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

NOV 2 0 2025

MR. SCOTT MADILL
ENVIRONMENTAL MANAGER
REPUBLIC SERVICES
2910 NORTH PALAFOX STREET
PENSACOLA, FL 32501

RE: DRAFT PERMIT
NPDES PERMIT NUMBER AL0079171

Dear Mr. Madill:

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)

Alabama Department of Environmental Management

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PERMITTEE: BFI WASTE SYSTEMS OF ALABAMA, LLC

FACILITY LOCATION: TIMBERLANDS LANDFILL
22800 HIGHWAY 41
BREWTON, ALABAMA 36426
ESCAMBIA COUNTY

PERMIT NUMBER: AL0079171

RECEIVING WATERS: 001 - UNNAMED TRIBUTARY TO BURNT CORN CREEK
002 - UNNAMED TRIBUTARY TO BURNT CORN CREEK
003 - UNNAMED TRIBUTARY TO BURNT CORN CREEK
004 - UNNAMED TRIBUTARY TO BURNT CORN CREEK
005 - UNNAMED TRIBUTARY TO BURNT CORN CREEK
006 - UNNAMED TRIBUTARY TO BURNT CORN CREEK
007 - BURNT CORN CREEK
008 - UNNAMED TRIBUTARY TO BURNT CORN CREEK
009 - UNNAMED TRIBUTARY TO BURNT CORN CREEK

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

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PART I: DISCHARGE LIMITATIONS, CONDITIONS, AND REQUIREMENTS

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

DSN001Q: Stormwater runoff from landfill operations. 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
BOD, 5-Day (20 Deg. C) (00310) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
pH (00400) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Quarterly	Grab	All Months
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
Solids, Settleable (00545) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Quarterly	Grab	All Months
Cadmium, Total (As Cd) (01027) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
Chromium, Total (As Cr) (01034) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
Copper, Total (As Cu) (01042) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Quarterly	Estimate	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.

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DSN001Q (Continued): Stormwater runoff from landfill operations. 3/ 4/

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Solids, Total Dissolved (TDS) (70296) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
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Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Quarterly	Estimate	All Months

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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.

DSN006Q (Continued): Stormwater runoff from landfill operations. 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
Solids, Total Dissolved (TDS) (70296) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
Chemical Oxygen Demand (COD) (81017) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	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.

DSN0071: Process wastewater from treated landfill leachate and stormwater runoff from landfill operations 3/ 4/ 5/

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
Oxygen, Dissolved (DO) (00300) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	*****	mg/l	Monthly	Grab	All Months
BOD, 5-Day (20 Deg. C) (00310) Effluent Gross Value	*****	*****	*****	*****	37 Monthly Average	140 Maximum Daily	mg/l	Weekly	Composite	All Months
pH (00400) Effluent Gross Value	*****	*****	*****	6.0 Minimum Daily	*****	8.5 Maximum Daily	S.U.	Monthly	Grab	All Months
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	27 Monthly Average	88 Maximum Daily	mg/l	Weekly	Composite	All Months
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Monthly	Grab	All Months
Nitrogen, Ammonia Total (As N) (00610) Effluent Gross Value	*****	*****	*****	*****	4.9 Monthly Average	7.3 Maximum Daily	mg/l	Monthly	Grab	All Months
Nitrogen, Kjeldahl Total (As N) (00625) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Monthly	Grab	Apr, May, Jun, Jul, Aug, Sep, Oct
Nitrite Plus Nitrate Total 1 Det. (00630) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Monthly	Grab	Apr, May, Jun, Jul, Aug, Sep, Oct
Phosphorus, Total (As P) (00665) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Monthly	Grab	Apr, May, Jun, Jul, Aug, Sep, Oct

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.

5/ Upon construction of and prior to discharge through DSN007, the Permittee shall notify the Department in writing.

DSN0071 (Continued): Process wastewater from treated landfill leachate and stormwater runoff from landfill operations 3/ 4/ 6/

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
Arsenic, Total Recoverable 5/ (00978) Effluent Gross Value	*****	*****	*****	*****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	Grab	All Months
Selenium, Total Recoverable 5/ (00981) Effluent Gross Value	*****	*****	*****	*****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	Grab	All Months
Nickel Total Recoverable 5/ (01074) Effluent Gross Value	*****	*****	*****	*****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	Grab	All Months
Zinc, Total (As Zn) 5/ (01092) Effluent Gross Value	*****	*****	*****	*****	0.11 Monthly Average	0.20 Maximum Daily	mg/l	Weekly	Composite	All Months
Lead, Total Recoverable 5/ (01114) Effluent Gross Value	*****	*****	*****	*****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	Grab	All Months
Copper Total Recoverable 5/ (01119) Effluent Gross Value	*****	*****	*****	*****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	Grab	All Months
Cyanide (A) (01257) Effluent Gross Value	*****	*****	*****	*****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	Grab	All Months
Phenol, Single Compound (34694) Effluent Gross Value	*****	*****	*****	*****	0.015 Monthly Average	0.026 Maximum Daily	mg/l	Weekly	Composite	All Months
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	(Report) Monthly Average	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Daily	Totalizer	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.

5/ For the purpose of determining compliance with this parameter, "Total" and" Total Recoverable" shall be considered equivalent.

6/ Upon construction of and prior to discharge through DSN007, the Permittee shall notify the Department in writing.

DSN0071 (Continued): Process wastewater from treated landfill leachate and stormwater runoff from landfill operations 3/ 4/ 6/

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
Solids, Total Dissolved (70295) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Monthly	Grab	All Months
Mercury Total Recoverable 5/ (71901) Effluent Gross Value	*****	*****	*****	*****	(Report) Monthly Average	(Report) Maximum 7-Day Average	mg/l	Monthly	Grab	All Months
P-Cresol (77146) Effluent Gross Value	*****	*****	*****	*****	0.014 Monthly Average	0.025 Maximum Daily	mg/l	Weekly	Composite	All Months
Benzoic Acids - Total (77247) Effluent Gross Value	*****	*****	*****	*****	0.071 Monthly Average	0.12 Maximum Daily	mg/l	Weekly	Composite	All Months
Alpha-Terpineol (1) (77493) Effluent Gross Value	*****	*****	*****	*****	0.016 Monthly Average	0.033 Maximum Daily	mg/l	Weekly	Composite	All Months
BOD, Carbonaceous 05 Day, 20C (80082) Effluent Gross Value	*****	*****	*****	*****	37.0 Monthly Average	55.5 Maximum Daily	mg/l	Monthly	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.

5/ For the purpose of determining compliance with this parameter, "Total" and" Total Recoverable" shall be considered equivalent.

6/ Upon construction of and prior to discharge through DSN007, the Permittee shall notify the Department in writing.

DSN007P: PFAS Monitoring (Method 1633) - Semiannual

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
Perfluorooctanoic Acid (51521) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluorobutanoic Acid (51522) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluorooctanesulfonamide (51525) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluoropentanoic Acid (51623) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluorohexanoic Acid (51624) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluoroheptanoic Acid (51625) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluorononanoic acid (51626) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluorodecanoic Acid (51627) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluoroundecanoic Acid (51628) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/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/ EPA Method 1633, or alternative methods specifically approved by the Department, shall be used for the analyses of Per- and Polyfluorinated Alkyl Substances (PFAS).

DSN007P (Continued): PFAS Monitoring (Method 1633) - Semiannual

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
Perfluorododecanoic acid (51629) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluorotridecanoic Acid (51630) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluorotetradecanoic Acid (51631) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
N-ethyl perfluorooctanesulfonamidoethanol (51641) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
N-methyl perfluorooctanesulfonamidoethanol (51642) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
2-(N-ethyl-PFOSA) acetic acid (51643) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
2-(N-methyl-PFOSA) acetic acid (51644) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluorobutanesulfonic acid (52602) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluorodecanesulfonic acid (52603) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/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/ EPA Method 1633, or alternative methods specifically approved by the Department, shall be used for the analyses of Per- and Polyfluorinated Alkyl Substances (PFAS).

DSN007P (Continued): PFAS Monitoring (Method 1633) - Semiannual

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
Perfluoroheptanesulfonic acid (52604) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluorohexanesulfonic acid (52605) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluorooctanesulfonic acid (52606) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (52607) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (52608) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (52609) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluoropentansulfonic acid (52610) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/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/ EPA Method 1633, or alternative methods specifically approved by the Department, shall be used for the analyses of Per- and Polyfluorinated Alkyl Substances (PFAS).

DSN007P (Continued): PFAS Monitoring (Method 1633) - Semiannual

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
Perfluorononanesulfonic acid (52611) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Hexafluoropropylene oxide dimer acid (52612) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Nonafluoro-3,6-dioxaheptanoic acid (52626) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluoro(2-ethoxyethane)sulfonic acid (52629) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluorododecanesulfonic acid (52632) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
4,8-Dioxa-3H-perfluorononanoic acid (52636) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
N-methyl perfluorooctanesulfonamide (52641) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/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/ EPA Method 1633, or alternative methods specifically approved by the Department, shall be used for the analyses of Per- and Polyfluorinated Alkyl Substances (PFAS).

DSN007P (Continued): PFAS Monitoring (Method 1633) - Semiannual

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
N-ethyl perfluorooctanesulfonamide (52642) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
3-Perfluoropropyl propanoic acid (PF001) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluoro-3-methoxypropanoic acid (PF002) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (PF003) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (PF004) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
3-Perfluoroheptyl propanoic acid (PF005) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
Perfluoro-4-methoxybutanoic acid (PF006) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months
2H,2H,3H,3H-Perfluorooctanoic acid (PF007) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/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/ EPA Method 1633, or alternative methods specifically approved by the Department, shall be used for the analyses of Per- and Polyfluorinated Alkyl Substances (PFAS).

DSN007T: Process wastewater from treated landfill leachate and stormwater runoff from landfill operations.

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
Toxicity, Ceriodaphnia Acute 3/ (61425) Effluent Gross Value	*****	0 Single Sample	pass=0; fail=1	*****	*****	*****	*****	Quarterly	Grab	All Months
Toxicity, Pimephales Acute 3/ (61427) Effluent Gross Value	*****	0 Single Sample	pass=0; fail=1	*****	*****	*****	*****	Quarterly	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 Effluent Toxicity and Biomonitoring Requirements.

DSN008Q: Stormwater and groundwater from the sedimentation ponds serving the borrow pit 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.	Quarterly	Grab	All Months
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Quarterly	Grab	All Months
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Quarterly	Estimate	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.

DSN009Q: Stormwater and groundwater from the sedimentation ponds serving the borrow pit 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.	Quarterly	Grab	All Months
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Quarterly	Grab	All Months
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Quarterly	Estimate	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.

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. The Permittee shall submit to the Department a study prepared by an Alabama Registered Professional Engineer outlining an assessment of methods for decreasing levels of Total Suspended Solids (TSS) discharged from Outfalls DSN001 – DSN006. The report shall consider predicted treatability levels, corrective action plans, implementation schedules, and the cost-effectiveness of implementing additional TSS removal. The study shall be submitted to the Department no later than 180 days from the effective date of this permit.

3. 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-dini-trophenol; 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 30l(c), 30l(g), 30l(h), 30l(k), or 3l6(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. EFFLUENT TOXICITY LIMITATIONS AND BIOMONITORING REQUIREMENTS

1. **The permittee shall perform 48-hour acute toxicity screening tests on the wastewater discharges required to be tested for acute toxicity by Part I of this permit.**

a. Test Requirements:

(1) The sample shall be diluted using appropriate control water, to the Instream Waste Concentration which is 1% effluent. The IWC is the actual concentration, after mixing, in the receiving stream during a 7-day, 10 year flow period.

(2) Any test where survival in the effluent concentration is less than 90% and statistically lower than the control indicates acute toxicity and constitutes noncompliance with this permit.

b. General Test Requirements:

(1) A grab sample shall be obtained for use in above biomonitoring tests. The holding time for each sample shall not exceed 36 hours. The control water shall be a water prepared in the laboratory in accordance with the EPA procedure described in EPA 821-R-02-012 or most current edition or another control water selected by the permittee and approved by the Department.

(2) Effluent toxicity tests in which the control survival is less than 90% or in which the other requirements of the EPA Test Procedure are not met shall be unacceptable and the permittee shall rerun the tests as soon as practical within the monitoring period.

(3) In the event of an invalid test, upon subsequent completion of a valid test, the results of all tests, valid and invalid, are reported with an explanation of the tests performed and results.

c. Reporting Requirements:

(1) The permittee shall notify the Department in writing within 48 hours after toxicity has been demonstrated by the scheduled test(s).

(2) Biomonitoring test results obtained during each monitoring period shall be summarized and reported using the appropriate Discharge Monitoring Report (DMR) form approved by the Department. In accordance with Section 2. of this part, an effluent toxicity report containing the information in Section 2. shall be included with the DMR. Two copies of the test results must be submitted to the Department no later than 28 days after the month in which the tests were performed.

d. Additional Testing Requirements:

(1) If acute toxicity is indicated (noncompliance with permit limit), the permittee shall perform four additional valid acute toxicity tests in accordance with these procedures to determine the extent and duration of the toxic condition. The toxicity tests shall be performed once per week and shall be performed during the first four calendar weeks following the date on which the permittee became aware of the permit noncompliance and the results of these tests shall be submitted no later than 28 days following the month in which the tests were performed.

(2) After evaluation of the results of the follow-up tests, the Department will determine if additional action is appropriate and may require additional testing and/or toxicity reduction measures. The permittee may be required to perform a Toxicity Identification Evaluation (TIE) and/or a Toxicity Reduction Evaluation (TRE). The TIE/TRE shall be performed in accordance with the most recent protocols/guidance outlined by EPA (e.g., EPA/600/2-88/062, EPA/600/R-92/080, EPA/600/R-92/081, EPA/833/B-99/022 and/or EPA/600/6-91/005F, etc.).

e. Test Methods:

The tests shall be performed in accordance with the latest edition of the "EPA Methods for Measuring the Acute Toxicity of Effluents to Freshwater and Marine Organisms" and shall be performed using the fathead minnow (*Pimephales promelas*) and the cladoceran (*Ceriodaphnia dubia*).

2. Effluent toxicity testing reports

The following information shall be submitted with each discharge monitoring report unless otherwise directed by the Department. The Department may at any time suspend or reinstate this requirement or may increase or decrease the frequency of submittals.

a. Introduction

(1) Facility Name, location and county

(2) Permit number

(3) Toxicity testing requirements of permit

(4) Name of receiving water body

(5) Contract laboratory information (if tests are performed under contract)

(i) Name of firm

(ii) Telephone number

(iii) Address

(6) Objective of test

b. Plant Operations

(1) Discharge operating schedule (if other than continuous)

(2) Volume of discharge during sample collection to include Mean daily discharge on sample collection date (MGD, CFS, GPM)

(3) Design flow of treatment facility at time of sampling

c. Source of Effluent and Dilution Water

(1) Effluent samples

(i) Sampling point

(ii) Sample collection dates and times (to include composite sample start and finish times)

(iii) Sample collection method

(iv) Physical and chemical data of undiluted effluent samples (water temperature, pH, alkalinity, hardness, specific conductance, total residual chlorine (if applicable), etc.)

(v) Sample temperature when received at the laboratory

(vi) Lapsed time from sample collection to delivery

(vii)Lapsed time from sample collection to test initiation

(2) Dilution Water Samples

(i) Source

(ii) Collection date(s) and time(s) (where applicable)

(iii) Pretreatment

(iv) Physical and chemical characteristics (pH, hardness, water temperature, alkalinity, specific conductance, etc.)

d. Test Conditions

(1) Toxicity test method utilized

(2) End point(s) of test

(3) Deviations from referenced method, if any, and reason(s)

(4) Date and time test started

(5) Date and time test terminated

(6) Type and volume of test chambers

(7) Volume of solution per chamber

(8) Number of organisms per test chamber

(9) Number of replicate test chambers per treatment

(10) Test temperature, pH and dissolved oxygen as recommended by the method (to include ranges)

(11) Feeding frequency, and amount and type of food

(12) Light intensity (mean)

e. Test Organisms

(1) Scientific name

(2) Life stage and age

(3) Source

(4) Disease treatment (if applicable)

f. Quality Assurance

(1) Reference toxicant utilized and source

(2) Date and time of most recent acute reference toxicant test(s), raw data, and current cusum chart(s)

(3) Dilution water utilized in reference toxicant test

(4) Results of reference toxicant test(s) (LC50, etc.), report concentration-response relationship and evaluate test sensitivity. The most recent reference toxicant test shall be conducted within 30-days of the routine.

(5) Physical and chemical methods utilized

g. Results

(1) Provide raw toxicity data in tabular form, including daily records of affected organisms in each concentration (including controls) and replicate

(2) Provide table of endpoints: LC50, NOAEC, Pass/Fail (as required in the applicable NPDES permit)

(3) Indicate statistical methods used to calculate endpoints

(4) Provide all physical and chemical data required by method

(5) Results of test(s) (LC50, NOAEC, Pass/Fail, etc.), report concentration-response relationship (definitive test only), report percent minimum significant difference (PMSD)

h. Conclusions and Recommendations

(1) Relationship between test endpoints and permit limits

(2) Action to be taken

Adapted from "Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms", Fifth Edition, October 2002 (EPA 821-R-02-012), Section 12, Report Preparation

ADEM PERMIT RATIONALE

PREPARED DATE: November 11, 2025
PREPARED BY: Clint Dear

Permittee Name: BFI Waste Systems of Alabama, LLC

Facility Name: Timberlands Landfill

Permit Number: AL0079171

PERMIT IS REISSUANCE DUE TO EXPIRATION

DISCHARGE SERIAL NUMBERS (DSN) & DESCRIPTIONS:

DSN	Description
001-006	Stormwater runoff from landfill operations.
007	Process wastewater from treated landfill leachate and stormwater runoff from landfill operations.
008 & 009	Stormwater and groundwater from the sedimentation ponds serving the borrow pit areas.

