

PRELIMINARY DETERMINATION

PERMIT MODIFICATION

Dirt, Inc.  
P.O. Box 143  
Wilmer, Alabama 36587

Dirt, Inc. Schillinger's Road Landfill (Pit #1)  
Permit 49-06

August 23, 2024

Dirt, Inc. has submitted to the Alabama Department of Environmental Management (ADEM) a request for permit modification to the Solid Waste Disposal Permit for the Dirt, Inc. Schillinger's Road Landfill (Pit #1) (Permit No. 49-06). The modification would add blast media/sediment from Austal USA, located in Mobile, AL, and cured resins and waste materials from Fiber Glass Systems, LP, located in Grand Bay, AL, to the approved waste stream.

The waste stream for the Dirt, Inc. Schillinger's Road Landfill (Pit #1) will be non-hazardous, non-putrescible, construction and demolition waste, friable asbestos, tires, yard debris (leaves, limbs, stumps); and nonhazardous industrial waste as approved by the Department. The facility may accept spent black beauty abrasive grit from Alabama Shipyard, LLC (Mobile, AL), off specification hydrophobic treated crushed limestone and off specification crushed limestone from Incoa Performance Minerals, LLC (Theodore, AL.), spent black beauty abrasive blast media from Mobile Area Water and Sewer System (Mobile, AL.), blast media/sediment from Austal USA (Mobile, AL.), and cured resins and fiberglass materials from Fiber Glass Systems, LP (Grand Bay, AL). Special waste approved by the Department may also be accepted. All other permit conditions remain unchanged.

The Land Division has determined that the modification of the permit complies with the requirements of ADEM Admin. Code 335-13 regulations for an industrial waste landfill.

Technical Contact:

Blake Holden  
Solid Waste Engineering Section  
Land Division  
(334) 274-4248



ALABAMA  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

# SOLID WASTE DISPOSAL FACILITY PERMIT

**PERMITTEE:** Dirt, Inc.

**FACILITY NAME:** Dirt, Inc. Schillinger’s Road Landfill (Pit #1)

**FACILITY LOCATION:** SE ¼ of Section 1 and the NE ¼ of Section 12, Township 5 South, Range 3 West, and is more precisely located at 8081 Cottage Hill Road in Mobile County, Alabama. The facility has a permitted area of approximately 250 acres with 207.16 acres approved for disposal.

**PERMIT NUMBER:** 49-06

**PERMIT TYPE:** Industrial Landfill

**WASTE APPROVED FOR DISPOSAL:** Non-hazardous, non-putrescible, construction and demolition waste, friable asbestos, tires, yard debris (leaves, limbs, stumps); and nonhazardous industrial waste as approved by the Department. The facility may accept spent black beauty abrasive grit from Alabama Shipyard, LLC (Mobile, AL), off specification hydrophobic treated crushed limestone and off specification crushed limestone from Incoa Performance Minerals, LLC (Theodore, AL), spent black beauty abrasive blast media from Mobile Area Water and Sewer System (Mobile, AL), blast media/sediment from Austal USA (Mobile, AL), and cured resins and fiberglass materials from Fiber Glass Systems, LP (Grand Bay, AL). Special waste approved by the Department may also be accepted.

**APPROVED WASTE VOLUME:** Maximum Average Daily Volume of waste is 1200 cubic yards per day

**APPROVED SERVICE AREA:** Mobile, Baldwin and Washington Counties in Alabama and Asbestos waste from the states of Alabama, Florida, Georgia, Mississippi, and Louisiana.

*In accordance with and subject to the provisions of the Alabama Solid Wastes & Recyclable Materials Management Act, as amended, Code of Alabama 1975, SS 22-27-1 to 22-27-27 ("SWRMMA"), the Alabama Environmental Management Act, as amended, Code of Alabama 1975, SS 22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to dispose of the above-described solid wastes at the above-described facility location.*

**ISSUANCE DATE:** April 17, 2020  
**EFFECTIVE DATE:** April 17, 2020  
**MODIFICATION DATE:** October 8, 2021, December 9, 2021, XXXXXXXXXXXX  
**EXPIRATION DATE:** April 16, 2030

**ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
SOLID WASTE PERMIT**

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Permittee:                   Dirt, Inc.  
                                  P.O. Box 143  
                                  Wilmer, Alabama 36587

Landfill Name:             Dirt, Inc. Schillinger's Road Landfill (Pit #1)

Landfill Location:         SE ¼ of Section 1 and the NE ¼ of Section 12, Township 5 South, Range 3 West, and is more precisely located at 8081 Cottage Hill Road in Mobile County, Alabama.

