From: Meghann Perry <meperry@HHNT.COM>
Sent: Tuesday, September 15, 2020 10:23 AM
To: dlw@adem.state.al.us
Cc: bonner.jones@advanceddisposal.com; Gerald.Allen@advanceddisposal.com; kenneth.gann@advanceddisposal.com; michael.stowe@advanceddisposal.com; Kevin Berry <kberry@HHNT.COM>; Robert Heller <rheller@HHNT.COM>
Subject: HHNT- Cedar Hill Landfill- BMP and SWPPP Update

Good Morning Ms. Warren,

Please see the attached documents (2 total) regarding Cedar Hill Landfill- Best Management Practices (BMP) and Stormwater Pollution Prevention Plan (SWPPP) Update.

Should you have any questions or concerns, please feel free to give us a call.

Thank you and have a great day.

Meghann Perry
Executive Assistant

Hodges, Harbin, Newberry & Tribble, Inc.
3920 Arkwright Road, Suite 101 | Macon, Georgia 31210
Phone: (478) 743-7175 | Cell: (229) 942-7974 | Fax: (478) 743-1703
Email: meperry@hhnt.com
www.hhnt.com

HHNT

HODGES, HARBIN, NEWBERRY & TRIBBLE, INC.

Consulting Engineers

September 15, 2020

Ms. Lee Warren
Alabama Department of Environmental Management
Industrial Section / Water Division
P.O. Box 301463
Montgomery, Alabama 36130

Re: Cedar Hill Landfill
BMP and SWPPP Update
HHNT Project No. 1210-356-13

Dear Ms. Warren:

On behalf of Advanced Disposal Services Cedar Hill Landfill, Inc. and in accordance with Part IV.C.3. of the ALG160000 NDPES General Permit, we have attached a copy of the updated Best Management Practices (BMP) and Stormwater Pollution Prevention Plan (SWPPP).

This BMP Plan is being submitted since Broken Arrow Creek is listed on the 2020 303(d) list for siltation impairment. This BMP Plan documents how the BMPs will control the discharge of the pollutant(s) of concern and includes a monitoring plan to assess the effectiveness of the BMPs.

Should you have any questions, please call.

Sincerely,

HODGES, HARBIN, NEWBERRY & TRIBBLE, INC.

Kevin G. Berry
Professional Engineer

KGB/mp

Enclosure

cc: Bonner Jones (w/o enclosure)
Gerald Allen (w/o enclosure)
Kenny Gann (w/o enclosure)
Michael Stowe (w/o enclosure)

BEST MANAGEMENT PRACTICES AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

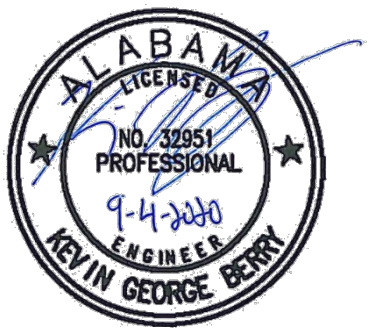
CEDAR HILL LANDFILL

ST. CLAIR COUNTY, ALABAMA

FOR

ADVANCED DISPOSAL SERVICES CEDAR HILL LANDFILL, INC.

FEBRUARY 2017
REVISED SEPTEMBER 2020



HHNT
HODGES, HARBIN, NEWBERRY & TRIBBLE, INC.
Consulting Engineers

3920 Arkwright Road, Suite 101 | Macon, Georgia | Phone: (478) 743-7175 | Fax: (478) 743-1703

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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."

Signed this 10 day of September 2020.

Bonner Jones	General Manager	
Name	Title	Signature

SUMMARY OF ROUTINE SWPPP REQUIREMENTS

Task	Frequency	Documentation / Form
Submit Non-Compliance Notification Form if discharge limits are exceeded during a sampling event by January 28th or July 28th	Semi-Annually (only if required)	Appendix G
Submit Annual Compliance Certification by January 28th	Annually	Appendix F
Conduct Facility Inspections	Twice Weekly	Appendix D
Collect Storm Water Samples at Outfalls DSN001-1, DSN001-4, DSN001-5, DSN001-6 and DSN001-7	Semi-Annually	N/A
Conduct Additional Sampling During Times of Construction Activity	Semi-Annually	N/A
Conduct quarterly monitoring for Impaired Outfall DSN001-7	Quarterly	N/A
Submit electronic Discharge Monitoring Reports (e-DMRs) by January 28th and July 28th	Semi-Annually	N/A (online)
Conduct Employee Training	Annually	Appendix E

SWPPP AMENDMENT LOG

Amend No.	Description of the Amendment	Date of Amendment	Amendment Prepared by [Name(s) and Title]
1.	Update per the new NPDES General Permit and to reflect current site conditions.	February 2017	W. Michael Stubbs, P.E.
2.	Updated to reflect new outfalls and stream impairment	August 2020	Kevin Berry, P.E.
3.			
4.			
5.			
6.			
7.			
8.			

INTRODUCTION

This Best Management Practices (BMP) and Storm Water Pollution Prevention Plan (SWPPP) was prepared by a Qualified Credentialed Professional (a Professional Engineer) to comply with the NPDES General Permit No. ALG160084 Storm Water Discharges Associated with Industrial Activity (Permit), with an expected effective date of February 1, 2017. The foremost purposes of the BMP and SWPPP (or the Plan) are to identify potential sources of storm water pollution and to develop and implement management practices that eliminate or minimize pollution in storm water discharge from the facility. Advanced Disposal Services Cedar Hill Landfill, Inc. (Owner / Operator) understands that this SWPPP must be prepared and implemented in order to protect Alabama state waters.

An electronic Notice of Intent (eNOI) was submitted to ADEM on August 2020 (Appendix A) to renew coverage under this Permit. The following discharge types were listed on the eNOI and are therefore covered by the Permit for this facility:

- **DSN001: All storm water discharges which do not contain leachate from active or inactive landfills, from transfer stations; including land disturbing activities associated with opening and closing cells at landfills**

- **DSN003: Uncontaminated storm water from equipment maintenance and storage and petroleum storage and handling areas**

The primary industrial activity at this facility is operation of a Municipal Solid Waste (MSW) Landfill (DSN001). Other industrial activities at the facility include land disturbance activities associated with opening and closing landfill cells (DSN001) and fueling and maintaining waste equipment and vehicles (DSN003). This SWPPP covers all industrial activities at the facility.

This SWPPP shall replace all previous versions that were prepared for this facility.

PART 1. POLLUTION PREVENTION TEAM

Cedar Hill Landfill has established a Storm Water Pollution Prevention Team, hereafter referred to as "The Team". The Team consists of a group of facility employees responsible for overall coordination, development, implementation and revision to the Plan.

The pollution prevention team will consist of the following individuals:

Staff Title	Individual Responsibilities
General Manager (Team Leader)	1. Review SWPPP annually and update as needed 2. Oversee employee training annually (Appendix E) 3. Identify non-compliance issues and correct immediately 4. Conduct routine semi-annual storm water sampling by June 30th and December 30th 5. Conduct construction storm water sampling semi-annually by June 30th and December 30th , when applicable 6. Conduct construction storm water sampling quarterly by June 30th and December 30th for Outfall 001-7 when applicable. 7. Responsible for good housekeeping

Staff Title	Individual Responsibilities
Environmental Compliance Manager	1. Submit eDMRs of sampling data by July 28th and January 28th 2. Submit Annual Compliance Certification by January 28th (Appendix F) 3. Submit NonCompliance Notification Form by July 28th or January 28th, if required. (Appendix G)

Staff Title	Individual Responsibilities
Operations Manager	1. Conduct twice-weekly facility inspections on Form in Appendix D 2. Record secondary containment drainage events on the log (when applicable) in Appendix H

PART 2. SITE DESCRIPTION

2.1 General Facility Information

Permittee Name:	Advanced Disposal Services Cedar Hill Landfill, Inc.
Common Name:	Cedar Hill Landfill
Address:	1319 No Business Creek Road Ragland, Alabama 35131
Approximate Property Size:	± 788 acres
SWPPP Contact:	Mr. Bonner Jones. General Manager (256) 474-0771 bonner.jones@advanceddisposal.com
Permit Number:	ALG160084

2.2 Facility Activities

The primary industrial activity performed at the facility is operation of an active landfill and land disturbance activities associated with opening and closing landfill cells (DSN001). Secondary activities include equipment maintenance and storage, and petroleum storage and handling activities (DSN003).

Cedar Hill Landfill consumes and stores industrial materials for the operation of this facility. The facility handles, stores, and transfers products for the purposes of equipment maintenance support and operational support. The facility receives products by a common carrier via tanker or delivery truck.

2.3 Location Map

A general Location Map meeting the requirements of the Permit is included in Appendix B.

2.4 Site Map

A detailed Site Map of the facility meeting the requirements of the Permit is included in Appendix C.

2.5 Receiving Waters and Wetlands

The receiving water for Outfalls DSN001-1/DSN003-1, DSN001-4, DSN001-5 and DSN001-6 is No Business Creek. No Business Creek is not listed on the 2020 303(d) list of impaired waters, and no TMDL has been developed for the waterbody. The receiving water for Outfall DSN001-7 is an unnambed tributary of Broken Arrow Creek. Broken Arrow Creek is listed on the 2020 303(d) list for siltation impairment. No TMDL has been developed for this waterbody.

2.6 Storm Water Management

Storm water originating within this facility (run-off) from active industrial areas is routed via drainage ditches and pipes to the on-site sediment pond Nos. 1, 2, 3, 4 and 5. The sediment ponds allow residence time for sediment and other pollutants to settle out prior to discharging off site. Storm water discharges from the sediment pond via overflow structures to the receiving waters for this facility; these locations are designated Outfall DSN001-1, DSN001-4, DSN001-5, DSN001-6 and DSN001-7. Runoff from the petroleum storage area (diesel tank) travels to sediment pond No. 1, 2 or 3 via natural topography and piping, and discharges via overflow structure; the location of the petroleum storage area will vary depending on the location of the working face. These outfall locations are designated DSN003-1, DSN003-2, and DSN003-3. All outfall locations as well as generalized flow direction arrows are shown on the Site Map (Appendix C).

The designated discharge points for this facility are listed below:

- Discharge Point DSN001-1/DSN003-1 (Outfall of Sediment Pond No. 3)
- Discharge Point DSN001-4/DSN003-2 (Outfall of Sediment Pond No. 1)
- Discharge Point DSN001-5/DSN003-3 (Outfall of Sediment Pond No. 2)
- Discharge Point DSN001-6 (Outfall of Sediment Pont No. 4)
- Discharge Point DSN001-7 (Outfall of Sediment Pont No. 5)

PART 3. SUMMARY OF POTENTIAL POLLUTANT SOURCES

3.1 Industrial Activities & Associated Pollutants

Certain activities performed at Cedar Hill Landfill are considered to be industrial activities, as defined by the Permit. The primary industrial activity performed at the facility is operation of an active landfill and land disturbance activities associated with opening and closing landfill cells (DSN001). Secondary activities include equipment maintenance and storage, and petroleum storage and handling activities (DSN003). All industrial activities and associated industrial materials, which are potential pollutants, are listed in Table 3.1 below, along with an indication of whether or not each pollutant is exposed to storm water.

Table 3.1

Industrial Activity	Potential Pollutant	Exposed To Storm Water?
Active Landfill And Opening And Closing Landfill Cells (DSN001)	Solid Waste	No
	Leachate	No
	Sediment	Yes
	Wash Water	No
Equipment Maintenance & Storage and Petroleum Storage and Handling (DSN003)	Diesel	Yes
	Misc. Products on Mobile Maintenance Truck	Yes

3.2 Spills and Leaks

Table 3.2 indicates which outfalls would be affected by a spill or leak that may occur at different locations throughout the facility. Table 3.3 provides a place for documentation of spills and leaks that have occurred. According to site personnel and onsite records, as of the date of this Plan, no significant spills or leaks of toxic or hazardous pollutants have occurred in areas exposed to storm water, nor have any drained to a storm water conveyance. Table 3.3 will be updated if any significant spills or leaks occur in exposed areas of the facility during the term of the Permit.

Areas of Site Where Potential Spills/Leaks Could Occur

Table 3.2	
Location	**Outfalls**
Landfill Cells (mobile maintenance truck or leachate outbreak)	DSN001-1, DSN001-4, DSN001-5, DSN001-6 and DSN001-7
Diesel Storage Tank	DSN003-1, DSN003-2, and DSN003-3
Leachate Storage Tanks (leachate)	DSN001-4 and DSN001-5
Leachate Load-out Pad	DSN001-5

Description of Past Spills/Leaks

Table 3.3		
Date	**Description**	**Outfalls**
Insert date of spill/leak	Insert description of spill/leak (where it occurred, what happened, types of pollutants, extent of damage)	Specify which outfall(s) were affected

PART 4. STORM WATER CONTROL MEASURES

4.1 Structural Control Measures

Table 4.1 describes control measures that have been implemented for areas of industrial activity in order to prevent and control pollutants in the storm water discharges from the facility. Additionally, Table 4.2 describes the secondary containment measure that has been implemented in the areas of industrial activities for petroleum storage products. Structural control measures are also shown on the Site Map in Appendix C.

Table 4.1

Industrial Activity	Control Measure Description
Active Landfill & Opening and Closing Landfill Cells (DSN001)	- Sediment Ponds - Covering of waste at working face daily - Leachate Collection System - Secondary containment for leachate storage tank - Leachate Load-out Pad - Leachate properly disposed of at approved WWTP or in evaporator system - Ditches and berms to route all storm water run-off to the Sediment Ponds - Drainage features to prevent storm water run-on from contacting disposal area - Erosion Control Devices (see Section 4.6) - Good housekeeping - Routine inspections - Dust control - All washing of trucks/equipment will be done over landfill liner in a manner that does not cause run off (i.e. no discharge)
Equipment Maintenance & Storage and Petroleum Storage & Handling (DSN003)	- Secondary containment for all tanks > 55 gallons(see table 4.2) - Mobile Refueler parked over landfill liner - Use of drip pans - Spill kits - Unloading performed under supervision of trained personnel - Direct-reading level gauges - Routine Inspections - Good housekeeping

Table 4.2			
Industrial Material	**Storage Capacity (gal)**	**Storage Description**	**Secondary Containment**
Diesel Fuel	2,000	Steel AST	Double-Walled
Diesel Fuel	88	Mobile Refueler (Steel AST)	Landfill Liner

4.2 Good Housekeeping

Good housekeeping procedures reduce the possibility of accidental spills and minimize safety hazards to facility personnel. Key elements of the facility's good housekeeping program include:

- Prompt removal of minor spillage:

  Minor spills that occur in the parking lot, materials handling and fuel transfer areas, or resulting from overfilling containers or leakage will be collected immediately. Absorbent material is placed on the spill and the waste absorbent material is properly collected and disposed. Stained soil or gravel will be scraped up and replaced with clean material.