INDUSTRIAL CATEGORY: 40 CFR Part 445 – Landfills Point Source Category
§ 445.21 (BPT) Subpart B – RCRA Subtitle D Non-Hazardous Waste Landfill

MAJOR: **No**

STREAM INFORMATION:

Outfalls	DSN001-DSN006, DSN008, & DSN009	DSN007
Receiving Stream:	Unnamed Tributary to Burnt Corn Creek	Burnt Corn Creek
Classification:	Fish and Wildlife (F&W)	Swimming/Fish and Wildlife (S/F&W)
River Basin:	Perdido-Escambia River Basin	Perdido-Escambia River Basin
7Q10:	0.0 cfs	9.44 cfs
1Q10:	0.0 cfs	8.21 cfs
Annual Average Flow:	0.0 cfs	168.51 cfs
303(d) List:	No	Yes
Impairment:	N/A	Metals (Mercury)
Source of Impairment:	N/A	Atmospheric Deposition
TMDL:	No	No

DISCUSSION:

Timberlands Landfill is a private solid waste landfill. Stormwater runoff from the site is discharged to an Unnamed Tributary to Burnt Corn Creek through outfalls DSN001 through DSN006. Leachate from the site is treated using a constructed wetlands system that includes an aerated pond and a four cell subsurface wetlands system. Treated leachate is permitted to be discharged through DSN007 to Burnt Corn Creek upon construction. DSN008 and DSN009 also discharge to an unnamed tributary to Burnt Corn Creek. DSN008 drains stormwater and groundwater from a

sedimentation basin (soil borrow pit area #1), and DSN009 drains stormwater and groundwater from a sedimentation basin (soil borrow pit area #2). Both borrow pits are located within the confines of the existing landfill property.

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.

DSN001Q: Stormwater runoff from landfill operations.

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
BOD, 5-Day (20 Deg. C) (00310) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
pH (00400) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Quarterly	Grab	All Months	BPJ
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Solids, Settleable (00545) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Cadmium, Total (As Cd) (01027) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Chromium, Total (As Cr) (01034) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Copper, Total (As Cu) (01042) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Quarterly	Estimate	All Months	BPJ
Solids, Total Dissolved (TDS) (70296) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Chemical Oxygen Demand (COD) (81017) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ

DSN002Q: Stormwater runoff from landfill operations.

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
BOD, 5-Day (20 Deg. C) (00310) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
pH (00400) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Quarterly	Grab	All Months	BPJ
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Solids, Settleable (00545) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Cadmium, Total (As Cd) (01027) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Chromium, Total (As Cr) (01034) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Copper, Total (As Cu) (01042) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Quarterly	Estimate	All Months	BPJ
Solids, Total Dissolved (TDS) (70296) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Chemical Oxygen Demand (COD) (81017) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ

DSN003Q: Stormwater runoff from landfill operations.

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
BOD, 5-Day (20 Deg. C) (00310) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
pH (00400) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Quarterly	Grab	All Months	BPJ
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Solids, Settleable (00545) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Cadmium, Total (As Cd) (01027) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Chromium, Total (As Cr) (01034) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Copper, Total (As Cu) (01042) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Quarterly	Estimate	All Months	BPJ
Solids, Total Dissolved (TDS) (70296) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Chemical Oxygen Demand (COD) (81017) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ

DSN004Q: Stormwater runoff from landfill operations.

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
BOD, 5-Day (20 Deg. C) (00310) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
pH (00400) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Quarterly	Grab	All Months	BPJ
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Solids, Settleable (00545) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Cadmium, Total (As Cd) (01027) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Chromium, Total (As Cr) (01034) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Copper, Total (As Cu) (01042) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Quarterly	Estimate	All Months	BPJ
Solids, Total Dissolved (TDS) (70296) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Chemical Oxygen Demand (COD) (81017) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ

DSN005Q: Stormwater runoff from landfill operations.

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
BOD, 5-Day (20 Deg. C) (00310) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
pH (00400) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Quarterly	Grab	All Months	BPJ
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Solids, Settleable (00545) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Cadmium, Total (As Cd) (01027) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Chromium, Total (As Cr) (01034) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Copper, Total (As Cu) (01042) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Quarterly	Estimate	All Months	BPJ
Solids, Total Dissolved (TDS) (70296) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Chemical Oxygen Demand (COD) (81017) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ

DSN006Q: Stormwater runoff from landfill operations.

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
BOD, 5-Day (20 Deg. C) (00310) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
pH (00400) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Quarterly	Grab	All Months	BPJ
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Solids, Settleable (00545) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Cadmium, Total (As Cd) (01027) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Chromium, Total (As Cr) (01034) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Copper, Total (As Cu) (01042) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Quarterly	Estimate	All Months	BPJ
Solids, Total Dissolved (TDS) (70296) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Chemical Oxygen Demand (COD) (81017) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ

DSN0071: Process wastewater from treated landfill leachate and stormwater runoff from landfill operations.

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
Oxygen, Dissolved (DO) (00300) Effluent Gross Value	*****	*****	*****	(Report) Minimum Daily	*****	*****	mg/l	Monthly	Grab	All Months	WQBEL
BOD, 5-Day (20 Deg. C) (00310) Effluent Gross Value	*****	*****	*****	*****	37 Monthly Average	140 Maximum Daily	mg/l	Weekly	Composite	All Months	EGL
pH (00400) Effluent Gross Value	*****	*****	*****	6.0 Minimum Daily	*****	8.5 Maximum Daily	S.U.	Monthly	Grab	All Months	WQBEL
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	27 Monthly Average	88 Maximum Daily	mg/l	Weekly	Composite	All Months	EGL
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Monthly	Grab	All Months	BPJ
Nitrogen, Ammonia Total (As N) (00610) Effluent Gross Value	*****	*****	*****	*****	4.9 Monthly Average	7.3 Maximum Daily	mg/l	Monthly	Grab	All Months	WQBEL
Nitrogen, Kjeldahl Total (As N) (00625) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Monthly	Grab	Apr, May, Jun, Jul, Aug, Sep, Oct	BPJ
Nitrite Plus Nitrate Total 1 Det. (As N) (00630) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Monthly	Grab	Apr, May, Jun, Jul, Aug, Sep, Oct	BPJ
Phosphorus, Total (As P) (00665) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Monthly	Grab	Apr, May, Jun, Jul, Aug, Sep, Oct	BPJ
Arsenic, Total Recoverable (00978) Effluent Gross Value	*****	*****	*****	*****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	Grab	All Months	BPJ
Selenium, Total Recoverable (00981) Effluent Gross Value	*****	*****	*****	*****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	Grab	All Months	BPJ
Nickel Total Recoverable (01074) Effluent Gross Value	*****	*****	*****	*****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	Grab	All Months	BPJ
Zinc, Total (As Zn) (01092) Effluent Gross Value	*****	*****	*****	*****	0.11 Monthly Average	0.20 Maximum Daily	mg/l	Weekly	Composite	All Months	EGL
Lead, Total Recoverable (01114) Effluent Gross Value	*****	*****	*****	*****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	Grab	All Months	BPJ
Copper Total Recoverable (01119) Effluent Gross Value	*****	*****	*****	*****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	Grab	All Months	BPJ
Cyanide (A) (01257) Effluent Gross Value	*****	*****	*****	*****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	Grab	All Months	BPJ
Phenol, Single Compound (34694) Effluent Gross Value	*****	*****	*****	*****	0.015 Monthly Average	0.026 Maximum Daily	mg/l	Weekly	Composite	All Months	EGL

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	(Report) Monthly Average	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Daily	Totalizer	All Months	BPJ
Solids, Total Dissolved (70295) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Monthly	Grab	All Months	BPJ
Mercury Total Recoverable (71901) Effluent Gross Value	*****	*****	*****	*****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Monthly	Grab	All Months	BPJ
P-Cresol (77146) Effluent Gross Value	*****	*****	*****	*****	0.014 Monthly Average	0.025 Maximum Daily	mg/l	Weekly	Composite	All Months	EGL
Benzoic Acids - Total (77247) Effluent Gross Value	*****	*****	*****	*****	0.071 Monthly Average	0.12 Maximum Daily	mg/l	Weekly	Composite	All Months	EGL
Alpha-Terpineol (1) (77493) Effluent Gross Value	*****	*****	*****	*****	0.016 Monthly Average	0.033 Maximum Daily	mg/l	Weekly	Composite	All Months	EGL
BOD, Carbonaceous 05 Day, 20C (80082) Effluent Gross Value	*****	*****	*****	*****	37.0 Monthly Average	55.5 Maximum Daily	mg/l	Monthly	Grab	All Months	WQBEL

DSN007P: PFAS Monitoring (Method 1633) - Semiannual

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
Perfluorooctanoic Acid (51521) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluorobutanoic Acid (51522) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluorooctanesulfonamide (51525) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluoropentanoic Acid (51623) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluorohexanoic Acid (51624) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluoroheptanoic Acid (51625) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluorononanoic acid (51626) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluorodecanoic Acid (51627) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluoroundecanoic Acid (51628) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluorododecanoic acid (51629) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
Perfluorotridecanoic Acid (51630) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluorotetradecanoic Acid (51631) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
N-ethyl perfluorooctanesulfonamidoethanol (51641) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
N-methyl perfluorooctanesulfonamidoethanol (51642) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
2-(N-ethyl-PFOSA) acetic acid (51643) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
2-(N-methyl-PFOSA) acetic acid (51644) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluorobutanesulfonic acid (52602) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluorodecanesulfonic acid (52603) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluoroheptanesulfonic acid (52604) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluorohexanesulfonic acid (52605) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluorooctanesulfonic acid (52606) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (52607) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (52608) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (52609) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluoropentansulfonic acid (52610) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
Perfluorononanesulfonic acid (52611) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Hexafluoropropylene oxide dimer acid (52612) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Nonafluoro-3,6-dioxaheptanoic acid (52626) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluoro(2-ethoxyethane)sulfonic acid (52629) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluorododecanesulfonic acid (52632) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
4,8-Dioxa-3H-perfluorononanoic acid (52636) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
N-methyl perfluorooctanesulfonamide (52641) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
N-ethyl perfluorooctanesulfonamide (52642) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
3-Perfluoropropyl propanoic acid (PF001) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluoro-3-methoxypropanoic acid (PF002) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (PF003) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (PF004) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
3-Perfluoroheptyl propanoic acid (PF005) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ
Perfluoro-4-methoxybutanoic acid (PF006) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
2H,2H,3H,3H-Perfluorooctanoic acid (PF007) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Single Sample	ng/l	Semi-Annually	Grab	All Months	BPJ

DSN007T: Process wastewater from treated landfill leachate and stormwater runoff from landfill operations.

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
Toxicity, Ceriodaphnia Acute (61425) Effluent Gross Value	*****	0 Single Sample	pass=0;fail=1	*****	*****	*****	*****	Quarterly	Grab	All Months	WQBEL
Toxicity, Pimephales Acute (61427) Effluent Gross Value	*****	0 Single Sample	pass=0; fail=1	*****	*****	*****	*****	Quarterly	Grab	All Months	WQBEL

DSN008Q: Stormwater and groundwater from the sedimentation ponds serving the borrow pit 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.	Quarterly	Grab	All Months	BPJ
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Quarterly	Estimate	All Months	BPJ

DSN009Q: Stormwater and groundwater from the sedimentation ponds serving the borrow pit 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.	Quarterly	Grab	All Months	BPJ
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Quarterly	Estimate	All Months	BPJ

*Basis for Permit Limitation

- BPJ – Best Professional Judgment
- WQBEL – Water Quality Based Effluent Limits
- EGL – Federal Effluent Guideline Limitations
- 303(d) – 303(d) List of Impaired Waters
- TMDL – Total Maximum Daily Load Requirement

Discussion

DSN001Q – DSN006Q - Storm water runoff from landfill operations

Best Professional Judgment (BPJ)
The parameters of concern for these outfalls 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 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.

Flow
Flow monitoring shall be measured by estimated readings with no limitations imposed.

Landfill General Permit Requirements
This facility was previously covered by General Storm Water Permit ALG160055. The proposed monitoring requirements for outfalls DSN001 – DSN006 are similar to these requirements.

Based on the current permit, the monitoring frequency for the stormwater outfalls is proposed to continue at once per quarter.

Total Suspended Solids (TSS) Minimization Plan
Based on a review of historical DMR data and data submitted in the reissuance application, elevated levels of TSS were reported. The following schedule of compliance is proposed for TSS, "The Permittee shall submit to the Department a study prepared by an Alabama Registered Professional Engineer outlining an assessment of methods for decreasing levels of Total Suspended Solids (TSS) discharged from Outfalls DSN001 – DSN006. The report shall consider predicted treatability levels, corrective action plans, implementation schedules, and the cost-effectiveness of implementing additional TSS removal. The study shall be submitted to the Department no later than **180 days from the effective date** of this permit." This schedule of compliance can be found in Part I.E.2. of the permit.

DSN007: Process wastewater from treated landfill leachate and stormwater runoff from landfill operations

The Permittee notified the Department that the discharge point at DSN007 has not completed construction as of September 30, 2025. BFI Waste Systems of Alabama, LLC shall provide written notice to the Department when the discharge point is constructed and prior to discharge. A footnote has been added to DSN007 in Part I.A. of the permit.

Water Quality Based Effluent Limits (WQBEL)

Dissolved Oxygen (D.O.)
Monitoring for Dissolved Oxygen at DSN007 is proposed to continue as report only with no limits at this time.

pH
ADEM Administrative Code, Division 6 Regulations, specifically 335-6-10-.09(3)(c)2. and 335-6-10-.09(5)(e)2. – Specific Water Quality for Swimming and Fish & Wildlife classified streams states: "Sewage, industrial waste or other wastes shall not cause the pH to deviate more than one unit from then normal or natural pH, nor be less than 6.0, nor greater than 8.5 standard units." Therefore, pH monitoring is required once per month for this outfall and shall not deviate from a range of 6.0 to 8.5 s.u.

Ammonia-Nitrogen as N
Ammonia-Nitrogen as N will be monitored with a daily maximum of 7.3 mg/l and a monthly average of 4.9 mg/l based on the most recent Water Quality Waste Load Allocation (WLA) Model completed by the Department. It is ADEM's policy to use a multiplication factor of 1.5 x the monthly average in determining

the daily maximum limit for each of the conventional pollutants. The monitoring frequencies for Ammonia-Nitrogen as N is continued at once per month.

Carbonaceous Biochemical Oxygen Demand ($cBOD_5$)
cBOD will be monitored with a daily maximum of 55.5 mg/l and a monthly average of 37.0 mg/l based on the most recent WLA model completed by the Department. It is ADEM's policy to use a multiplication factor of 1.5 x the monthly average in determining the daily maximum limit for each of the conventional pollutants. The monitoring frequencies for cBOD is continued at once per month.

Acute Toxicity Biomonitoring
In view of the potential toxicity of the wastewater from synergistic effects, biomonitoring is required at this facility. Acute Toxicity testing is typically appropriate in permits when the effluent flow is less than 1% of the 7Q10 of the receiving stream with no diffuser.

The sampling and testing will be conducted at an In-Stream Waste Concentration (IWC) of 1%, based on the following equation:

$$IWC = \frac{\text{(Facility (LTA) flow)}}{\text{(Facility LTA flow) + (7Q10)}} \times 100\%$$

Where

Facility Long Term Average (LTA) flow = 0.030 MGD
7Q10 of Burnt Corn Creek = 9.44 cfs = 6.10 MGD

$$IWC = \frac{0.030\ MGD}{(0.030\ MGD) + (6.10\ MGD)} \times 100\%$$

$$IWC = 0.49\% \sim 1\%$$

The IWC was determined using an assumed complete mix with the receiving stream 7Q10 of 9.44 cfs. The monitoring frequency shall be once per quarter.

Numeric Reasonable Potential Analysis (RPA)
A numeric RPA (see attached) was performed for Outfall DSN007 using analytical data submitted on EPA Form 2C to determine if the effluent discharge to the receiving stream would cause a potential to violate water quality criteria at the point of discharge. No parameters included in the analysis showed a reasonable potential to violate water quality standards; therefore, no additional limitations are proposed in this permit issuance.

Best Professional Judgment (BPJ)
The parameters of concern for this outfall are based on the parameters of concern listed in EPA form 2C of the application 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 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.

Total Kjeldahl Nitrogen (As N) (TKN), Nitrite + Nitrate Total (As N), and Phosphorus, Total (As P)
Based on the most recent WLA model, TKN, Nitrite + Nitrate Total (As N), and Total Phosphorus are proposed to be monitored monthly from April through October. No limitations are proposed at this time.

Arsenic, Copper, Cyanide, Lead, Mercury, Nickel, and Selenium
The BPJ metals and Amenable Cyanide are continued as an indicator pollutants from the current permit. Monitoring for Arsenic is being proposed in this permit issuance based on data from EPA Form 2C. "Report only" monitoring is required at this time at a monthly frequency.

Federal Effluent Guideline Limitations (EGL)

Parameters based upon EGL have had effluent guidelines established under the 40 CFR 445 Subpart B (445.21), RCRA Subtitle D Non-Hazardous Landfill Limitations. The effluent limitations attainable by the application of the best practicable control technology currently available (BPT) are shown below:

BPT Effluent Limitations

Regulated parameter	Maximum Daily (mg/l)	Monthly Average (mg/l)
BOD	140	37
TSS	88	27
Ammonia (as N)	10	4.9
α-Terpineol	0.033	0.016
Benzoic acid	0.12	0.071
p-Cresol	0.025	0.014
Phenol	0.026	0.015
Zinc	0.20	0.11
pH	1/	1/

1/ Within the range 6 to 9.

303(d) List of Impaired Waters

Burnt Corn Creek is listed on the 2024 303(d) List of Impaired Waters for metals (Mercury). The source of this impairment is from atmospheric deposition. Monitoring for Mercury at DSN007 has already been proposed in this permit to ensure that further degradation of the stream does not occur. The sampling frequency is proposed to continue at once per month.

PFAS Rationale

Per- and Polyfluoroalkyl Substances (PFAS)

Based upon the Department's review of this facility the Department has determined that it is appropriate to include PFAS monitoring in the permit to obtain more comprehensive monitoring information on potential sources of PFAS. EPA has indicated that they are developing effluent guidelines, analytical methods, and establishing recommended water quality criteria for PFAS.

Unless indicated by other information, the Department has determined that it is appropriate to establish PFAS monitoring on process discharges from the following industry sectors: organic chemicals, plastics & synthetic fibers (OCPSF); metal finishing; electroplating; electric and electronic components; landfills which require an NPDES or SID permit; leather tanning & finishing; plastics molding & forming; textile mills; paint formulating, and centralized waste treatment units.

DSN008Q, DSN009Q – Stormwater and groundwater from sedimentation ponds serving the soil borrow pit areas.