Permit Number:           49-06

Landfill Type:             Industrial

Pursuant to the Alabama Solid Wastes & Recyclable Materials Management Act, Code of Alabama 1975, §§ 22-27-1, *et seq.*, as amended, and attendant regulations promulgated thereunder by the Alabama Department of Environmental Management (ADEM), this permit is issued to Dirt, Inc. (hereinafter called the Permittee), to operate a solid waste disposal facility, known as the Dirt, Inc. Schillinger's Road Landfill (Pit #1).

The Permittee must comply with all terms and conditions of this permit. This permit consists of the conditions set forth herein (including those in any attachments), and the applicable regulations contained in ADEM Admin. Code 335-13-1 through 335-13-16 of the ADEM Administrative Code (hereinafter referred to as the "ADEM Admin. Code"). Rules cited are set forth in this document for the purpose of Permittee reference. Any Rule that is cited incorrectly in this document does not constitute grounds for noncompliance on the part of the Permittee. Applicable ADEM Administrative Codes are those that are in effect on the date of issuance of this permit or any revisions approved after permit issuance.

This permit is based on the information submitted to the Department on January 29, 2018, for permit renewal and modification, and on September 16, 2021, November 19, 2021 and July 31, 2024, for permit modification, and as amended (hereby incorporated by reference and hereinafter referred to as the Application). Any inaccuracies found in this information could lead to the termination or modification of this permit and potential enforcement action. The Permittee must inform the Department of any deviation from or changes in the information in the Application that would affect the Permittee's ability to comply with the applicable ADEM Admin. Code or permit conditions.

This permit became effective as of April 17, 2020, modified on October 8, 2021, December 9, 2021 and XXXXXXXXXXXX, and shall remain in effect until April 16, 2030, unless suspended or revoked.

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Alabama Department of Environmental Management

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Date Signed

## SECTION I. STANDARD CONDITIONS

### A. Effect of Permit

The Permittee is allowed to dispose of nonhazardous solid waste in accordance with the conditions of this permit and ADEM Admin. Code Div. 13. Issuance of this permit does not convey property rights of any sort or any exclusive privilege, nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of state or local laws or regulations. Except for actions brought under Code of Alabama 1975, Section 22-27-1, *et seq.*, as amended, compliance with the conditions of this permit shall be deemed to be compliance with applicable requirements in effect as of the date of issuance of this permit and any future revisions.

### B. Permit Actions

This permit may be suspended, revoked or modified for cause. The filing of a request for a permit modification or the notification of planned changes or anticipated noncompliance on the part of the Permittee, and the suspension or revocation does not stay the applicability or enforceability of any permit condition.

### C. 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.

### D. Definitions

For the purpose of this permit, terms used herein shall have the same meaning as those in ADEM Admin. Code 335-13, unless this permit specifically provides otherwise; where terms are not otherwise defined, the meaning associated with such terms shall be as defined by a standard dictionary reference or the generally accepted scientific or industrial meaning of the term.

1. "EPA" for purposes of this permit means the United States Environmental Protection Agency.
2. "Permit Application" for the purposes of this permit, means all permit application forms, design plans, operational plans, closure plans, technical data, reports, specifications, plats, geological and hydrological reports, and other materials which are submitted to the Department in pursuit of a solid waste disposal permit.

### E. Duties and Requirements

#### 1. Duty to Comply

The Permittee must comply with all conditions of this permit except to the extent and for the duration such noncompliance is authorized by a variance granted by the Department. Any permit noncompliance constitutes a violation of Code of Alabama 1975, §§ 22-27-1 *et seq.*, as amended, and is grounds for enforcement action, permit suspension, revocation, modification, and/or denial of a permit renewal application.