- Proper storage of materials:

  All storage containers on-site should be labeled according to their contents. All materials should be stored in appropriate containers suitable for the material they contain.

- Parking lot maintenance and vehicle & equipment storage:

  Parking areas for vehicles and trailers are periodically inspected and maintained. Litter is picked up and disposed and drip pans are inspected and emptied as needed. This maintenance program minimizes the potential for discharge of petroleum drips, spills, and leaks.

- Building:

  Drip pans and absorbent material should be used during equipment maintenance. The floor of the building should be cleaned regularly using dry cleanup methods or all washwater should be contained.

- Daily Cover at Working Face:

  At the end of every work day, daily cover or an approved alternate should be placed over waste and not removed until the beginning of the next work day.

4.3 Prohibited Discharges

Water that comes into contact with solid waste (leachate) must be contained and not allowed to discharge off site. Storm water that comes into contact with the disposal cells will be collected and contained within the leachate collection system. Leachate is pumped to the

leachate storage tank where it is stored prior to being pumped and hauled to an approved WWTP or disposed of via the evaporator system.

Sewage from on-site facilities discharges into a septic tank system and is not allowed to enter the storm water drainage system.

Discharges from vehicle and equipment washing operations that use solvents or that comes into contact with solid waste at the landfill facility are not allowed.

4.4 Preventive Maintenance

Personnel at the facility routinely inspect industrial material storage areas and industrial activity areas during daily operations. Generally, the inspections consist of a twice-weekly facility walk-through to review the following:

- Industrial material storage areas for signs of leaks or potential storage container failures
- Industrial activity areas to ensure control measures are functioning properly
- Storm water conveyance systems to ensure they are functioning properly and there is no opportunity for pollutants to enter the system
- Vehicle parking area to check for signs of minor leaks or spills from the vehicles or equipment
- Landfill sideslopes for signs leachate seeps

These inspections minimize situations that could result in leaks, spills and other releases of pollutants in storm water discharged from the facility. If any deficiencies are found, repairs shall be performed before the next anticipated storm event. If maintenance prior to the next anticipated storm event is not possible, maintenance shall be scheduled and accomplished as soon as practicable. In the interim, back-up measures (i.e. additional spill kits, portable containment structures) shall be employed and documented in the SWPPP until repairs or maintenance is complete. Documentation of maintenance and repairs of control measures should be recorded on the next inspection form as a follow up.

4.5 Spill Prevention and Response Procedures

It is the goal of Cedar Hill Landfill to minimize the risk of a spill and increase the effectiveness of a response to a potential spill. On-site personnel are trained for spill response procedures on a regular basis.

The facility employs several spill prevention and response procedures to reduce the chance of a spill entering the storm water discharge from the facility. These procedures are listed and explained throughout this section.

Spill Prevention Measures:

Industrial materials should be provided with secondary containment in the form of double walled tanks, containment structures, or active containment measures. Current prevention measures are listed in Tables 4.1 and 4.2 of this Plan.

Labeling Containers:

All containers used to store industrial materials that are susceptible to spillage or leakage are properly labeled according to their contents. This allows for proper handling and rapid response if spills or leaks occur.

Spill Response Equipment:

The following is a list of equipment to be utilized in the event of a spill or leak:

- Employee Protection includes protective gloves and safety glasses, which are available in the office. Boots are required for all staff.
- Spill Kits include absorbent booms, pads, and wipes and are located where fueling and maintenance activities occur.
- Fire Extinguishers are located adjacent to storage tanks in equipment and inside the office.
- Shovels are located in various locations throughout the facility.
- Brooms and Dustpans are located in various locations throughout the facility.

Spill Response Procedures:

This facility maintains a Spill Prevention Control & Countermeasure Plan (SPCC) which details how any spills involving petroleum products will be handled on-site. In general, the procedures outlined below are to be followed for all spills of industrial materials.

- Identify and shut down the source of the spill to stop the flow, if safe to do so.
- Contain the spill with absorbent materials, berms, trenches or other methods.
- Contact the Team Leader immediately to coordinate efforts in securing the facility, alerting on-site employees and initiating the response effort.
- Contact regulatory authorities and the response organization, as described in the Spill Reporting section below.
- Report any unauthorized discharge as discussed in Section 8.3 of this Plan.
- Collect and dispose of recovered products according to regulation.
- If malfunctioning equipment is responsible for the spill or leak, repairs will be made as soon as possible.

Spill Reporting:

In the event of a release of oil or hazardous substances in excess of reportable quantities (known as the “sheen rule”), the following agencies must be notified:

- ADEM Emergency Management Agency – 24 Hour Emergencies – (800) 843-0699
- National Response Center – (800) 424-8802

Advanced Disposal Services Corporate Notification Procedures must also be followed, including completion of the Spill / Release Report, included in Appendix K.

In addition, if the facility discharges more than 1,000 gallons of oil in a single event or more than 42 gallons of oil in two events within any twelve month period, then the facility must file a report with the EPA Regional Administrator within 60 days.

- EPA Region IV – 1 (800) 241-1754 or 1 (404) 562-990

4.6 Erosion and Sediment Control

Construction Activities

Due to the nature of landfills, construction, such as the opening and closing of landfill cells, will be ongoing throughout the life of the facility. Generally, the landfill will be constructed in phases, and phase specific construction drawings will be developed by an Alabama registered Professional Engineer to provide detailed guidance for the practices to properly control runoff. This BMP Plan, implemented in combination with the construction drawings, will meet the requirements of the Permit. A typical schedule for construction activities is as follows:

1. Install silt fencing
2. Clearing and grubbing of construction area
3. Construct sediment and erosion control structures (i.e., storm water ditches, berms, swales, and sediment pond(s))
4. Construct landfill cell(s) or landfill cap
5. Establish vegetation
6. Engineer certification

As each phase is constructed or closed, only those areas necessary for construction will be disturbed. Erosion and sediment control measures shall be implemented to divert up-slope storm water from disturbed areas. All storm water originating within or passing through the facility is routed via ditches, swales, and conveyance pipes, to the sediment ponds which allow residence time for sediment and other potential pollutants to settle out prior to discharging off-site. Those areas that cannot be directed to the sediment ponds shall be managed with one or more of the following:

- Silt fence
- Ditch checks
- Rip-rap
- Hay bales
- Vegetative cover
- Matting
- Temporary sediment traps

Construction and worker debris produced during any construction activities will be immediately removed and disposed of in an approved manner. No trash, refuse or other such material will be discharged into the waters of the State of Alabama.

The BMP Plan requires implementation and continued maintenance of effective structural and non-structural practices and management strategies to prevent and minimize the introduction of pollutants to storm water and to treat storm water to remove pollutants prior to discharge.

The applicable BMPs from the Alabama Handbook for Erosion Control, Sediment Control, and Stormwater Management on Construction Sites and Urban Areas, Alabama Soil and Water Conservation Committee (ASWCC), 2018 edition shall be used as necessary to maintain compliance and are as follows:

Sediment and Erosion Controls

Erosion controls provide the first line of defense in preventing off-site sedimentation and are designed to prevent erosion through protection and preservation of soil. Sediment controls are designed to remove sediment from runoff before the runoff is discharged from the site. Sediment and erosion controls can be further divided into two major classes of controls: structural and non-structural controls. Typically, a combination of structural and non-structural practices (as well as storm water management and housekeeping measures) are necessary throughout the site to provide adequate water quality protection. Major types of sediment and erosion control practices are summarized below.

Non-Structural Controls

Stabilization refers to establishing and maintaining an existing vegetative cover over soil. Vegetative cover includes grass, trees, vines, shrubs, etc. Stabilization measures can also include non-vegetative controls such as geotextiles, rip-rap or gabions (wire mesh boxes filled with rock). Mulches such as straw or bark can be somewhat effective at stabilization in stand-alone fashion but are most effective when used in conjunction with vegetation. The most efficient erosion control method is to prevent sediment from being picked up and transported in run-off. This is implemented by covering and stabilizing the disturbed soil as soon as possible.

Stabilization of exposed soil is one of the foremost means of minimizing the discharge of pollutants during construction activities. Stabilization reduces erosion potential by intercepting water so that it infiltrates into the ground instead of running off the surface, and slowing the velocity of runoff, thereby promoting deposition of sediment already being carried. Stabilization provides large reductions in the levels of suspended sediment in discharges and receiving waters.

a. Temporary and Permanent Seeding

   Temporary seeding is an effective stabilization practice for areas where construction activities have temporarily ceased but will commence at a later date. Permanent seeding is required for disturbed areas where all construction activities are complete. Establishing a temporary or permanent and sustainable ground cover at a site stabilizes the soil and therefore reduces sediment in runoff.

b. Mulching

Mulching is often done coupled with permanent and temporary seeding. Where temporary or permanent seeding is not feasible, exposed soil can be stabilized by spreading plant residues or other suitable materials on the soil surface. Although generally not as effective as vegetation, mulching by itself provides a measure of temporary erosion control. Mulching in conjunction with seeding provides erosion protection prior to the onset of plant growth. In addition, mulching protects newly-applied seeds, providing a higher likelihood of successful vegetation. To maintain its effectiveness, mulch should be anchored to resist wind displacement.

c. Vegetative Buffer Strips

Vegetative buffer strips are indigenous or replanted strips of vegetation located at the top and bottom of a slope, outlining property boundaries or adjacent to receiving waters such as streams or wetlands. Vegetative buffer strips can slow runoff at critical locations, decreasing erosion and allowing sedimentation. They can be especially useful for very narrow linear construction projects such as underground utilities or pipelines.

Structural Controls

Structural practices involve the installation of devices to divert, store, or limit runoff. Structural practices have several objectives. First, structural practices can be designed to prevent water from flowing onto disturbed areas where erosion may occur. This involves diverting runoff from undisturbed, up-slope areas around disturbed areas through the use of earthen dikes, swales, perimeter ditches, conveyance pipes or other diversions to stable areas. Another objective of structural practices may be to remove sediment before the runoff leaves the site. Methods for removing sediment from runoff include the use of silt fence around the site and the utilization of sediment ponds and storm water ponds, which allow any sediment to settle out before discharging off-site. All structural practices require proper maintenance (e.g., removal of collected sediment) to remain functional.

Structural practices requiring earth fill for construction purposes must use earth fill that is non-toxic, non-acid forming and free of solid waste or other debris unless approved by ADEM. This requirement includes not only erosion control structural practices, but construction activities at the facility requiring earth fill.

a. Earth Dikes

Earth dikes are temporary berms or ridges of compacted soil that channel water to a desired location. Earth dikes should be stabilized with vegetation or an equally efficacious method.

b. Silt Fences

Silt fences are a barrier of geotextile fabric (filter cloth) used to intercept sediment and diffuse runoff. They must be firmly anchored and may require additional support, such as reinforcing with hog-wire fencing. They must be carefully maintained to ensure structural stability and be cleaned of excess sediment. Silt fences are only a temporary measure.

c. Drainage Swales

A drainage swale is a channel lined with grass, rip-rap, asphalt, concrete or other materials. They are installed to convey runoff without causing erosion.

d. Sediment Traps

Sediment traps are installed in drainage pathways, at storm drain inlets or other discharge points from disturbed areas. They are temporary structures designed to reduce water velocity and subsequently allow soil particles to settle out. These will be installed throughout the site.

e. Check Dams

Check dams are small temporary dams constructed across a swale or drainage ditch to reduce the velocity of runoff, thereby reducing erosion in the swale or ditch. They should not be used in a permanent stream. More elaborate erosion controls in a flow conduit may be unnecessary if check dams are installed, due to the decrease in energy of the runoff.

f. Sediment Ponds

Sediment ponds are typically an excavation or an embankment across a drainage pathway, or a combination of both, that creates a pond to collect and treat storm water run-off prior to discharging. They are designed to receive storm water run-off from large drainage areas. As storm water run-off enters the sediment pond, storm water flows are dissipated and suspended solids and other potential pollutants are allowed to settle out prior to discharging off-site.

g. Rock Outlet Protection (Rip-Rap)

Rock protection placed at the outlet of conduits can reduce the depth and velocity of water so the flow will not cause downstream erosion.

h. Brush Barriers

Brush barriers are typically a windrow of cleared trees, shrubs, and bushes that can be constructed in areas where heavy flows are concentrated. As storm water makes its way through the maze of material, it slows and deposits sediment.

i. Flocculants/Coagulants

Flocculants and coagulants are formulated to assist in solid/liquid separation of suspended particles in solution. Application rates shall conform to manufacturer's guidelines for application. Additionally, the specific products to be used will be selected to ensure constituents of concern are not artificially introduced to storm water by use of the product. Examples of application include FlocLogs and FlocSocks, which can be placed in ditches, the inlets of storm water pipes and drop inlets or at the outlet of storm water pipes.

Any future phase specific construction drawings shall be incorporated into this SWPPP by reference. In addition to the control measures shown on the Site Map, various other temporary control measures (silt fence, FlocLogs, etc.) may be used on an as-needed basis.

4.7 Enhanced Best Management Practices

In accordance with the Permit, Facilities that discharge into a receiving water which is listed on the State of Alabama's 303(d) list of impaired waters, and with discharges that contain the pollutant(s) for which the waterbody is impaired, must document in its BMP plan how the BMPs will control the discharge of the pollutant(s) of concern, and must ensure that there will be no increase of the pollutants of concern. A monitoring plan to assess the effectiveness of the BMPs in achieving the allocations must also be included in the BMP plan.

As discussed previously, the receiving water for Outfall DSN001-7 is an unnamed tributary of Broken Arrow Creek, which is listed on the 2020 303(d) list for siltation impairment. No TMDL has been developed for this waterbody.

In order to control the discharge of sediment (pollutant of concern) through Outfall DSN001-7, Sediment Pond No. 5 was constructed to capture the storm water runoff from the associated drainage area ahead of the outfall. Sediment Pond No. 5 was designed as a Sediment Basin in accordance with the latest edition of the Alabama Handbook for Erosion Control, Sediment Control, and Stormwater Management on Construction Sites and Urban Areas. This design also included a permanent pool that will provide additional capability for retaining and capturing sediment from storm water. Additionally, the skimmers installed, to dewater the pond from the surface, were installed with gate valves that will allow the facility to manually control the release of stormwater from Sediment Pond No. 5. This can be accomplished by closing the gate valves on the skimmer outlet pipes or by manually lifting the skimmer/dewatering devices above the expected water surface elevation resulting from a large storm event. This practice intentionally contains high volume storm events with no discharge, thereby increasing storm water retention and allowing additional residence time. The facility may then slowly dewater the pond by lowering the skimmers after sufficient retention time has passed. A summary of the currently permitted design calculations compared to the Alabama Handbook for Erosion Control, Sediment Control, and Stormwater Management requirements, current at the time of permitting, is presented below.

