(S) 4-Bromofluorobenzene	106		77.0-126		01/07/2024 17:04	WG2201982
(S) 1,2-Dichloroethane-d4	107		70.0-130		01/07/2024 17:04	WG2201982

SW-4

SAMPLE RESULTS - 04

Collected date/time: 01/03/24 07:50

L1693282

Gravimetric Analysis by Method 2540 D-2015

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Suspended Solids	5.40		2.50	1	01/09/2024 18:52	WG2203165

¹ Cp² Tc

Wet Chemistry by Method 1664A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Oil & Grease (Hexane Extr)	ND		5.88	1	01/06/2024 21:54	WG2202349

³ Ss⁴ Cn

Wet Chemistry by Method 365.4

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Phosphorus, Total	0.127		0.100	1	01/05/2024 19:39	WG2201965

⁵ Sr⁶ Qc

Metals (ICP) by Method 200.7

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Lead	ND		0.00500	1	01/06/2024 16:06	WG2201524

⁷ Gl⁸ Al

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	01/07/2024 17:26	WG2201982
Toluene	ND		0.00100	1	01/07/2024 17:26	WG2201982
Ethylbenzene	ND		0.00100	1	01/07/2024 17:26	WG2201982
Xylenes, Total	ND		0.00300	1	01/07/2024 17:26	WG2201982
Naphthalene	ND		0.00500	1	01/07/2024 17:26	WG2201982
(S) Toluene-d8	99.6		80.0-120		01/07/2024 17:26	WG2201982
(S) 4-Bromofluorobenzene	108		77.0-126		01/07/2024 17:26	WG2201982
(S) 1,2-Dichloroethane-d4	108		70.0-130		01/07/2024 17:26	WG2201982

⁹ Sc

WG2203165

Gravimetric Analysis by Method 2540 D-2015

QUALITY CONTROL SUMMARY

L1693282-02,03,04

Method Blank (MB)

(MB) R4021790-1 01/09/24 18:52

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Suspended Solids	U		2.50	2.50

L1693282-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1693282-02 01/09/24 18:52 • (DUP) R4021790-3 01/09/24 18:52

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Suspended Solids	134	133	1	1.20		5

L1693282-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1693282-03 01/09/24 18:52 • (DUP) R4021790-4 01/09/24 18:52

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Suspended Solids	7.60	6.60	1	14.1	P1	5

Laboratory Control Sample (LCS)

(LCS) R4021790-2 01/09/24 18:52

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Suspended Solids	773	772	99.9	85.0-115	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1693282DATE/TIME:
01/12/24 07:20PAGE:
9 of 17

WG2203167

QUALITY CONTROL SUMMARY

Gravimetric Analysis by Method 2540 D-2015

L1693282-01

Method Blank (MB)

(MB) R4022176-1 01/10/24 19:58

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Suspended Solids	U		2.50	2.50

L1693282-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1693282-01 01/10/24 19:58 • (DUP) R4022176-3 01/10/24 19:58

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Suspended Solids	39.2	44.8	1	13.3	J3	5

L1693433-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1693433-01 01/10/24 19:58 • (DUP) R4022176-4 01/10/24 19:58

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Suspended Solids	20.6	19.8	1	3.96		5

Laboratory Control Sample (LCS)

(LCS) R4022176-2 01/10/24 19:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Suspended Solids	773	748	96.8	85.0-115	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1693282DATE/TIME:
01/12/24 07:20P/GE:
10 of 17

WG2202349

QUALITY CONTROL SUMMARY

Wet Chemistry by Method 1664A

L1693282-01,02,03,04

Method Blank (MB)

(MB) R4020494-1 01/06/24 21:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Oil & Grease (Hexane Extr)	U		1.16	5.00

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4020494-2 01/06/24 21:54 • (LCSD) R4020494-3 01/06/24 21:54

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Oil & Grease (Hexane Extr)	40.0	37.6	38.2	94.0	95.5	78.0-114			1.58	20

L1693220-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1693220-01 01/06/24 21:54 • (MS) R4020494-4 01/06/24 21:54

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Oil & Grease (Hexane Extr)	40.0	ND	45.3	113	1	78.0-114	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1693282DATE/TIME:
01/12/24 07:20PAGE:
11 of 17

WG2201965

Wet Chemistry by Method 365.4

QUALITY CONTROL SUMMARY

L1693282-01.02,03,04

Method Blank (MB)

(MB) R4020377-1 01/05/24 19:21

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Phosphorus, Total	U		0.0350	0.100

L1693287-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1693287-01 01/05/24 19:40 • (DUP) R4020377-5 01/05/24 19:41

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Phosphorus, Total	0.369	0.374	1	1.35		20

L1693311-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1693311-01 01/05/24 19:56 • (DUP) R4020377-7 01/05/24 19:58

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Phosphorus, Total	12.0	12.1	5	0.833		20

Laboratory Control Sample (LCS)

(LCS) R4020377-2 01/05/24 19:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phosphorus, Total	3.42	3.21	93.9	85.0-115	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1693282DATE/TIME:
01/12/24 07:20PAGE:
12 of 17

WG2201524

QUALITY CONTROL SUMMARY

Metals (ICP) by Method 200.7

L1693282-01,02,03,04

Method Blank (MB)

(MB) R4020523-1 01/06/24 15:41

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Lead	U		0.00227	0.00500

Laboratory Control Sample (LCS)

(LCS) R4020523-2 01/06/24 15:44

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	1.00	1.01	101	85.0-115	

L1693276-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1693276-01 01/06/24 15:47 • (MS) R4020523-4 01/06/24 15:52 • (MSD) R4020523-5 01/06/24 15:55

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	1.00	ND	1.01	0.995	101	99.5	1	70.0-130			1.78	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:
Fritt Car Incorporated

PROJECT:

SDG:
L1693282DATE/TIME:
01/12/24 07:20PAGE:
13 of 17

WG2201982

QUALITY CONTROL SUMMARY

Volatile Organic Compounds (GC/MS) by Method 8260B

L1693282-01,02,03,04

Method Blank (MB)

(MB) R4021295-3 01/07/24 10:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Xylenes, Total	U		0.000174	0.00300
Naphthalene	U		0.00100	0.00500
(S) Toluene-d8	94.1			80.0-120
(S) 4-Bromofluorobenzene	108			77.0-126
(S) 1,2-Dichloroethane-d4	102			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4021295-1 01/07/24 09:49 • (LCSD) R4021295-2 01/07/24 10:11

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00467	0.00462	93.4	92.4	70.0-123			1.08	20
Toluene	0.00500	0.00493	0.00450	98.6	90.0	79.0-120			9.12	20
Ethylbenzene	0.00500	0.00559	0.00508	112	102	79.0-123			9.56	20
Xylenes, Total	0.0150	0.0162	0.0153	108	102	79.0-123			5.71	20
Naphthalene	0.00500	0.00473	0.00512	94.6	102	54.0-135			7.92	20
(S) Toluene-d8				98.5	95.6	80.0-120				
(S) 4-Bromofluorobenzene				103	102	77.0-126				
(S) 1,2-Dichloroethane-d4				110	110	70.0-130				

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1693282DATE/TIME:
01/12/24 07:20PAGE:
14 of 17

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

J3	The associated batch QC was outside the established quality control range for precision.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ GI

⁸ AI

⁹ Sc

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ²	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ¹	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	TN04704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA - ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA - ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

[illegible]



ANALYTICAL REPORT

November 19, 2024

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Frit Car Incorporated

Sample Delivery Group: L1798658
Samples Received: 11/12/2024
Project Number:
Description: Semi-Annual Stormwater

Report To: Mr. Joey Moffett
1965 South Blvd
Brewton, AL 36426

Entire Report Reviewed By:

Craig Cothron
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1798658

DATE/TIME:
11/19/24 18:24

PAGE:
1 of 17

TABLE OF CONTENTS

Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³ Ss
SW-1 L1798658-01	5	
SW-2 L1798658-02	6	⁴ Cn
SW-3 L1798658-03	7	
SW-4 L1798658-04	8	⁵ Sr
Qc: Quality Control Summary	9	⁶ Qc
Gravimetric Analysis by Method 2540 D-2020	9	
Wet Chemistry by Method 1664B	10	⁷ Gl
Wet Chemistry by Method 365.4	11	
Metals (ICP) by Method 200.7	12	⁸ Al
Volatile Organic Compounds (GC/MS) by Method 8260B	13	
Gl: Glossary of Terms	14	⁹ Sc
Al: Accreditations & Locations	15	
Sc: Sample Chain of Custody	16	

SAMPLE SUMMARY

SW-1 L1798658-01 WW

Collected by
11/11/24 08:45

Collected date/time
11/12/24 09:00

Received date/time

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 D-2020	WG2400510	1	11/12/24 23:04	11/13/24 14:50	JEG	Mt. Juliet, TN
Wet Chemistry by Method 1664B	WG2403190	1	11/17/24 08:26	11/17/24 14:03	TJL	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2401421	1	11/13/24 11:11	11/14/24 11:25	KMB	Mt. Juliet, TN
Metals (ICP) by Method 200.7	WG2401748	1	11/15/24 17:12	11/16/24 17:13	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2404024	1	11/19/24 04:50	11/19/24 04:50	JHH	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

SW-2 L1798658-02 WW

Collected by
11/11/24 08:30

Collected date/time
11/12/24 09:00

Received date/time

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 D-2020	WG2400510	1	11/12/24 23:04	11/13/24 14:50	JEG	Mt. Juliet, TN
Wet Chemistry by Method 1664B	WG2403190	1	11/17/24 08:26	11/17/24 14:03	TJL	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2401421	1	11/13/24 11:11	11/14/24 11:29	KMB	Mt. Juliet, TN
Metals (ICP) by Method 200.7	WG2401748	1	11/15/24 17:12	11/16/24 17:15	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2404024	1	11/19/24 05:12	11/19/24 05:12	JHH	Mt. Juliet, TN

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

SW-3 L1798658-03 WW

Collected by
11/11/24 09:00

Collected date/time
11/12/24 09:00

Received date/time

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 D-2020	WG2400510	1	11/12/24 23:04	11/13/24 14:50	JEG	Mt. Juliet, TN
Wet Chemistry by Method 1664B	WG2403190	1	11/17/24 08:26	11/17/24 14:03	TJL	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2401421	1	11/13/24 11:11	11/14/24 11:30	KMB	Mt. Juliet, TN
Metals (ICP) by Method 200.7	WG2401748	1	11/15/24 17:12	11/16/24 17:17	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2404024	1	11/19/24 05:34	11/19/24 05:34	JHH	Mt. Juliet, TN

⁹ Sc

SW-4 L1798658-04 WW

Collected by
11/11/24 09:15

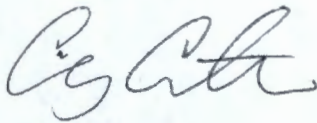
Collected date/time
11/12/24 09:00

Received date/time

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 D-2020	WG2400510	1	11/12/24 23:04	11/13/24 14:50	JEG	Mt. Juliet, TN
Wet Chemistry by Method 1664B	WG2403190	1	11/17/24 08:26	11/17/24 14:03	TJL	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2401421	1	11/13/24 11:11	11/14/24 11:31	KMB	Mt. Juliet, TN
Metals (ICP) by Method 200.7	WG2401748	1	11/15/24 17:12	11/16/24 17:18	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2404024	1	11/19/24 05:56	11/19/24 05:56	JHH	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Craig Cothron
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

SW-1

SAMPLE RESULTS - 01

Collected date/time: 11/11/24 08:45

L1798658

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Suspended Solids	8.00		2.50	1	11/13/2024 14:50	WG2400510

1 Cp

2 Tc

Wet Chemistry by Method 1664B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Oil & Grease (Hexane Extr)	ND		5.00	1	11/17/2024 14:03	WG2403190

3 Ss

4 Cn

Wet Chemistry by Method 365.4

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Phosphorus, Total	ND		0.100	1	11/14/2024 11:25	WG2401421

5 Sr

6 Qc

Metals (ICP) by Method 200.7

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Lead	ND		0.00500	1	11/16/2024 17:13	WG2401748

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	11/19/2024 04:50	WG2404024
Toluene	ND		0.00100	1	11/19/2024 04:50	WG2404024
Ethylbenzene	ND		0.00100	1	11/19/2024 04:50	WG2404024
Xylenes, Total	ND		0.00300	1	11/19/2024 04:50	WG2404024
Naphthalene	ND		0.00500	1	11/19/2024 04:50	WG2404024
(S) Toluene-d8	107		80.0-120		11/19/2024 04:50	WG2404024
(S) 4-Bromofluorobenzene	104		77.0-126		11/19/2024 04:50	WG2404024
(S) 1,2-Dichloroethane-d4	116		70.0-130		11/19/2024 04:50	WG2404024

SW-2

SAMPLE RESULTS - 02

Collected date/time: 11/11/24 08:30

L1798658

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Suspended Solids	52.3		11.4	1	11/13/2024 14:50	WG2400510

1 Cp

2 Tc

Wet Chemistry by Method 1664B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Oil & Grease (Hexane Extr)	ND		5.05	1	11/17/2024 14:03	WG2403190

3 Ss

4 Cn

Wet Chemistry by Method 365.4

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Phosphorus, Total	4.87		0.100	1	11/14/2024 11:29	WG2401421

5 Sr

6 Qc

Metals (ICP) by Method 200.7

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Lead	ND		0.00500	1	11/16/2024 17:15	WG2401748

7 GI

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	11/19/2024 05:12	WG2404024
Toluene	ND		0.00100	1	11/19/2024 05:12	WG2404024
Ethylbenzene	ND		0.00100	1	11/19/2024 05:12	WG2404024
Xylenes, Total	ND		0.00300	1	11/19/2024 05:12	WG2404024
Naphthalene	ND		0.00500	1	11/19/2024 05:12	WG2404024
(S) Toluene-d8	112		80.0-120		11/19/2024 05:12	WG2404024
(S) 4-Bromofluorobenzene	96.4		77.0-126		11/19/2024 05:12	WG2404024
(S) 1,2-Dichloroethane-d4	117		70.0-130		11/19/2024 05:12	WG2404024

SW-3

SAMPLE RESULTS - 03

Collected date/time: 11/11/24 09:00

L1798658

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Suspended Solids	277		25.0	1	11/13/2024 14:50	WG2400510

1 Cp

2 Tc

Wet Chemistry by Method 1664B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Oil & Grease (Hexane Extr)	ND		5.05	1	11/17/2024 14:03	WG2403190

3 Ss

4 Cn

Wet Chemistry by Method 365.4

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Phosphorus, Total	0.980		0.100	1	11/14/2024 11:30	WG2401421

5 Sr

6 Qc

Metals (ICP) by Method 200.7

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Lead	ND		0.00500	1	11/16/2024 17:17	WG2401748

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	11/19/2024 05:34	WG2404024
Toluene	ND		0.00100	1	11/19/2024 05:34	WG2404024
Ethylbenzene	ND		0.00100	1	11/19/2024 05:34	WG2404024
Xylenes, Total	ND		0.00300	1	11/19/2024 05:34	WG2404024
Naphthalene	ND		0.00500	1	11/19/2024 05:34	WG2404024
(S) Toluene-d8	138	J1	80.0-120		11/19/2024 05:34	WG2404024
(S) 4-Bromofluorobenzene	137	J1	77.0-126		11/19/2024 05:34	WG2404024
(S) 1,2-Dichloroethane-d4	115		70.0-130		11/19/2024 05:34	WG2404024

SW-4

SAMPLE RESULTS - 04

Collected date/time: 11/11/24 09:15

L1798658

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Suspended Solids	15.0		2.78	1	11/13/2024 14:50	WG2400510