#### 2. Duty to Reapply

If the Permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the Permittee must apply for and obtain a new permit. The renewal application must be submitted to the Department at least 180 days before this permit expires.

3. Permit Expiration

This permit and all conditions therein will remain in effect beyond the permit's expiration date if the Permittee has submitted a timely, complete application as required by Section I.,E.,2., and, through no fault of the Permittee, the Department has not made a final decision regarding the renewal application.

4. Need to Halt or Reduce Activity Not A Defense

It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the conditions of this permit.

5. Duty to Mitigate

In the event of noncompliance with this permit, the Permittee shall take all reasonable steps to minimize releases to the environment, and shall carry out such measures as are reasonable to prevent significant adverse impacts on human health or the environment.

6. Proper Operation and Maintenance

The Permittee shall at all times properly operate and maintain all facilities and systems of control (and related appurtenances) that are installed or used by the Permittee to achieve compliance with the conditions of this permit.

7. Duty to Provide Information

If requested, the Permittee shall furnish to the Department, within a reasonable time, any information that the Department may reasonably need to determine whether cause exists for denying, suspending, revoking, or modifying this permit, or to determine compliance with this permit. If requested, the Permittee shall also furnish the Department with copies of records kept as a requirement of this permit.

8. Inspection and Entry

Upon presentation of credentials and other documents as may be required by law, the Permittee shall allow the employees of the Department or their authorized representative to:

- a. Enter at reasonable times the Permittee's premises where the regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit.
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit.
- c. Inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit.
- d. Sample or monitor, at reasonable times, any substances or parameters at any location for the purposes of assuring permit compliance or as otherwise authorized by Code of Alabama 1975, §§ 22-27-1 *et seq.*

9. Monitoring, Corrective Actions, and Records

- a. Samples and measurements taken for the purpose of monitoring or corrective action shall be representative of the monitored activity. The methods used to obtain representative samples to be analyzed must be the appropriate method from ADEM Admin. Code 335-13-4 or the methods as specified in the Application attached hereto and incorporated by reference. Laboratory methods must be those specified in Standard Methods for the Examination of Water and Wastewater (American Public Health Association, latest edition), Methods for Chemical

Analysis of Water and Wastes (EPA-600/4-79-020), Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (EPA Publication SW-846, latest edition), other appropriate EPA methods, or as specified in the Application. All field tests must be conducted using approved EPA test kits and procedures.

- b. The Permittee shall retain records, at the location specified in Section I.,I., of all monitoring, or corrective action information, including all calibration and maintenance records, copies of all reports and records required by this permit, and records of all data used to complete the application for this permit for a period of at least three years from the date of the sample, measurement, report or record or for periods elsewhere specified in this permit. These periods may be extended by the request of the Department at any time and are automatically extended during the course of any unresolved enforcement action regarding this facility.
- c. Records of monitoring and corrective action information shall include.
  - i. The exact place, date, and time of sampling or measurement.
  - ii. The individual(s) and company who performed the sampling or measurements.
  - iii. The date(s) analyses were performed.
  - iv. The individual(s) and company who performed the analyses.
  - v. The analytical techniques or methods used.
  - vi. The results of such analyses.
- d. The Permittee shall submit all monitoring and corrective action results at the interval specified elsewhere in this permit.

10. Reporting Planned Changes

The Permittee shall notify the Department, in the form of a request for permit modification, at least 120 days prior to any change in the permitted service area, increase in the waste received, or change in the design or operating procedure as described in this permit, including any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

11. Transfer of Permit

This permit may be transferred to a new owner or operator. All requests for transfer of permits shall be in writing and shall be submitted on forms provided by the Department. Before transferring ownership or operation of the facility during its operating life, the Permittee shall notify the new owner or operator in writing of the requirements of this permit.