Criteria	Alabama Handbook for Erosion Control Requirements (At Time of Permitting)	Actual Design
Length: Width	2:1	2.5:1
Sediment Storage @ Perm Pool Depth	3,600 C.F. / Acre	17,370 C.F. / Acre
Min. Permanent Pool Depth	2'	2'

10-YR Design Storm Dewatering Time	48 – 120 HRS	113 HRS
Dewatering of Basin From Top of Overflow Structure	None	199 HRS
Storm Event Retention Below Top of Overflow Structure	None	25 – YR
Dewater Basin From Surface	Surface Skimmer	2" – 4" Faircloth Skimmers

The effectiveness of this BMP will be assessed by the required monitoring of DSN001-7. The Permit and Part 6 of this SWPPP require samples for settleable solids, downstream turbidity and upstream turbidity to be taken once per quarter while construction activities are ongoing. These same parameters will be used to evaluate the effectiveness of the enhanced BMP; however, the facility will sample DSN001-7 every quarter regardless of construction activities occurring within the drainage area. This additional sampling will not be required if no industrial activities are occurring with the drainage area and the area is fully stabilized. The results from this sampling will be reviewed to assess the effectiveness of the BMPs in controlling sediment.

4.8 Employee Training

Employees who work in areas where industrial materials or activities are exposed to storm water or who are responsible for implementing activities necessary to meet the conditions of the Permit, including all members of the Storm Water Pollution Prevention Team, shall be trained at least annually. Newly hired employees responsible for implementing and/or complying with the requirements of this SWPPP will receive initial training prior to performing such responsibilities. All employees responsible for implementing and/or complying with the requirements of this SWPPP will receive refresher training at a minimum of every twelve (12) months, thereafter.

Training will be the responsibility of the Team Leader. A demonstration of employee training will be maintained by the Team Leader. An Employee Training Log Sheet for recordkeeping is located in Appendix E. This Log includes employee's names, date of training, contents of training, an indication whether it was initial or refresher training and the employee's signature acknowledging that training was received. All training records shall be maintained for at least three years from the date of training.

Training will at a minimum address, but not be limited to, the following elements:

- SWPPP goals and plan components including:
    - Housekeeping and pollution prevention requirements,
    - Spill prevention and response procedures,

- Identification and elimination of non-allowable, non-storm water discharges,
- Installation, maintenance and inspection of all controls for construction measures
- Monitoring requirements
- Inspection requirements
- Reporting requirements
- Documentation / Recordkeeping

- Recordkeeping, reporting and record retention requirements (includes understanding the records filing system and being able to produce the required permit documentation in the event of an inspection)

- Release reporting and non-compliance notification requirements

4.9 Waste, Garbage and Floatable Debris

To prevent waste, garbage, and floatable debris from entering storm water runoff, waste is covered daily. Construction and worker debris produced during any construction activities will be immediately removed and disposed of. The twice-weekly inspections will include policing the site for litter, and disposing of trash in waste receptacles or in the on-site landfill.

4.10 Airborne Pollution Control

Unpaved facility access roads are the largest potential source of dust generation at this facility. The facility will control dust by use of a water truck, if necessary. Water will be applied as needed to the facility access roads.

Dust is the only airborne pollutant present at the facility. Should herbicides, spray paint, or other airborne pollutant sources be used or become present at this facility, they will be used as directed by the manufacturer. Methods and application techniques will be reviewed to ensure these potential pollutants do not enter water bodies during normal operational procedures and at times of construction.

PART 5. FACILITY INSPECTIONS

5.1 Twice-Weekly Inspections

Cedar Hill Landfill personnel will conduct facility inspections of landfill activities and outfalls twice per week. Inspections should include areas where industrial materials or activities are exposed to storm water, as well as all control measures implemented at the site to prevent pollution of storm water. These inspections will be performed by personnel who possess the knowledge and skills to assess conditions and activities that could impact storm water quality at the facility and who can also evaluate the effectiveness of control measures. The inspections will be performed during periods when the facility is in operation.

The results of the inspections shall be summarized and documented on the Twice Weekly Facility Inspection Log located in Appendix D. It shall be the responsibility of the Team Leader to follow up on an item found damaged or non-functional and record on the Inspection Log how it was corrected. **Each inspection form should be signed by the person performing the inspection.**

5.2 Diked Area Inspections

Part I.A., Discharge DSN003 requires that visual inspections of diked areas (such as secondary containment structures exposed to storm water) holding petroleum products must be performed prior to draining accumulated water from the structure. **Currently there are no diked petroleum secondary containment areas at this facility that are exposed to precipitation since the diesel storage tank is double walled.** The following procedures will be followed if there are exposed diked areas in the future**.**

When draining a secondary containment structure, or other diked area, a portable oil skimmer or similar device, or the use of an absorbent material must be used to remove any visible oil and grease (as indicated by the presence of a sheen) prior to drainage.

Monitoring records for draining secondary containment structures shall be maintained in the form of a log and shall contain the following information:

- Date and time of draining operations;
- Estimated volume of discharge; and
- Initials of person making visual inspection and authorizing the discharge.

A Secondary Containment Storm Water Release Log is located in Appendix H.

PART 6. SAMPLING REQUIREMENTS

Cedar Hill Landfill discharges storm water runoff from 5 outfalls, designated DSN001-1/DSN003-1, DSN001-4, DSN001-5, DSN001-6 and DSN001-7 on the Site Map in Appendix C. Below are sampling instructions that detail the analytical monitoring requirements.

Storm Water Sampling Instructions

The sample type for all required monitoring is called a grab sample. Grab samples will be obtained by partially submerging the mouth of the container below the water surface to allow slow filling of the container. All required monitoring will be performed during a storm event that is greater than 0.1 inches of rainfall and that follows the preceding measurable storm event by at least 72 hours. The grab sample shall be taken during the first 30 minutes of the discharge. If it is not practicable to take the sample during the first 30 minutes, the sample may be taken as soon as possible, provided that the permittee explains why a grab sample during the first 30 minutes was impracticable.

Records of monitoring information shall include:

- Rainfall measurement (in inches) for the storm event ;
- The date, exact place, and time of sampling or measurements;
- The individual(s) who performed the sampling or measurements;
- The date(s) and times analyses were performed;
- The individual(s) who performed the analyses;
- The analytical techniques or methods used; and
- The results of such analyses.

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.

In accordance with the Permit, records shall be retained with the SWPPP for a period of three (3) years beyond the date of the sample measurement, report, or application.

6.1 Semi-Annual Sampling

Cedar Hill Landfill will sample Outfalls DSN001-1, DSN001-4, DSN001-5, DSN001-6, and DSN001-7 for the effluent characteristics listed in Part I. A. of the Permit under discharge category DSN001. The only parameter that is not sampled semi-annually is Chemical Oxygen Demand, which only has to be sampled annually. **Sampling is not required for DSN003-1 outfall.**

Semi-annual sampling shall be performed during the first complete January – June or July – December period following authorization under this Permit and during each subsequent six (6) month period.

The annual parameter may be sampled during the first or second six months of the monitoring period.

6.2 Construction Sampling

Part I.A., DSN001 requires three additional parameters to be sampled when land disturbing activities are occurring, such as opening and closing of landfill cells. During these times, settleable solids, upstream turbidity, and downstream turbidity must be monitored semi-annually for Outfalls DSN001-1, DSN001-4, DSN001-5, and and DSN001-6. Sampling should occur only at the outfall in the associated drainage boundary in which construction activity is occurring. See section 6.3 for remaining outfall sampling requirements during construction activity.

6.3 Impaired Streams Sampling

The receiving waters for this facility's stormwater discharges are no Business Creek and an unnamed tributary of Broken Arrow Creek. According to the most recent 303 (d) list, Broken Arrow Creek is listed as an impaired stream segment for siltation. The facility should sample DSN001-7 for settleable solids, downstream turbidity and upstream turbidity quarterly instead of semi-annually due to the impairment. This sampling should occur regardless of construction activity occurring within in the drainage area. The results of the sampling will be submitted in conjunction with the routine semi-annual DMR's to ADEM and will be reviewed to assess the effectiveness of the BMP's in controlling sediment.

6.4 Substantially Identical (Representative) Outfalls

At this time, Cedar Hill Landfill does not intend to implement representative outfall monitoring. In the future, should the facility determine representative outfall monitoring is appropriate, the facility will follow the instructions in Part I. A. of the Permit.

PART 7. CORRECTIVE ACTION

7.1 Inspections

Any deficiencies in the implementation of the SWPPP that are found during the inspections shall be corrected as soon as practicable. Corrective actions taken should be documented on an inspection form.

7.2 Data Exceeding a Discharge Limit

In accordance with Part I.C.2.b. and c. of the Permit, if any storm water sampling results do not comply with the discharge limits of Part I.A., then a Noncompliance Notification Form should be completed and uploaded to the E2 reporting system to be attached with the next eDMR. The form should include the following information:

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

PART 8. REPORTING REQUIREMENTS

8.1 Electronic Discharge Monitoring Report

Storm water sampling results must be submitted to the Department on a electronic Discharge Monitoring Report (eDMR) via the electronic environmental (E2) reporting system. **The eDMRs are due semi-annually by July 28th and January 28th**. If no sampling was conducted during a semi-annual monitoring period, a "No Discharge" eDMR should be submitted. The annual parameter (Chemical Oxygen Demand) should be reported on the semi-annual report that is applicable to the date the annual parameter sample was taken.

The E2 reporting system can be accessed at the following website: https://e2.adem.alabama.gov/NPDES/Pages/Main/login.aspx?ReturnUrl=%2fnpdes%2fDefault.aspx

8.2 Annual Compliance Certification

The Permittee shall submit an Annual Certification by January 28th of each year that all discharges during the previous year associated with DSN003 (uncontaminated storm water from equipment maintenance and storage and petroleum storage and handling areas) were in accordance with the conditions of the Permit. This form certifies that no sheen, visible oil, floating solids, or visible foam was present in the discharges. The Annual Certification form can be uploaded to the E2 reporting system and should be attached to the January 28th eDMR.

8.3 Report of Noncompliance or Unauthorized Discharge

If for any reason, the permittee's discharge:

(1) does not comply with any daily minimum or maximum discharge limitation for an effluent characteristic specified in Provision 1.A. of the 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, upset,

(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),

then 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 electronically a report (or if acceptable to the Department, a written report) as provided in Provision 1.C.2.c. of the Permit no later than five (5) days after becoming aware of the occurrence of such discharge.

- **Director's Office:** (334) 271-7710
- **Emergency Response After-Hours:** 1 (800) 843-0699
- **Mailing Address:** P.O. Box 301463, Montgomery, AL 36130-1463

PART 9. MAINTAINING AN UPDATED SWPPP

9.1 Modifications

If found deficient by the Director or other Department officials, the BMP plan will be amended within 30 days of receipt of notification and a certification will be submitted to the Department indicating that the correction has been made and implemented.

Additionally, the permittee shall review and amend the SWPPP as appropriate whenever:

- There is construction or a change in design, operation, or maintenance at the facility that has as significant effect on the discharge, or the potential for the discharge, of pollutants from the facility,
- Routine inspections or compliance evaluations determine that there are deficiencies in the control measures.
- There is a spill, leak or other release at the facility.
- There is an unauthorized discharge from the facility.
- The Department notifies the permittee that a total maximum daily load (TMDL) has been developed and applies to the permitted facility.

If the SWPPP modification is based on a release or unauthorized discharge, include a description and date of the release, the circumstances leading to the release, actions taken in response to the release, and measures to prevent the recurrence of such releases.

Documentation of all SWPPP modifications should be listed on the SWPPP Amendment Log at the front of this Plan.

9.2 Availability

The permittee shall retain a copy of the current SWPPP at the facility. It shall be immediately available to ADEM at the time of an on-site inspection or upon request.

9.3 Additional Documentation Requirements

The facility must maintain the following documents and make them readily available to the Department to demonstrate full compliance with the Permit:

1. Inspections
2. Repairs
3. SPCC Plan
4. This Plan
5. Employee Training Records
6. Annual Certification / Non-Compliance Certification
7. NPDES Permit

8. Discharge Monitoring Reports (DMR's) & Analytical Data
9. Descriptions and dates of significant spills, leaks and other releases that resulted in discharges of pollutants to waters of the State or US
10. Secondary Containment draining activities, if applicable
11. Equipment Calibration
12. Descriptions of any corrective action taken at your site, including triggering event and dates when problems were discovered and modifications occurred.

Appendix A of this Plan contains a copy of the most current eNOI form (submitted for coverage under the reissued NPDES General Permit), and Appendix J contains a copy of the Permit. The other required documents can be filed in the appropriate Appendices as they are completed or required. All Documentation required to comply with the Permit must be kept for a period of at least three years from the date of the sample measurement, report or application.

A. NOTICE OF INTENT

NOTICE OF INTENT – GENERAL PERMIT NUMBER ALG160000

(ADEM Form 384 _____)

DISCHARGES ASSOCIATED WITH STORM WATER RUNOFF, NOT CONTAINING LEACHATE, FROM ACTIVE AND INACTIVE LANDFILLS AND FROM TRANSFER STATIONS INCLUDING STORM WATER RUNOFF FROM MAINTENANCE OPERATIONS AND EXPANSION CONSTRUCTION ACTIVITIES AT LANDFILLS, VEHICLE AND EQUIPMENT WASH WATER AND STORM WATER FROM PETROLEUM STORAGE AND HANDLING AND EQUIPMENT STORAGE AND MAINTENANCE AREAS.

FOR OFFICE USE ONLY

NPDES PERMIT NUMBER _____

FACILITY NUMBER _____

Mail to: Alabama Department of Environmental Management
Industrial General Permit Section
Industrial/Municipal Branch
Water Division
Post Office Box 301463
Montgomery, Alabama 36130-1463

ANSWER ALL QUESTIONS IN THE APPLICABLE SECTIONS. PLEASE MARK THE **"NOT APPLICABLE"** BOX IF A SECTION IS NOT APPLICABLE. INCOMPLETE OR WRONG ANSWERS COULD RESULT IN MORE STRINGENT PERMIT REQUIREMENTS. IF SPACE IS INSUFFICIENT TO ADDRESS ANY ITEM BELOW PLEASE CONTINUE ANSWER ON AN ATTACHED SHEET OF PAPER.

FACILITY IDENTIFICATION INFORMATION

A. Name of Facility to be shown on Permit: Cedar Hill Landfill

Name of permittee if different from above: Advanced Disposal Services Cedar Hill Landfill, Inc.