Best Professional Judgment (BPJ)

The characteristics of the storm runoff discharged through outfalls DSN008 and DSN009 are expected to be consistent with stormwater from excavation activity. This modification does not permit the discharge of storm water associated with waste disposal activities through these outfalls. For this reason, conventional pollutants such as total suspended solids and oil & grease are the main parameters of concern. The parameters with specific limits are discussed below:

Oil & Grease

The daily maximum limit for Oil and Grease should prevent the occurrence of a visible sheen in the stream and has been shown to be achievable using proper BMPs.

Flow

Flow monitoring shall be measured by estimated readings. Limits are not proposed.

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).

Facility Name: **Timberlands Landfill**

NPDES No.: **AL0079171 -**

11/18/2025

$$Q_d*C_d + Q_{d2}*C_{d2} + Q_s*C_s = Q_r*C_r$$

ID	Pollutant	Carcinogen "yes"	Type	Background from upstream source (C_{d2}) Daily Max	Background from upstream source (C_{d2}) Monthly Ave	Background Instream (C_s) Daily Max	Background Instream (C_s) Monthly Ave	**Enter** Max Daily Discharge as reported by Applicant (C_d) Max	**Enter** Avg Daily Discharge as reported by Applicant (C_d) Ave	Partition Coefficient (Stream / Lake)
				µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	
1	Antimony		Metals	0	0	0	0	20	20	-
2	**Arsenic*,****	YES	Metals	0	0	0	0	45	45	0.574
3	Berylium		Metals	0	0	0	0	0	0	-
4	Cadmium**		Metals	0	0	0	0	0	0	0.236
5	Chromium / Chromium III**		Metals	0	0	0	0	32	32	0.210
6	Chromium / Chromium VI**		Metals	0	0	0	0	0	0	
7	Copper**		Metals	0	0	0	0	3.2	3.2	0.388
8	Lead**		Metals	0	0	0	0	0	0	0.206
9	Mercury**		Metals	0	0	0	0	0	0	0.302
10	Nickel**		Metals	0	0	0	0	84	84	0.505
11	Selenium		Metals	0	0	0	0	0	0	-
12	Silver		Metals	0	0	0	0	0	0	-
13	Thallium		Metals	0	0	0	0	0	0	-
14	Zinc**		Metals	0	0	0	0	66	66	0.330
15	Cyanide		Metals	0	0	0	0	8.2	8.2	-
16	Total Phenolic Compounds		Metals	0	0	0	0	11	11	-
17	Hardness (As CaCO3)		Metals	0	0	0	0	0	0	-
18	Acrolein		VOC	0	0	0	0	0	0	-
19	**Acrylonitrile***	YES	VOC	0	0	0	0	0	0	-
20	**Aldrin**	YES	VOC	0	0	0	0	0	0	-
21	**Benzene***	YES	VOC	0	0	0	0	0	0	-
22	**Bromoform***	YES	VOC	0	0	0	0	0	0	-
23	**Carbon Tetrachloride***	YES	VOC	0	0	0	0	0	0	-
24	**Chlordane**	YES	VOC	0	0	0	0	0	0	-
25	Clorobenzene		VOC	0	0	0	0	0	0	-
26	**Chlorodibromo-Methane***	YES	VOC	0	0	0	0	0	0	-
27	Chloroethane		VOC	0	0	0	0	0	0	-
28	2-Chloro-Ethylvinyl Ether		VOC	0	0	0	0	0	0	-
29	**ChloroForm***	YES	VOC	0	0	0	0	0	0	-
30	**4,4'-DDD**	YES	VOC	0	0	0	0	0	0	-
31	**4,4'-DDE**	YES	VOC	0	0	0	0	0	0	-
32	**4.4'-DDT**	YES	VOC	0	0	0	0	0	0	-
33	**Dichlorobromo-Methane***	YES	VOC	0	0	0	0	0	0	-
34	1, 1-Dichloroethane		VOC	0	0	0	0	0	0	-
35	**1, 2-Dichloroethane***	YES	VOC	0	0	0	0	0	0	-
36	Trans-1, 2-Dichloro-Ethylene		VOC	0	0	0	0	0	0	-
37	**1, 1-Dichloroethylene***	YES	VOC	0	0	0	0	0	0	-
38	1, 2-Dichloropropane		VOC	0	0	0	0	0	0	-
39	1, 3-Dichloro-Propylene		VOC	0	0	0	0	0	0	-
40	**Dieldrin**	YES	VOC	0	0	0	0	0	0	-
41	Ethylbenzene		VOC	0	0	0	0	0	0	-
42	Methyl Bromide		VOC	0	0	0	0	0	0	-
43	Methyl Chloride		VOC	0	0	0	0	0	0	-
44	**Methylene Chloride***	YES	VOC	0	0	0	0	0	0	-
45	**1, 1, 2, 2-Tetrachloro-Ethane***	YES	VOC	0	0	0	0	0	0	-
46	**Tetrachloro-Ethylene***	YES	VOC	0	0	0	0	0	0	-
47	Toluene		VOC	0	0	0	0	0	0	-
48	**Toxaphene**	YES	VOC	0	0	0	0	0	0	-
49	**Tributyltine (TBT)**	YES	VOC	0	0	0	0	0	0	-
50	1, 1, 1-Trichloroethane		VOC	0	0	0	0	0	0	-
51	**1, 1, 2-Trichloroethane***	YES	VOC	0	0	0	0	0	0	-
52	**Trichloroethylene***	YES	VOC	0	0	0	0	0	0	-
53	**Vinyl Chloride***	YES	VOC	0	0	0	0	0	0	-
54	P-Chloro-M-Cresol		Acids	0	0	0	0	0	0	-
55	2-Chlorophenol		Acids	0	0	0	0	0	0	-
56	2, 4-Dichlorophenol		Acids	0	0	0	0	0	0	-
57	2, 4-Dimethylphenol		Acids	0	0	0	0	0	0	-
58	4, 6-Dinitro-O-Cresol		Acids	0	0	0	0	0	0	-
59	2, 4-Dinitrophenol		Acids	0	0	0	0	0	0	-
60	**4,6-Dintro-2-methylophenol**	YES	Acids	0	0	0	0	0	0	-
61	**Dioxin (2,3,7,8-TCDD)**	YES	Acids	0	0	0	0	0	0	-
62	2-Nitrophenol		Acids	0	0	0	0	0	0	-
63	4-Nitrophenol		Acids	0	0	0	0	0	0	-
64	**Pentachlorophenol***	YES	Acids	0	0	0	0	0	0	-
65	Phenol		Acids	0	0	0	0	0	0	-
66	**2, 4, 6-Trichlorophenol***	YES	Acids	0	0	0	0	0	0	-
67	Acenaphthene		Bases	0	0	0	0	0	0	-
68	Acenaphthylene		Bases	0	0	0	0	0	0	-
69	Anthracene		Bases	0	0	0	0	0	0	-
70	Benzidine		Bases	0	0	0	0	0	0	-
71	**Benzo(A)Anthracene***	YES	Bases	0	0	0	0	0	0	-
72	**Benzo(A)Pyrene***	YES	Bases	0	0	0	0	0	0	-
73	3, 4 Benzo-Fluoranthene		Bases	0	0	0	0	0	0	-
74	Benzo(GHI)Perylene		Bases	0	0	0	0	0	0	-
75	Benzo(K)Fluoranthene		Bases	0	0	0	0	0	0	-
76	Bis (2-Chloroethoxy) Methane		Bases	0	0	0	0	0	0	-
77	**Bis (2-Chloroethyl)-Ether***	YES	Bases	0	0	0	0	0	0	-
78	Bis (2-Chloroiso-Propyl) Ether		Bases	0	0	0	0	0	0	-
79	**Bis (2-Ethylhexyl) Phthalate***	YES	Bases	0	0	0	0	0	0	-
80	4-Bromophenyl Phenyl Ether		Bases	0	0	0	0	0	0	-
81	Butyl Benzyl Phthalate		Bases	0	0	0	0	0	0	-
82	2-Chloronaphthalene		Bases	0	0	0	0	0	0	-
83	4-Chlorophenyl Phenyl Ether		Bases	0	0	0	0	0	0	-
84	**Chrysene***	YES	Bases	0	0	0	0	0	0	-
85	Di-N-Butyl Phthalate		Bases	0	0	0	0	0	0	-
86	Di-N-Octyl Phthalate		Bases	0	0	0	0	0	0	-
87	**Dibenzo(A,H)Anthracene***	YES	Bases	0	0	0	0	0	0	-
88	1, 2-Dichlorobenzene		Bases	0	0	0	0	0	0	-
89	1, 3-Dichlorobenzene		Bases	0	0	0	0	0	0	-
90	1, 4-Dichlorobenzene		Bases	0	0	0	0	0	0	-
91	**3, 3-Dichlorobenzidine***	YES	Bases	0	0	0	0	0	0	-
92	Diethyl Phthalate		Bases	0	0	0	0	0	0	-
93	Dimethyl Phthalate		Bases	0	0	0	0	0	0	-
94	**2, 4-Dinitrotoluene***	YES	Bases	0	0	0	0	0	0	-
95	2, 6-Dinitrotoluene		Bases	0	0	0	0	0	0	-
96	1,2-Diphenylhydrazine		Bases	0	0	0	0	0	0	-
97	**Endosulfan (alpha)**	YES	Bases	0	0	0	0	0	0	-
98	**Endosulfan (beta)**	YES	Bases	0	0	0	0	0	0	-
99	**Endosulfan sulfate**	YES	Bases	0	0	0	0	0	0	-
100	**Endrin**	YES	Bases	0	0	0	0	0	0	-
101	**Endrin Aldeyhide**	YES	Bases	0	0	0	0	0	0	-
102	Fluoranthene		Bases	0	0	0	0	0	0	-
103	Fluorene		Bases	0	0	0	0	0	0	-
104	Heptochlor	YES	Bases	0	0	0	0	0	0	-
105	Heptachlor Epoxide	YES	Bases	0	0	0	0	0	0	-
106	**Hexachlorobenzene***	YES	Bases	0	0	0	0	0	0	-
107	**Hexachlorobutadiene***	YES	Bases	0	0	0	0	0	0	-
108	**Hexachlorocyclohexan (alpa)**	YES	Bases	0	0	0	0	0	0	-
109	**Hexachlorocyclohexan (beta)**	YES	Bases	0	0	0	0	0	0	-
110	**Hexachlorocyclohexan (gamma)**	YES	Bases	0	0	0	0	0	0	-
111	HexachlorocycloPentadiene		Bases	0	0	0	0	0	0	-
112	Hexachloroethane		Bases	0	0	0	0	0	0	-
113	**Indeno(1, 2, 3-CK)Pyrene***	YES	Bases	0	0	0	0	0	0	-
114	Isophorone		Bases	0	0	0	0	0	0	-
115	Naphthalene		Bases	0	0	0	0	0	0	-
116	Nitrobenzene		Bases	0	0	0	0	0	0	-
117	**N-Nitrosodi-N-Propylamine***	YES	Bases	0	0	0	0	0	0	-
118	**N-Nitrosodi-N-Methylamine***	YES	Bases	0	0	0	0	0	0	-
119	**N-Nitrosodi-N-Phenylamine***	YES	Bases	0	0	0	0	0	0	-
120	**PCB-1016**	YES	Bases	0	0	0	0	0	0	-
121	**PCB-1221**	YES	Bases	0	0	0	0	0	0	-
122	**PCB-1232**	YES	Bases	0	0	0	0	0	0	-
123	**PCB-1242**	YES	Bases	0	0	0	0	0	0	-
124	**PCB-1248**	YES	Bases	0	0	0	0	0	0	-
125	**PCB-1254**	YES	Bases	0	0	0	0	0	0	-
126	**PCB-1260**	YES	Bases	0	0	0	0	0	0	-
127	Phenanthrene		Bases	0	0	0	0	0	0	-
128	Pyrene		Bases	0	0	0	0	0	0	-
129	1, 2, 4-Trichlorobenzene		Bases	0	0	0	0	0	0	-

0.0096	**Enter Q_d** = wastewater discharge flow from facility (MGD)
0.0148534	Q_d = wastewater discharge flow (cfs) (this value is calucated from the MGD)
0	**Enter flow from upstream discharge** Qd2 = background stream flow in MGD above point of discharge
0	Qd2 = background stream flow from upstream source (cfs)
9.44	**Enter 7Q10, Q_s** = background stream flow in cfs above point of discharge
8.21	**Enter or estimated, 1Q10, Q_s** = background stream flow in cfs above point of discharge (1Q10 estimated at 75% of 7Q10)
168.51	**Enter Mean Annual Flow, Q_s** = background stream flow in cfs above point of discharge
	Enter 7Q2, Q_s = background stream flow in cfs above point of discharge (For LWF class streams)
Enter to Left	**Enter C_s** = background in-stream pollutant concentration in µg/l (assuming this is zero "0" unless there is data)
Q_d +Qd2+Q_s	Q_r = resultant in-stream flow, after discharge
Calculated on other	C_r = resultant in-stream pollutant concentration in µg/l in the stream (after complete mixing occurs)
50	**Enter**, Background Hardness above point of discharge (assumed 50 South of Birmingham and 100 North of Birmingham)
7.00 s.u.	**Enter**, Background pH above point of discharge
YES	**Enter**, Is discharge to a stream? "YES" Other option would be to a Lake. (This changes the partition coefficients for the metals)