1 Cp

2 Tc

Wet Chemistry by Method 1664B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Oil & Grease (Hexane Extr)	ND		5.00	1	11/17/2024 14:03	WG2403190

3 Ss

4 Cn

Wet Chemistry by Method 365.4

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Phosphorus, Total	0.239	B	0.100	1	11/14/2024 11:31	WG2401421

5 Sr

6 Qc

Metals (ICP) by Method 200.7

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Lead	ND		0.00500	1	11/16/2024 17:18	WG2401748

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	11/19/2024 05:56	WG2404024
Toluene	ND		0.00100	1	11/19/2024 05:56	WG2404024
Ethylbenzene	ND		0.00100	1	11/19/2024 05:56	WG2404024
Xylenes, Total	ND		0.00300	1	11/19/2024 05:56	WG2404024
Naphthalene	ND		0.00500	1	11/19/2024 05:56	WG2404024
(S) Toluene-d8	117		80.0-120		11/19/2024 05:56	WG2404024
(S) 4-Bromofluorobenzene	122		77.0-126		11/19/2024 05:56	WG2404024
(S) 1,2-Dichloroethane-d4	116		70.0-130		11/19/2024 05:56	WG2404024

WG2400510

Gravimetric Analysis by Method 2540 D-2020

QUALITY CONTROL SUMMARY

L1798658-01,02,03,04

Method Blank (MB)

(MB) R4146532-1 11/13/24 14:50

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Suspended Solids	U		0.283	2.50

L1798609-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1798609-01 11/13/24 14:50 • (DUP) R4146532-3 11/13/24 14:50

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Suspended Solids	78.3	73.3	1	6.59		10

L1798658-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1798658-02 11/13/24 14:50 • (DUP) R4146532-4 11/13/24 14:50

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Suspended Solids	52.3	51.8	1	0.865		10

Laboratory Control Sample (LCS)

(LCS) R4146532-2 11/13/24 14:50

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Suspended Solids	773	732	94.7	85.0-115	

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
ScACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1798658DATE/TIME:
11/19/24 18:24PAGE:
9 of 17

WG2403190

Wet Chemistry by Method 1664B

QUALITY CONTROL SUMMARY

L1798658-01,02,03,04

Method Blank (MB)

(MB) R4146988-1 11/17/24 14:03

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Oil & Grease (Hexane Extr)	U		1.40	5.00

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4146988-2 11/17/24 14:03 • (LCSD) R4146988-3 11/17/24 14:03

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Oil & Grease (Hexane Extr)	40.0	40.4	41.2	101	103	78.0-114			1.96	20

L1798777-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1798777-01 11/17/24 14:03 • (MS) R4146988-4 11/17/24 14:03

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Oil & Grease (Hexane Extr)	40.0	ND	30.4	76.0	1	78.0-114	J6

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
ScACCOUNT:
Frit Cer Incorporated

PROJECT:

SDG:
L1798658DATE/TIME:
11/19/24 18:24PAGE:
10 of 17

WG2401421

Wet Chemistry by Method 365.4

QUALITY CONTROL SUMMARY

L1798658-01,02,03,04

Method Blank (MB)

(MB) R4145926-1 11/14/24 11:13

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Phosphorus, Total	0.0552	J	0.00373	0.100

L1798374-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1798374-01 11/14/24 11:16 • (DUP) R4145926-3 11/14/24 11:17

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Phosphorus, Total	ND	ND	1	64.6	P1	20

L1798732-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1798732-03 11/14/24 11:35 • (DUP) R4145926-6 11/14/24 11:36

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Phosphorus, Total	ND	ND	1	37.6	P1	20

Laboratory Control Sample (LCS)

(LCS) R4145926-2 11/14/24 11:15

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phosphorus, Total	4.30	3.93	91.4	85.0-115	

L1798374-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1798374-01 11/14/24 11:16 • (MS) R4145926-4 11/14/24 11:18 • (MSD) R4145926-5 11/14/24 11:20

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Phosphorus, Total	2.50	ND	2.42	2.43	93.1	93.5	1	90.0-110			0.412	20

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1798658DATE/TIME:
11/19/24 18:24PAGE:
11 of 17

WG2401748

Metals (ICP) by Method 200.7

QUALITY CONTROL SUMMARY

L1798658-01.02.03.04

Method Blank (MB)

(MB) R4146961-1 11/16/24 16:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Lead	U		0.00272	0.00500

Laboratory Control Sample (LCS)

(LCS) R4146961-2 11/16/24 16:44

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	1.00	0.995	99.5	85.0-115	

L1795869-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1795869-02 11/16/24 16:46 • (MS) R4146961-4 11/16/24 16:50 • (MSD) R4146961-5 11/16/24 16:51

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	1.00	ND	0.985	0.980	98.5	98.0	1	70.0-130			0.501	20

L1798788-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1798788-02 11/16/24 16:53 • (MS) R4146961-6 11/16/24 16:55 • (MSD) R4146961-7 11/16/24 16:56

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	1.00	ND	0.967	0.991	96.7	99.1	1	70.0-130			2.47	20

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1798658DATE/TIME:
11/19/24 18:24PAGE:
12 of 17

WG2404024

QUALITY CONTROL SUMMARY

Volatile Organic Compounds (GC/MS) by Method 8260B

L1798658-01.02.03.04

Method Blank (MB)

(MB) R4147833-2 11/18/24 20:19

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Xylenes, Total	U		0.000174	0.00300
Naphthalene	U		0.00100	0.00500
(S) Toluene-d8	94.4			80.0-120
(S) 4-Bromofluorobenzene	101			77.0-126
(S) 1,2-Dichloroethane-d4	122			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4147833-1 11/18/24 19:35

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00406	81.2	70.0-123	
Toluene	0.00500	0.00427	85.4	79.0-120	
Ethylbenzene	0.00500	0.00476	95.2	79.0-123	
Xylenes, Total	0.0150	0.0139	92.7	79.0-123	
Naphthalene	0.00500	0.00419	83.8	54.0-135	
(S) Toluene-d8			98.3	80.0-120	
(S) 4-Bromofluorobenzene			111	77.0-126	
(S) 1,2-Dichloroethane-d4			112	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1798658DATE/TIME:
11/19/24 18:24PAGE:
13 of 17

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ GI

⁸ AI

⁹ Sc

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1*}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁸	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA - ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA - ISO 17025 ⁸	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Frit Car Incorporated

1965 South Blvd
Brewton, AL 36426

Report to:
Mr. Joey Moffett

Project Description:
Semi-Annual Stormwater

Phone: 251-867-7752

Collected by (print):

Collected by (signature):

Immediately

Packed on ice N ☐ Y ☒

Shipping Information:

Accounts Payable
PO Box 1340
Brewton, AL 36427

Email To: j.moffett@fritcar.com

Pres
Chk

Analysis / Container / Preservation

Chain of Custody Page 1 of 1



MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
<http://info.paceintl.com/submit/for-standard-terms.pdf>

J143

Trace # L1798158

Account: FRITINCAL

Template: T72179

Prelim: P1046624

PM: 034 - Craig Cothran

PB: 12/29/09

Shipped via: FedEx Ground

Remarks Sample # (lab only)

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	OGHEX 1L Qr-WT-HCl	PBICP 250mlHDPE-HNO3	PT 250mlHDPE-H2SO4	TSS 1L-HDPE NoPres	V8260BTEXN 40mlAmb-HCl
SW-1	G	GW	7.1	11-11-24	8:45	6	X	X	X	X	X
SW-2	G	GW	7.0	11-11-24	8:30	6	X	X	X	X	X
SW-3	G	GW	7.8	11-11-24	9:10	6	X	X	X	X	X
SW-4	G	GW	7.2	11-11-24	9:15	6	X	X	X	X	X

* Matrix:

SS - Soil **AIR** - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

PH - 1080H0941
TRC - 3327A333

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:

UPS ☐ FedEx ☐ Courier ☐

Tracking

Relinquished by: (Signature)	Date: 11-11-24	Time: 10:30 AM	Received by: (Signature)	Trip Blank Received: Yes ☒ No ☐	Temp: 24	Bottles Received: 24	If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 24	Bottles Received: 24		
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11/27/29	Time: 9:00	Hold:	Condition: NCF / OK