B. Mailing Address of Facility: – PO Box or Street Route 1319 No Business Creek Road

City, State and Zip Code Ragland, AL 35131

C. Location (STREET ADDRESS) of Facility: 1319 No Business Creek Road

City, County: Ragland, AL 35131 St Clair

D. Provide the latitudinal and longitudinal coordinates of the facility location. (Front Gate):

Latitude 33.68 N Longitude -86.25 W

E. Facility Contact Person and Title: Bonner Jones, General Manager

Telephone Number: 205-352-2024

F. Standard Industrial Code (SIC) (Names and Codes): 4953 - Refuse Systems

G. Description of industrial activity and land use at the facility:
Operation of a municipal solid waste landfill

H. Check the type of discharge at your facility and complete the applicable sections associated with the type checked:
[X] Storm water
[X] Storm water from petroleum handling operations
[ ] Exterior vehicle and equipment wash water

I. Please indicate which, if any, of the discharges in H. are combined.
Outfall DSN001-1 and DSN003-1; DSN001-4 and DSN003-2; DSN001-5 and DSN003-3 discharge is m

J. Has the facility ever been issued an NPDES Permit? Yes [X] No [ ]
Please provide the permit number and facility name at time of permitting.
Permit Number: ALG160084
Facility Name: Cedar Hill Landfill

Has the facility been issued an **INDIVIDUAL** NPDES permit?
Yes [ ] No [X] NPDES Permit No. AL00_____

Do you intend to replace your Individual NPDES permit with this General NPDES Permit? Yes [ ] No [ ]

K. Has the facility been issued a State Indirect Discharge (SID) Permit?

Yes [ ] No [X] SID Permit No. IU _____

L. Is this Notice of Intent for (check one):

[ ] First time issuance of a **GENERAL** Permit

[ ] Renewal of **GENERAL** Permit No. ALG_____

[X] Modification of **GENERAL** Permit No. ALG 160084

M. Are any of the discharges that you intend to be covered by this permit going to the municipal storm sewer?
Yes [ ] No [X]

N. Name of surface water to which the municipal storm sewer discharges:_____

O. Have you notified the municipality by letter as required by 40 CFR 122.26(a)(4)? Yes [ ] No [ ]

P. Date facility started or will start operations: 01/01/1974

Q. What is the size of the site in acres? 788

R. Do you discharge to any waters of the State that are impaired (303(d) or TMDL)? Yes [X] No [ ]
(A list of the impaired waters can be found at http://www.adem.state.al.us/programs/water/303d.cnt for 303(d)listed waters and http://www.adem.state.al.us/programs/water/wquality/2011ApprovedTMDLs.zip for waters subject to a TMDL.)
If yes, do your discharges contain pollutants of concern listed for the impaired water(s)? Yes [X] No [ ]
If yes, then enhanced BMPs are required. Also, an Individual NPDES Permit may be required, so please contact the Industrial/Municipal Branch of ADEM before proceeding.

DSN001– STORM WATER DISCHARGE INFORMATION

NOT APPLICABLE [ ]

A. List latitude and longitude (to seconds) of the point where each discharge exits your property and name of receiving stream:

0011 Latitude 33.689 N Longitude -86.251 W

Receiving Stream No Business Ck

0013 Latitude _____ N Longitude _____ W

Receiving Stream DEACTIVATED

0014 Latitude 33.683 N Longitude -86.25 W

Receiving Stream No Business Ck

0015 Latitude 33.6813 N Longitude -86.2509 W

Receiving Stream No Business Ck

0016 Latitude 33.6891 N Longitude -86.2547 W

Receiving Stream No Business Ck

0017 Latitude 33.6818 N Longitude -86.2584 W

Receiving Stream UT to Broken Arrow Creek

Latitude _____ N Longitude _____ W

Receiving Stream _____

Latitude _____ N Longitude _____ W

Receiving Stream _____

Latitude _____ N Longitude _____ W

Receiving Stream _____

Latitude _____ N Longitude _____ W

Receiving Stream _____

Latitude _____ N Longitude _____ W

Receiving Stream _____

Latitude _____ N Longitude _____ W

Receiving Stream _____

Latitude _____ N Longitude _____ W

Receiving Stream _____

B. Has storm water runoff from the facility been analyzed for presence of any known pollutants? Yes [ ] No [X]
If yes, attach the most recent copy of the analysis.

C. Storm water runoff discharges to:
[X] Surface water
[X] Seeps into the ground
[ ] Municipal storm sewer

D. This permit requires the development and implementation of a Best Management Practice (BMP) Plan. Does the facility have a BMP Plan? Yes [X] No [ ]

E. Does the facility have any of the following other control measures to prevent pollution?

1. Structural control measures (basins, etc.) Yes [X] No [ ]
2. Treatment of groundwater (retention, aeration) Yes [ ] No [X]
3. Other. If so, please describe. _____

F. Are there any known impacts on the receiving water as a result of this discharge?
Yes [ ] No [X] If yes, please explain:_____

G. Does the storm water contain any leachate? Yes [ ] No [X] If yes, the facility cannot be covered under this general permit. Please contact the Industrial Section of ADEM before proceeding.

H. Are any raw materials, finished products, waste products or chemicals exposed to storm water currently or in the last three years? Yes [ ] No [X]

If yes, please list: _____

I. Has the facility been closed for over three years? Yes [ ] No [X]

J. Was the closure approved by ADEM? Yes [ ] No [ ] If yes, include a copy of the ADEM approval letter.

K. An NPDES storm water permit is required until ADEM approves the closure.

L. Were there any past industrial activities on the site that would contribute to storm water contamination?

Yes [ ] No [X] If yes, please explain: _____

_____

DSN002 and DSN003 – STORM WATER FROM PETROLEUM BULK STORAGE AND FUELING AREAS

NOT APPLICABLE [ ]

A. List latitude and longitude (to seconds) of the point where each discharge exits your property and name of receiving stream:

0031 Latitude 33.689 N Longitude -86.251 W

Receiving Stream No Business Ck

0032 Latitude 33.683 N Longitude -86.25 W

Receiving Stream No Business Ck

0033 Latitude 33.6813 N Longitude -86.2509 W

Receiving Stream No Business Ck

Latitude _____ N Longitude _____ W

Receiving Stream _____

Latitude _____ N Longitude _____ W

Receiving Stream _____

Latitude _____ N Longitude _____ W

Receiving Stream _____

Latitude _____ N Longitude _____ W

Receiving Stream _____

Latitude _____ N Longitude _____ W

Receiving Stream _____

Latitude _____ N Longitude _____ W

Receiving Stream _____

Latitude _____ N Longitude _____ W

Receiving Stream _____

Latitude _____ N Longitude _____ W

Receiving Stream _____

Latitude _____ N Longitude _____ W

Receiving Stream _____

Latitude _____ N Longitude _____ W

Receiving Stream _____

	Number	Size
B. List number and size of above ground storage tanks.		
	1	2000
	1	88

List number and size of underground storage tanks.

C. Has storm water runoff from the facility been analyzed for presence of any known pollutants? Yes [ ] No [X]
If yes, attach the most recent copy of analysis.

D. Storm water runoff discharges to:
- [X] Surface water
- [X] Seeps into ground
- [ ] Municipal storm sewer

E. This permit requires the development and implementation of a Best Management Practices (BMP) plan. Does the facility have a BMP Plan? Yes [X] No [ ]

F. Does the facility have any of the following other control measures to prevent pollution?

1. Structural control measures (basins, etc.) Yes [X] No [ ]
2. Treatment of groundwater (retention, aeration) Yes [ ] No [X]
3. Other. If so, please describe. _____

G. Known impact on receiving water? Yes [ ] No [X] If yes, to what extent?

_____

H. Have any leaks, spills or other instances of storm water contamination occurred within the last 3 years? Yes [ ] No [X] If yes, what occurred and how did it happen?

_____

I. Are any above ground tanks that contain a possible pollutant double-walled? Yes [X] No [ ]

J. Are all above ground tanks that contain a possible pollutant double-walled? Yes [ ] No [X]

K. Are any above ground tanks that contain a possible pollutant diked? Yes [X] No [ ]

L. Are all above ground tanks that contain a possible pollutant diked? Yes [X] No [ ]

M. Can dikes contain 110% of the contents of the largest tank in the dike? Yes [X] No [ ]

N. Are the walls and floors of the dikes relatively impermeable to the stored substance? Yes [X] No [ ]

O. From which outfalls in A (this section) is uncontaminated storm water from secondary containment (for above ground storage tanks only) areas discharged? 0031, 0032, 0033

P. Is treated or untreated water from tank bottoms or water draws discharged on site? Yes [ ] No [X]
If yes, this particular discharge cannot be covered under this permit. Please contact the Industrial Branch of ADEM before proceeding.

Q. Were there any past industrial activities on te site that would contribute to storm water contamination? Yes [ ] No [X]. If yes, explain. _____

R. Does the facility handle leaded fuels? Yes [ ] No [X]

S. Does the facility handle aviation fuel, jet fuel, or diesel fuel? Yes [X] No [ ]

T. Is hydrostatic testing of petroleum handling equipment done on site? Yes [ ] No [X] If yes, this particular discharge cannot be covered under this permit. Please contact the Industrial Section of ADEM before proceeding.

U. Are any trucks or equipment fueled at this facility? Yes [X] No [ ] Is your fueling area protected from storm water including flowing water? Yes [ ] No [X] If yes, please explain:
_____

V. Is storm water/wash down water from the fueling/loading area treated (oil/water separator, etc.) prior to discharge?Yes [ ] No [X]

W. Does the facility comply with 40 CFR Part 112? Yes [X] No [ ]
Last update of SPCC Plan, if applicable

In accordance with 40 CFR Section 112.5 (b), applicable facilities must complete a review and evaluation of the SPCC Plan at least once every five years. If the provided date indicates the SPCC Plan is not valid, is the SPCC Plan currently being reviewed by a Professional Registered Engineer? Yes [X] No [ ]

If an SPCC Plan date was not entered, is it because the facility's petroleum storage capacity is below the volume that would require an SPCC Plan? Yes [ ] No [ ]

X. Is storm water from fueling areas allowed to mix with storm water from other industrial activities? Yes [X] No [ ]

Y. Does any discharge or runoff from the facility reach a public water supply stream segment as defined by ADEM Administrative Code R. 335-6-11-.02? [ ] Yes [X] No

DSN004 – DISCHARGES ASSOCIATED WITH VEHICLE AND EQUIPMENT EXTERIOR WASHING OPERATIONS

NOT APPLICABLE [X **]**

A. List latitude and longitude (to seconds) of the point where each discharge exits your property and name of receiving stream:

Latitude_______________________________N Longitude________________________________ W

Receiving Stream ____

Latitude_______________________________N Longitude________________________________ W

Receiving Stream ____

Latitude_______________________________N Longitude________________________________ W

Receiving Stream ____

Latitude_______________________________N Longitude________________________________ W

Receiving Stream ____

Latitude_______________________________N Longitude________________________________ W

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Latitude_______________________________N Longitude________________________________ W

Receiving Stream ____

Latitude_______________________________N Longitude________________________________ W

Receiving Stream ____

Latitude_______________________________N Longitude________________________________ W

Receiving Stream ____

Latitude_______________________________N Longitude________________________________ W

Receiving Stream ____

B. Is this process water commingled with storm water prior to discharge? Yes [ ] No [ ]

C. Has the process water been analyzed for presence of any known pollutants? Yes [ ] No [ ]
Attach the most recent copy of analysis.

D. Give detailed description of wash water use, additives, location, ultimate disposal, etc.

_____

_____

E. Do you wash interior of tank rail cars or tank trailers? Yes [ ] No [ ]
If yes, the facility cannot be covered under this General Permit. Please contact the Industrial Section of ADEM before proceeding.

F. How do you dispose of spent oil, hydraulic fluids and any other potential pollutants that you handle?

_____

_____

G. Does the facility handle diesel equipment or diesel fuel? Yes [ ] No [ ]

H. Does your facility use organic or petroleum based solvents in its washing operations? Yes [ ] No [ ]
If yes, Please contact the Industrial Section of ADEM before proceeding.

GENERAL INFORMATION

Have you included a check for the application fee? Yes [X] No [ ]

DO NOT SUBMIT APPLICATION AND PERMIT FEE SEPARATELY

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 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 or imprisonment for knowing violations.

SIGNATURES

Signature: eNOI Date Signed: 08/31/2020

Name and Official title (type or print): Charlie Gray, Regional Vice President- South

NOTE: This Notice of Intent must be signed by the official representative of the facility who is: the owner, the sole proprietor of a sole proprietorship, a general partner for a partnership, or by a ranking elected official or other duly authorized representative for a unit of government or an executive officer of **at least the level of vice president** for a corporation, having overall responsibility for the operation of the facility. If the Notice of Intent is not signed, or is found to be incomplete, it will be returned.

Address: 300 Colonial Center Parkway, Roswell, GA 30076

Phone Number: 678-341-7144

DISCHANGE MONITORING REPORTS (DMR) CONTACT – PLEASE COMPLETE

DMR Contact Name and Official title (type or print): Bonner Jones, General Manager