** Using Partition Coefficients

November 20, 2025

Facility Name: Timberlands Landfill

NPDES No.: AL0079171 - Outfall 00

Freshwater F&W classification.					Max Daily Discharge as reported by Applicant (C_{max})	Freshwater Acute (µg/l) Q_s =1Q10				Avg Daily Discharge as reported by Applicant (C_{avg})	Freshwater Chronic (µg/l) Q_s = 7Q10				Human Health Consumption Fish only (µg/l) Carcinogen Q_s = Annual Average Non-Carcinogen Q_s = 7Q10			
ID	Pollutant	RP?	Carcinogen yes	Background from upstream source (Cd2) Daily Max		Water Quality Criteria (C_c)	Draft Permit Limit (C_{acute})	20% of Draft Permit Limit	RP?	Background from upstream source (Cd2) Monthly Ave		Water Quality Criteria (C_c)	Draft Permit Limit (C_{chron})	20% of Draft Permit Limit	RP?	Water Quality Criteria (C_c)	Draft Permit Limit (C_{chron})	20% of Draft Permit Limit	RP?
1	Antimony			0	20	-	-	-	-	0	20	-	-	-	-	3.73E+02	2.38E+05	4.75E+04	No
2	Arsenic		YES	0	45	562.334	327996.614	65599.323	No	0	45	261.324	166344.456	33268.892	No	3.03E-01	3.44E+03	6.88E+02	No
3	Beryllium			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
4	Cadmium			0	0	3.975	2201.115	440.223	No	0	0	1.807	1150.089	230.018	No	-	-	-	-
5	Chromium/ Chromium III			0	32	1537.913	851596.914	170319.383	No	0	32	200.051	127341.341	25468.268	No	-	-	-	-
6	Chromium/ Chromium VI			0	0	16.000	8859.767	1771.953	No	0	0	11.000	7001.983	1400.399	No	-	-	-	-
7	Copper			0	3.2	18.026	9981.844	1996.369	No	0	3.2	12.766	8125.856	1625.171	No	-	-	-	-
8	Lead			0	0	146.291	81006.427	16201.285	No	0	0	5.701	3628.779	725.756	No	-	-	-	-
9	Mercury			0	0	2.400	1328.965	265.793	No	0	0	0.012	7.639	1.528	No	4.24E-02	2.70E+01	5.40E+00	No
10	Nickel			0	84	515.824	285630.236	57126.047	No	0	84	57.292	36469.027	7293.805	No	9.93E+02	6.32E+05	1.26E+05	No
11	Selenium			0	0	20.000	11074.709	2214.942	No	0	0	5.000	3182.724	636.545	No	2.43E+03	1.55E+06	3.09E+05	No
12	Silver			0	0	0.976	540.691	108.138	No	0	0	-	-	-	-	-	-	-	-
13	Thallium			0	0	-	-	-	-	0	0	-	-	-	-	2.74E-01	1.74E+02	3.48E+01	No
14	Zinc			0	66	197.360	109290.109	21858.022	No	0	66	198.083	126661.770	25332.354	No	1.49E+04	9.48E+06	1.90E+06	No
15	Cyanide			0	8.2	22.000	12182.180	2436.436	No	0	8.2	5.200	3310.033	662.007	No	9.33E+03	5.94E+06	1.19E+06	No
16	Total Phenolic Compounds			0	11	-	-	-	-	0	11	-	-	-	-	-	-	-	-
17	Hardness (As CaCO3)			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
18	Acrolein			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
19	Acrylonitrile		YES	0	0	-	-	-	-	0	0	-	-	-	-	5.43E+00	3.45E+03	6.91E+02	No
20	Aldrin		YES	0	0	3.000	1661.208	332.241	No	0	0	-	-	-	-	1.44E-01	1.63E+03	3.27E+02	No
21	Benzene		YES	0	0	-	-	-	-	0	0	-	-	-	-	2.94E-05	3.33E-01	6.67E-02	No
22	Bromoform		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.55E+01	1.76E+05	3.51E+04	No
23	Carbon Tetrachloride		YES	0	0	-	-	-	-	0	0	-	-	-	-	7.86E+01	8.94E+05	1.79E+05	No
24	Chlordane		YES	0	0	2.400	1328.965	265.793	No	0	0	0.0043	2.737	0.547	No	9.57E-01	1.09E+04	2.17E+03	No
25	Clorobenzene			0	0	-	-	-	-	0	0	-	-	-	-	4.73E-04	5.36E+00	1.07E+00	No
26	Chlorodibromo-Methane		YES	0	0	-	-	-	-	0	0	-	-	-	-	9.06E+02	5.77E+05	1.15E+05	No
27	Chloroethane			0	0	-	-	-	-	0	0	-	-	-	-	7.41E+02	8.40E+04	1.68E+04	No
28	2-Chloro-Ethylvinyl Ether			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
29	ChloroForm		YES	0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
30	4,4' - DDD		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.02E+02	1.16E+06	2.31E+05	No
31	4,4' - DDE		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.81E-04	2.06E+00	4.12E-01	No
32	4,4' - DDT		YES	0	0	1.100	609.109	121.822	No	0	0	0.001	0.637	0.127	No	1.28E-04	1.45E+00	2.91E-01	No
33	Dichlorobromo-Methane		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.28E-04	1.45E+00	2.91E-01	No
34	1, 1-Dichloroethane			0	0	-	-	-	-	0	0	-	-	-	-	1.00E+01	1.14E+05	2.28E+04	No
35	1, 2-Dichloroethane		YES	0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
36	Trans-1, 2-Dichloro-Ethylene			0	0	-	-	-	-	0	0	-	-	-	-	2.14E+01	2.42E+05	4.85E+04	No
37	1, 1-Dichloroethylene		YES	0	0	-	-	-	-	0	0	-	-	-	-	5.81E+03	3.76E+06	7.52E+05	No
38	1, 2-Dichloropropane			0	0	-	-	-	-	0	0	-	-	-	-	4.17E+03	4.73E+07	9.45E+06	No
39	1, 3-Dichloro-Propylene			0	0	-	-	-	-	0	0	-	-	-	-	8.49E+00	5.41E+03	1.08E+03	No
40	Dieldrin		YES	0	0	0.240	132.897	26.579	No	0	0	0.056	35.647	7.129	No	1.23E+01	7.82E+03	1.56E+03	No
41	Ethylbenzene			0	0	-	-	-	-	0	0	-	-	-	-	3.12E-05	3.54E-01	7.09E-02	No
42	Methyl Bromide			0	0	-	-	-	-	0	0	-	-	-	-	1.24E+03	7.92E+05	1.58E+05	No
43	Methyl Chloride			0	0	-	-	-	-	0	0	-	-	-	-	8.71E+02	5.55E+05	1.11E+05	No
44	Methylene Chloride		YES	0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
45	1, 1, 2, 2-Tetrachloro-Ethane		YES	0	0	-	-	-	-	0	0	-	-	-	-	3.46E+02	3.92E+06	7.84E+05	No
46	Tetrachloro-Ethylene		YES	0	0	-	-	-	-	0	0	-	-	-	-	2.33E+00	2.65E+04	5.29E+03	No
47	Toluene			0	0	-	-	-	-	0	0	-	-	-	-	1.82E+00	2.18E+04	4.35E+03	No
48	Toxaphene		YES	0	0	0.730	404.227	80.845	No	0	0	0.0002	0.127	0.025	No	8.72E+03	5.55E+06	1.11E+06	No
49	Tributyltin (TBT)		YES	0	0	0.460	254.718	50.944	No	0	0	0.072	45.831	9.166	No	1.62E-04	1.84E+00	3.67E-01	No
50	1, 1, 1-Trichloroethane			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
51	1, 1, 2-Trichloroethane		YES	0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
52	Trichloroethylene		YES	0	0	-	-	-	-	0	0	-	-	-	-	9.10E+00	1.03E+05	2.06E+04	No
53	Vinyl Chloride		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.75E+01	1.98E+05	3.96E+04	No
54	P-Chloro-M-Cresol			0	0	-	-	-	-	0	0	-	-	-	-	1.42E+00	1.62E+04	3.23E+03	No
55	2-Chlorophenol			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
56	2, 4-Dichlorophenol			0	0	-	-	-	-	0	0	-	-	-	-	8.71E+01	5.54E+04	1.11E+04	No
57	2, 4-Dimethylphenol			0	0	-	-	-	-	0	0	-	-	-	-	1.72E+02	1.09E+05	2.19E+04	No
58	4, 6-Dinitro-O-Cresol			0	0	-	-	-	-	0	0	-	-	-	-	4.89E+02	3.17E+05	6.33E+04	No
59	2, 4-Dinitrophenol			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
60	4,6-Dinitro-2-methylphenol		YES	0	0	-	-	-	-	0	0	-	-	-	-	3.11E+03	1.96E+06	3.96E+05	No
61	Dioxin (2,3,7,8-TCDD)		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.65E+02	1.88E+06	3.75E+05	No
62	2-Nitrophenol			0	0	-	-	-	-	0	0	-	-	-	-	2.67E-08	3.03E-04	6.05E-05	No
63	4-Nitrophenol			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
64	Pentachlorophenol		YES	0	0	6.723	4830.412	966.082	No	0	0	6.693	4260.129	852.026	No	1.77E+00	2.01E+04	4.01E+03	No
65	Phenol			0	0	-	-	-	-	0	0	-	-	-	-	5.00E+05	3.18E+08	6.37E+07	No
66	2, 4, 6-Trichlorophenol		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.41E+00	1.60E+04	3.21E+03	No
67	Acenaphthene			0	0	-	-	-	-	0	0	-	-	-	-	5.79E+02	3.68E+05	7.36E+04	No
68	Acenaphthylene			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
69	Anthracene			0	0	-	-	-	-	0	0	-	-	-	-	2.33E+04	1.49E+07	2.97E+06	No
70	Benzidine			0	0	-	-	-	-	0	0	-	-	-	-	1.16E-04	7.38E-02	1.48E-02	No
71	Benzo(A)Anthracene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.07E-02	1.21E+02	2.42E+01	No
72	Benzo(A)Pyrene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.07E-02	1.21E+02	2.42E+01	No
73	Benzo(b)fluoranthene			0	0	-	-	-	-	0	0	-	-	-	-	1.07E-02	6.78E+00	1.36E+00	No
74	Benzo(GHI)Perylene			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
75	Benzo(K)Fluoranthene			0	0	-	-	-	-	0	0	-	-	-	-	1.07E-02	6.78E+00	1.36E+00	No
76	Bis (2-Chloroethoxy) Methane			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
77	Bis (2-Chloroethyl)-Ether		YES	0	0	-	-	-	-	0	0	-	-	-	-	3.07E-01	3.49E+03	6.98E+02	No
78	Bis (2-Chloroiso-Propyl) Ether			0	0	-	-	-	-	0	0	-	-	-	-	3.78E+04	2.41E+07	4.81E+06	No
79	Bis (2-Ethylhexyl) Phthalate		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.28E+00	1.45E+04	2.91E+03	No
80	4-Bromophenyl Phenyl Ether			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
81	Butyl Benzyl Phthalate			0	0	-	-	-	-	0	0	-	-	-	-	1.13E+03	7.18E+05	1.44E+05	No
82	2-Chloronaphthalene			0	0	-	-	-	-	0	0	-	-	-	-	9.24E+02	5.88E+05	1.18E+05	No
83	4-Chlorophenyl Phenyl Ether			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
84	Chrysene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.07E-02	1.21E+02	2.42E+01	No
85	Di-N-Butyl Phthalate			0	0	-	-	-	-	0	0	-	-	-	-	2.62E+03	1.67E+06	3.34E+05	No
86	Di-N-Octyl Phthalate			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
87	Dibenzo(A,H)Anthracene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.07E-02	1.21E+02	2.42E+01	No
88	1, 2-Dichlorobenzene			0	0	-	-	-	-	0	0	-	-	-	-	7.55E+02	4.81E+05	9.62E+04	No
89	1, 3-Dichlorobenzene			0	0	-	-	-	-	0	0	-	-	-	-	5.62E+02	3.58E+05	7.16E+04	No
90	1, 4-Dichlorobenzene			0	0	-	-	-	-	0	0	-	-	-	-	1.12E+02	7.16E+04	1.43E+04	No
91	3, 3-Dichlorobenzidine		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.96E-02	1.86E+02	3.77E+01	No
92	Diethyl Phthalate			0	0	-	-	-	-	0	0	-	-	-	-	2.56E+04	1.63E+07	3.26E+06	No
93	Dimethyl Phthalate			0	0	-	-	-	-	0	0	-	-	-	-	6.48E+05	4.13E+08	8.25E+07	No
94	2, 4-Dinitrotoluene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.88E+00	2.25E+04	4.49E+03	No
95	2, 6-Dinitrotoluene			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
96	1,2-Diphenylhydrazine			0	0	-	-	-	-	0	0	-	-	-	-	1.17E-01	7.46E+01	1.49E+01	No
97	Endosulfan (alpha)		YES	0	0	0.22	121.822	24.364	No	0	0	0.056	35.647	7.129	No	5.19E+01	5.88E+05	1.18E+05	No
98	Endosulfan (beta)		YES	0	0	0.22	121.822	24.364	No	0	0	0.056	35.647	7.129	No	5.19E+01	5.88E+05	1.18E+05	No
99	Endosulfan sulfate		YES	0	0	-	-	-	-	0	0	-	-	-	-	5.19E+01	5.88E+05	1.18E+05	No
100	Endrin		YES	0	0	0.086	47.621	9.524	No	0	0	0.036	22.916	4.583	No	3.53E-02	4.00E+02	8.00E+01	No
101	Endrin Aldeyhde		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.70E-01	2.00E+03	4.00E+02	No
102	Fluoranthene			0	0	-	-	-	-	0	0	-	-	-	-	8.12E+01	5.17E+04	1.03E+04	No
103	Fluorene			0	0	-	-	-	-	0	0	-	-	-	-	3.11E+03	1.98E+06	3.96E+05	No
104	Heptochlor		YES	0	0	0.52	287.942	57.588	No	0	0	0.0038	2.419	0.484	No	4.63E-05	5.25E-01	1.05E-01	No
105	Heptachlor Epoxide		YES	0	0	0.52	287.942	57.588	No	0	0	0.0038	2.419	0.484	No	2.29E-05	2.60E-01	5.19E-02	No
106	Hexachlorobenzene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.58E-04	1.90E+00	3.81E-01	No
107	Hexachlorobutadiene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.08E+01	1.22E+05	2.44E+04	No
108	Hexachlorocyclohexan (alpha)		YES	0	0	-	-	-	-	0	0	-	-	-	-	2.85E-03	3.23E+01	6.46E+00	No
109	Hexachlorocyclohexan (beta)		YES	0	0	-	-	-	-	0	0	-	-	-	-	9.97E-03	1.13E+02	2.26E+01	No
110	Hexachlorocyclohexan (gamma)		YES	0	0	0.95	526.049	105.210	No	0	0	-	-	-	-	1.00E+00	1.22E+04	2.44E+03	No
111	HexachlorocyclоPentadiene			0	0	-	-	-	-	0	0	-	-	-	-	6.45E+02	4.11E+05	8.21E+04	No
112	Hexachloroethane			0	0	-	-	-	-	0	0	-	-	-	-	1.92E+00	1.22E+03	2.44E+02	No
113	Indeno(1, 2, 3-CK)Pyrene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.07E-02	1.21E+02	2.42E+01	No
114	Isophorone			0	0	-	-	-	-	0	0	-	-	-	-	5.81E+02	3.57E+05	7.14E+04	No
115	Naphthalene			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
116	Nitrobenzene			0	0	-	-	-	-	0	0	-	-	-	-	4.04E+02	2.57E+05	5.14E+04	No
117	N-Nitrosodi-N-Propylamine		YES	0	0	-	-	-	-	0	0	-	-	-	-	2.95E-01	3.35E+03	6.69E+02	No
118	N-Nitrosodimethylamine		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.76E+00	2.00E+04	3.99E+03	No
119	N-Nitrosodiphenylamine		YES	0	0	-	-	-	-	0	0	-	-	-	-	3.50E+00	3.97E+04	7.95E+03	No
120	PCB-1016		YES	0	0	-	-	-	-	0	0	0.014	8.912	1.782	No	3.74E-05	4.24E-01	8.49E-02	No
121	PCB-1221		YES	0	0	-	-	-	-	0	0	0.014	8.912	1.782	No	3.74E-05	4.24E-01	8.49E-02	No
122	PCB-1232		YES	0	0	-	-	-	-	0	0	0.014	8.912	1.782	No	3.74E-05	4.24E-01	8.49E-02	No
123	PCB-1242		YES	0	0	-	-	-	-	0	0	0.014	8.912	1.782	No	3.74E-05	4.24E-01	8.49E-02	No
124	PCB-1248		YES	0	0	-	-	-	-	0	0	0.014	8.912	1.782	No	3.74E-05	4.24E-01	8.49E-02	No
125	PCB-1254		YES	0	0	-	-	-	-	0	0	0.014	8.912	1.782	No	3.74E-05	4.24E-01	8.49E-02	No
126	PCB-1260		YES	0	0	-	-	-	-	0	0	0.014	8.912	1.782	No	3.74E-05	4.24E-01	8.49E-02	No
127	Phenanthrene			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
128	Pyrene			0	0	-	-	-	-	0	0	-	-	-	-	2.33E+03	1.49E+06	2.97E+05	No
129	1, 2, 4-Trichlorobenzene			0	0	-	-	-	-	0	0	-	-	-	-	4.05E+01	2.61E+04	5.21E+03	No

Close Form

Waste Load Allocation Summary

Open FILE by permit number

Comments included: [x] Yes [ ] No

General Information

Request Number: 3244 | Page 1

Information Verified By: JBS

Receiving Stream Name: Burnt Corn Creek | Year File Was Created: 2012

Previous File Name: | OR: Local Name (If applicable)

Facility Name: Timberlands Landfill | ID Number: 1492

Previous Discharger Name: | Or-AKA (includes previous file name)

12 Digit HUC Code: 031403040304

River Basin: Perdido-Escambia

County: Escambia

Use Classification: S / F&W | Date of WLA Response: 8/24/2015

Discharge Latitude: 31.249151 | Lat/Long Method: GPS

Discharge Longitude: -87.161507

Site Visit Completed? [x] Yes [ ] No | Approved TMDL? [ ] Yes [x] No

Date of Site Visit: 8/7/2015 | Approval Date of TMDL:

Waterbody Impaired? [ ] Yes [x] No

Antidegradation [x] Yes [ ] No

Permit Information

Waterbody Tier Level: Tier II | Permit Number: AL0079171

Use Support Category: 3 | Permit Status: Active

Other Point Sources? [ ] Yes [x] No

Sources Included in Model

Type of Discharger
- [ ] Municipal
- [ ] Industrial
- [ ] Semipublic/Private
- [ ] Mining

Waste Load Allocation Information

Modeled Reach Length: 8.89 Miles | Date of Allocation: 8/24/2015

Name of Model Used: SWQM | Allocation Type: Annual

Model Completed by: JBS | Type of Model Used: Desk-top

Allocation Developed by: Water Quality Branch

Waste Load Allocation Summary

Annual Effluent Limits

QW	0.2	MGD
CBOD5	37	mg/L
NH3-N	4.9	mg/L
TKN		
D.O.	0	mg/L

Conventional Parameters

Qw	MGD	Qw	MGD
Season		Season	
From		From	
Through		Through	
CBOD5		CBOD5	
NH3-N		NH3-N	
TKN		TKN	
D.O.		D.O.	

Other Parameters

Qw	MGD	Qw	MGD
Season		Season	
From		From	
Through		Through	
TP		TP	
TN		TN	
TSS		TSS	

Annual/Summer NH3-N toxicity based?:

Winter NH3-N toxicity based?:

"Monitor Only" Parameters for Effluent:

Parameter	Frequency	Parameter	Frequency
TP	Monthly (Apr.-Oct.)	DO	Monthly
TKN	Monthly (Apr.-Oct.)		
NO2+NO3-N	Monthly (Apr.-Oct.)		

Water Quality Characteristics Immediately Upstream of Discharge

Parameter	Summer		Winter	
CBODu	2	mg/l		mg/l
NH3-N	0.11	mg/l		mg/l
Temperature	30	°C		°C
pH	7	su		su

Hydrology at Discharge Location

Drainage Area Qualifier: Estimated

			Method Used to Calculate
Drainage Area	114.9	sq mi	
Stream 7Q10	8.5	cfs	ADEM Estimate w/USGS Gage Data
Stream 1Q10	6.41	cfs	ADEM Estimate w/USGS Gage Data
Stream 7Q2	17.49	cfs	ADEM Estimate w/USGS Gage Data
Annual Average	156.19	cfs	ADEM Estimate w/USGS Gage Data

Comments and/or Notations: Facility is proposing to move discharge from Burnt Corn Creek UT to Burnt Corn Creek.

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

version 2.10

(Submission #: HQ9-F74J-SZZWF, version 1)

Details

Submission ID HQ9-F74J-SZZWF

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):
IU332700493

NPDES or General Permit Numbers (if applicable, please list all permit numbers):
AL0079171

Is this facility/site only applying for permit coverage for discharges from stormwater?
No

Is a new stormwater outfall being added?
No

Permit Information

Permit Number
AL0079171

Current Permittee Name
BFI Waste Systems of Alabama, LLC

Permittee

Permittee Name
BFI Waste Systems of Alabama, LLC

Mailing Address

22800 Highway 41

Brewton, AL 36426

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
Andrew	Rodgers

Title
General Manager

Organization Name
Timberlands Landfill

Phone Type	Number	Extension
Business	2515545337	

Email
ARodgers@republicservices.com

Mailing Address

22800 Highway 41

Brewton, AL 36426

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?
DMR Contact,Responsible Official,Notification Recipient,Application Preparer	Amber Hoffman, Republic Services, Inc	*NONE PROVIDED*
Responsible Official,Notification Recipient	Andrew Rodgers, Timberlands Landfill	*NONE PROVIDED*
Applicant,Permittee	BFI Waste Systems of Alabama, LLC	*NONE PROVIDED*
Facility Contact	Darrin Hinderliter, Republic Services, Inc	Remove

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)
COS_BFIWSAL LLC_5092_S.Madill_6-14-23 (1).pdf - 01/23/2025 01:42 PM
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
Scott	Madill

Title
Environmental Manager

Organization Name
Republic Services

Phone Type	Number	Extension
Mobile	9898590376	

Email
smadill@republicservices.com

Mailing Address

2910 North Palafox Street

Pensacola, FL 32501

United States

Facility/Site Information

Facility/Site Name
Timberlands Landfill

Organization/Ownership Type
LLC

Facility/Site Address or Location Description

22800 Highway 41

Brewton, AL 36426

Facility/Site County
Escambia

Detailed Directions to the Facility/Site
65 South to Brewton/AL-41 Exit - go south to 22800 AL-41, Brewton, AL 36426

Facility Map
TB-Site Map_2025 (SWPPP & SPCC)-SWPPP & Drainage Areas- R.pdf - 01/22/2025 12:29 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
31.25568200000001,-87.19222000000001

22800 Highway 41, Brewton, AL

SIC Code(s) [Please enter Primary SIC Code first followed by any additional applicable SIC Codes]
4953-Refuse Systems

NAICS Code(s) [Please enter Primary NAICS Code first followed by any additional applicable NAICS Codes]
562212-Solid Waste Landfill

Facility/Site Contact

Prefix
Mr.