Sample Receipt Checklist
CDC Seal Present/Intact: ☒ NP
CDC Signed/Accurate: ☒
Bottles arrive Intact: ☒
Correct Bottle Used: ☒
Sufficient volume sent: ☒
If Applicable
VQA Seal Breakspace: ☒
Preservation Correct/Checked: ☒
RAD Screen <0.5 m/hr: ☒

[illegible]

Date _____

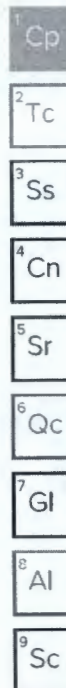
Name _____

Date _____



ANALYTICAL REPORT

June 09, 2025



Frit Car Incorporated

Sample Delivery Group: L1864038
Samples Received: 05/29/2025
Project Number:
Description: Semi-Annual Stormwater

Report To: Mr. Joey Moffett
1965 South Blvd
Brewton, AL 36426

Entire Report Reviewed By:

Craig Cothron
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1864038

DATE/TIME:
06/09/25 11:27

PAGE:
1 of 17

TABLE OF CONTENTS

Cp: Cover Page	1	
Tc: Table of Contents	2	
Ss: Sample Summary	3	
Cn: Case Narrative	4	
Sr: Sample Results	5	
SW-1 L1864038-01	5	
SW-2 L1864038-02	6	
SW-3 L1864038-03	7	
SW-4 L1864038-04	8	
Qc: Quality Control Summary	9	
Gravimetric Analysis by Method 2540 D-2020	9	
Wet Chemistry by Method 1664B	10	
Wet Chemistry by Method 365.4	11	
Metals (ICP) by Method 200.7	12	
Volatile Organic Compounds (GC/MS) by Method 8260B	13	
Gl: Glossary of Terms	14	
Al: Accreditations & Locations	15	
Sc: Sample Chain of Custody	16	

SAMPLE SUMMARY

SW-1 L1864038-01

Collected by
Chris Hicks

Collected date/time
05/28/25 09:00

Received date/time
05/29/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 D-2020	WG2527496	1	05/30/25 17:28	05/30/25 19:00	AMG	Mt. Juliet, TN
Wet Chemistry by Method 1664B	WG2529106	1	06/03/25 12:44	06/03/25 21:48	DGC	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2532593	2	06/06/25 18:21	06/08/25 18:50	AEC	Mt. Juliet, TN
Metals (ICP) by Method 200.7	WG2528530	1	06/05/25 08:52	06/05/25 15:30	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2527578	1	05/31/25 07:59	05/31/25 07:59	DYW	Mt. Juliet, TN

SW-2 L1864038-02

Collected by
Chris Hicks

Collected date/time
05/28/25 09:02

Received date/time
05/29/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 D-2020	WG2527496	1	05/30/25 17:28	05/30/25 19:00	AMG	Mt. Juliet, TN
Wet Chemistry by Method 1664B	WG2529106	1	06/03/25 12:44	06/03/25 21:48	DGC	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2532593	1	06/06/25 18:21	06/08/25 17:06	AEC	Mt. Juliet, TN
Metals (ICP) by Method 200.7	WG2528530	1	06/05/25 08:52	06/05/25 15:32	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2527578	1	05/31/25 08:20	05/31/25 08:20	DYW	Mt. Juliet, TN

SW-3 L1864038-03

Collected by
Chris Hicks

Collected date/time
05/28/25 09:05

Received date/time
05/29/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 D-2020	WG2527496	1	05/30/25 17:28	05/30/25 19:00	AMG	Mt. Juliet, TN
Wet Chemistry by Method 1664B	WG2529106	1	06/03/25 12:44	06/03/25 21:48	DGC	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2532593	1	06/06/25 18:21	06/08/25 17:07	AEC	Mt. Juliet, TN
Metals (ICP) by Method 200.7	WG2528530	1	06/05/25 08:52	06/05/25 15:33	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2527578	1	05/31/25 08:42	05/31/25 08:42	DYW	Mt. Juliet, TN

SW-4 L1864038-04

Collected by
Chris Hicks

Collected date/time
05/28/25 09:07

Received date/time
05/29/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 D-2020	WG2527496	1	05/30/25 17:28	05/30/25 19:00	AMG	Mt. Juliet, TN
Wet Chemistry by Method 1664B	WG2529106	1	06/03/25 12:44	06/03/25 21:48	DGC	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2532593	1	06/06/25 18:21	06/08/25 17:08	AEC	Mt. Juliet, TN
Metals (ICP) by Method 200.7	WG2528530	1	06/05/25 08:52	06/05/25 15:38	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2527578	1	05/31/25 09:03	05/31/25 09:03	DYW	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

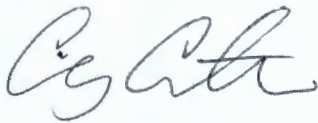
⁷ Gl

⁸ Al

⁹ Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Craig Cothron
Project Manager

Sample Delivery Group (SDG) Narrative

The following analysis were performed from an unpreserved, insufficiently or inadequately preserved sample.

<u>Lab Sample ID</u>	<u>Project Sample ID</u>	<u>Method</u>
<u>L1864038-03</u>	<u>SW-3</u>	1664B

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

SW-1

SAMPLE RESULTS - 01

Collected date/time: 05/28/25 09:00

L1864038

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Suspended Solids	34.7		8.33	1	05/30/2025 19:00	WG2527496

1 Cp

2 Tc

Wet Chemistry by Method 1664B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Oil & Grease (Hexane Extr)	ND		6.10	1	06/03/2025 21:48	WG2529106

3 Ss

4 Cn

Wet Chemistry by Method 365.4

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Phosphorus, Total	6.30		0.200	2	06/08/2025 18:50	WG2532593

5 Sr

6 Qc

Metals (ICP) by Method 200.7

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Lead	ND		0.00500	1	06/05/2025 15:30	WG2528530

7 GI

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	05/31/2025 07:59	WG2527578
Toluene	ND		0.00100	1	05/31/2025 07:59	WG2527578
Ethylbenzene	ND		0.00100	1	05/31/2025 07:59	WG2527578
Xylenes, Total	ND		0.00300	1	05/31/2025 07:59	WG2527578
Naphthalene	ND		0.00500	1	05/31/2025 07:59	WG2527578
(S) Toluene-d8	102		80.0-120		05/31/2025 07:59	WG2527578
(S) 4-Bromofluorobenzene	96.1		77.0-126		05/31/2025 07:59	WG2527578
(S) 1,2-Dichloroethane-d4	103		70.0-130		05/31/2025 07:59	WG2527578

SW-2

SAMPLE RESULTS - 02

Collected date/time: 05/28/25 09:02

L1864038

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Suspended Solids	45.5		6.25	1	05/30/2025 19:00	WG2527496

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

Wet Chemistry by Method 1664B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Oil & Grease (Hexane Extr)	ND		6.17	1	06/03/2025 21:48	WG2529106

6 Qc

7 Gl

Wet Chemistry by Method 365.4

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Phosphorus, Total	ND		0.100	1	06/08/2025 17:06	WG2532593

8 Al

9 Sc

Metals (ICP) by Method 200.7

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Lead	ND		0.00500	1	06/05/2025 15:32	WG2528530

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	05/31/2025 08:20	WG2527578
Toluene	ND		0.00100	1	05/31/2025 08:20	WG2527578
Ethylbenzene	ND		0.00100	1	05/31/2025 08:20	WG2527578
Xylenes, Total	ND		0.00300	1	05/31/2025 08:20	WG2527578
Naphthalene	ND		0.00500	1	05/31/2025 08:20	WG2527578
(S) Toluene-d8	100		80.0-120		05/31/2025 08:20	WG2527578
(S) 4-Bromofluorobenzene	96.6		77.0-126		05/31/2025 08:20	WG2527578
(S) 1,2-Dichloroethane-d4	104		70.0-130		05/31/2025 08:20	WG2527578