DMR Contact Address: 1319 No Business Creek Road, Macon, GA 31210

DMR Contact Phone Number: 205-352-2024

PLEASE COMPLETE IF NOI IS PREPARED BY A CONSULTANT OR SOMEONE OTHER THAN AN EMPLOYEE OF THE FACILITY

Name of Individual (type or print): Robert Heller, Environmental Scientist

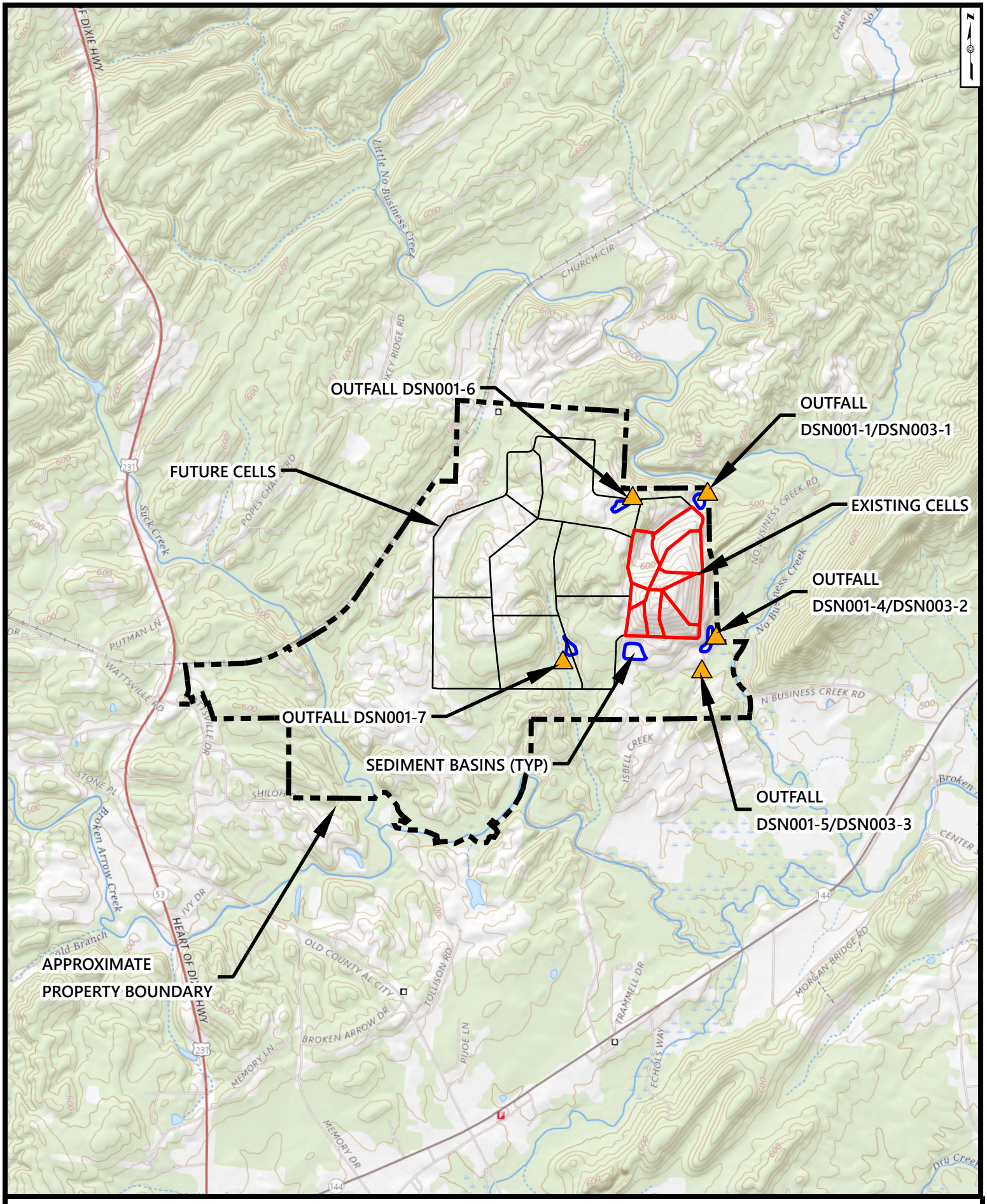
Name of Firm: HHNT

Address: 3920 Arkwright Road, Macon, GA 31210

Phone Number: 478-743-7175

Please attach or in the space below draw a map showing the location of the facility including major highways and/or landmarks.

B. LOCATION MAP



Location Map

2,000 1,000 0 2,000 Feet

Cedar Hill Landfill
St. Clair County, Alabama

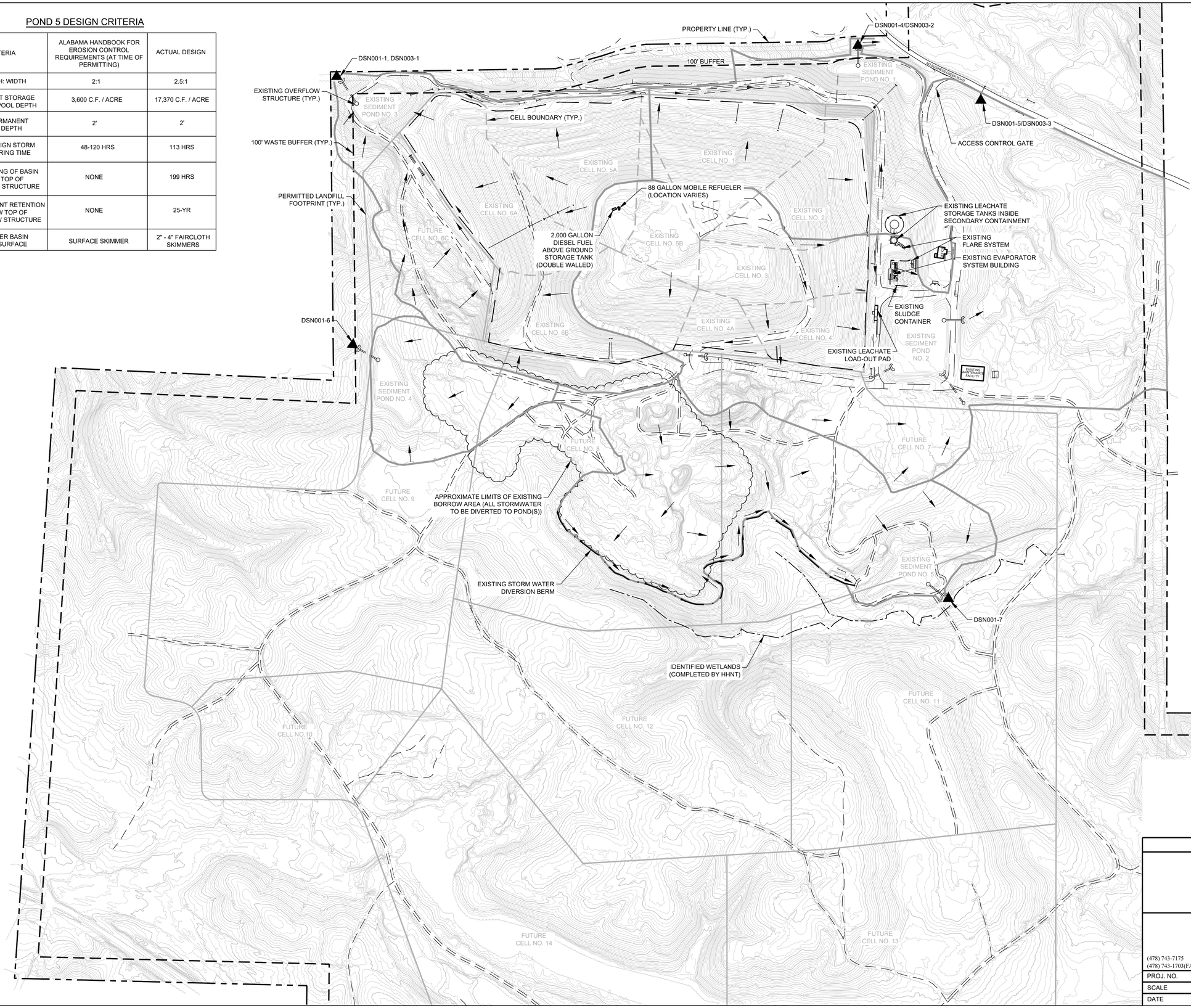
Date: 8/20/2020

HHNT
Hodges, Harbin, Newberry & Tribble, Inc.
Consulting Engineers

C. SITE MAP

POND 5 DESIGN CRITERIA

CRITERIA	ALABAMA HANDBOOK FOR EROSION CONTROL REQUIREMENTS (AT TIME OF PERMITTING)	ACTUAL DESIGN
LENGTH: WIDTH	2:1	2.5:1
SEDIMENT STORAGE @ PERM POOL DEPTH	3,600 C.F. / ACRE	17,370 C.F. / ACRE
MIN. PERMANENT POOL DEPTH	2'	2'
10-YR DESIGN STORM DEWATERING TIME	48-120 HRS	113 HRS
DEWATERING OF BASIN FROM TOP OF OVERFLOW STRUCTURE	NONE	199 HRS
STORM EVENT RETENTION BELOW TOP OF OVERFLOW STRUCTURE	NONE	25-YR
DEWATER BASIN FROM SURFACE	SURFACE SKIMMER	2" - 4" FAIRCLOTH SKIMMERS



LEGEND

- PROPERTY LINE
- PERMITTED LANDFILL FOOTPRINT
- EXISTING CELL BOUNDARY
- 100' WASTE BUFFER
- 2' EXISTING CONTOUR
- 10' EXISTING CONTOUR
- EXISTING UNPAVED ROAD
- STORM WATER FLOW
- STORM WATER DISCHARGE POINT
- DRAINAGE BOUNDARY
- EXISTING PIPE
- EXISTING DITCH
- EDGE OF LINER
- IDENTIFILED WETLAND / STREAM LIMITS

NOTES:

1) TOPOGRAPHIC INFORMATION PROVIDED IN A DRAWING BY WELLSTON ASSOCIATES LAND SURVEYORS, DATE OF PHOTOGRAPHY: FEBRUARY 2, 2020.

2) STREAMS AND WETLANDS AS SHOWN ARE BASED ON HHNT'S REVIEW OF AERIAL PHOTOGRAPHY, NRCS SOILS DATA, NATIONAL WETLAND INVENTORY DATA, AND EXISTING TOPOGRAPHY. THESE FEATURES HAVE NOT BEEN DELINEATED BUT WERE ASSESSED AND FIELD VERIFIED BY HHNT SCIENTISTS IN 2019. THE FEATURES DEPICTED ARE NOT CONSIDERED FORMALLY VERIFIED UNTIL DELINEATED AND APPROVED IN WRITING BY THE U.S. ARMY CORPS OF ENGINEER.

3) UPSTREAM AND DOWNSTREAM MONITORING LOCATIONS ARE NOT SHOWN ON THIS SHEET. UPSTREAM AND DOWNSTREAM MONITORING IS REQUIRED DURING TIMES OF CONSTRUCTION AS OUTLINED IN THE TEXT. THIS MONITORING SHOULD OCCUR UPSTREAM OF THE OUTFALL AND DOWNSTREAM OF THE OUTFALL IN THE ASSOCIATED DRAINAGE BOUNDARY IN WHICH CONSTRUCTION IS OCCURRING.

200 100 0 200 200

GRAPHIC SCALE IN FEET

NOT FOR CONSTRUCTION

SITE MAP

STORM WATER POLLUTION PREVENTION PLAN

CEDAR HILL LANDFILL

FOR

ADS CEDAR HILL LANDFILL, INC.

ST. CLAIR COUNTY, ALABAMA

HHNT

HODGES, HARBIN, NEWBERRY & TRIBBLE, INC.

Consulting Engineers

(478) 743-7175
(478) 743-1703(FAX)

3920 ARKWRIGHT RD.
SUITE 101
MACON, GEORGIA 31210

PROJ. NO.	1210-356-01	DWG.	CH-SWPPP-2020
SCALE	1" = 200'	SHEET	1 OF 1
DATE	JULY 2020		

D. TWICE WEEKLY FACILITY INSPECTION LOG

CEDAR HILL LANDFILL
BEST MANAGEMENT PRACTICES AND STORM WATER POLLUTION PREVENTION PLAN
TWICE WEEKLY FACILITY INSPECTION LOG

Inspected by: _____

Rainfall: _____ **Date/Time:** _____

This inspection of the following items shall evaluate: (1) conditions and activities that could impact storm water and (2) effectiveness of control measures.

	Facility Conditions Observed	Actions Taken Pursuant to Inspection
Storm Drainage Pipes		
Drainage Ditches		
Silt Fence		
Sediment Pond No. 1		
Sediment Pond No. 2		
Sediment Pond No. 3		
Sediment Pond No. 4		
Sediment Pond No. 5		
Pond Discharge Pipes		
Discharge Point DSN001-1 / DSN003-1		
Discharge Point DSN001-4 / DSN003-2		
Discharge Point DSN001-5 / DSN003-3		
Discharge Point DSN001-6		
Discharge Point DSN001-7		
Drop Inlet(s)		
Landfill Downdrain Pipes		
Landfill Diversion Berms		

	Facility Conditions Observed	Actions Taken Pursuant to Inspection
Hay Bale Checks		
Rock Check Dams		
Outlet Protection		
Inlet Protection		
Sediment Traps		
Stockpiles		
Construction Storage Areas		
2,000 Gallon Diesel Fuel Tank		
Secondary Containment System(s)		
MSW Working Face		
Scale/Scalehouse		
Entrance Road		
Facility Entrance		
All Weather Access Roads		
Leachate Tank and Secondary Containment System		
Leachate Load-Out Pad		
Leachate Evaporator System		
Mobile Refueler Parked Over Landfill Liner		
Litter Control		
Leachate Seeps Observed/Repaired		
(Other)		
(Other)		

	Facility Conditions Observed	Actions Taken Pursuant to Inspection
(Other)		
(Other)		
(Other)		
(Other)		
(Other)		
(Other)		
Additional Comments:		

Note: Take pictures of any corrective action taken and keep with the Inspection Log

E. EMPLOYEE TRAINING LOG

CEDAR HILL LANDFILL
BEST MANAGEMENT PRACTICES AND STORM WATER POLLUTION PREVENTION PLAN
EMPLOYEE TRAINING LOG SHEET

By my signature, I certify that I have received training regarding the Best Management Practices Plan.

DATE	EMPLOYEE NAME (PRINTED)	EMPLOYEE SIGNATURE	CONTENTS OF TRAINING	INITIAL TRAINING OR REFRESHER

COMMENTS:

F. ANNUAL COMPLIANCE CERTIFICATION

ANNUAL CERTIFICATION FORM FOR DISCHARGES ASSOCIATED WITH PETROLEUM STORAGE AND HANDLING AREAS*

ADEM Form 324

(ADEM – Industrial Section/Water Division)

_____(permitted facility name) is certifying that all storm water discharges from equipment maintenance and storage areas and from petroleum storage and handling areas are in accordance with the conditions of its permit for the year 20 __ __ .

This form must be signed by the official representative of the facility who is: the owner, the sole proprietor of a sole proprietorship, a general partner for a partnership, or by a ranking elected official or other duly authorized representative for a unit of government or an executive officer of **at least the level of vice president** for a corporation, having overall responsibility for the operation of the facility or a duly authorized representative of that person.

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 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 or imprisonment for knowing violations.

Permit Number: _____

Name and official title (type or print): _____

Address: _____

_____

Phone Number: (____) _____

Signature: _____

Please print name: _____

Date signed: _____

*This certification is to be submitted by January 28th, if all discharges associated with storm water from equipment maintenance and storage and petroleum storage and handling areas (from the previous year) were in accordance with the conditions of the permit.
If the permit conditions were not met, a non-compliance notification form should be submitted.