First Name	Last Name
Scott	Madill

Title
Environmental Manager

Organization Name
Republic Services

Phone Type	Number	Extension
Mobile	9898590376	

Email
smadill@republicservices.com

Address
2910 North Palafox Street
Pensacola, FL 32501

DMR Contact(s) (1 of 1)

DMR Contact

Prefix
Mr.

First Name	Last Name
Scott	Madill

Title
Environmental Manager

Phone Type	Number	Extension
Mobile	9898590376	

Email
smadill@republicservices.com

Address
2910 North Palafox Street
Pensacola, FL 32501

Applicant Business Entity Information

Address of Incorporation
18500 North Allied Way
Phoenix, AZ 85054

Agent Designated by the Corporation for Purposes of Service

Name	Address
Scott Madill	2910 N. Palafox St Pensacola, Fl 32501

Please provide all corporate officers

Name	Title	Address
Julia Arambula	President	18500 North Allied Way Phoenix, Arizona 85054 (United States)
Larson Richardson	Vice President	18500 North Allied Way Phoenix, Arizona 85054 (United States)
Robert LaTourette	Vice President	621 Hill Avenue Nashville, Tennessee 37210 (United States)

Name	Title	Address
James G. Amick, Jr.	Vice President	323 Marble Mill Road Marietta, Georgia 30060
Andrienne W. Wilhoit	Vice President	18500 North Allied Way Phoenix, Arizona 85054 (United States)
John B. Nickerson	Vice President	18500 North Allied Way Phoenix, Arizona 85054 (United States)
Ashley Kasarjian	Vice President	18500 North Allied Way Phoenix, Arizona 85054 (United States)
Lawrence D. Focazio	Vice President, Tax	18500 North Allied Way Phoenix, Arizona 85054 (United States)
Lauren McKeon	Secretary	18500 North Allied Way Phoenix, Arizona 85054 (United States)
Ashley Kasarjian	Assistant Secretary	18500 North Allied Way Phoenix, Arizona 85054 (United States)
John B. Nickerson	Assistant Secretary	18500 North Allied Way Phoenix, Arizona 85054 (United States)
Adrienne W. Wilhoit	Assistant Secretary	18500 North Allied Way Phoenix, Arizona 85054 (United States)
Calvin R. Boyd	Treasurer	18500 North Allied Way Phoenix, Arizona 85054 (United States)

Does the applicant applying for coverage have a Parent Corporation?
Yes

Parent Corporation of Applicant

Name	Address
Republic Services, Inc	18500 North Allied Way Phoenix, AZ 85054

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?
Yes

Identify all 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, if any, against the Applicant within the State of Alabama in the past five years.

Facility/Site Name	Permit Number, If Applicable	Type of Action	Date of Action
Timberlands LF 22800 HWY 41 Brewton, AL 36426	No 27-08	Notice of Violation	12/08/2022
Morris Farm LF 4 County Rd 418 Hillsboro, AL 36426	*NONE PROVIDED*	Notice of Violation	12/13/2022
Morris Farm LF 4 County Rd 418 Hillsboro, AL 36426	*NONE PROVIDED*	Notice of Violation	10/05/2022
Pineview LF 2730 Bryan Rd Dora, AL 35062	*NONE PROVIDED*	Notice of Violation	08/15/2022
Morris Farm LF 4 County Rd 418 Hillsboro, AL 36426	*NONE PROVIDED*	Notice of Violation	03/17/2022
Morris Farm LF	*NONE PROVIDED*	Settlement Agreement	03/02/2022
Morris Farm LF	*NONE PROVIDED*	Settlement Agreement	03/02/2022

Facility/Site Name	Permit Number, If Applicable	Type of Action	Date of Action
Morris Farm LF	*NONE PROVIDED*	Judicial Complaint	08/05/2022
Morris Farm LF	*NONE PROVIDED*	Judicial Complaint	02/14/2023

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:
Landfill

Give a brief description of all operations at this facility including primary products or services:
The facility is a sanitary landfill permitted by ADEM under Solid Waste Permit 27-08. It has been in operation since October 1993, and the landfill accepts non-hazardous, non-infectious wastes including household garbage, approved special wastes, construction and demolition debris, tires, appliances, yard wastes, dried sludges, paper, and similar waste materials.

Water Supply

Water Sources (check all that apply):
Private Well

Well ID	Private Well in Million Gallons per Day (MGD)
Well	0.0504
	Sum: 0.0504

Outfalls (1 of 1)

007

Please click below if this discharge no longer exists or is no longer required:
NONE PROVIDED

Outfall Identifier
007

Receiving Water
Burnt Corn Creek

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:
Intermittent Discharge

Estimated Average Daily Flow (MGD)
0.03

Monitoring/Sampling Point Location
31.24915000000000, -87.16151000000001

Stormwater Outfalls (1 of 8)

001

Please click below if this discharge no longer exists or is no longer required:
NONE PROVIDED

Outfall Identifier
001

Receiving Water
Burnt Corn Creek

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

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
31.25352200000000, -87.18282800000000

Stormwater Outfalls (2 of 8)

002

Please click below if this discharge no longer exists or is no longer required:
NONE PROVIDED

Outfall Identifier
002

Receiving Water
Burnt Corn Creek

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

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
31.26063600000000, -87.18313600000001

Stormwater Outfalls (3 of 8)

003

Please click below if this discharge no longer exists or is no longer required:
NONE PROVIDED

Outfall Identifier
003

Receiving Water
Burnt Corn Creek

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

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
31.25279700000000, -87.18587500000000

Stormwater Outfalls (4 of 8)

004

Please click below if this discharge no longer exists or is no longer required:
NONE PROVIDED

Outfall Identifier
004

Receiving Water
Burnt Corn Creek

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

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
31.26055600000000, -87.18832200000000

Stormwater Outfalls (5 of 8)

005

Please click below if this discharge no longer exists or is no longer required:
NONE PROVIDED

Outfall Identifier
005

Receiving Water
Burnt Corn Creek

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

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
31.25567239065412, -87.19243340359620

Stormwater Outfalls (6 of 8)

006

Please click below if this discharge no longer exists or is no longer required:
NONE PROVIDED

Outfall Identifier
006

Receiving Water
Burnt Corn Creek

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

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
31.25135300000000, -87.18613300000000

Stormwater Outfalls (7 of 8)

008

Please click below if this discharge no longer exists or is no longer required:
NONE PROVIDED

Outfall Identifier
008

Receiving Water
Burnt Corn Creek

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

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
31.24988999999998, -87.18894000000000

Stormwater Outfalls (8 of 8)

009

Please click below if this discharge no longer exists or is no longer required:
NONE PROVIDED

Outfall Identifier
009

Receiving Water
Burnt Corn Creek

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

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
31.25044000000000, -87.18882000000001

Process Flow Schematic with Wastewater Treatment(s), If Applicable

For an example of a process flow diagram, please use the link below.

Figure 1: Example of Process Flow Schematic

Process Flow Schematic

Figure 2C-1.pdf - 01/22/2025 12:07 PM

Comment

NONE PROVIDED

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	N/A
Automatic Sampling Equipment	N/A

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

Planned	Yes/No
Continuous Wastewater Flow Metering Equipment	N/A
Automatic Sampling Equipment	N/A

Please attach the process schematic with sampling equipment locations.

Figure 2C-1.pdf - 01/22/2025 12:29 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).

Sedimentation

Other: Evaporation, Rapid sand filtration, Aerated lagoons, Nitrification-Denitrification, Discharge to surface water

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:
Intermittent through out all 365 days per year.

Leachate generation varies seasonally and generally peaks during the winter; treated effluent is stored in effluent holding pond prior to intermittent discharge to Burnt Corn Creek. Currently not active.

Non-Discharged Wastes

Are any waste liquids or sludges generated and not disposed of in the sanitary sewer system?
No

Does any outside firm remove any of the above checked wastes?
No

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
Scott-epa_form_1_2023_07_final_flattened sm signed.pdf - 01/27/2025 02:25 PM
Comment
NONE PROVIDED

Additional EPA Forms (EPA Form 2C, 2D, 2E and/or 2F)
Scott-form_2c_epa_form_3510-final_flattened_ aigned.pdf - 01/27/2025 02:25 PM
Scott-form_2f_epa_form_3510-2f_signed_.pdf - 01/27/2025 02:26 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
NONE PROVIDED

First Name	Last Name
Robert	Heller

Title
Environmental Manager

Organization Name
Hodges, Harbin, Newberry, and Tribble

Phone Type	Number	Extension
Business	478-743-7175	

Email
rheller@hhnt.com

Address
[NO STREET ADDRESS SPECIFIED]
[NO CITY SPECIFIED], AL *[NO ZIP CODE SPECIFIED]*

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 Scott Madill on 01/27/2025 at 3:56 PM

United States Environmental Protection Agency | Office of Water Washington, D.C. | EPA Form 3510-1 Revised 07/31/2023
Water Permits Division | OMB No. 2040-0004 Expires 07/31/2026

EPA Application Form 1
General Information
NPDES Permitting Program

Note: All applicants to the National Pollutant Discharge Elimination System (NPDES) permits program, with the exception of publicly owned treatment works and other treatment works treating domestic sewage, must complete Form 1. Additionally, all applicants must complete one or more of the following forms: 2B, 2C, 2D, 2E, or 2F. To determine the specific forms you must complete, consult the "General Instructions" for this form.

EPA Identification Number	NPDES Permit Number	Facility Name	OMB No. 2040-0004 Expires 07/31/2026
AL0079171	AL0079171	Timberlands Sanitary Landfill	

Form 1 NPDES

EPA

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 *Not Required* 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. ☑ No

1.2 Applicants *Required* 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. ☐ No
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. ☑ No
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. ☑ No

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

Name, Mailing Address, and Location

2.1 Facility Name

Timberlands Sanitary Landfill

2.2 EPA Identification Number

AL0079171

2.3 Facility Contact

Name (first and last)	Title	Phone number
Scott Madill	Environmental Manager	(989) 859-0376

Email address

smadill@republicservices.com

Name, Mailing Address, and Location Continued

2.4 Facility Mailing Address

Street or P.O. box		
22800 Highway 41		
City or town	**State**	**ZIP code**
Brewton	Alabama	36426

2.5 Facility Location

Street, route number, or other specific identifier		
22800 Highway 41		
County name	**County code (if known)**	
Escambia	053	
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)
4953	Refuse Systems

3.2 NAICS Code(s)	Description (optional)
562212	Solid Waste Landfill

SECTION 4. OPERATOR INFORMATION (40 CFR 122.21(F)(4))

Operator Information

4.1 Name of Operator

BFI Waste Systems of Alabama, LLC

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) 867-8921

EPA Identification Number	NPDES Permit Number	Facility Name	OMB No. 2040-0004 Expires 07/31/2026
AL0079171	AL0079171	Timberlands Sanitary Landfill	

Operator Information Continued

4.5 **Operator Address**

Street or P.O. Box

18500 North Allied Way

City or town	State	ZIP code
Phoenix	AZ	85054-3101

Email address of operator

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) AL0079171	☐ RCRA (hazardous wastes)	☐ UIC (underground injection of fluids)
☐ PSD (air emissions)	☐ Nonattainment program (CAA)	☐ NESHAPs (CAA)
☐ Ocean dumping (MPRSA)	☐ Dredge or fill (CWA Section 404)	☑ Other (specify) 27 08 Solid Waste /IU332700493 SID

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.

The facility is a sanitary landfill that accepts non-hazardous waste for disposal.

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	NPDES Permit Number	Facility Name	OMB No. 2040-0004 Expires 07/31/2026
AL0079171	AL0079171	Timberlands Sanitary Landfill	

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 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.

Name (print or type first and last name)	Official title
Scott Madill	Environmental Manager
Signature	**Date signed**
Scott Madill	1-24-2025

Click to go back to the beginning of Form

Print All Pages

Print Form Only

United States Environmental Protection Agency | Office of Water Washington, D.C. | OMB No. 2040-0004 Expires 07/31/2026

Water Permits Division

EPA

Application Form 2C

Existing Manufacturing, Commercial, Mining, and Silvicultural Operations

NPDES Permitting Program

Note: Complete this form ***and*** Form 1 if your facility is an existing manufacturing, commercial, mining, or silvicultural facility that currently discharges process wastewater.

EPA Identification Number	NPDES Permit Number	Facility Name	OMB No. 2040-0004 Expires 07/31/2026
AL0079171	AL0079171	Timberlands Sanitary Landfill	

Form 2C NPDES

EPA

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
007	Burnt Corn Creek	31.24915000	-87.16151111

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**** 007

Operations Contributing to Flow

Operation	Average Flow
Constructed wetlands treatment system treating landfill	0.03 mgd
leachate for discharge to Burnt Corn Creek via effluent	mgd
holding pond.	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
Landfill leachate scored in on-site holding tanks is routed	1-F, 1-R, 1-U, 3-B,	
to constructed wetlands treatment system that includes	3-D, & 4-A	
an aerated pond and three 4-cell substance-flow		
wetland units.		

Average Flows and Treatment Continued

3.1 cont.

****Outfall Number**** _____

Operations Contributing to Flow

Operation	Average Flow
	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

****Outfall Number**** _____

Operations Contributing to Flow

Operation	Average Flow
	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

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

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		Duration
		Average Days/Week	Average Months/Year	Long-Term Average	Maximum Daily	
007	Effluent pretreatment stored in effluent holding pond prior to discharge	Varies days/week	12 months/year	0.0095 mgd	0.30 mgd	Varies days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days

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
Landfill Point Source	B - Subtitle D nonhazardous waste landfill	40 CFR Ch. 1 Sub.B part 445.21

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

5.5 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))

Upgrades and Improvements

6.1 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 Item 6.3.

6.2 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

6.3 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 ☑ 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

7.1 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.

7.2 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.

7.3 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

Table B. Toxic Metals, Cyanide, Total Phenols, and Organic Toxic Pollutants

7.4 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.

7.5 Have you checked "Testing Required" for all toxic metals, cyanide, and total phenols in Section 1 of Table B?

☐ Yes

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.

Primary Industry Category	Required GC/MS Fraction(s) (check applicable boxes)
	☐ 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 *qualitative* data for TCDD?

☐ Yes

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

Used or Manufactured Toxics

8.1 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.

8.2 List the pollutants below. Attach additional sheets, if necessary.

1.	4.	7.
2.	5.	8.
3.	6.	9.

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

Biological Toxicity Tests

9.1 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.

9.2 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

10.1 Were any of the analyses reported in Section 7 performed by a contract laboratory or consulting firm?

☑ Yes ☐ No ➔ SKIP to Section 11.

10.2 Provide information for each contract laboratory or consulting firm below.

	Laboratory Number 1	Laboratory Number 2	Laboratory Number 3
Name of laboratory/firm	Test America Laboratories, INC.		
Laboratory address	3355 McLemore Drive Pensacola, FL 32501		
Phone number	(850) 474-1001		
Pollutant(s) analyzed	All data presented in this form was collected between May 2015 and February 2016 during the last permit modification. Leachate was shipped offsite and no treated effluent has been discharged since; no updated analytical data exists. Results submitted are the same in renewal by Geosyntec.		

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.	4.
2.	5.
3.	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 C ☑ w/ Table E	☐ w/ explanation for identical outfalls ☐ w/ other attachments ☑ w/ Table B ☑ w/ Table D ☑ 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	

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

Checklist and Certification Statement

12.2 Provide the following certification. (See instructions to determine the appropriate person to sign the application.)

Certification Statement

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.