SW-3

SAMPLE RESULTS - 03

Collected date/time: 05/28/25 09:05

L1864038

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	¹ Cp
Suspended Solids	18.0		5.00	1	05/30/2025 19:00	WG2527496	² Tc

Wet Chemistry by Method 1664B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	³ Ss
Oil & Grease (Hexane Extr)	ND		6.17	1	06/03/2025 21:48	WG2529106	⁴ Cn

Wet Chemistry by Method 365.4

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	⁵ Sr
Phosphorus, Total	0.163		0.100	1	06/08/2025 17:07	WG2532593	⁶ Qc

Metals (ICP) by Method 200.7

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	⁷ Gl
Lead	ND		0.00500	1	06/05/2025 15:33	WG2528530	⁸ Al

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	⁹ Sc
Benzene	ND		0.00100	1	05/31/2025 08:42	WG2527578	
Toluene	ND		0.00100	1	05/31/2025 08:42	WG2527578	
Ethylbenzene	ND		0.00100	1	05/31/2025 08:42	WG2527578	
Xylenes, Total	ND		0.00300	1	05/31/2025 08:42	WG2527578	
Naphthalene	ND		0.00500	1	05/31/2025 08:42	WG2527578	
(S) Toluene-d8	102		80.0-120		05/31/2025 08:42	WG2527578	
(S) 4-Bromofluorobenzene	99.9		77.0-126		05/31/2025 08:42	WG2527578	
(S) 1,2-Dichloroethane-d4	103		70.0-130		05/31/2025 08:42	WG2527578	

SW-4

SAMPLE RESULTS - 04

Collected date/time: 05/28/25 09:07

L1864038

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Suspended Solids	67.8		5.00	1	05/30/2025 19:00	WG2527496

1 Cp

2 Tc

Wet Chemistry by Method 1664B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Oil & Grease (Hexane Extr)	ND		6.33	1	06/03/2025 21:48	WG2529106

3 Ss

4 Cn

Wet Chemistry by Method 365.4

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Phosphorus, Total	0.318		0.100	1	06/08/2025 17:08	WG2532593

5 Sr

6 Qc

Metals (ICP) by Method 200.7

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Lead	ND		0.00500	1	06/05/2025 15:38	WG2528530

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	05/31/2025 09:03	WG2527578
Toluene	ND		0.00100	1	05/31/2025 09:03	WG2527578
Ethylbenzene	ND		0.00100	1	05/31/2025 09:03	WG2527578
Xylenes, Total	ND		0.00300	1	05/31/2025 09:03	WG2527578
Naphthalene	ND		0.00500	1	05/31/2025 09:03	WG2527578
(S) Toluene-d8	100		80.0-120		05/31/2025 09:03	WG2527578
(S) 4-Bromofluorobenzene	96.6		77.0-126		05/31/2025 09:03	WG2527578
(S) 1,2-Dichloroethane-d4	103		70.0-130		05/31/2025 09:03	WG2527578

WG2527496

Gravimetric Analysis by Method 2540 D-2020

QUALITY CONTROL SUMMARY

L1864038-01,02,03,04

Method Blank (MB)

(MB) R4223626-1 05/30/25 19:00

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Suspended Solids	0.300	J	0.283	2.50

L1863807-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1863807-02 05/30/25 19:00 • (DUP) R4223626-3 05/30/25 19:00

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Suspended Solids	1740	1720	1	1.16		10

L1863830-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1863830-01 05/30/25 19:00 • (DUP) R4223626-4 05/30/25 19:00

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Suspended Solids	12.8	13.4	1	4.58		10

Laboratory Control Sample (LCS)

(LCS) R4223626-2 05/30/25 19:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Suspended Solids	773	794	103	85.0-115	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1864038DATE/TIME:
06/09/25 11:27PAGE:
9 of 17

WG2529106

Wet Chemistry by Method 1664B

QUALITY CONTROL SUMMARY

L1864038-01,02,03,04

Method Blank (MB)

(MB) R4225033-1 06/03/25 21:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Oil & Grease (Hexane Extr)	U		1.40	5.00

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4225033-2 06/03/25 21:48 • (LCSD) R4225033-3 06/03/25 21:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Oil & Grease (Hexane Extr)	40.0	36.1	31.4	90.3	78.5	78.0-114			13.9	20

L1863807-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1863807-01 06/03/25 21:48 • (MS) R4225033-4 06/03/25 21:48

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Oil & Grease (Hexane Extr)	40.0	ND	42.5	106	1	78.0-114	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1864038DATE/TIME:
06/09/25 11:27PAGE:
10 of 17

WG2532593

Wet Chemistry by Method 365.4

QUALITY CONTROL SUMMARY

L1864038-01.02.03.04

Method Blank (MB)

(MB) R4227393-1 06/08/25 16:45

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Phosphorus, Total	U		0.0642	0.100

L1863833-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1863833-01 06/08/25 16:48 • (DUP) R4227393-3 06/08/25 16:49

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Phosphorus, Total	ND	ND	1	0.000		20

L1863860-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1863860-01 06/08/25 17:00 • (DUP) R4227393-6 06/08/25 17:02

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Phosphorus, Total	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4227393-2 06/08/25 16:46

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phosphorus, Total	1.70	1.63	96.2	86.0-112	

L1863833-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1863833-03 06/08/25 16:52 • (MS) R4227393-4 06/08/25 16:53 • (MSD) R4227393-5 06/08/25 16:54

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Phosphorus, Total	2.50	ND	2.37	2.35	94.8	94.0	1	86.0-112			0.847	20

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1864038DATE/TIME:
06/09/25 11:27PAGE:
11 of 17

WG2528530

Metals (ICP) by Method 200.7

QUALITY CONTROL SUMMARY

L1864038-01,02,03,04

Method Blank (MB)

(MB) R4226173-1 06/05/25 14:58

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Lead	U		0.00272	0.00500

Laboratory Control Sample (LCS)

(LCS) R4226173-2 06/05/25 15:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	1.00	1.01	101	85.0-115	

L1864053-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1864053-04 06/05/25 15:01 • (MS) R4226173-4 06/05/25 15:05 • (MSD) R4226173-5 06/05/25 15:06

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	1.00		1.04	1.04	103	103	1	70.0-130			0.0109	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1864038DATE/TIME:
06/09/25 11:27PAGE:
12 of 17

WG2527578

QUALITY CONTROL SUMMARY

Volatile Organic Compounds (GC/MS) by Method 8260B

L1864038-01,02,03,04

Method Blank (MB)

(MB) R4225624-2 05/31/25 05:29

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Xylenes, Total	U		0.000174	0.00300
Naphthalene	U		0.00100	0.00500
(S) Toluene-d8	104			80.0-120
(S) 4-Bromofluorobenzene	96.8			77.0-126
(S) 1,2-Dichloroethane-d4	99.9			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4225624-1 05/31/25 04:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00439	87.8	70.0-123	
Toluene	0.00500	0.00415	83.0	79.0-120	
Ethylbenzene	0.00500	0.00418	83.6	79.0-123	
Xylenes, Total	0.0150	0.0129	86.0	79.0-123	
Naphthalene	0.00500	0.00408	81.6	54.0-135	
(S) Toluene-d8			100	80.0-120	
(S) 4-Bromofluorobenzene			99.1	77.0-126	
(S) 1,2-Dichloroethane-d4			108	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1864038DATE/TIME:
06/09/25 11:27PAGE:
13 of 17

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

J The identification of the analyte is acceptable; the reported value is an estimate.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ GI

⁸ AI

⁹ Sc

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA - ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA - ISO 17025 ³	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