G. NON-COMPLIANCE NOTIFICATION FORM

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
WATER DIVISION – INDUSTRIAL AND MUNICIPAL SECTIONS
NONCOMPLIANCE NOTIFICATION FORM

PERMITTEE NAME: _____ PERMIT NO: _____

FACILITY LOCATION: _____

DMR REPORTING PERIOD: _____

1. DESCRIPTION OF DISCHARGE: (Include outfall number (s))

2. DESCRIPTION OF NON-COMPLIANCE: (Attach additional pages if necessary):

LIST EFFLUENT VIOLATIONS (If applicable)			
Outfall Number (s)	NONCOMPLIANCE PARAMETER(S)	Result Reported (Include units)	Permit Limit (Include units)

LIST MONITORING / REPORTING VIOLATIONS (If applicable)		
Outfall Number (s)	NONCOMPLIANCE PARAMETER(S)	Monitoring / Reporting Violation (Provide description)

3. CAUSE OF NON-COMPLIANCE (Attach additional pages if necessary):

4. PERIOD OF NONCOMPLIANCE: (Include exact date(s) and time(s) or, if not corrected, the anticipated time the noncompliance is expected to continue):

5. DESCRIPTION OF STEPS TAKEN AND/OR BEING TAKEN TO REDUCE OR ELIMINATE THE NONCOMPLYING DISCHARGE AND TO PREVENT ITS RECURRENCE (attach additional pages if necessary):

"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 AND TITLE OF RESPONSIBLE OFFICIAL (type or print)

_____/_____
SIGNATURE OF RESPONSIBLE OFFICIAL / DATE SIGNED

H. SECONDARY CONTAINMENT STORM WATER RELEASE LOG

CEDAR HILL LANDFILL
BEST MANAGEMENT PRACTICES AND STORM WATER POLLUTION PREVENTION PLAN
SECONDARY CONTAINMENT STORM WATER RELEASE LOG
(NOT CURRENTLY APPLICABLE)

This form is to be complete each time a secondary containment system for a petroleum storage tank is drained. Contaminated rainwater is not allowed to discharge.

Date	Oil Sheen Or Other Pollution Noted (Y/N)	Time of Dewatering (Start-Finish)	Estimated Volume of Discharge	Actions Taken if Pollution Noted	Initials

I. GENERAL PERMIT NO. ALG160084

ADEM

ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT

DISCHARGE AUTHORIZED:	STORM WATER RUNOFF, **NOT** CONTAINING LEACHATE, FROM ACTIVE AND INACTIVE LANDFILLS; FROM TRANSFER STATIONS INCLUDING STORM WATER RUNOFF FROM LAND DISTURBANCE ACTIVITIES ASSOCIATED WITH OPENING AND CLOSING CELLS AT LANDFILLS; EXTERIOR VEHICLE AND EQUIPMENT WASH WATER; AND STORM WATER FROM FUELING, PETROLEUM STORAGE, AND HANDLING, EQUIPMENT STORAGE, AND MAINTENANCE AREAS
AREA OF COVERAGE:	THE STATE OF ALABAMA
PERMIT NUMBER:	ALG160084
RECEIVING WATERS:	ALL WATERS OF THE STATE NOT DESIGNATED OUTSTANDING NATIONAL RESOURCE WATER OR OUTSTANDING ALABAMA WATER

In accordance with and subject to the provisions of 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 dischargers covered by this permit are hereby authorized to discharge into the above receiving waters.*

ISSUANCE DATE:	September 9, 2016
EFFECTIVE DATE:	February 1, 2017
EXPIRATION DATE:	January 31, 2022

Alabama Department of Environmental Management

LANDFILL GENERAL PERMIT

TABLE OF CONTENTS

PART I

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

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 following point source(s) outfall(s), described more fully in the permittee's application:

DSN001: All storm water discharges which do not contain leachate from active or inactive landfills, from transfer stations; including land disturbance activities associated with opening and closing cells at landfills.

Such discharge shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	UNITS	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS 1/ 2/ 3/	
		Daily Minimum	Daily Maximum	Measurement Frequency	Sample Type
Rainfall	inches	-	Monitor	1/6 months	4/
pH	s.u.	Monitor	Monitor	1/6 months	Grab
Biochemical Oxygen Demand, 5-day	mg/l	-	Monitor	1/6 months	Grab
Chemical Oxygen Demand	mg/l	-	Monitor	1/year	Grab
Cadmium, Total	mg/l	-	Monitor	1/6 months	Grab
Chromium, Total	mg/l	-	Monitor	1/6 months	Grab
Copper, Total	mg/l	-	Monitor	1/6 months	Grab
Oil and Grease	mg/l	-	15	1/6 months	Grab
Settleable Solids 5/7/	ml/l	-	Monitor	1/6 months7/	Grab
Total Dissolved Solids	mg/l	-	Monitor	1/6 months	Grab
Total Suspended Solids	mg/l	-	Monitor	1/6 months	Grab
Downstream Turbidity 5/ 6/7/	ntus	-	6/	1/6 months7/	Grab
Upstream Turbidity 5/ 6/7/	ntus	-	Monitor	1/6 months7/	Grab

THERE SHALL BE NO DISCHARGE OF A VISIBLE OIL SHEEN, 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.

2/ Semiannual monitoring shall be performed during the first complete January – June or July – December period following authorization under this permit and during each subsequent six (6) month period. The annual parameter may be taken during the first or second six months of the monitoring period, but must be taken if there is a full six month period or more remaining in the monitoring period. The annual parameter result is reported on the semiannual form that is applicable to the date the annual parameter sample was taken. For the six months period that the facility did not sample the annual parameter, the facility must code the annual parameter on the semiannual electronic report as *9 or on the semiannual hardcopy report as "NODI=9" (monitoring is conditional not required this period). Quarterly monitoring shall be performed during the first complete January – March, April-June, July-September, or October – December period following authorization under this permit and during each subsequent three (3) month period. Monitoring reports shall be submitted semiannually so that they arrive at the Department no later than the 28th day of the month following the six (6) month monitoring period (no later than January 28 and July 28).

3/ A storm event is defined as 0.1 inch or greater rainfall and at least 72 hours from the previously measureable (greater than 0.1 inch rainfall) storm event. Monitoring shall be performed during the first thirty minutes of discharge (or as soon thereafter as practicable).

4/ See Part IV.A. of the permit.

5/ To be monitored only when land disturbance activities (associated with opening and closing cells at landfills) are occurring. These land disturbance activities may include digging for cover material within the permitted landfill area, but not outside of that permitted area. If no such land disturbance activities are occurring, then the landfill must code the discharge monitoring report (DMR) for that period as "NODI=9" (monitoring is conditional not required this period).

6/ Downstream turbidity shall not exceed 50 NTUs above the upstream turbidity.

7/ If the permittee discharges to impaired waters as identified by an EPA-approved or EPA established TMDL and/or on the State of Alabama's 303(d) list, then settleable solids, downstream turbidity, and upstream turbidity must be monitored quarterly instead of semi-annually. ADEM reserves the right to require the permittee to obtain an individual permit for any of the reasons listed in Part II. F. 5. a. (1) through (9) of the permit.

LANDFILL GENERAL PERMIT LIMITS
GENERAL NPDES PERMIT ALG160000
PART I

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

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 following point source(s) outfall(s), described more fully in the permittee's application:

DSN002: Storm water runoff from petroleum storage and fueling areas. 7/

Such discharge shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	UNITS	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS 1/	
		Daily Minimum	Daily Maximum	Measurement Frequency	Sample Type
Rainfall	inches	-	Monitor	1/quarter	2/
pH	s.u.	Monitor	Monitor	1/quarter	Grab
Benzene 3/	µg/l	-	15.5	1/quarter	Grab
Ethylbenzene 4/	µg/l	-	1,244	1/quarter	Grab
Toluene 5/	µg/l	-	8,723	1/quarter	Grab
Xylene	µg/l	-	Monitor	1/quarter	Grab
Naphthalene 6/	µg/l	-	620	1/quarter	Grab
Oil and Grease	mg/l	-	15	1/quarter	Grab
MTBE (Methyl Tertiary Butyl Ether)	µg/l	-	Monitor	1/quarter	Grab

THERE SHALL BE NO DISCHARGE OF DEBRIS. 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.
2/ See Part IV.A.
3/ The limit for benzene shall be 1.12 µg/l if the discharge is to a body of water which is designated as a public water supply (PWS) or within a 24 hour travel time to a body of water designated as a PWS.
4/ The limit for ethylbenzene shall be 448 µg/l if the discharge is to a body of water which is designated as a PWS or within a 24 hour travel time to a body of water designated as a PWS.
5/ The limit for toluene shall be 1,206 µg/l if the discharge is to a body of water which is designated as a PWS or within a 24 hour travel time to a body of water designated as a PWS.
6/ To be monitored only at facilities which handle diesel fuel, aviation fuel, or jet fuel.
7/ If fueling operations are the only industrial activities occurring within the drainage area, then DSN003 applies for the discharge, unless the Department deems it necessary to require monitoring under DSN002 in addition to DSN003.

PART I

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

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 following point source(s) outfall(s), described more fully in the permittee's application:

DSN003: Uncontaminated storm water from equipment maintenance and storage, fueling, petroleum storage and handling areas.

Such discharges shall be limited and monitored by the permittee as specified below:

1. The facility will have a valid Spill Prevention, Control, and Countermeasures (SPCC) plan pursuant to 40 CFR Part 112.

2. Best Management Practices (BMP) will be used to prevent pollution of storm water by spillage or leakage during petroleum handling and fueling operations and from equipment maintenance and storage areas. The BMP shall include as a minimum:

    a. Twice per week inspections of the area and removal of any leaked petroleum product;
    b. Immediate cleanup of spilled or leaked petroleum product during handling operations, including fueling; and
    c. All cleanup activities shall be conducted using dry sweep or other approaches that do not result in the creation of polluted wastewater or storm water runoff.

3. Records shall be maintained in the form of a log and shall contain the following information, as a minimum:

    a. Date and time of twice per week inspections;
    b. Any cleanup accomplished as a result of the inspections;
    c. Time the cleanup was initiated and the time it was completed;
    d. Initials of person making visual inspection and performing any cleanup; and
    e. Description of any spillage occurring during petroleum handling, which shall include the date and time of the spill, estimated volume of spill, name of the person observing the spill, date and time the spill was cleaned up, and name of the person cleaning up the spill.

4. Best Management Practices (BMP) are used in draining the diked area. BMP is defined as use of a portable oil skimmer or similar device or the use of an absorbant material to remove oil and grease (as indicated by the presence of a sheen) immediately prior to draining.

5. Monitoring records for dike drainage shall be maintained in the form of a log and shall contain the following information, as a minimum:

    a. Date and time of discharge;
    b. Estimated volume of discharge;
    c. Initials of person making visual inspection and authorizing the discharge.

6. 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.

7. The permittee shall submit an **ANNUAL CERTIFICATION** by January 28th that all discharges, during the preceding year, associated with the above were in accordance with the conditions of the permit.

PART I

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

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 following point source(s) outfall(s), described more fully in the permittee's application.

DSN004: Exterior vehicle and equipment washing operations that DO NOT use solvents and have NOT come in direct contact with solid waste at the landfill facility. 3/

Such discharge shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	UNITS	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS 1/	
		Daily Minimum	Daily Maximum	Measurement Frequency	Sample Type
Flow	gal/day	-	Monitor	1/week	Instantaneous 2/
pH	s.u.	6.0	8.5	1/month	Grab
Oil and Grease	mg/l	-	15	1/month	Grab
Phosphorus, Total	mg/l	-	1.0	1/month	Grab
Total Suspended Solids	mg/l	-	50	1/month	Grab

THERE SHALL BE NO DISCHARGE OF DEBRIS. 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.
2/ If flows are intermittent the flow volume may be estimated.
3/ This permit does not allow for the discharge of landfill wastewater as defined by 40 CFR Part 445.2 (f).

PART I

A. DISCHARGE MONITORING REQUIREMENTS APPLICABLE TO ALL DISCHARGES

Monitoring of one storm water outfall within designed drainage area as representative of the remaining outfalls, may be allowed if the applicant submits certification that the discharges are essentially the same. If at a later date the discharges are determined to be dissimilar or if pollutant concentrations are such that water quality standards are contravened, then monitoring of all discharges may be required.

This permit does not allow for the discharge of landfill wastewater as defined by 40 CFR Part 445.2 (f).

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 the Minimum Level (ML) as established by EPA. All analytical values at or above the ML shall be reported as the measured value. Values below the ML shall be reported as "0". 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.

For pollutant 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.

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

a. 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.

b. 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. A complete copy of the permit, the Best Management Practices (BMP) Plan, most recent BMP inspection records, and, if applicable, a Spill Prevention Control and Countermeasures (SPCC) Plan shall be maintained at the facility. The past three years of DMRs, laboratory records, and historical BMP inspection and training records may be kept at an alternate Alabama location if approved by the Department.

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. At a minimum, flow measurement devices shall be calibrated at least once every 12 months.

C. DISCHARGE REPORTING REQUIREMENTS

1. Reporting of Monitoring Requirements

a. This permit requires twice monthly, monthly, quarterly, and semiannual self monitoring. The permittee shall conduct the required monitoring in accordance with the following schedule:

MONITORING REQUIRED MONTHLY AND MORE FREQUENTLY THAN MONTHLY shall be conducted during the first full month following the effective date of initial 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 full quarter following the effective date of initial coverage and each quarter thereafter.

SEMI-ANNUAL 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 semi-annual monitoring during the first complete six-month period following the effective date of initial coverage and each six-month period thereafter.

ANNUAL MONITORING shall be conducted at least once during the period of January through December. The Permittee shall conduct annual monitoring during the first complete calendar annual period following the effective date of coverage and is required to monitor once during each annual period thereafter.

b. The permittee shall submit discharge monitoring reports (DMRs) in accordance with the following schedule:

REPORTS OF MORE FREQUENTLY THAN MONTHLY, MONTHLY, QUARTERLY, AND SEMI-ANNUAL MONITORING shall be submitted on a semiannual basis. The semiannual reports shall be submitted so that they are received by the Department no later than the 28th day of July and the 28th day of January, unless otherwise directed by the Department. Each submittal shall report results of all testing performed during the six month period preceding the reporting month. For example, the semiannual report due on January 28 should report the results of testing conducted during the months of July through December.

REPORTS OF ANNUAL TESTING shall be submitted on an annual basis. The annual reports shall be submitted so that they are received by the Department no later than the 28th day of January, unless otherwise directed by the Department. Each submittal shall report results of all annual testing performed during the twelve month period preceding the reporting month. For

example, the annual report due on January 28 should report the results of testing conducted during the previous months of January through December.

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. by utilizing the Department's web-based Electronic Environmental (E2) Reporting System.

(1) If the permittee is unable to complete the electronic submittal of DMR data due to technical problems originating with the Department's E2 Reporting 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 E2 Reporting 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 five calendar days of the E2 Reporting System resuming operation, the permittee shall enter the data into the E2 Reporting System, unless an alternate timeframe is approved by the Department. An attachment should be included with the E2 DMR submittal verifying the original submittal date (date of the fax, copy of 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 and Regulations, 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
Permits and Services Division
Environmental Data Section
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
Permits and Services Division
Environmental Data Section
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

2. Noncompliance Notification

a. If for any reason, the permittee's discharge (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, upset, (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 electronically a report (or if acceptable to the Department a written report) as provided in Provision 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 a report as provided in Provision I. C. 2. c. below, such report shall be submitted with the next Discharge Monitoring Report required to be submitted by Provision I. C. 1. of this permit after becoming aware of the occurrence of such noncompliance.

c. Any electronic report (or if acceptable to the Department a written report) required to be submitted to the Director by Provision I. C. 2 a. or b. shall be submitted using a copy of the Department's Noncompliance Notification Form provided with this permit and shall 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. This information must be submitted electronically unless acceptable to the Department to submit otherwise.