Name (print or type first and last name)	Official title
Scott Madill	Environmental Manager
Signature	**Date signed**
Scott Madill	1-24-2025

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	007

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

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

	Pollutant	Waiver Requested (if applicable)	Units (specify)		Effluent				Intake (optional)	
					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	mg/L	18.0	N/A	8.6	7	N/A	N/A
			Mass	lbs/d	4.50	N/A	0.690	7	N/A	N/A
2.	Chemical oxygen demand (COD)	☐	Concentration	mg/L	400	N/A	N/A	1	N/A	N/A
			Mass	lbs/d	99.9	N/A	N/A	1	N/A	N/A
3.	Total organic carbon (TOC)	☐	Concentration	mg/L	160	N/A	N/A	1	N/A	N/A
			Mass	lbs/d	40.0	N/A	N/A	1	N/A	N/A
4.	Total suspended solids (TSS)	☐	Concentration	mg/L	51	N/A	21.3	7	N/A	N/A
			Mass	lbs/d	12.7	N/A	1.70	7	N/A	N/A
5.	Ammonia (as N)	☐	Concentration	mg/L	4.5	N/A	1.0	7	N/A	N/A
			Mass	lbs/d	1.00	N/A	0.080	7	N/A	N/A
6.	Flow	☐	Rate	GPD	30,000	N/A	9,600		N/A	N/A
7.	Temperature (winter)	☐	°C	°C	15	N/A	12	est.	N/A	N/A
	Temperature (summer)	☐	°C	°C	30	N/A	25	est.	N/A	N/A
8.	pH (minimum)	☐	Standard units	s.u.	7.1	N/A		7	N/A	N/A
	pH (maximum)	☐	Standard units	s.u.	9.0	N/A		7	N/A	N/A

[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).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	007

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	mg/L	0.02	N/A	N/A	1		
					Mass	lbs/d	0.005	N/A	N/A	1		
1.2	Arsenic, total (7440-38-2)	☐	☑	☐	Concentration	mg/L	0.045	N/A	N/A	1		
					Mass	lbs/d	0.011	N/A	N/A	1		
1.3	Beryllium, total (7440-41-7)	☐	☐	☑	Concentration	mg/L	<0.00006	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
1.4	Cadmium, total (7440-43-9)	☐	☐	☑	Concentration	mg/L	<0.000085	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
1.5	Chromium, total (7440-47-3)	☐	☑	☐	Concentration	mg/L	0.032	N/A	N/A	1		
					Mass	lbs/d	0.008	N/A	N/A	1		
1.6	Copper, total (7440-50-8)	☐	☑	☐	Concentration	mg/L	0.0032	N/A	N/A	1		
					Mass	lbs/d	0.001	N/A	N/A	1		
1.7	Lead, total (7439-92-1)	☐	☐	☑	Concentration	mg/L	<0.0013	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
1.8	Mercury, total (7439-97-6)	☐	☐	☑	Concentration	mg/L	<0.00007	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
1.9	Nickel, total (7440-02-0)	☐	☑	☐	Concentration	mg/L	0.084	N/A	N/A	1		
					Mass	lbs/d	0.021	N/A	N/A	1		
1.10	Selenium, total (7782-49-2)	☐	☐	☑	Concentration	mg/L	<0.0013	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
1.11	Silver, total (7440-22-4)	☐	☐	☑	Concentration	mg/L	<0.0011	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		

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	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	mg/L	<0.000026	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
1.13	Zinc, total (7440-66-6)	☐	☑	☐	Concentration	mg/L	0.066	N/A	N/A	1		
					Mass	lbs/d	0.016	N/A	N/A	1		
1.14	Cyanide, total (57-12-5)	☐	☑	☐	Concentration	mg/L	0.0082	N/A	N/A	1		
					Mass	lbs/d	0.002	N/A	N/A	1		
1.15	Phenols, total	☐	☑	☐	Concentration	mg/L	0.011	N/A	N/A	1		
					Mass	lbs/d	0.003	N/A	N/A	1		
Section 2. Organic Toxic Pollutants (GC/MS Fraction—Volatile Compounds)												
2.1	Acrolein (107-02-8)	☐	☐	☑	Concentration	ug/L	<10	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.2	Acrylonitrile (107-13-1)	☐	☐	☑	Concentration	ug/L	<2.8	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.3	Benzene (71-43-2)	☐	☐	☑	Concentration	ug/L	<0.38	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.4	Bromoform (75-25-2)	☐	☐	☑	Concentration	ug/L	<0.71	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.5	Carbon tetrachloride (56-23-5)	☐	☐	☑	Concentration	ug/L	<0.50	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.6	Chlorobenzene (108-90-7)	☐	☐	☑	Concentration	ug/L	<0.50	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.7	Chlorodibromomethane (124-48-1)	☐	☐	☑	Concentration	ug/L	<0.50	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.8	Chloroethane (75-00-3)	☐	☐	☑	Concentration	ug/L	<0.76	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		

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	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	ug/L	<2.0	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.10	Chloroform (67-66-3)	☐	☐	☑	Concentration	ug/L	<0.60	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.11	Dichlorobromomethane (75-27-4)	☐	☐	☑	Concentration	ug/L	<0.50	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.12	1,1-dichloroethane (75-34-3)	☐	☐	☑	Concentration	ug/L	<0.50	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.13	1,2-dichloroethane (107-06-2)	☐	☐	☑	Concentration	ug/L	<0.50	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.14	1,1-dichloroethylene (75-35-4)	☐	☐	☑	Concentration	ug/L	<0.50	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.15	1,2-dichloropropane (78-87-5)	☐	☐	☑	Concentration	ug/L	<0.50	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.16	1,3-dichloropropylene (542-75-6)	☐	☐	☑	Concentration	ug/L	<1.0	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.17	Ethylbenzene (100-41-4)	☐	☐	☑	Concentration	ug/L	<0.50	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.18	Methyl bromide (74-83-9)	☐	☐	☑	Concentration	ug/L	<0.98	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.19	Methyl chloride (74-87-3)	☐	☐	☑	Concentration	ug/L	<0.83	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.20	Methylene chloride (75-09-2)	☐	☐	☑	Concentration	ug/L	<3.0	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.21	1,1,2,2- tetrachloroethane (79-34-5)	☐	☐	☑	Concentration	ug/L	<0.50	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		

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	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	ug/L	<0.58	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.23	Toluene (108-88-3)	☐	☐	☑	Concentration	ug/L	<0.70	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.24	1,2-trans-dichloroethylene (156-60-5)	☐	☐	☑	Concentration	ug/L	<0.50	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.25	1,1,1-trichloroethane (71-55-6)	☐	☐	☑	Concentration	ug/L	<0.50	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.26	1,1,2-trichloroethane (79-00-5)	☐	☐	☑	Concentration	ug/L	<0.50	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.27	Trichloroethylene (79-01-6)	☐	☐	☑	Concentration	ug/L	<0.50	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
2.28	Vinyl chloride (75-01-4)	☐	☐	☑	Concentration	ug/L	<0.50	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
Section 3. Organic Toxic Pollutants (GC/MS Fraction—Acid Compounds)												
3.1	2-chlorophenol (95-57-8)	☐	☐	☑	Concentration	ug/L	<2.2	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
3.2	2,4-dichlorophenol (120-83-2)	☐	☐	☑	Concentration	ug/L	<3.4	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
3.3	2,4-dimethylphenol (105-67-9)	☐	☐	☑	Concentration	ug/L	<3.5	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
3.4	4,6-dinitro-o-cresol (534-52-1)	☐	☐	☑	Concentration	ug/L	<2.0	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
3.5	2,4-dinitrophenol (51-28-5)	☐	☐	☑	Concentration	ug/L	<3.4	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		

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	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	ug/L	<0.65	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
3.7	4-nitrophenol (100-02-7)	☐	☐	☑	Concentration	ug/L	<2.1	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
3.8	p-chloro-m-cresol (59-50-7)	☐	☐	☑	Concentration	ug/L	<3.8	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
3.9	Pentachlorophenol (87-86-5)	☐	☐	☑	Concentration	ug/L	<1.8	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
3.10	Phenol (108-95-2)	☐	☐	☑	Concentration	ug/L	<2.6	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
3.11	2,4,6-trichlorophenol (88-05-2)	☐	☐	☑	Concentration	ug/L	<3.5	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
Section 4. Organic Toxic Pollutants (GC/MS Fraction—Base /Neutral Compounds)												
4.1	Acenaphthene (83-32-9)	☐	☐	☑	Concentration	ug/L	<0.46	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.2	Acenaphthylene (208-96-8)	☐	☐	☑	Concentration	ug/L	<0.56	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.3	Anthracene (120-12-7)	☐	☐	☑	Concentration	ug/L	<0.42	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.4	Benzidine (92-87-5)	☐	☐	☑	Concentration	ug/L	<0.20	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.5	Benzo (a) anthracene (56-55-3)	☐	☐	☑	Concentration	ug/L	<0.34	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.6	Benzo (a) pyrene (50-32-8)	☐	☐	☑	Concentration	ug/L	<0.43	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		

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	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	ug/L	<0.38	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.8	Benzo (ghi) perylene (191-24-2)	☐	☐	☑	Concentration	ug/L	<1.1	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.9	Benzo (k) fluoranthene (207-08-9)	☐	☐	☑	Concentration	ug/L	<0.54	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.10	Bis (2-chloroethoxy) methane (111-91-1)	☐	☐	☑	Concentration	ug/L	<0.69	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.11	Bis (2-chloroethyl) ether (111-44-4)	☐	☐	☑	Concentration	ug/L	<0.74	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.12	Bis (2-chloroisopropyl) ether (102-80-1)	☐	☐	☑	Concentration	ug/L	<0.81	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.13	Bis (2-ethylhexyl) phthalate (117-81-7)	☐	☐	☑	Concentration	ug/L	<2.3	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.14	4-bromophenyl phenyl ether (101-55-3)	☐	☐	☑	Concentration	ug/L	<0.032	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.15	Butyl benzyl phthalate (85-68-7)	☐	☐	☑	Concentration	ug/L	<0.69	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.16	2-chloronaphthalene (91-58-7)	☐	☐	☑	Concentration	ug/L	<0.52	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.17	4-chlorophenyl phenyl ether (7005-72-3)	☐	☐	☑	Concentration	ug/L	<2.0	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.18	Chrysene (218-01-9)	☐	☐	☑	Concentration	ug/L	<0.49	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.19	Dibenzo (a,h) anthracene (53-70-3)	☐	☐	☑	Concentration	ug/L	<1.2	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		

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	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	ug/L	<0.57	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.21	1,3-dichlorobenzene (541-73-1)	☐	☐	☑	Concentration	ug/L	<0.47	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.22	1,4-dichlorobenzene (106-46-7)	☐	☐	☑	Concentration	ug/L	<0.52	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.23	3,3-dichlorobenzidine (91-94-1)	☐	☐	☑	Concentration	ug/L	<2.6	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.24	Diethyl phthalate (84-66-2)	☐	☐	☑	Concentration	ug/L	<0.70	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.25	Dimethyl phthalate (131-11-3)	☐	☐	☑	Concentration	ug/L	<0.60	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.26	Di-n-butyl phthalate (84-74-2)	☐	☐	☑	Concentration	ug/L	<2.7	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.27	2,4-dinitrotoluene (121-14-2)	☐	☐	☑	Concentration	ug/L	<1.9	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.28	2,6-dinitrotoluene (606-20-2)	☐	☐	☑	Concentration	ug/L	<1.9	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.29	Di-n-octyl phthalate (117-84-0)	☐	☐	☑	Concentration	ug/L	<0.44	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.30	1,2-Diphenylhydrazine (as azobenzene) (122-66-7)	☐	☐	☑	Concentration	ug/L	<1.0	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.31	Fluoranthene (206-44-0)	☐	☐	☑	Concentration	ug/L	<0.77	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.32	Fluorene (86-73-7)	☐	☐	☑	Concentration	ug/L	<0.56	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		

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	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	ug/L	<0.25	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.34	Hexachlorobutadiene (87-68-3)	☐	☐	☑	Concentration	ug/L	<3.6	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.35	Hexachlorocyclopentadiene (77-47-4)	☐	☐	☑	Concentration	ug/L	<2.6	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.36	Hexachloroethane (67-72-1)	☐	☐	☑	Concentration	ug/L	<4.2	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.37	Indeno (1,2,3-cd) pyrene (193-39-5)	☐	☐	☑	Concentration	ug/L	<1.0	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.38	Isophorone (78-59-1)	☐	☐	☑	Concentration	ug/L	<0.57	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.39	Naphthalene (91-20-3)	☐	☐	☑	Concentration	ug/L	<0.63	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.40	Nitrobenzene (98-95-3)	☐	☐	☑	Concentration	ug/L	<0.55	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.41	N-nitrosodimethylamine (62-75-9)	☐	☐	☑	Concentration	ug/L	<3.5	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.42	N-nitrosodi-n-propylamine (621-64-7)	☐	☐	☑	Concentration	ug/L	<3.3	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.43	N-nitrosodiphenylamine (86-30-6)	☐	☐	☑	Concentration	ug/L	<0.47	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.44	Phenanthrene (85-01-8)	☐	☐	☑	Concentration	ug/L	<0.41	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
4.45	Pyrene (129-00-0)	☐	☐	☑	Concentration	ug/L	<1.1	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		

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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	ug/L	<0.53	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
Section 5. Organic Toxic Pollutants (GC/MS Fraction—Pesticides)												
5.1	Aldrin (309-00-2)	☐	☐	☑	Concentration	ug/L	<0.003	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.2	α-BHC (319-84-6)	☐	☐	☑	Concentration	ug/L	<0.0036	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.3	β-BHC (319-85-7)	☐	☐	☑	Concentration	ug/L	<0.003	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.4	γ-BHC (58-89-9)	☐	☐	☑	Concentration	ug/L	<0.025	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.5	δ-BHC (319-86-8)	☐	☐	☑	Concentration	ug/L	<0.0027	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.6	Chlordane (57-74-9)	☐	☐	☑	Concentration	ug/L	<0.13	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.7	4,4'-DDT (50-29-3)	☐	☐	☑	Concentration	ug/L	<0.0039	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.8	4,4'-DDE (72-55-9)	☐	☐	☑	Concentration	ug/L	<0.004	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.9	4,4'-DDD (72-54-8)	☐	☐	☑	Concentration	ug/L	<0.003	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.10	Dieldrin (60-57-1)	☐	☐	☑	Concentration	ug/L	<0.0059	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.11	α-endosulfan (115-29-7)	☐	☐	☑	Concentration	ug/L	<0.003	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		

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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	ug/L	<0.0074	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.13	Endosulfan sulfate (1031-07-8)	☐	☐	☑	Concentration	ug/L	<0.0021	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.14	Endrin (72-20-8)	☐	☐	☑	Concentration	ug/L	<0.003	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.15	Endrin aldehyde (7421-93-4)	☐	☐	☑	Concentration	ug/L	<0.0028	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.16	Heptachlor (76-44-8)	☐	☐	☑	Concentration	ug/L	<0.0031	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.17	Heptachlor epoxide (1024-57-3)	☐	☐	☑	Concentration	ug/L	<0.0032	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.18	PCB-1242 (53469-21-9)	☐	☐	☑	Concentration	ug/L	<0.18	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.19	PCB-1254 (11097-69-1)	☐	☐	☑	Concentration	ug/L	<0.32	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.20	PCB-1221 (11104-28-2)	☐	☐	☑	Concentration	ug/L	<0.22	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.21	PCB-1232 (11141-16-5)	☐	☐	☑	Concentration	ug/L	<0.41	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.22	PCB-1248 (12672-29-6)	☐	☐	☑	Concentration	ug/L	<0.020	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.23	PCB-1260 (11096-82-5)	☐	☐	☑	Concentration	ug/L	<0.034	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		
5.24	PCB-1016 (12674-11-2)	☐	☐	☑	Concentration	ug/L	<0.048	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		

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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	ug/L	<0.4	N/A	N/A	1		
					Mass	N/A	N/A	N/A	N/A	1		

[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).

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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 *not* complete the "Presence or Absence" column of Table C for *each* pollutant.										
☐	Check here if you believe all pollutants in Table C to be ***absent*** in your discharge from the noted outfall. You need *not* complete the "Presence or Absence" column of Table C for *each* pollutant.										
1.	Bromide (24959-67-9)	☑	☐	Concentration	mg/L	5.30	N/A	N/A	1		
				Mass	lbs/d	1.32	N/A	N/A	1		
2.	Chlorine, total residual	☐	☑	Concentration	mg/L	<1.0	N/A	N/A	1		
				Mass	N/A	N/A	N/A	N/A	1		
3.	Color	☑	☐	Concentration	Color	880	N/A	N/A	1		
				Mass	N/A	N/A	N/A	N/A	1		
4.	Fecal coliform	☐	☑	Concentration	N/A	N/A	N/A	N/A	N/A		
				Mass	N/A	N/A	N/A	N/A	N/A		
5.	Fluoride (16984-48-8)	☑	☐	Concentration	mg/L	0.300	N/A	N/A	1		
				Mass	lbs/d	0.075	N/A	N/A	1		
6	Nitrate-nitrite	☑	☐	Concentration	mg/L	4.10	N/A	N/A	1		
				Mass	lbs/d	1.02	N/A	N/A	1		
7.	Nitrogen, total organic (as N)	☑	☐	Concentration	mg/L	18.0	N/A	N/A	1		
				Mass	lbs/d	4.50	N/A	N/A	1		
8.	Oil and grease	☐	☑	Concentration	mg/L	<1.4	N/A	N/A	1		
				Mass	N/A	N/A	N/A	N/A	1		
9.	Phosphorus (as P), total (7723-14-0)	☑	☐	Concentration	mg/L	0.720	N/A	N/A	1		
				Mass	lbs/d	0.180	N/A	N/A	1		
10.	Sulfate (as SO_4) (14808-79-8)	☐	☑	Concentration	mg/L	<1.4	N/A	N/A	N/A		
				Mass	N/A	N/A	N/A	N/A	N/A		
11.	Sulfide (as S)	☑	☐	Concentration	mg/L	1.8	N/A	N/A	1		
				Mass	lbs/d	0.450	N/A	N/A	1		

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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) (14265-45-3)	☐	☑	Concentration	mg/L	<5.0	N/A	N/A	1		
				Mass	N/A	N/A	N/A	N/A	1		
13.	Surfactants	☑	☐	Concentration	mg/L	0.29	N/A	N/A	1		
				Mass	lbs/d	0.072	N/A	N/A	1		
14.	Aluminum, total (7429-90-5)	☑	☐	Concentration	mg/L	0.068	N/A	N/A	1		
				Mass	lbs/d	0.017	N/A	N/A	1		
15.	Barium, total (7440-39-3)	☑	☐	Concentration	mg/L	0.071	N/A	N/A	1		
				Mass	lbs/d	0.018	N/A	N/A	1		
16.	Boron, total (7440-42-8)	☑	☐	Concentration	mg/L	8.3	N/A	N/A	1		
				Mass	lbs/d	2.07	N/A	N/A	1		
17.	Cobalt, total (7440-48-4)	☑	☐	Concentration	mg/L	0.014	N/A	N/A	1		
				Mass	lbs/d	0.003	N/A	N/A	1		
18.	Iron, total (7439-89-6)	☑	☐	Concentration	mg/L	0.84	N/A	N/A	1		
				Mass	lbs/d	0.210	N/A	N/A	1		
19.	Magnesium, total (7439-95-4)	☑	☐	Concentration	mg/L	31	N/A	N/A	1		
				Mass	lbs/d	7.74	N/A	N/A	1		
20.	Molybdenum, total (7439-98-7)	☐	☑	Concentration	mg/L	<0.015	N/A	N/A	1		
				Mass	lbs/d	N/A	N/A	N/A	1		
21.	Manganese, total (7439-96-5)	☑	☐	Concentration	mg/L	0.056	N/A	N/A	1		
				Mass	lbs/d	0.014	N/A	N/A	1		
22.	Tin, total (7440-31-5)	☐	☑	Concentration	mg/L	<0.0025	N/A	N/A	1		
				Mass	N/A	N/A	N/A	N/A	1		
23.	Titanium, total (7440-32-6)	☑	☐	Concentration	mg/L	0.0051	N/A	N/A	1		
				Mass	lbs/d	0.001	N/A	N/A	1		

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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	pCi/L	2.00	N/A	N/A	1		
				Mass	mCi/d	0.227	N/A	N/A	1		
	Beta, total	☑	☐	Concentration	pCi/L	205	N/A	N/A	1		
				Mass	mCi/d	23.2	N/A	N/A	1		
	Radium, total	☑	☐	Concentration	pCi/L	1.10	N/A	N/A	1		
				Mass	mCi/d	0.125	N/A	N/A	1		
	Radium 226, total	☑	☐	Concentration	pCi/L	0.400	N/A	N/A	1		
				Mass	mCi/d	0.045	N/A	N/A	1		

[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).