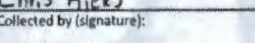
⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Company Name/Address: Frit Car Incorporated 1965 South Blvd Brewton, AL 36426			Billing Information: Accounts Payable PO Box 1340 Brewton, AL 36427			Chain of Custody Page ____ of ____	
Report to: Mr. Joey Moffett			Email To: j.moffett@fritcar.com			 MT JULIET, TN 13065 Antebellum Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: http://www.paceanalytical.com/pdfs/pace-standard-terms.pdf	
Project Description: Semi-Annual Stormwater		City/State Collected:		Please Circle: PT MT CT ET			
Phone: 251-867-7752		Client Project #		Lab Project #			
Collected by (print): Chris Hicks		Site/Facility ID #		P.O. #			
Collected by (signature): 		Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day		Quote #		SDG # <u>U364038</u> A194 Account: FRITINCBAL Template: T72179 Prepays: P1123714 PM: 034 - Craig Cochran PA: 12/30/24 CL Shipped Via: FedEx Ground	
Immediately Packed on Ice N ☐ Y ☒		Date Results Needed		No. of Cntrs			
Sample ID		Comp/Grab		Matrix *			
Date		Time		Depth			
SW-1		G		GW		7.4	
SW-2		G		GW		7.5	
SW-3		G		GW		7.8	
SW-4		G		GW		7.9	
SW-5		G		GW		7.9	
SW-6		G		GW		7.9	
SW-7		G		GW		7.9	
SW-8		G		GW		7.9	
SW-9		G		GW		7.9	
SW-10		G		GW		7.9	
SW-11		G		GW		7.9	
SW-12		G		GW		7.9	
SW-13		G		GW		7.9	
SW-14		G		GW		7.9	
SW-15		G		GW		7.9	
SW-16		G		GW		7.9	
SW-17		G		GW		7.9	
SW-18		G		GW		7.9	
SW-19		G		GW		7.9	
SW-20		G		GW		7.9	
SW-21		G		GW		7.9	
SW-22		G		GW		7.9	
SW-23		G		GW		7.9	
SW-24		G		GW		7.9	
SW-25		G		GW		7.9	
SW-26		G		GW		7.9	
SW-27		G		GW		7.9	
SW-28		G		GW		7.9	
SW-29		G		GW		7.9	
SW-30		G		GW		7.9	
SW-31		G		GW		7.9	
SW-32		G		GW		7.9	
SW-33		G		GW		7.9	
SW-34		G		GW		7.9	
SW-35		G		GW		7.9	
SW-36		G		GW		7.9	
SW-37		G		GW		7.9	
SW-38		G		GW		7.9	
SW-39		G		GW		7.9	
SW-40		G		GW		7.9	
SW-41		G		GW		7.9	
SW-42		G		GW		7.9	
SW-43		G		GW		7.9	
SW-44		G		GW		7.9	
SW-45		G		GW		7.9	
SW-46		G		GW		7.9	
SW-47		G		GW		7.9	
SW-48		G		GW		7.9	
SW-49		G		GW		7.9	
SW-50		G		GW		7.9	
SW-51		G		GW		7.9	
SW-52		G		GW		7.9	
SW-53		G		GW		7.9	
SW-54		G		GW		7.9	
SW-55		G		GW		7.9	
SW-56		G		GW		7.9	
SW-57		G		GW		7.9	
SW-58		G		GW		7.9	
SW-59		G		GW		7.9	
SW-60		G		GW		7.9	
SW-61		G		GW		7.9	
SW-62		G		GW		7.9	
SW-63		G		GW		7.9	
SW-64		G		GW		7.9	
SW-65		G		GW		7.9	
SW-66		G		GW		7.9	
SW-67		G		GW		7.9	
SW-68		G		GW		7.9	
SW-69		G		GW		7.9	
SW-70		G		GW		7.9	
SW-71		G		GW		7.9	
SW-72		G		GW		7.9	
SW-73		G		GW		7.9	
SW-74		G		GW		7.9	
SW-75		G		GW		7.9	
SW-76		G		GW		7.9	
SW-77		G		GW		7.9	
SW-78		G		GW		7.9	
SW-79		G		GW		7.9	
SW-80		G		GW		7.9	
SW-81		G		GW		7.9	
SW-82		G		GW		7.9	
SW-83		G		GW		7.9	
SW-84		G		GW		7.9	
SW-85		G		GW		7.9	
SW-86		G		GW		7.9	
SW-87		G		GW		7.9	
SW-88		G		GW		7.9	
SW-89		G		GW		7.9	
SW-90		G		GW		7.9	
SW-91		G		GW		7.9	
SW-92		G		GW		7.9	
SW-93		G		GW		7.9	
SW-94		G		GW		7.9	
SW-95		G		GW		7.9	
SW-96		G		GW		7.9	
SW-97		G		GW		7.9	
SW-98		G		GW		7.9	
SW-99		G		GW		7.9	
SW-100		G		GW		7.9	

Effective Date:

L# 4564039

[illegible]

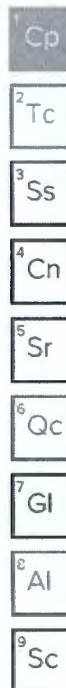
Dayanith
Name

S-74-28
Da



ANALYTICAL REPORT

December 11, 2025



Frit Car Incorporated

Sample Delivery Group: L1924427
Samples Received: 12/04/2025
Project Number:
Description: Semi-Annual Stormwater

Report To: Mr. Joey Moffett
1965 South Blvd
Brewton, AL 36426

Entire Report Reviewed By:

Craig Cothron
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1924427

DATE/TIME:
12/11/25 17:30

PAGE:
1 of 18

TABLE OF CONTENTS

Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³ Ss
SW-1 L1924427-01	5	⁴ Cn
SW-2 L1924427-02	6	
SW-3 L1924427-03	7	⁵ Sr
SW-4 L1924427-04	8	⁶ Qc
Qc: Quality Control Summary	9	
Gravimetric Analysis by Method 2540 D-2020	9	⁷ Gl
Wet Chemistry by Method 1664B	10	
Wet Chemistry by Method 365.4	11	⁸ Al
Metals (ICP) by Method 200.7	13	⁹ Sc
Volatile Organic Compounds (GC/MS) by Method 8260D	14	
Gl: Glossary of Terms	15	
Al: Accreditations & Locations	16	
Sc: Sample Chain of Custody	17	

SAMPLE SUMMARY

SW-1 L1924427-01

Collected by
12/03/25 07:01
Received date/time
12/04/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 D-2020	WG2652527	1	12/06/25 22:06	12/06/25 23:00	AMG	Mt. Juliet, TN
Wet Chemistry by Method 1664B	WG2655417	1	12/10/25 14:59	12/10/25 20:59	DGC	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2653249	1	12/05/25 10:11	12/05/25 22:56	WFS	Mt. Juliet, TN
Metals (ICP) by Method 200.7	WG2653757	1	12/07/25 08:26	12/07/25 20:22	NMM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2652484	1	12/05/25 16:35	12/05/25 16:35	DWR	Mt. Juliet, TN

SW-2 L1924427-02

Collected by
12/03/25 07:17
Received date/time
12/04/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 D-2020	WG2652527	1	12/06/25 22:06	12/06/25 23:00	AMG	Mt. Juliet, TN
Wet Chemistry by Method 1664B	WG2655417	1	12/10/25 14:59	12/10/25 20:59	DGC	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2653249	1	12/05/25 10:11	12/05/25 22:57	WFS	Mt. Juliet, TN
Metals (ICP) by Method 200.7	WG2653757	1	12/07/25 08:26	12/07/25 20:39	NMM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2652484	1	12/05/25 16:56	12/05/25 16:56	DWR	Mt. Juliet, TN

SW-3 L1924427-03

Collected by
12/03/25 07:33
Received date/time
12/04/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 D-2020	WG2652527	1	12/06/25 22:06	12/06/25 23:00	AMG	Mt. Juliet, TN
Wet Chemistry by Method 1664B	WG2655417	1	12/10/25 14:59	12/10/25 20:59	DGC	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2653962	1	12/05/25 08:04	12/05/25 15:42	BMD	Mt. Juliet, TN
Metals (ICP) by Method 200.7	WG2653757	1	12/07/25 08:26	12/07/25 20:46	NMM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2652484	1	12/05/25 17:16	12/05/25 17:16	DWR	Mt. Juliet, TN