12. Certification of Construction

Before the Permittee may commence disposal of waste in any new cell or phase:

- a. The Permittee must submit a letter to the Department signed by both the Permittee and a professional engineer stating that the facility has been constructed in compliance with the permit.
- b. The Department must inspect the new cells or phases unless the Permittee is notified that the Department will waive the inspection.
- c. The Permittee may not commence disposal activities in any new cells or phases until approval of the new cells or phases is granted by the Department.

13. Noncompliance

The Permittee shall report all instances of noncompliance with the permit at the time noncompliance is discovered.

14. Other Information

If the Permittee becomes aware that information required by the Application was not submitted or was incorrect in the Application or in any report to the Department, the Permittee shall promptly submit such facts or information. In addition, upon request, the Permittee shall furnish to the Department, within a reasonable time, information related to compliance with the permit.

F. Design and Operation of Facility

The Permittee shall maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or nonsudden release of contaminants (including leachate and explosive gases) to air, soil, groundwater, or surface water, which could threaten human health or the environment.

G. Inspection Requirements

1. The Permittee shall comply with all requirements set forth under ADEM Admin. Code r. 335-13-4-.21(1)(b).
2. The Permittee shall conduct random inspections of incoming loads.
3. Records of all inspections shall be included in the operating record.

H. Recordkeeping and Reporting

1. The Permittee shall maintain a written operating record at the location specified in Section I.,1. The operating record shall include:
  - a. Documentation of inspection and maintenance activities.
  - b. Daily Volume reports.
  - c. Personnel training documents and records.
  - d. Solid/Hazardous Waste Determination Forms for Industrial Wastes, and associated ADEM disposal approval correspondence for industrial waste and special waste.
  - e. Groundwater monitoring records.
  - f. Explosive gas monitoring records.
  - g. Surface water and leachate monitoring records.
  - h. Copies of this Permit and the Application.
  - i. Copies of all variances granted by the Department, including copies of all approvals of special operating conditions.
2. Quarterly Volume Report

Beginning with the effective date of this permit, the Permittee shall submit, within thirty (30) days after the end of each calendar quarter, a report summarizing the daily waste receipts for the previous

(just ended) quarter. Copies of the quarterly reports shall be maintained in the operating record.

3. Monitoring and Corrective Action Reports

The Permittee shall submit reports on all monitoring and corrective action activities conducted pursuant to the requirements of this permit, including, but not limited to, groundwater, surface water, explosive gas and leachate monitoring. The groundwater monitoring shall be conducted in March and September of each year, or as directed by the Department, and the reports shall be submitted at least semi-annually, or as directed by the Department. The reports should contain all monitoring results and conclusions from samples and measurements conducted during the sampling period. Explosive gas monitoring must be submitted once each year, and the reports should be submitted to the Department and placed in the operating record within 30 days of the monitoring event. Copies of the groundwater and explosive gas monitoring reports shall be maintained in the operating record.

4. Availability, Retention, and Disposition of Records

- a. All records, including plans, required under this permit or ADEM Admin. Code 335-13 must be furnished upon request, and made available at reasonable times for inspection by any officer, employee, or representative of the Department.
- b. All records, including plans, required under this permit or ADEM Admin. Code 335-13 shall be retained by the Permittee for a period of at least three years. The retention period for all records is extended automatically during the course of any unresolved enforcement action regarding the facility, or as requested by the Department.
- c. A copy of records of waste disposal locations and quantities must be submitted to the Department and local land authority upon closure of the facility.

I. Documents to be maintained by the Permittee

The Permittee shall maintain, at the Dirt, Inc, Landfill office the following documents and amendments, revisions and modifications to these documents until an engineer certifies closure of the permitted landfill.

1. Operating record.
2. Closure Plan.

J. Mailing Location

All reports, notifications, or other submissions which are required by this permit should be sent via signed mail (i.e. certified mail, express mail delivery service, etc.) or hand delivered to:

Mailing Address

Chief, Solid Waste Branch, Land Division  
Alabama Department of Environmental Management  
P.O. Box 301463  
Montgomery, AL 36130-1463

Physical Address

Chief, Solid Waste Branch, Land Division  
Alabama Department of Environmental Management  
1400 Coliseum Blvd.  
Montgomery, Alabama 36110-2400



K. Signatory Requirement

All applications, reports or information required by this permit, or otherwise submitted to the Department, shall be signed and certified by the owner as follows:

1. If an individual, by the applicant.
2. If a city, county, or other municipality or governmental entity, by the ranking elected official, or by a duly authorized representative of that person.
3. If a corporation, organization, or other legal entity, by a principal executive officer, of at least the level of Vice President, or by a duly authorized representative of that person.