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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	☐	☑		

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.	Dintrobenzene	☐	☑		
30.	Diquat	☐	☑		
31.	Disulfoton	☐	☑		
32.	Diuron	☐	☑		
33.	Epichlorohydrin	☐	☑		
34.	Ethion	☐	☑		
35.	Ethylene diamine	☐	☑		
36.	Ethylene dibromide	☐	☑		
37.	Formaldehyde	☐	☑		
38.	Furfural	☐	☑		

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.	Monoethyl amine	☐	☑		
53.	Monomethyl amine	☐	☑		
54.	Naled	☐	☑		
55.	Naphthenic acid	☐	☑		
56.	Nitrotoluene	☐	☑		
57.	Parathion	☐	☑		

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.	Quinoline	☐	☑		
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	☐	☑		

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).

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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	☐	☐	☑	<0.47 pg/L

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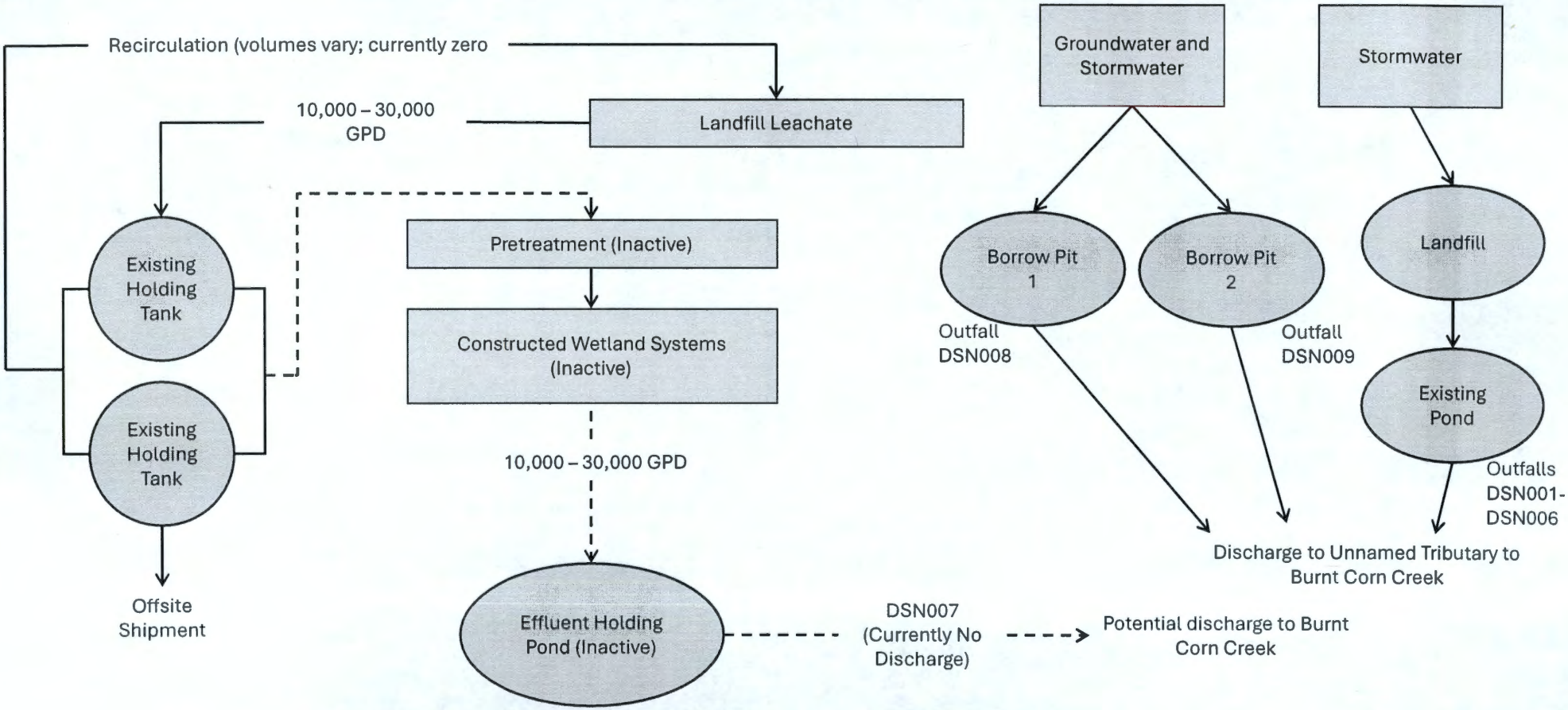
Timberlands NPDES Permit Renew Application

Schematic Figure 2C-1



United States Environmental Protection Agency | Office of Water Washington, D.C. | OMB No. 2040-0004 Expires 07/31/2026

Water Permits Division

EPA

Application Form 2F

Stormwater Discharges Associated with Industrial Activity

NPDES Permitting Program

Note: Complete this form ***and*** Form 1 if you are a new or existing facility whose discharge is composed entirely of stormwater associated with industrial activity, excluding discharges from construction activity under 40 CFR 122.26(b)(14)(x) or (b)(15). If your discharge is composed of stormwater *and* non-stormwater, you must complete Forms 1 and 2F, *and* you must complete Form 2C, 2D, or 2E, as appropriate. See the "Instructions" inside for further details.

EPA Identification Number	NPDES Permit Number	Facility Name
AL0079171	AL0079171	Timberlands Sanitary Landfill

OMB No. 2040-0004
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Form 2F NPDES

EPA

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
001	Unnamed Tributary to Burnt Corn Creek	31.25352222	-87.18282778
002	Unnamed Tributary to Burnt Corn Creek	31.26063611	-87.18313611
003	Unnamed Tributary to Burnt Corn Creek	31.25333611	-87.18540278
004	Unnamed Tributary to Burnt Corn Creek	31.26055556	-87.18832222
005	Unnamed Tributary to Burnt Corn Creek	31.25511944	-87.19095000
006	Unnamed Tributary to Burnt Corn Creek	31.25279722	-87.18485833

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	NPDES Permit Number	Facility Name
AL0079171	AL0079171	Timberlands Sanitary Landfill

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Form 2F NPDES

EPA

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
008	Unnamed Tributary to Burnt Corn Creek	31.25136	-8718293
009	Unnamed Tributary to Burnt Corn Creek	31.25044	-87.18882

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	NPDES Permit Number	Facility Name	OMB No. 2040-0004 Expires 07/31/2026
AL0079171	AL0079171	Timberlands Sanitary Landfill	

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

Site Drainage Map

3.1 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

4.1 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)	
001	0	*specify units* Acres	38.32	*specify units* Acres
002	0	*specify units* Acres	32.27	*specify units* Acres
003	0	*specify units* Acres	13.08	*specify units* Acres
004	0	*specify units* Acres	28.26	*specify units* Acres
005	0	*specify units* Acres	54.22 (when built)	*specify units* Acres
006	0	*specify units* Acres	28.26	*specify units* Acres

4.2 Provide a narrative description of the facility's significant material in the space below. (See instructions for content requirements.)

Above-ground storage tanks for diesel fuel, used oil, new hydraulic oil, new motor oil, new transmission oil, and gear oil within secondary containment near maintenance building (see attached drawing) SPCC is located and available on-site. Leachate gets collected in the on-site storage tanks. The leachate is currently trucked off-site for treatment and disposal. Surface water is diverted away from waste to minimize leachate generation, and taped landfill areas drain towards outfall DSN001, DSN002, DSN003, DSN004, DSN006, and DSN007. DSN008 and DSN009 are outfalls for barrow pits.

Maintenance areas are covered and fuel and leachate storage areas are located within secondary containment and managed according to the existing SPCC Plan.

4.3 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 (list)
001	Sedimentation in storm water pond #1 - occasional sediment dredging as need and on-site disposal	1-F, 1-U, 4-A
002	Sedimentation in storm water pond #2 - occasional sediment dredging as need and on-site disposal	1-F, 1-U, 4-A
003	Sedimentation in storm water pond #3A - occasional sediment dredging as need and on-site disposal	1-F, 1-U, 4-A
004	Sedimentation in storm water pond #4 - occasional sediment dredging as need and on-site disposal	1-F, 1-U, 4-A
005	Sedimentation in storm water pond #6 - occasional sediment dredging as need and on-site disposal	1-F, 1-U, 4-A
006	Sedimentation in storm water pond #3B - occasional sediment dredging as need and on-site disposal	1-F, 1-U, 4-A

EPA Identification Number	NPDES Permit Number	Facility Name	OMB No. 2040-0004 Expires 07/31/2026
AL0079171	AL0079171	Timberlands Sanitary Landfill	

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

Site Drainage Map

3.1 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

4.1 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)	
008	0	specify units: Acres	15.83	specify units: Acres
009	0	specify units: Acres	11.61	specify units: Acres
		specify units		specify units
		specify units		specify units
		specify units		specify units
		specify units		specify units

4.2 Provide a narrative description of the facility's significant material in the space below. (See instructions for content requirements.)

Above-ground storage tanks for diesel fuel, used oil, new hydraulic oil, new motor oil, new transmission oil, and gear oil within secondary containment near maintenance building (see attached drawing) SPCC is located and available on-site.

Landfilled waste is i the active working phase exposed to rain generates leachate, which gets collected in the on-site storage tanks. The leachate is currently trucked off-site for treatment and disposal. Surface water is diverted away from waste to minimize leachate generation, and tapped landfill areas drain towards outfall DSN001, DSN002, DSN003, DSN004, DSN006, DSN007, DSN008, and DSN009

4.3 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 (list)
008	Sedimentation in borrow area #1 - occasional sediment dredging as need and on-site disposal	1-F, 1-U, 4-A
009	Sedimentation in borrow area #2 - occasional sediment dredging as need and on-site disposal	1-F, 1-U, 4-A

EPA Identification Number	NPDES Permit Number	Facility Name	OMB No. 2040-0004 Expires 07/31/2026
AL0079171	AL0079171	Timberlands Sanitary Landfill	

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 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.

Name (print or type first and last name)	Official title
Scott Madill	Environmental Manager
Signature	**Date signed**
Scott Madill	1-24-2025

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
001	Grab	Summary of 2024 DMR	
002	Grab	Summary of 2024 DMR	
003	Grab	Summary of 2024 DMR	
004	Grab	Summary of 2024 DMR	
005	Grab	Summary of 2024 DMR	
006	Grab	Summary of 2024 DMR	

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.

There has been no known significant leaks or spills of toxic or hazardous pollutants at this facility within the last 3 years.

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	NPDES Permit Number	Facility Name
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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 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.

Name (print or type first and last name)	Official title
Scott Madill	Environmental Manager
Signature	**Date signed**
Scott Madill	1-24-2025

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
008	Grab	Summary of 2024 DMR	
009	Grab	Summary of 2024 DMR	

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.

There has been no known significant leaks or spills of toxic or hazardous pollutants at this facility within the last 3 years.

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

Discharge Information Continued

7.3	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.
7.4	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
7.5	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.
7.6	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
7.7	Do you qualify for a small business exemption under the criteria specified in the Instructions? ☐ Yes ➔ SKIP to Item 7.18. ☑ No
7.8	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.
7.9	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
7.10	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.
7.11	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
7.12	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.
7.13	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
7.14	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
7.15	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.

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.

1.	4.	7.
2.	5.	8.
3.	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.

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.

	Laboratory Number 1	Laboratory Number 2	Laboratory Number 3
Name of laboratory/firm	Eurofins Environmental Testing		
Laboratory address	3355 McLemore Drive Pensacola FL 32514		
Phone number	(850) 471-6222		
Pollutant(s) analyzed	Oil and Grease, BOD, COD, TSS, TKN, N, Phosphorus, pH, and Cadmium		

EPA Identification Number	NPDES Permit Number	Facility Name	OMB No. 2040-0004 Expires 07/31/2026
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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 ☐ w/ small business exemption request ☑ Table B ☐ w/ analytical results as an attachment ☑ Table C ☑ 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 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.

Name (print or type first and last name)	Official title
Scott Madill	Environmental Manager
Signature	**Date signed**
Scott Madill	1-24-2025

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	001

OMB No. 2040-0004
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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	1.4 mg/L		1.4 mg/L		2	
2.	Biochemical oxygen demand (BOD_5)	3.6 mg/L	N/A	2.8 mg/L	N/A	2	
3.	Chemical oxygen demand (COD)	17.0 mg/L	N/A	11.7 mg/L	N/A	2	
4.	Total suspended solids (TSS)	970 mg/L	N/A	600 mg/L	N/A	2	
5.	Total phosphorus	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
6.	Total Kjeldahl nitrogen (TKN)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
7.	Total nitrogen (as N)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
8.	pH (minimum)	6.8 S.U.		6.8 S.U.		2	
	pH (maximum)	7.6 S.U.		7.6 S.U.		2	

[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).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	001

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TABLE B. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.26(C)(1)(I)(E)(4) AND 40 CFR 122.21(G)(7)(VI)(A))[1]

List each pollutant that is limited in an effluent limitation guideline (ELG) that the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	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		
Total Cadmium	0.00037 mg/L	N/A	0.000255 mg/L	N/A	2	

[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).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	001

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TABLE C. TOXIC POLLUTANTS, CERTAIN HAZARDOUS SUBSTANCES, AND ASBESTOS (40 CFR 122.26(C)(1)(I)(E)(4) AND 40 CFR 122.21(G)(7)(VI)(B) AND (VII))[1]

List each pollutant shown in Exhibits 2F–2, 2F–3, and 2F–4 that you know or have reason to believe is present. Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	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		
N/A	N/A	N/A	N/A	N/A	N/A	

[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	NPDES Permit Number	Facility name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	001

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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)
N/A	N/A	N/A	N/A	N/A	N/A

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

Click to go back to the beginning of Form

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	002

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	1.4 mg/L		1.35 mg/L		2	
2.	Biochemical oxygen demand (BOD_5)	19 mg/L	N/A	15.5 mg/L	N/A	2	
3.	Chemical oxygen demand (COD)	36 mg/L	N/A	31 mg/L	N/A	2	
4.	Total suspended solids (TSS)	1500 mg/L	N/A	880 mg/L	N/A	2	
5.	Total phosphorus	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
6.	Total Kjeldahl nitrogen (TKN)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
7.	Total nitrogen (as N)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
8.	pH (minimum)	6.9 S.U.		6.9 S.U.		2	
	pH (maximum)	7.5 S .U.		7.5 S.U.		2	

[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).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	002

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TABLE B. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.26(C)(1)(I)(E)(4) AND 40 CFR 122.21(G)(7)(VI)(A))[1]

List each pollutant that is limited in an effluent limitation guideline (ELG) that the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	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		
Total Cadmium	0.00037	N/A	0.000224	N/A	2	

[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).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	002

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

TABLE C. TOXIC POLLUTANTS, CERTAIN HAZARDOUS SUBSTANCES, AND ASBESTOS (40 CFR 122.26(C)(1)(I)(E)(4) AND 40 CFR 122.21(G)(7)(VI)(B) AND (VII))[1]

List each pollutant shown in Exhibits 2F–2, 2F–3, and 2F–4 that you know or have reason to believe is present. Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	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		
N/A	N/A	N/A	N/A	N/A	N/A	

[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).

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EPA Identification Number	NPDES Permit Number	Facility name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	002

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)
N/A	N/A	N/A	N/A	N/A	N/A

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

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	003

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	1.4 mg/L		1.35 mg/L		2	
2.	Biochemical oxygen demand (BOD_5)	2.7 mg/L	N/A	2.65 mg/L	N/A	2	
3.	Chemical oxygen demand (COD)	17.0 mg/L	N/A	13.5 mg/L	N/A	2	
4.	Total suspended solids (TSS)	710.0 mg/L	N/A	600.0 mg/L	N/A	2	
5.	Total phosphorus	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
6.	Total Kjeldahl nitrogen (TKN)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
7.	Total nitrogen (as N)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
8.	pH (minimum)	6.9 S.U.		6.9 S.U.		2	
	pH (maximum)	7.5 S.U.		7.5 S.U.		2	

[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).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	003

OMB No. 2040-0004
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TABLE B. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.26(C)(1)(I)(E)(4) AND 40 CFR 122.21(G)(7)(VI)(A))[1]

List each pollutant that is limited in an effluent limitation guideline (ELG) that the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	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		
Total Cadmium	0.00032 mg/L	N/A	0.00025 mg/L	N/A	2	

[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).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	003

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TABLE C. TOXIC POLLUTANTS, CERTAIN HAZARDOUS SUBSTANCES, AND ASBESTOS (40 CFR 122.26(C)(1)(I)(E)(4) AND 40 CFR 122.21(G)(7)(VI)(B) AND (VII))[1]

List each pollutant shown in Exhibits 2F–2, 2F–3, and 2F–4 that you know or have reason to believe is present. Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	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		
N/A	N/A	N/A	N/A	N/A	N/A	

[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).

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EPA Identification Number	NPDES Permit Number	Facility name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	003

OMB No. 2040-0004
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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)
N/A	N/A	N/A	N/A	N/A	N/A

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

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	004

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	1.3 mg/L		1.3 mg/L		2	
2.	Biochemical oxygen demand (BOD_5)	23.0 mg/L	N/A	12.5 mg/L	N/A	2	
3.	Chemical oxygen demand (COD)	43.0 mg/L	N/A	32.5 mg/L	N/A	2	
4.	Total suspended solids (TSS)	6100.0 mg/L	N/A	3550.0 mg/L	N/A	2	
5.	Total phosphorus	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
6.	Total Kjeldahl nitrogen (TKN)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
7.	Total nitrogen (as N)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
8.	pH (minimum)	6.9 S.U.		6.9 S.U.		2	
	pH (maximum)	7.6 S.U.		7.56S.U.		2	

[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).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	004

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

TABLE B. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.26(C)(1)(I)(E)(4) AND 40 CFR 122.21(G)(7)(VI)(A))[1]

List each pollutant that is limited in an effluent limitation guideline (ELG) that the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	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		
Total Cadmium	0.0011 mg/L	N/A	0.00073mg/L	N/A	2	

[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).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	004

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TABLE C. TOXIC POLLUTANTS, CERTAIN HAZARDOUS SUBSTANCES, AND ASBESTOS (40 CFR 122.26(C)(1)(I)(E)(4) AND 40 CFR 122.21(G)(7)(VI)(B) AND (VII))[1]

List each pollutant shown in Exhibits 2F–2, 2F–3, and 2F–4 that you know or have reason to believe is present. Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	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		
N/A	N/A	N/A	N/A	N/A	N/A	

[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).