SW-4 L1924427-04

Collected by
12/03/25 07:54
Received date/time
12/04/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 D-2020	WG2652527	1	12/06/25 22:06	12/06/25 23:00	AMG	Mt. Juliet, TN
Wet Chemistry by Method 1664B	WG2655417	1	12/10/25 14:59	12/10/25 20:59	DGC	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2653962	1	12/05/25 08:04	12/05/25 15:44	BMD	Mt. Juliet, TN
Metals (ICP) by Method 200.7	WG2653757	1	12/07/25 08:26	12/07/25 20:48	NMM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2652484	1	12/05/25 17:37	12/05/25 17:37	DWR	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

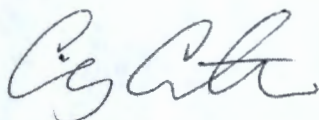
⁷ Gl

⁸ Al

⁹ Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Craig Cothron
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

SW-1

SAMPLE RESULTS - 01

Collected date/time: 12/03/25 07:01

L1924427

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Suspended Solids	53.2		5.00	1	12/06/2025 23:00	WG2652527

1 Cp

2 Tc

Wet Chemistry by Method 1664B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Oil & Grease (Hexane Extr)	ND		6.94	1	12/10/2025 20:59	WG2655417

3 Ss

4 Cn

Wet Chemistry by Method 365.4

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Phosphorus, Total	0.134		0.100	1	12/05/2025 22:56	WG2653249

5 Sr

6 Qc

Metals (ICP) by Method 200.7

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Lead	ND		0.00500	1	12/07/2025 20:22	WG2653757

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/05/2025 16:35	WG2652484
Toluene	ND		0.00100	1	12/05/2025 16:35	WG2652484
Ethylbenzene	ND		0.00100	1	12/05/2025 16:35	WG2652484
Xylenes, Total	ND		0.00300	1	12/05/2025 16:35	WG2652484
Naphthalene	ND	J3	0.00500	1	12/05/2025 16:35	WG2652484
(S) Toluene-d8	102		80.0-120		12/05/2025 16:35	WG2652484
(S) 4-Bromofluorobenzene	98.4		77.0-126		12/05/2025 16:35	WG2652484
(S) 1,2-Dichloroethane-d4	105		70.0-130		12/05/2025 16:35	WG2652484

SW-2

SAMPLE RESULTS - 02

Collected date/time: 12/03/25 07:17

L1924427

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Suspended Solids	18.3		3.08	1	12/06/2025 23:00	WG2652527

1 Cp

2 Tc

Wet Chemistry by Method 1664B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Oil & Grease (Hexane Extr)	ND		7.14	1	12/10/2025 20:59	WG2655417

3 Ss

4 Cn

Wet Chemistry by Method 365.4

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Phosphorus, Total	6.55		0.100	1	12/05/2025 22:57	WG2653249

5 Sr

6 Qc

Metals (ICP) by Method 200.7

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Lead	ND		0.00500	1	12/07/2025 20:39	WG2653757

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/05/2025 16:56	WG2652484
Toluene	ND		0.00100	1	12/05/2025 16:56	WG2652484
Ethylbenzene	ND		0.00100	1	12/05/2025 16:56	WG2652484
Xylenes, Total	ND		0.00300	1	12/05/2025 16:56	WG2652484
Naphthalene	ND	J3	0.00500	1	12/05/2025 16:56	WG2652484
(S) Toluene-d8	103		80.0-120		12/05/2025 16:56	WG2652484
(S) 4-Bromofluorobenzene	98.4		77.0-126		12/05/2025 16:56	WG2652484
(S) 1,2-Dichloroethane-d4	103		70.0-130		12/05/2025 16:56	WG2652484

SW-3

SAMPLE RESULTS - 03

Collected date/time: 12/03/25 07:33

L1924427

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Suspended Solids	32.5		3.08	1	12/06/2025 23:00	WG2652527

1 Cp

2 Tc

Wet Chemistry by Method 1664B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Oil & Grease (Hexane Extr)	ND		7.69	1	12/10/2025 20:59	WG2655417

3 Ss

4 Cn

Wet Chemistry by Method 365.4

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Phosphorus, Total	0.536		0.100	1	12/05/2025 15:42	WG2653962

5 Sr

6 Qc

Metals (ICP) by Method 200.7

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Lead	ND		0.00500	1	12/07/2025 20:46	WG2653757

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/05/2025 17:16	WG2652484
Toluene	ND		0.00100	1	12/05/2025 17:16	WG2652484
Ethylbenzene	ND		0.00100	1	12/05/2025 17:16	WG2652484
Xylenes, Total	ND		0.00300	1	12/05/2025 17:16	WG2652484
Naphthalene	ND	J3	0.00500	1	12/05/2025 17:16	WG2652484
(S) Toluene-d8	103		80.0-120		12/05/2025 17:16	WG2652484
(S) 4-Bromofluorobenzene	97.6		77.0-126		12/05/2025 17:16	WG2652484
(S) 1,2-Dichloroethane-d4	103		70.0-130		12/05/2025 17:16	WG2652484

SW-4

SAMPLE RESULTS - 04

Collected date/time: 12/03/25 07:54

L1924427

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Suspended Solids	21.8		2.98	1	12/06/2025 23:00	WG2652527

1 Cp

2 Tc

Wet Chemistry by Method 1664B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Oil & Grease (Hexane Extr)	ND		7.46	1	12/10/2025 20:59	WG2655417

3 Ss

4 Cn

Wet Chemistry by Method 365.4

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Phosphorus, Total	0.614		0.100	1	12/05/2025 15:44	WG2653962

5 Sr

6 Qc

Metals (ICP) by Method 200.7

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Lead	ND		0.00500	1	12/07/2025 20:48	WG2653757

7 Gl

8 Al

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/05/2025 17:37	WG2652484
Toluene	ND		0.00100	1	12/05/2025 17:37	WG2652484
Ethylbenzene	ND		0.00100	1	12/05/2025 17:37	WG2652484
Xylenes, Total	ND		0.00300	1	12/05/2025 17:37	WG2652484
Naphthalene	ND	J3	0.00500	1	12/05/2025 17:37	WG2652484
(S) Toluene-d8	102		80.0-120		12/05/2025 17:37	WG2652484
(S) 4-Bromofluorobenzene	96.9		77.0-126		12/05/2025 17:37	WG2652484
(S) 1,2-Dichloroethane-d4	105		70.0-130		12/05/2025 17:37	WG2652484

9 Sc

WG2652527

Gravimetric Analysis by Method 2540 D-2020

QUALITY CONTROL SUMMARY

L1924427-01,02,03,04

Method Blank (MB)

(MB) R4310786-1 12/06/25 23:00

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Suspended Solids	U		0.283	2.50

L1924188-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1924188-01 12/06/25 23:00 • (DUP) R4310786-3 12/06/25 23:00

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Suspended Solids	25.5	23.0	1	10.3	P1	10

L1924264-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1924264-01 12/06/25 23:00 • (DUP) R4310786-4 12/06/25 23:00

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Suspended Solids	110	118	1	7.02		10

Laboratory Control Sample (LCS)

(LCS) R4310786-2 12/06/25 23:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Suspended Solids	773	864	112	85.0-115	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gt

8 Al

9 Sc

ACCOUNT:
Fritl Car Incorporated

PROJECT:

SDG:
L1924427DATE/TIME:
12/11/25 17:30PAGE:
9 of 18

WG2655417

QUALITY CONTROL SUMMARY

Wet Chemistry by Method 1664B

L1924427-01,02,03,04

Method Blank (MB)

(MB) R4312565-1 12/10/25 20:59

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Oil & Grease (Hexane Extr)	U		1.40	5.00

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4312565-2 12/10/25 20:59 • (LCSD) R4312565-3 12/10/25 20:59

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Oil & Grease (Hexane Extr)	40.0	34.1	37.2	85.3	93.0	78.0-114			8.70	20