L. Confidential Information

The Permittee may claim information submitted as confidential if the information is protected under Code of Alabama 1975 §§ 22-39-18, as amended.

M. State Laws and Regulations

Nothing in this permit shall be construed to preclude the initiation of any legal action or to relieve the Permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation.

SECTION II. GENERAL OPERATING CONDITIONS

A. Operation of Facility

The Permittee shall operate and maintain the disposal facility consistent with the Application, this permit, and ADEM Admin. Code 335-13.

B. Open Burning

The Permittee shall not allow open burning without prior written approval from the Department and other appropriate agencies. A burn request should be submitted in writing to the Department outlining why that burn request should be granted. This request should include, but not be limited to, specifically what areas will be utilized, types of waste to be burned, the projected starting and completion dates for the project, and the projected days and hours of operation. The approval, if granted, shall be included in the operating record.

C. Prevention of Unauthorized Disposal

The Permittee shall follow the approved procedures, as provided in the Application, for the detecting and preventing the disposal of free liquids, regulated hazardous waste, regulated PCB waste, regulated medical waste, and other unauthorized waste streams at the facility.

D. Unauthorized Discharge

The Permittee shall operate the disposal facility in such a manner that there will be no water pollution or unauthorized discharge. Any discharge from the disposal facility or practice thereof may require a National Pollutant Discharge Elimination System permit under the Alabama Water Pollution Control Act.

E. Industrial Waste Disposal

The Permittee shall dispose of industrial waste as required by ADEM Admin. Code r. 335-13-4-.21(1)(c), and as specified in the Application.

F. Boundary Markers

The Permittee shall ensure that the facility is identified with a sufficient number of permanent boundary markers that are at least visible from one marker to the next.

G. Certified Operator

The Permittee shall be required to have an operator certified by the Department on-site during hours of operation, in accordance with the requirements of ADEM Admin. Code 335-13-12.

SECTION III. SPECIFIC REQUIREMENTS FOR INDUSTRIAL WASTE LANDFILLS

A. Waste Identification and Management

1. Subject to the terms of this permit, the Permittee may dispose of the nonhazardous solid wastes listed in III.B. Disposal of any other wastes is prohibited, except waste granted a temporary or one time waiver by the Director.
2. The total permitted area for the Dirt Inc. Schillinger's Road Landfill (Pit #1) is approximately 250 acres with 207.16 acres permitted for disposal operations.
3. The maximum average daily volume of waste disposed at the facility shall not exceed 1200 cubic yards per day, except as provided under ADEM Admin. Code r. 335-13-5-.06(2)(b)2. The average daily volume shall be computed as specified by ADEM Admin. Code r. 335-13-4-.23(2)(f).

B. Waste Streams

The Permittee may accept for disposal non-hazardous, non-putrescible, construction and demolition waste, friable asbestos, tires, yard debris (leaves, limbs, stumps); and nonhazardous industrial waste as approved by the Department. The facility may accept spent black beauty abrasive grit from Alabama Shipyard, LLC (Mobile, AL), off specification hydrophobic treated crushed limestone and off specification crushed limestone from Incoa Performance Minerals, LLC (Theodore, AL), spent black beauty abrasive blast media from Mobile Area Water and Sewer System (Mobile, AL), blast media/sediment from Austal USA (Mobile, AL), and cured resins and fiberglass materials from Fiber Glass Systems, LP (Grand Bay, AL). Special waste approved by the Department may also be accepted.

The Permittee, prior to disposal of industrial waste, shall obtain from each generator a written certification that the material to be disposed does not contain free liquids, regulated hazardous wastes, regulated medical waste, or regulated PCB wastes. The industrial waste generator must provide a completed Solid/Hazardous Waste Determination Forms for Industrial Wastes and associated Department correspondence to the Permittee for the landfill to accept industrial wastes for disposal.