2. Termination of Discharge

The permittee shall notify the Director, in writing, when any point source discharges authorized by this permit have permanently ceased. This notification shall serve as sufficient cause for instituting procedures for termination of the permittees authority to discharge under this General Permit.

3. Updating Information

a. The permittee shall inform the Director of any change in the permittee's mailing address or 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 Notice of Intent.

b. If the permittee becomes aware that it failed to submit any relevant facts in the Notice of Intent, or submitted incorrect information in the Notice of Intent; 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. This information must be submitted electronically unless acceptable to the Department to submit otherwise.

4. Duty to Provide Information

a. Any 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 suspending or revoking the permittee's authorization to discharge under this General Permit, in whole or in part, or to determine compliance with this permit or to determine if the permittee should be required to apply for an individual permit.

b. Any or all permittees 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 or terminating this permit.

5. New or Increased Discharges

If there is an increase in pollution potential of the discharges from the permittee's facility the permittee must notify the Director in writing. The Director may at his discretion determine under Part II.F. of this permit what action if any will be taken.

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 ACHIEVED
ON THE EFFECTIVE DATE OF COVERAGE UNDER THIS PERMIT

If required, 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. This information must be submitted electronically unless acceptable to the Department to submit otherwise.

PART II

A. REQUIREMENTS FOR COVERAGE UNDER THIS GENERAL PERMIT

1. Notice of Intent

Any person wishing to be permitted to discharge under this General Permit shall submit a Notice of Intent to be covered by this General Permit at least 30 days prior to the date of desired coverage. No discharge authorized under this General Permit may commence until the discharger receives the Director's acknowledgement of the Notice of Intent and approval of the coverage of the discharge by this General Permit. The Director's acknowledgement shall include a copy of this General Permit and the appropriate discharge monitoring report forms. **The permittee must complete and submit all Departmental forms available electronically, including the E-NOI, unless the permittee submits in writing valid justification as to why the electronic submittal process cannot be utilized and the Department approves in writing utilization of hard copy submittals.** Departmental forms are available on ADEM's webpage at http://www.adem.state.al.us/DeptForms/ .

Any person discharging to a municipal storm sewer, sanitary sewer or combination sewer must notify the municipality by letter of the discharge.

2. Content of Notice of Intent

a. A description of the process generating the discharge for which coverage is desired. This description shall be in sufficient detail to allow the Director to determine that the discharge is included in the category permitted by this General Permit;

b. The latitude and longitude of the discharge points for each discharge and the name of the waterbody receiving each discharge for which coverage under this General Permit is desired; and

c. A contact person, address and phone number for the facility or activity to be covered under this General Permit;

(1) A Notice of Intent shall be electronically signed (or if acceptable to the Department, traditionally signed) by a person meeting the requirements for signatories to permit application under ADEM Administrative Code Rule 335-6-6-.09 and the person signing the Notice of Intent shall make the certification required for submission of documents under ADEM Administrative Code Rule 335-6-6.09.

(2) Signatories to reports, discharge monitoring reports and any other submissions required by this General Permit shall be signed in accordance with the requirements of ADEM Administrative Code Rule 335-6-6.09.

B. 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 CFR Part 112 if required thereby.

c. The permittee shall prepare and implement a Best Management Practices (BMP) Plan according to Part IV 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.

C. 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 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 identification to:

a. Enter upon the permittee's premises where a regulated facility or activity 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 at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under the permit; and

d. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the AWPCA, any substances or parameters at any location.

D. 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 is necessary for essential maintenance of a treatment or control facility or system to assure efficient operation of such facility or system; or

(3) It is part of the storm water control system when the intention of the design, as approved by the Director, is to contain the first flush only.

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 judgement 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. This request must be submitted electronically unless acceptable to the Department to submit otherwise.

d. The permittee has the burden of establishing that each of the conditions of Provision II. D. 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 D. 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.

E. 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, termination, or suspension of authorization under this permit; denial of a permit renewal application; a requirement that permittee submit an application for an individual NPDES permit.

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 Notice of Intent to be covered under this General 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.

2. Removed Substances

Solids, sludges, filter backwash, or any other pollutant or other waste removed in the course of treatment or control of storm waters and/or process water 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 facility, 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.

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 Boulevard, Montgomery, AL 36110.

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.

F. PERMIT TRANSFER, MODIFICATION, SUSPENSION, REVOCATION, REISSUANCE, AND TERMINATION

1. Duty to Reapply or Notify of Intent to Cease Discharge

a. The permittee authorized to discharge under this General Permit, who wishes to continue to discharge upon the expiration of this permit, shall submit an E-NOI or Notice of Intent to be covered by the reissued General Permit. Such Notice of Intent shall be submitted at least 90 days prior to the expiration date of this General Permit.

b. Failure of the permittee to submit the appropriate application material for reauthorization under this permit at least 90 days prior to the permit's expiration will void the automatic continuation of the authorization to discharge under this permit as provided by ADEM Administrative Code Rule 335-6-6-.06. Should the permit not be reissued for any reason prior to its expiration date, permittees who failed to meet the 90-day submittal deadline will be illegally discharging without a permit after the expiration date of the permit.

2. Change in Discharge

a. The permittee shall give notice to the Director at least 180 days in advance of any facility expansion, production increase, process change, or other action that could result in:

(1) The discharge of additional pollutants;

(2) The increase in the quantity of any discharge such that existing permit limitations would be exceeded;

(3) 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 reviewed the information and taken appropriate action to authorize the discharge under this General Permit, or until such time as an appropriate action has been taken to authorize the discharge under an individual 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:

(a) One hundred micrograms per liter;

(b) Two hundred micrograms per liter for acrolein and acrylonitrile; five hundred micrograms per liter for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter for antimony;

(c) 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:

(a) Five hundred micrograms per liter;

(b) One milligram per liter for antimony;

(c) 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, Revocation and Reissuance (of Modified General or Individual), and Termination

a. During the term of this General Permit the Director may, for cause, and subject to the public notice procedure of ADEM Administrative Code, Rule 335-6-6-.21, modify or revoke and reissue this General Permit, or terminate it and require all those authorized under it to apply for individual NPDES permits. The causes for this action include but are not limited to the causes listed below:

(1) There are material and substantial alterations or additions to the facility or activity generating the discharges which occurred after permit issuance which justify the application of permit conditions that are different or absent in the existing permit;

(2) When the Director receives any 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;

(3) 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;

(4) Upon the 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;

(5) When the level of discharge of any pollutant which is not limited in the permit exceeds the level which can be achieved by the technology based treatment requirements appropriate to discharge under 40 CFR 125.3(c);

(6) To correct technical mistakes, such as errors in calculation, clerical errors or mistaken interpretations of law made in determining permit conditions;

(7) If the permit limitations are found not to be protective of water quality standards;

(8) To incorporate an applicable 307(a) FWPCA toxic effluent standard or prohibition;

(9) When required by the reopener conditions in this permit, and

(10) For any applicable cause set forth in ADEM Administrative Code Rule 335-6-6-.17.

b. Subject to the public notice procedures of ADEM Administrative Code Rule 335-6-6-.21, the Director may terminate this General Permit during its term for any of the causes for modification listed in Part II.F.4.a.

c. The Director may terminate authorization to discharge under this General Permit for cause. Cause shall include but not be limited to:

(1) Noncompliance with the permit;

(2) Noncompliance with Department Rules;

(3) A finding that this General Permit does not control the discharges sufficiently to protect water quality or comply with treatment based limits applicable to the discharge;

(4) 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;

(5) Materially false or inaccurate statements or information in the permit application or the permit;

(6) A change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge;

(7) The permittee's discharge threatens human life or welfare;

(8) Permanent closure of the facility generating the wastewater permitted to be discharged by this permit or permanent cessation of wastewater discharge; and

(9) 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.

d. If the permittee believes that any past or planned activity would be cause for modification or revocation and reissuance of this General Permit under ADEM Administrative Code Rule 335-6-6-.23 (7), or termination and issuance of an individual permit under ADEM Administrative Code Rule 335-6-6-.23 (9) the permittee must report such information to the Permit Issuing Authority. The submittal of a new application may be required of the permittee. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned change, anticipated noncompliance or application for an individual permit, does not stay any permit condition.

5. Issuance by the Director of an Individual NPDES Permit to a Person Eligible for Coverage or Covered by This General Permit.

a. The Director may require any person, otherwise eligible for coverage under this General Permit, to apply for an individual NPDES permit by notifying that person that an application is required. Notification shall consist of a written description of the reason(s) for the decision, appropriate permit application forms and directions, a statement informing the person that upon issuance of the individual permit coverage by this General permit shall automatically terminate. Reasons for this requirement may be:

(1) Noncompliance with the General Permit;

(2) Noncompliance with Department Rules;

(3) A change has occurred in the availability of demonstrated technology or practices for the control or abatement of pollutants applicable to the wastewater being discharged;

(4) Effluent guidelines are promulgated for a point source(s) covered by the General Permit;

(5) A water quality management plan applicable to the wastewater being discharged under this General Permit;

(6) Circumstances have changed since the time of the request to be covered so that the discharger is no longer appropriately controlled under this General Permit or either a temporary reduction or permanent reduction or elimination of the authorized discharge is necessary;

(7) Standards for sewage sludge use or disposal have been promulgated for the sludge use or disposal practice covered by this General Permit;

(8) The discharge(s) is a significant contributor of pollutants. In making this decision the Director may consider:

(i) the location of the discharges with respect to waters of the state,

(ii) the size of the discharger, and

(iii) the quantity and nature of the pollutants discharged to waters of the state.

(9) A determination that the water of the state receiving the discharge is not meeting applicable water quality standards.

6. Request for an Individual NPDES Permit by a Person Covered Under This General Permit.

a. Any person covered by this General Permit may apply for termination of coverage by applying for an individual NPDES permit.

b. A permit application submitted voluntarily or at the direction of the Director for the purpose of termination of coverage by this General Permit shall be processed in accordance with the rules found in ADEM Administrative Code 335-6-6 applicable to individual permits.

c. Any person may petition the Director for withdrawal of this General Permit authority from a discharger. The Director shall consider the information submitted by the petitioner and any other information he may be aware of and may obtain additional information from the discharger and through inspections by Department staff and shall decide if coverage should be withdrawn. The petitioner shall be informed of the Director's decision and shall be provided a summary of the information considered.

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

The filing of a request by the permittee for any permit action such as termination, or application for individual permit or any other action, does not stay any permit term or condition.

G. 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.

H. 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

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 and as described under Rule 335-6-6-.18.

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.

4. Relief From Liability

Except as provided in Provision II. D. 1. (Bypass) and Provision II. D. 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, 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. COMPLIANCE WITH WATER QUALITY STANDARDS

1. The permittee may be required by the Director to apply for an individual permit, if the Director determines that discharge under this General Permit causes a violation of a water quality standard or stream use classification.

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 the permittee to take abatement action or apply for an individual 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.

F. GROUNDWATER

Unless specifically authorized by a permit issued by the Department, the discharge of pollutants to groundwater is prohibited. 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.

G. DEFINITIONS

1. Authorization – means granted the privilege of discharging under the terms of this General Permit.

2. 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).

3. 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).

4. AWPCA - means the Alabama Water Pollution Control Act.

5. Bypass - means the intentional diversion of waste streams from any portion of a treatment facility.

6. 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.

7. Daily maximum - means the highest value of any individual sample result obtained during a day.

8. Daily minimum - means the lowest value of any individual sample result obtained during a day.

9. Day - means any consecutive 24-hour period.

10. Department - means the Alabama Department of Environmental Management.

11. Director - means the Director of the Department.

12. Discharge - means "[t]he addition, introduction, leaking, spilling or emitting of any sewage, industrial waste, pollutant or other waste into waters of the state". Code of Alabama 1975, Section 22-22-1(b)(8).

13. Discharge monitoring report (DMR) - means the form approved by the Director to accomplish reporting requirements of an NPDES permit.

14. EPA - means the United States Environmental Protection Agency.

15. FWPCA - means the Federal Water Pollution Control Act.

16. Landfill Wastewater as defined by 40 CFR Part 445.2 (f) means all wastewater associated with, or produced by, landfilling activities except for sanitary wastewater, non-contaminated storm water, contaminated ground water, and wastewater from recovery pumping wells. Landfill wastewater includes,

but is not limited to, leachate, gas collection condensate, drained free liquids, laboratory derived wastewater, contaminated storm water and contact washwater from washing truck, equipment, and railcar exteriors and surface areas which have come in direct contact with solid waste at the landfill facility.

17. Notice of Intent – means forms and additional information that are required by ADEM Administrative Code Rule 335-6-6-.23 and applicable permit fees.

18. Permit application - means forms and additional information that is required by ADEM Administrative Code Rule 335-6-6-.08 and applicable permit fees.

19. 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).

20. 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.

21. Qualified Credentialed Professional or QCP means a professional engineer (PE), or a Certified Professional in Erosion and Sediment Control (CPESC) as determined by CPESC, Inc. Other registered or certified professionals such as registered landscape architect, registered land surveyor, registered geologist, registered forester, Registered Environmental Manager as determined by the National Registry of Environmental Professionals (NREP), or Certified Professional and Soil Scientist (CPSS) as determined by ARCPACS, and other Department accepted professional designations, certifications, and/or accredited university programs that can document requirements regarding proven training, relevant experience, and continuing education, that can enable recognized individuals to prepare CBMPP's to makes sound professional judgments regarding Alabama NPDES rules, the requirements of this chapter, planning, design, implementation, maintenance, and inspection of construction sites, receiving waters, BMPs, remediation/cleanup of accumulated offsite pollutants from the regulated site, and reclamation or effective stormwater quality remediation of construction associated land disturbances, that meet or exceed recognized technical standards and guidelines, effective industry standard practices, and the requirements of this chapter. The QCP shall be in good standing with the authority granting the registration or designation. The design and implementation of certain structural BMPs may involve the practice of engineering and require the certification of a professional engineer pursuant to Alabama law.

22. 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.

23. Shock chlorination – means the periodic use of chlorine in cooling water systems as a biocide.

24. 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.

25. 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.

26. Week - means the period beginning at twelve midnight Saturday and ending at twelve midnight the following Saturday.

H. 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

A. STORM WATER MEASUREMENT AND SAMPLING

1. Storm Water Measurement

   a. All storm water samples shall be collected from the discharge resulting from a storm event that is greater than 0.1 inches.

   b. The storm water event must be monitored, including the date and rainfall (in inches) for the 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.4.b. of this permit.

   c. During the sampling storm event, rainfall must be reported and may be measured using a rain guage. This information must be recorded as part of the sampling procedure and records retained according to Part I.B.4.b. of this permit.