L1924545-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1924545-01 12/10/25 20:59 • (MS) R4312565-4 12/10/25 20:59

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Oil & Grease (Hexane Extr)	40.0	ND	28.1	70.2	1	78.0-114	J6

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:
Frit Cer Incorporated

PROJECT:

SDG:
L1924427DATE/TIME:
12/11/25 17:30PAGE:
10 of 18

WG2653249

Wet Chemistry by Method 365.4

QUALITY CONTROL SUMMARY

L1924427-01,02

Method Blank (MB)

(MB) R4310595-1 12/05/25 21:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Phosphorus, Total	U		0.0642	0.100

L1924427-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1924427-02 12/05/25 22:57 • (DUP) R4310595-7 12/05/25 22:59

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP RPD Limits
Phosphorus, Total	6.55	6.29	1	4.03	20

Laboratory Control Sample (LCS)

(LCS) R4310595-2 12/05/25 21:27

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phosphorus, Total	4.01	4.17	104	85.0-112	

L1923997-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1923997-01 12/05/25 21:30 • (MS) R4310595-3 12/05/25 21:32 • (MSD) R4310595-4 12/05/25 21:33

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Phosphorus, Total	2.50	0.264	2.80	2.77	101	100	1	85.0-112			0.895	20

L1924145-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1924145-01 12/05/25 22:34 • (MS) R4310595-5 12/05/25 22:36 • (MSD) R4310595-6 12/05/25 22:37

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Phosphorus, Total	2.50	697	609	609	0.000	0.000	200	85.0-112	V	V	0.00328	20

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1924427DATE/TIME:
12/11/25 17:30PAGE:
11 of 19

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG2653962

Wet Chemistry by Method 365.4

QUALITY CONTROL SUMMARY

L1924427-03,04

Method Blank (MB)

(MB) R4310860-1 12/05/25 15:35

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Phosphorus, Total	U		0.0642	0.100

L1924427-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1924427-04 12/05/25 15:44 • (DUP) R4310860-3 12/05/25 15:46

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP RPD Limits
Phosphorus, Total	0.614	0.590	1	4.04	20

Laboratory Control Sample (LCS)

(LCS) R4310860-2 12/05/25 15:37

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phosphorus, Total	4.01	3.97	99.1	86.0-112	

L1924437-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1924437-01 12/05/25 15:48 • (MS) R4310860-4 12/05/25 15:49 • (MSD) R4310860-5 12/05/25 15:51

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Phosphorus, Total	2.50	6.21	8.26	8.16	81.9	77.9	1	86.0-112	E J6	E J6	1.23	20

L1924506-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1924506-03 12/05/25 16:07 • (MS) R4310860-6 12/05/25 16:09 • (MSD) R4310860-7 12/05/25 16:11

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Phosphorus, Total	2.50	ND	2.47	2.47	95.7	95.8	1	86.0-112			0.158	20

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1924427DATE/TIME:
12/11/25 17:30PAGE:
12 of 18

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG2653757

Metals (ICP) by Method 200.7

QUALITY CONTROL SUMMARY

L1924427-01,02,03,04

Method Blank (MB)

(MB) R4310942-1 12/07/25 20:17

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Lead	U		0.00272	0.00500

Laboratory Control Sample (LCS)

(LCS) R4310942-2 12/07/25 20:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	1.00	0.927	92.7	85.0-115	

L1924427-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1924427-01 12/07/25 20:22 • (MS) R4310942-4 12/07/25 20:27 • (MSD) R4310942-5 12/07/25 20:29

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	1.00	ND	0.963	0.992	95.8	98.7	1	70.0-130			2.89	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:
FRT Car Incorporated

PROJECT:

SDG:
L1924427DATE/TIME:
12/11/25 17:30PAGE:
13 of 18

WG2652484

QUALITY CONTROL SUMMARY

Volatile Organic Compounds (GC/MS) by Method 8260D

L1924427-01,02,03,04

Method Blank (MB)

(MB) R4311842-4 12/05/25 14:09

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000320	0.00100
Toluene	U		0.000274	0.00100
Ethylbenzene	U		0.000234	0.00100
Xylenes, Total	U		0.000319	0.00300
Naphthalene	U		0.00264	0.00500
(S) Toluene-d8	102			80.0-120
(S) 4-Bromofluorobenzene	100			77.0-126
(S) 1,2-Dichloroethane-d4	104			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4311842-1 12/05/25 11:44 • (LCSD) R4311842-2 12/05/25 12:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0100	0.00900	0.00899	90.0	89.9	70.0-123			0.111	20
Toluene	0.0100	0.00919	0.00911	91.9	91.1	79.0-120			0.874	20
Ethylbenzene	0.0100	0.00929	0.00898	92.9	89.8	79.0-123			3.39	20
Xylenes, Total	0.0300	0.0278	0.0274	92.7	91.3	79.0-123			1.45	20
Naphthalene	0.0100	0.00945	0.0116	94.5	116	54.0-135		J3	20.4	20
(S) Toluene-d8				102	99.3	80.0-120				
(S) 4-Bromofluorobenzene				99.6	97.8	77.0-126				
(S) 1,2-Dichloroethane-d4				104	105	70.0-130				

ACCOUNT:
Frit Car Incorporated

PROJECT:

SDG:
L1924427DATE/TIME:
12/11/25 17:30PAGE:
14 of 18

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
V	The sample concentration is too high to evaluate accurate spike recoveries.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-05-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey—NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio—VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ¹ ⁶	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AJ30792	Tennessee ¹ ⁴	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA—Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

[illegible]

Effective Date:

L# 692427

[illegible]

Ashley Butler
Name

Name _____

12/04/ans

Date _____

Dear, Clint D

From: Joey Moffett <jmoffett@fritcar.com>
Sent: Thursday, June 25, 2026 2:33 PM
To: Dear, Clint D
Cc: Jimmy Blankenship
Subject: RE: Frit Car - Area C Application Question

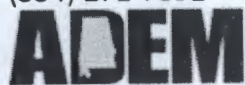
Yes sir

Thanks

From: Dear, Clint D <clint.dear@adem.alabama.gov>
Sent: Thursday, June 25, 2026 2:25 PM
To: Joey Moffett <jmoffett@fritcar.com>
Cc: Jimmy Blankenship <jblankenship@fritcar.com>
Subject: RE: Frit Car - Area C Application Question

Thanks! And did you say that Frit Car does send process wastewater to the city?

Clint Dear, Environmental Engineering Specialist
Industrial Section
Industrial/Municipal Branch
Water Division
Alabama Department of Environmental Management
(334) 271-7851



From: Joey Moffett <jmoffett@fritcar.com>
Sent: Thursday, June 25, 2026 2:23 PM
To: Dear, Clint D <clint.dear@adem.alabama.gov>
Cc: Jimmy Blankenship <jblankenship@fritcar.com>
Subject: RE: Frit Car - Area C Application Question

Clint,

Here is the information you requested. We have a agreement with the city of Brewton, we not to discharge more than 5000 gallon per day. Here are the averages for the year of 2025 – 830 gallons per day and 1-1-2026 to 6-23-2026 – 970 gallons per day. Please feel free to contact me, if you any other questions.

Thanks



Joey Moffett

Purchasing Manager
Frit Car Inc.
Brewton, AL 36427
251-867-7752

From: Dear, Clint D <clint.dear@adem.alabama.gov>
Sent: Thursday, June 18, 2026 1:54 PM
To: Joey Moffett <jmoffett@fritcar.com>
Subject: Frit Car - Area C Application Question

Afternoon,

For Frit Car's permit application, I have a question about the process flow diagram (Wastewater Treatment Area C). Is Frit Car sending any process wastewater to the city? If so, how much on average (month, year). The diagram also says the tank can hold 5000-gal max, but how often is that being discharged?

Thanks,

Clint Dear, Environmental Engineering Specialist
Industrial Section
Industrial/Municipal Branch
Water Division
Alabama Department of Environmental Management
(334) 271-7851