C. Service Area:

The Permittee is allowed to receive for disposal construction/demolition and industrial waste, from Mobile, Baldwin, and Washington counties in Alabama. The Permittee is allowed to accept asbestos from the states of Alabama, Florida, Georgia, Mississippi, and Louisiana.

D. Waste Placement, Compaction, and Cover

All waste shall be confined to an area as small as possible within a single working face and placed onto an appropriate slope not to exceed 4 to 1 (25%). The Permittee is allowed to operate an additional working face for disposal of shingles. (See Section VIII.2.) All waste shall be spread in layers two feet or less in thickness and thoroughly compacted weekly with adequate landfill equipment prior to placing additional layers of waste or placing the weekly cover. A minimum of six inches of compacted earth or other alternative cover

material approved by the Department and listed in Section VIII shall be added to both working faces at the conclusion of each week's operation. These are minimum requirements for waste placement, compaction and cover unless a variance is granted in Section VIII.

E. Liner Requirements

The Permittee is not required to install a base liner at this time. If it becomes necessary based on data obtained from land filling operations, groundwater monitoring etc., the Department may require Dirt Inc. to install a liner system appropriate for the type of waste being disposed of. The bottom elevation of the constructed liner system shall be a minimum of five (5) feet above the highest measured groundwater level as determined by ADEM Admin. Code r. 335-13-4-.11(2)(a).

F. Security

The Permittee shall provide artificial and/or natural barriers, which prevent entry of unauthorized vehicular traffic to the facility.

G. All Weather Access Roads

The Permittee shall provide an all-weather access road to the dumping face that is wide enough to allow passage of collection vehicles.

H. Adverse Weather Disposal

The Permittee shall provide for disposal activities in adverse weather conditions.

I. Personnel

The Permittee shall maintain adequate personnel to ensure continued and smooth operation of the facility.

J. Environmental Monitoring and Treatment Structures

The Permittee shall provide protection and proper maintenance of environmental monitoring and treatment structures.

K. Vector Control

The Permittee shall provide for vector control as required by ADEM Admin. Code 335-13.

L. Bulk or Noncontainerized Liquid Waste

The Permittee shall not dispose of bulk or noncontainerized liquid waste, or containers capable of holding liquids, unless the conditions of ADEM Admin. Code r. 335-13-4-.23(1)(j) are met.

M. Empty Containers

Empty containers larger than 10 gallons in size must be rendered unsuitable for holding liquids prior to disposal in the landfill unless otherwise approved by the Department.

N. Other Requirements

The Department may enhance or reduce any requirements for operating and maintaining the landfill as deemed necessary by the Land Division.

O. Other Permits

The Permittee shall operate the landfill according to this and any other applicable permits.

P. Scavenging and Salvaging Operations

The Permittee shall prevent scavenging and salvaging operations, except as part of a controlled recycling effort. Any recycling operation must be in accordance with plans submitted and approved by the Department.

Q. Signs

If the landfill is available to the public or commercial haulers, the Permittee shall provide a sign outlining instructions for use of the site. The sign shall be posted and have the information required by ADEM Admin. Code r. 335-13-4-.23(1)(f).

R. Litter Control

The Permittee shall control litter.

S. Fire Control

The Permittee shall provide fire control measures.