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EPA Identification Number	NPDES Permit Number	Facility name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	004

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)
N/A	N/A	N/A	N/A	N/A	N/A

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

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	005

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	ND		ND		2	
2.	Biochemical oxygen demand (BOD_5)	ND	N/A	ND	N/A	2	
3.	Chemical oxygen demand (COD)	ND	N/A	ND	N/A	2	
4.	Total suspended solids (TSS)	ND	N/A	ND	N/A	2	
5.	Total phosphorus	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
6.	Total Kjeldahl nitrogen (TKN)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
7.	Total nitrogen (as N)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
8.	pH (minimum)	ND		ND		2	
	pH (maximum)	ND		ND		2	

[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).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	005

TABLE B. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.26(C)(1)(I)(E)(4) AND 40 CFR 122.21(G)(7)(VI)(A))[1]

List each pollutant that is limited in an effluent limitation guideline (ELG) that the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	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		
Total Cadmium	ND	N/A	ND	N/A	2	

[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).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	005

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TABLE C. TOXIC POLLUTANTS, CERTAIN HAZARDOUS SUBSTANCES, AND ASBESTOS (40 CFR 122.26(C)(1)(I)(E)(4) AND 40 CFR 122.21(G)(7)(VI)(B) AND (VII))[1]

List each pollutant shown in Exhibits 2F–2, 2F–3, and 2F–4 that you know or have reason to believe is present. Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	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		
N/A	N/A	N/A	N/A	N/A	N/A	

[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).

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EPA Identification Number	NPDES Permit Number	Facility name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	005

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)
N/A	N/A	N/A	N/A	N/A	N/A

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

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	006

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	1.4 mg/L		1.4 mg/L		2	
2.	Biochemical oxygen demand (BOD_5)	18.0 mg/L	N/A	12.55 mg/L	N/A	2	
3.	Chemical oxygen demand (COD)	58.0 mg/L	N/A	42.5 mg/L	N/A	2	
4.	Total suspended solids (TSS)	3600.0 mg/L	N/A	2280.0 mg/L	N/A	2	
5.	Total phosphorus	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
6.	Total Kjeldahl nitrogen (TKN)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
7.	Total nitrogen (as N)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
8.	pH (minimum)	5.9		5.9		2	
	pH (maximum)	7.5		7.5		2	

[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).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	006

OMB No. 2040-0004
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TABLE B. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.26(C)(1)(I)(E)(4) AND 40 CFR 122.21(G)(7)(VI)(A))[1]

List each pollutant that is limited in an effluent limitation guideline (ELG) that the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	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		
Total Cadmium	0.00085 mg/L	N/A	0.00053 mg/L	N/A	2	

[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).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	006

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TABLE C. TOXIC POLLUTANTS, CERTAIN HAZARDOUS SUBSTANCES, AND ASBESTOS (40 CFR 122.26(C)(1)(I)(E)(4) AND 40 CFR 122.21(G)(7)(VI)(B) AND (VII))[1]

List each pollutant shown in Exhibits 2F–2, 2F–3, and 2F–4 that you know or have reason to believe is present. Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	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		
N/A	N/A	N/A	N/A	N/A	N/A	

[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).

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EPA Identification Number	NPDES Permit Number	Facility name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	006

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)
N/A	N/A	N/A	N/A	N/A	N/A

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

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	008

OMB No. 2040-0004
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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	No Discharge		No Discharge		N/A	
2.	Biochemical oxygen demand (BOD_5)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
3.	Chemical oxygen demand (COD)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
4.	Total suspended solids (TSS)	No Discharge	N/A	No Discharge	N/A	N/A	
5.	Total phosphorus	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
6.	Total Kjeldahl nitrogen (TKN)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
7.	Total nitrogen (as N)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
8.	pH (minimum)	No Discharge		No Discharge		N/A	
	pH (maximum)	No Discharge		No Discharge		N/A	

[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).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	008

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TABLE B. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.26(C)(1)(I)(E)(4) AND 40 CFR 122.21(G)(7)(VI)(A))[1]

List each pollutant that is limited in an effluent limitation guideline (ELG) that the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	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		
Total Cadmium	Not Reported	N/A	Not Reported	N/A	N/A	

[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).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	008

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

TABLE C. TOXIC POLLUTANTS, CERTAIN HAZARDOUS SUBSTANCES, AND ASBESTOS (40 CFR 122.26(C)(1)(I)(E)(4) AND 40 CFR 122.21(G)(7)(VI)(B) AND (VII))[1]

List each pollutant shown in Exhibits 2F–2, 2F–3, and 2F–4 that you know or have reason to believe is present. Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	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		
N/A	N/A	N/A	N/A	N/A	N/A	

[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).

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EPA Identification Number	NPDES Permit Number	Facility name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	008

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)
N/A	N/A	N/A	N/A	N/A	N/A

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

Click to go back to the beginning of Form

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	009

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	No Discharge		No Discharge		N/A	
2.	Biochemical oxygen demand (BOD_5)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
3.	Chemical oxygen demand (COD)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
4.	Total suspended solids (TSS)	No Discharge	N/A	No Discharge	N/A	N/A	
5.	Total phosphorus	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
6.	Total Kjeldahl nitrogen (TKN)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
7.	Total nitrogen (as N)	Not Reported	Not Reported	Not Reported	Not Reported	N/A	
8.	pH (minimum)	No Discharge		No Discharge		N/A	
	pH (maximum)	No Discharge		No Discharge		N/A	

[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).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	009

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

TABLE B. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.26(C)(1)(I)(E)(4) AND 40 CFR 122.21(G)(7)(VI)(A))[1]

List each pollutant that is limited in an effluent limitation guideline (ELG) that the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	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		
Total Cadmium	Not Reported	N/A	Not Reported	N/A	N/A	

[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).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	009

OMB No. 2040-0004
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TABLE C. TOXIC POLLUTANTS, CERTAIN HAZARDOUS SUBSTANCES, AND ASBESTOS (40 CFR 122.26(C)(1)(I)(E)(4) AND 40 CFR 122.21(G)(7)(VI)(B) AND (VII))[1]

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Pollutant and CAS Number (if available)	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		
N/A	N/A	N/A	N/A	N/A	N/A	

[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).

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EPA Identification Number	NPDES Permit Number	Facility name	Outfall Number
AL0079171	AL0079171	Timberlands Sanitary Landfill	009

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.

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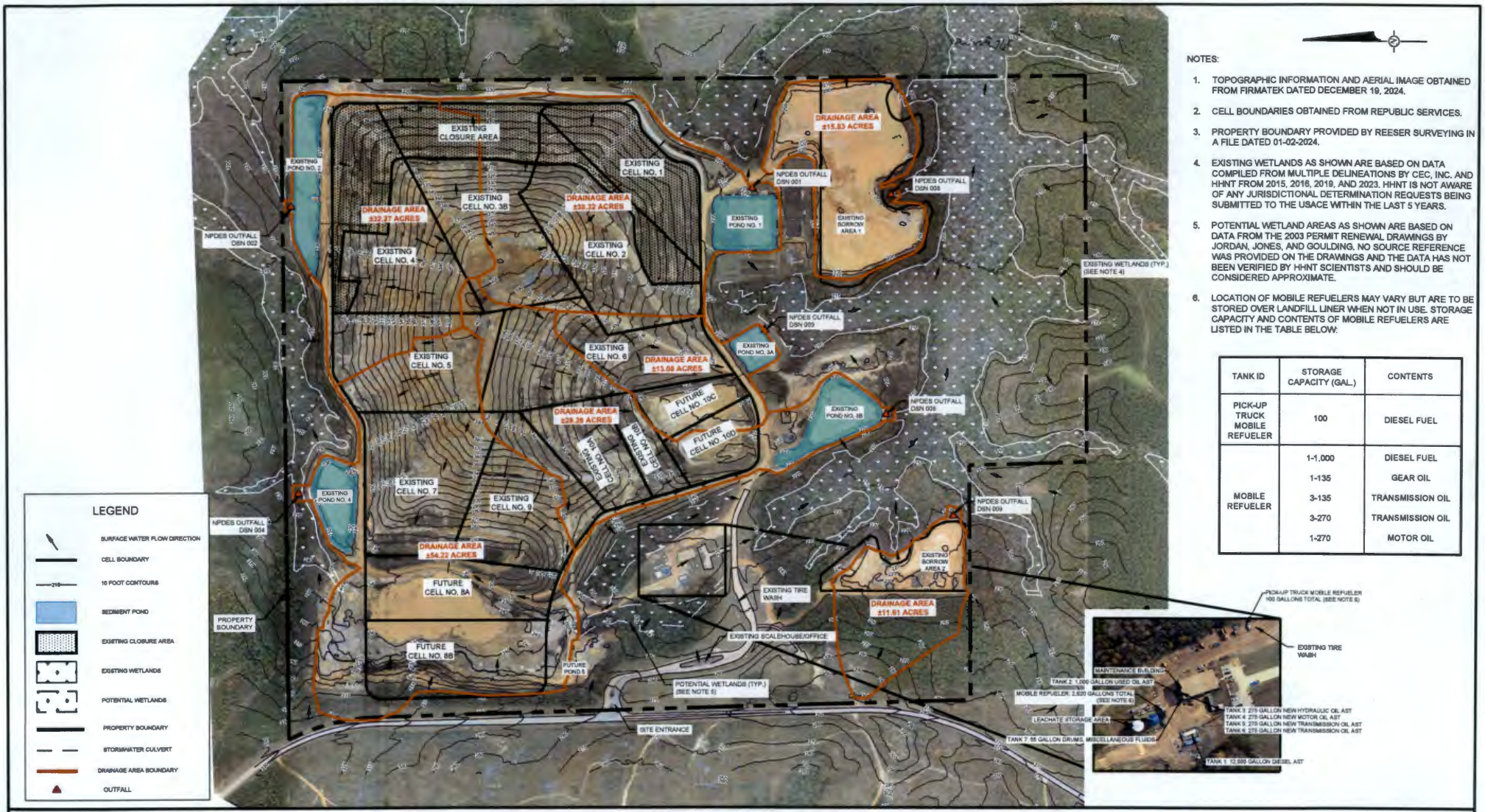
N/A	N/A	N/A	N/A	N/A	N/A

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

Click to go back to the beginning of Form



NOTES:

1. TOPOGRAPHIC INFORMATION AND AERIAL IMAGE OBTAINED FROM FIRMATEK DATED DECEMBER 19, 2024.
2. CELL BOUNDARIES OBTAINED FROM REPUBLIC SERVICES.
3. PROPERTY BOUNDARY PROVIDED BY REESER SURVEYING IN A FILE DATED 01-02-2024.
4. EXISTING WETLANDS AS SHOWN ARE BASED ON DATA COMPILED FROM MULTIPLE DELINEATIONS BY CEC, INC. AND HHNT FROM 2015, 2016, 2019, AND 2023. HHNT IS NOT AWARE OF ANY JURISDICTIONAL DETERMINATION REQUESTS BEING SUBMITTED TO THE USACE WITHIN THE LAST 5 YEARS.
5. POTENTIAL WETLAND AREAS AS SHOWN ARE BASED ON DATA FROM THE 2003 PERMIT RENEWAL DRAWINGS BY JORDAN, JONES, AND GOULDING. NO SOURCE REFERENCE WAS PROVIDED ON THE DRAWINGS AND THE DATA HAS NOT BEEN VERIFIED BY HHNT SCIENTISTS AND SHOULD BE CONSIDERED APPROXIMATE.
6. LOCATION OF MOBILE REFUELERS MAY VARY BUT ARE TO BE STORED OVER LANDFILL LINER WHEN NOT IN USE. STORAGE CAPACITY AND CONTENTS OF MOBILE REFUELERS ARE LISTED IN THE TABLE BELOW:

TANK ID	STORAGE CAPACITY (GAL.)	CONTENTS
PICK-UP TRUCK MOBILE REFUELER	100	DIESEL FUEL
MOBILE REFUELER	1-1,000	DIESEL FUEL
	1-135	GEAR OIL
	3-135	TRANSMISSION OIL
	3-270	TRANSMISSION OIL
	1-270	MOTOR OIL

0 500 1000
GRAPHIC SCALE IN FEET

SWPPP SITE MAP

TIMBERLANDS LANDFILL

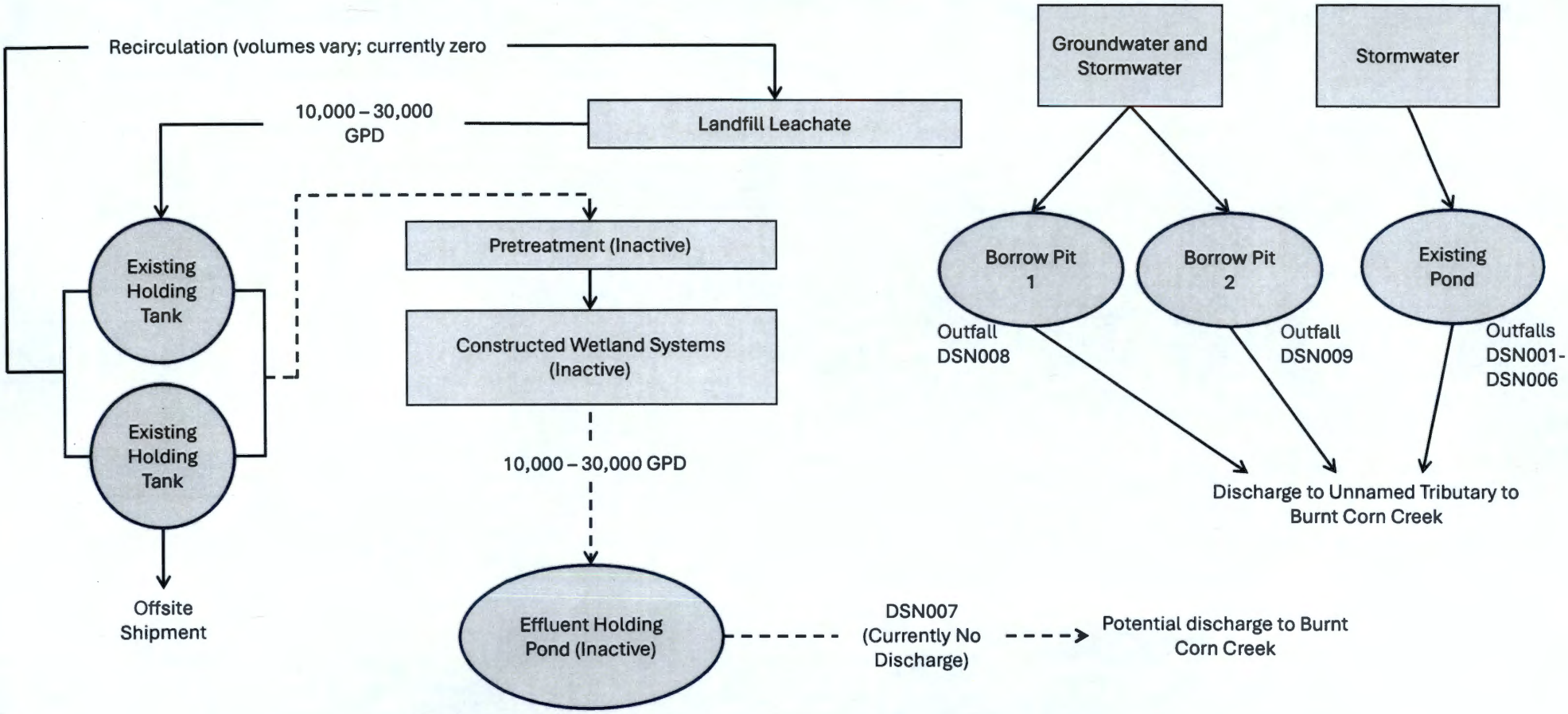
BREWTON, ESCAMBIA COUNTY, ALABAMA

DATE: 01-16-2025

REPUBLIC SERVICES

Timberlands NPDES Permit Renew Application

Schematic Figure 2C-1



CERTIFICATE OF SECRETARY

RELATING TO THE DESIGNATION OF AUTHORIZED AGENTS FOR ENVIRONMENTAL PERMITS AND REPORTS FOR TIMBERLANDS LF (DIVISION #5092)

The undersigned, Secretary of **BFI WASTE SYSTEMS OF ALABAMA, LLC**, a Delaware limited liability company (the "Company"), hereby certifies that the following is a true and correct copy of the resolution which was duly adopted by **ALLIED WASTE NORTH AMERICA, LLC**, a Delaware limited liability company, the sole member of the Company (the "Member") by written consent of the Member on August 23, 2021, that such resolution has not been rescinded, amended or modified in any respect, and is in full force and effect on the date hereof:

RESOLVED, that any individual at the time holding the position of Environmental Manager; Area Environmental Manager (AEM); or General Manager and in connection with environmental solutions transactions only, Division President; or Director, Energy Services Development be, and each of them hereby is, appointed as an Authorized Agent of the Company, for the purpose of executing and delivering, in the name and on behalf of the Company, environmental permits and reports, all in accordance with the existing Levels of Authority and other relevant policies and procedures.

I further certify that **SCOTT MADILL** holds the title of Environmental Manager and in such capacity has full authority to act in the name and on behalf of the Company as set forth in the foregoing resolution.

WITNESS MY HAND, this 14th day of June, 2023.

Lauren McKeon

Lauren McKeon, Secretary

REPUBLIC SERVICES

October 2, 2025

Mr. Clint Dear
Environmental Engineering Specialist
Industrial Section - Industrial/Municipal Branch - Water Division
Alabama Department of Environmental Management
1400 Coliseum Boulevard
Montgomery, AL 36110-2400

Re: Timberlands Landfill
NPDES – AL0079171 Outfall 007 – Burnt Corn Creek

Dear Mr. Dear:

As requested, this correspondence is to provide an update and status of the referenced discharge point at Timberlands Landfill. As of September 30, 2025, we have not completed construction of discharge point AL0079171 – 007. We will provide notice to the Alabama Department of Environmental Management – Water Division, when this discharge point is constructed and prior to use.

Please contact me at 850-450-4241. if you have questions or comments.

Sincerely,

BFI WASTE SYSTEMS OF NORTH AMERICA, LLC

Scott Madill
Environmental Manager

cc: Amber Hoffman – Republic Services