2. Storm Water 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.2. of this permit.

B. BEST MANAGEMENT PRACTICES (BMP) PLAN

1. Plan Content for Landfill Activities: The permittee shall prepare (or as required have a QCP prepare) and implement a best management practices (BMP) plan which shall:

   a. Provide control sufficient to prevent or control pollution of storm water by soil particles to the degree required to prevent violation of the turbidity water quality standard applicable to the waterbody receiving the discharge;

   b. Prevent the spillage or loss of fluids, oil, grease, gasoline, etc. from vehicle and equipment maintenance and repair activities and thereby prevent the contamination of storm water from these substances;

   c. Prevent or minimize the storm water contact with material stored on site;

   d. Designate by position or name the person or persons responsible for the day to day implementation of the BMP;

   e. Provide for at a minimum, two inspections a week, on days during which the facility is manned, of any structures that function to prevent storm water pollution or to remove pollutants from storm

water and of the facility in general to ensure that the BMP is continually implemented and effective;

f. If spillage is a factor during loading and unloading of bulk material, provide for prevention of the mixing of spillage with discharged storm water;

g. Include a diagram of the facility showing the direction of the storm water flow, the discharge point(s), and the locations of any structures or other mechanisms intended to prevent pollution of storm water or to remove pollutants from storm water, the locations of any collection and handling systems. The site map should also identify the location, size, and contents of any tanks.

h. Prevent the pollution of storm water by animal wastes;

i. Bear the signature of the landfill manager or corporate official;

j. The permittee must implement measures to ensure permanent revegetation or cover of all disturbed areas. The permittee shall perform regular clean-up and proper disposal of floating or submerged trash and garbage resulting from activities authorized by this permit;

k. The permittee shall implement, as necessary, a system for the collection, storage, treatment, and disposal of sewage and other putrescible wastes;

l. Appropriate measures must be taken to prevent the deposition of airborne pollutants such as spray paint, herbicides, excessive road dust, etc. from entering any waterbody.

2. Plan Content for Construction Activities

a. A Qualified Credentialed Professional must prepare the BMP Plan that addresses the land disturbance activities. Permittee shall implement a BMP Plan describing structural and non-structural practices which will be implemented and maintained to prevent/minimize the discharge of all sources of pollution (i.e., sediment, trash, garbage, debris, oil & grease, chemicals, materials, etc.) to State waters in storm water runoff. The Plan must be designed to address the following goals: (1) to divert upslope water around the site; (2) to limit the exposure of disturbed areas to precipitation to the shortest amount of time possible; (3) to minimize the amount of surface area that is disturbed; and (4) to remove sediment, nutrients, and other pollutants from the storm water before it leaves the site.

b. The BMP Plan means implementation and continued maintenance of effective structural and non-structural practices and management strategies to prevent and minimize the introduction of pollutants to stormwater and to treat stormwater to remove pollutants prior to discharge. The Alabama Handbook for Erosion Control, Sediment Control, and Stormwater Management on Construction Sites and Urban Areas, Alabama Soil and Water Conservation Committee (ASWCC) March 2009 edition and current industry standards shall be used as necessary to maintain compliance.

c. 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.

d. The permittee must implement measures to ensure permanent revegetation or cover of all disturbed areas. The permittee shall perform regular clean-up and proper disposal of floating or submerged trash and garbage resulting from activities authorized by this permit.

e. The permittee shall implement, as necessary, a system for the collection, storage, treatment, and disposal of sewage and other putrescible wastes.

f. All construction and worker debris (e.g., trash, garbage, etc.) must be immediately removed and disposed on in an approved manner. No rubbish, trash garbage, refuse, or other such materials shall be discharged into waters of the State of Alabama.

g. Appropriate measures must be taken to prevent the deposition of airborne pollutants such as spray paint, herbicides, excessive road dust, etc. from entering any waterbody.

h. All materials used as fill for construction purposes must be non-toxic, non-acid forming and free of solid waste or other debris unless approved by the Department.

i. Include a diagram of the facility showing the direction of the storm water flow, the discharge point(s), and the locations of any structures or other mechanisms intended to prevent pollution of storm water or to remove pollutants from storm water, the locations of any collection and handling systems. The site map should also identify the location, size, and contents of any tanks.

j. Bear the signature of the landfill manager or corporate official.

3. Compliance Schedule: The permittee shall have prepared and fully implemented the BMP upon the date coverage is granted.

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 landfill and shall be available for inspection by representatives of the Department.

b. A log of the twice per week inspections required above shall be maintained at the landfill and shall be available for inspection by representatives of the Department. The log shall contain records of all inspections performed and any corrective actions taken 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.

C. DISCHARGE(S) TO IMPAIRED WATERS REQUIREMENTS

1. Requirements Applicable to a Facility Eligible for Coverage, or Covered, under this Permit with Discharge(s) to 303(d) Listed Waters

This permit does not authorize new sources or new dischargers of pollutants of concern to impaired waters unless consistent with an EPA-approved or EPA-established Total Maximum Daily Load (TMDL) and applicable State law. Impaired waters are those that do not meet applicable water quality standards and are identified by an EPA-approved or EPA-established TMDL and/or on the State of Alabama's 303(d) list. Pollutants of concern are those pollutants for which the water body is listed as impaired and which contribute to the listed impairment.

a. The facility eligible for coverage, or covered, under this permit must determine whether its discharge(s) contributes directly or indirectly to a waterbody that is included on the latest 303(d) list or otherwise designated by the Department as impaired or is included in an EPA-approved or EPA-established TMDL. If the facility has discharges meeting this criterion, it must comply with Part IV.C., if its discharge does not meet this criterion, Part IV.C. does not apply to the facility.

b. Facilities that discharge into a receiving water which is listed on the State of Alabama's 303(d) list of impaired waters, and with discharges that contain the pollutant(s) for which the waterbody is impaired, must by April 30th of the following year or within 6 months of such approval of the 303(d) list or applicable TMDL or establishment of TMDL by EPA (whichever is longer), document in its BMP plan how the BMPs will control the discharge of the pollutant(s) of concern, and must ensure that there will be no increase of the pollutants of concern. A monitoring plan to assess the effectiveness of the BMPs in achieving the allocations must also be included in the BMP plan.

c. If the facility discharges to a waterbody described above, it must also determine whether a total maximum daily load (TMDL) has been developed and established or approved by EPA for the listed waterbody. If a TMDL is established or approved during this permit cycle by USEPA for any waterbody into which the facility discharges, the facility must review the applicable TMDL to see if it includes requirements for control of storm water discharges. By April 30th of the following year or within 6 months of such approval of the applicable TMDL or establishment of TMDL by EPA (whichever is longer), the facility must notify the Department on how it will modify its BMP plan to include best management practices specifically targeted to achieve the allocations prescribed by the TMDL. Revised BMP plans must be submitted to the Department for review. The facility must include a monitoring component in the BMP plan to assess the effectiveness of the BMPs in achieving the allocations. If the facility cannot ensure its discharges will not cause or contribute to impairment, then the facility must apply for and obtain permit coverage under an individual permit.

2. Requirements Applicable to a Facility Eligible for Coverage, or Covered, under this Permit with Discharges into Waters with EPA-Approved or EPA-Established TMDLs

a. The facility must determine whether the EPA-approved or EPA-Established TMDL is for a pollutant likely to be found in discharges from its facility.

b. The facility must determine whether the TMDL includes a pollutant allocation or other performance requirements specifically for discharges from its facility.

c. If, after the determinations above have been made and if it is determined that the facility must implement specific allocation provisions of the TMDL, then the facility must assess whether the allocations are being met through implementation of existing control measures or if additional control measures are necessary.

d. The facility must document all control measures currently being implemented or planned to be implemented, to include a schedule of implementation for all planned controls, and must document calculations or other evidence showing that the allocations will be met. Revised BMP plans must be submitted to the Department for review.

e. If a TMDL contains requirements for control of pollutants from the facility's discharges, then the BMP plan must include BMPs specifically targeted to achieve the allocations prescribed by the TMDL. A monitoring plan to assess the effectiveness of the BMPs in achieving the allocations must also be included in the BMP plan. Implementation of the monitoring plan in accordance with Part IV.C.2 will determine whether the controls are adequate to meet the TMDL allocations. If the facility cannot comply with the requirements of the TMDL, then the facility must apply for and obtain permit coverage under an individual permit.

f. If the evaluation shows that additional or modified controls are necessary, the facility must describe the type and schedule for the control additions/revisions in the BMP plan. The facility must also continue Paragraphs IV.C.2.d.-f. until two continuous monitoring cycles, as defined in

the monitoring plan in accordance with Part IV.C.2., show that the TMDL allocations are being met or that water quality (WQ) standards are being met.

3. Requirements for New or Revised BMP Plans

New or revised BMP plans developed in accordance with Parts IV.C.1 and IV.C.2 above must be submitted to the Department for review by April 30th of the year following EPA approval of the 303(d) list or applicable TMDL or within 6 months of such approval of the 303(d) list or applicable TMDL or establishment of TMDL by EPA (whichever is longer).

J. SPILL LOG & ADS RELEASE REPORT

CEDAR HILL LANDFILL
BEST MANAGEMENT PRACTICES AND STORM WATER POLLUTION PREVENTION PLAN
LIST OF SIGNIFICANT SPILLS AND LEAKS

Date of Spill/ Leak	Estimated Amount of Spill and Product Type	Description of Spill	Action Required to Remediate Spill	Initials

Date: _____

General Manager: _____

Spill / Release Report

Attorney-Client Privilege

Site: _____

A. Site Description

1.	Location / Facility Responsible for Release (City, State): _____
2.	Truck Number Responsible for Release (if applicable): _____
3.	Date & Time of Spill / Release: _____
4.	Duration of Spill / Release: _____
5.	Location of Spill / Release (City, State): _____
6.	Product / Waste Type: _____
7.	Estimated Amount: _____
	Release was into: ____ Air ____ Land ____ Water
	Name of Body of Water (if applicable): _____
8.	Extent of Injuries (if applicable):

B. Regulatory Contact

Regulatory Agency Notification Required: ____ Yes ____ No

Emergency Response Contact: _____

Date & Time of Contact: _____

Regulatory Contact: _____

Regulatory Agency Contacted: _____

Date & Time of Contact: _____

Person Who Made Contact:

Brief Description of Spill/Release Incident:

Other Contact	Title	Date & Time Contacted

Date: _____

General Manager: _____

Spill / Release Report

Attorney-Client Privilege

C. Clean-Up and Remediation

1.	Description of containment:	
2.	Description of clean-up work:	
3.	Time period of clean-up work:	
4.	Clean-up work performed by (name/company):	
5.	Estimated amount of recovered materials:	
6.	Was SPCC Plan Followed: _____ Yes _____ No	

D. Sampling

Samples Taken, Analytical Results: _____

Sampling Protocol: _____

Field Sampled By: _____

Sampling Methods: _____

Laboratory Used: _____

Testing Methods: _____

Describe where waste material was handled and disposed:

_____

Date: _____

General Manager: _____

Spill / Release Report

Attorney-Client Privilege

Required follow-up action (i.e., emergency response, regulators, Environmental Compliance Officer, etc.)

_____

_____

_____

File where documentation is kept:

ATTORNEY – CLIENT PRIVILEGED INFORMATION

Regional Vice President: (each incident report gets sent to your Region Vice President)

Midwest – Dan Dewaard	E-Mail: Dan.Dewaard@advanceddisposal.com	Phone: Cell:
East –	E-Mail:	Phone: Cell:
South – Charlie Gray	E-Mail: Charlie.Gray@advanceddisposal.com	Phone: (678) 341-7144 Cell: (770) 634-4911

Vice President of Landfill Operations: (send if this incident is associated with a landfill)

Jay Warzinski (All LF Incidents)	E-Mail: Jay.Warzinski@advanced.disposal.com	Phone: (904) 309-6696 Cell: (414) 350-6240

Environmental Compliance Manager: (each incident report gets sent to your compliance manager)

	Midwest – Kari Rabideau	E-Mail: Kari.Rabideau@advanceddisposal.com	Phone: (920) 853-8553 Cell: (920) 427-9363
	East – (TN, KY, IN, MI)	E-Mail:	Phone: Cell:
	East – (PA, VT)	E-Mail:	Phone: Cell:
	South – Michael Stowe	E-Mail: Michael.Stowe@advanceddisposal.com	Phone: (678) 341-7144 Cell: (904) 504-8559

Landfill Operations Manager: (each incident report gets sent to your regional operations manager)

	Midwest – Tim Curry (WI, MN, IL, MO)	E-Mail: Tim.Curry@advanceddisposal.com	Phone: (314) 821-4000 Cell: (618) 806-7392
	East – Dave Rettell (TN, KY, IN, MI)	E-Mail: Dave.Rettell@advanceddisposal.com	Phone: (248) 349-7230 Cell: (248) 755-9306
	East – John Schwalbe (PA, VT)	E-Mail: John.Schwalbe@advanceddisposal.com	Phone: Cell: (802) 236-3832
	South – Gerald Allen (AL, GA, FL, BA)	E-Mail: Gerald.Allen@advanceddisposal.com	Phone: (678) 341-7144 Cell: (678) 386-1715

ADS General Counsel: (each incident report gets sent the general counsel)

	Michael Slattery	E-Mail: michael.slattery@advanceddisposal.com	Phone: (904) 438-2120

Date: _____

General Manager: _____

Spill / Release Report

Attorney-Client Privilege

Risk Management: (each incident report gets sent these risk management officials)

Marti Dickman	E-Mail: Marti.Dickman@advanceddisposal.com	Phone: (904) 493-3056
Kirstyn Shepler	E-Mail: Kirstyn.Shepler@advanceddisposal.com	Phone: (904) 438-2119

Lead Consultant: (each incident report gets sent to your lead consultant)

Consultant	**Service Areas**
Hodges, Harbin, Newberry & Tribble, Inc.	Alabama, Florida, Georgia, Tennessee, Bahamas
ARM Group, Inc.	Pennsylvania, Vermont
Cornerstone Environment Group	Wisconsin, Minnesota
Weaver Consultants Group	Michigan, Indiana, Kentucky, Missouri, Illinois

Person Completing Form

_____

Signature:

_____

Name:

_____

Title:

_____

Date:

General Manager (if different)

_____

Signature:

_____

Name:

_____

Title:

_____

Date:

cc: Facility Environmental File
Regional Vice President
Regional Environmental Compliance Manager
General Counsel
Corporate Director of Landfill Operations
Regional Landfill Operations Manger
Regional Lead Consultant

Attach the Following:

- Any Correspondence Between Agency and ADS
- All Analytical Results

Copies To:

- Facility Operating File
- ADS Regional and Corporate Offices
- ADS Risk Management Department