SECTION IV. GROUNDWATER MONITORING REQUIREMENTS

A. The Permittee shall install and/or maintain a groundwater monitoring system, as specified below.

1. The permittee shall maintain the groundwater monitoring wells and piezometers identified in Table IV.1. at the locations specified in the Application, and any other groundwater monitoring wells which are added (Section IV.,A.,3.) during the active life and the post closure care period.
2. The Permittee shall maintain groundwater monitoring well MW-1R as the background groundwater monitoring wells for the entire facility.
3. The Permittee shall install and maintain additional groundwater monitoring wells as necessary to assess changes in the rate and extent of any plume of contamination or as otherwise deemed necessary to maintain compliance with the ADEM Admin. Code 335-13.
4. Prior to installing any additional groundwater monitoring wells, the Permittee shall submit a plan to the Department with a permit modification request specifying the design, location and installation of any additional monitoring wells. This plan shall be submitted within 120 days prior to the installation which, at a minimum, shall include.
  - a. Well construction techniques including proposed casing depths, proposed total depth, and proposed screened interval of well(s);
  - b. Well development method(s);
  - c. A complete analysis of well construction materials;
  - d. A schedule of implementation for construction; and
  - e. Provisions for determining the lithologic characteristics, hydraulic conductivity and grain-size distribution for the applicable aquifer unit(s) at the location of the new well(s).

B. Groundwater Monitoring Requirements

1. The Permittee shall determine the groundwater surface elevation at each monitoring well and piezometer identified in Table IV.1. each time the well or piezometer is sampled and at least semi-annually throughout the active life and post-closure care period.
2. The Permittee shall determine the groundwater flow rate and direction in the first zone of saturation at least annually or each time groundwater is sampled and submit as required by ADEM Admin. Code 335-13.
3. Prior to the initial receipt of waste at the facility, the Permittee shall sample, and analyze for the parameters listed in Appendix I of ADEM Admin. Code r. 335-13-4-.27, and/or any other parameters specified by the Department in Table IV. 2., all monitoring wells identified in Section IV.,A.,2. to establish background water quality and/or as directed by ADEM Admin. Code r. 335-13-4-.27(2)(j) and ADEM Admin. Code r. 335-13-4-.27(2)(a)(1).
4. The Permittee shall sample and analyze all monitoring wells identified in Table IV.1 for the parameters listed in Appendix I of ADEM Admin. Code r. 335-13-4-.27(3) or the parameters specified by the Department in Table IV.3, on a semi-annual basis throughout the active life of the facility and the post-closure care period in accordance with ADEM Admin. Code r. 335-13-4-.27(3). Sampling shall be conducted during March and September of each year, beginning with the effective date of this permit. The records and results of this sampling and analysis activity shall be submitted to the Department, within ninety (90) days of the date of sampling. Groundwater Monitoring shall be conducted according to the groundwater monitoring plan submitted January 14, 2020.
5. In addition to the requirements of Section IV., B.,1., B.,2., B.,3. and B.,4., the Permittee shall record water levels, mean sea level elevation measuring point, depth to water, and the results of field tests for pH and specific conductance at the time of sampling for each well.

C. Sampling and Analysis Procedures

The Permittee shall use the following techniques and procedures when obtaining and analyzing samples from the groundwater monitoring wells described in Section IV.,A. to provide a reliable indication of the quality of the groundwater.

1. Samples shall be collected, preserved, and shipped (when shipped off-site for analysis) in accordance with the procedures specified in the Application.
2. Samples shall be analyzed according to the procedures specified of the Application, Standard Methods for the Examination of Water and Wastewater (American Public Health Association, latest edition), Methods for Chemical Analysis of Water and Wastes (EPA-600/4-79-020), Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (EPA Publication SW-846, latest edition), or other appropriate methods approved by this Department. All field tests must be conducted using approved EPA test kits and procedures.
3. Samples shall be tracked and controlled using the chain-of-custody and QA\QC procedures specified of the Application.
4. The Permittee is approved to use an interwell approach for statistical analysis.

D. Recordkeeping and Reporting Requirements

1. Recording of Results

For each sample and/or measurement taken pursuant to the requirements of this permit, the Permittee shall record the information required by Section I.,E.,9.,c.

2. Recordkeeping

Records and results of all groundwater monitoring, sampling, and analysis activities conducted pursuant to the requirements of this permit shall be included in the operating record required by Section I.,I.,1.

E. Permit Modification

If at any time the Permittee or the Department determines that the groundwater monitoring system no longer satisfies the requirements of ADEM Admin. Code r. 335-13-4-.14 or Section IV., A. of this permit, the Permittee must, within 120 days, submit an Application for a permit modification to make any necessary and/or appropriate changes to the system.

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TABLE IV.1.  
GROUNDWATER MONITORING WELLS

Monitoring Well Number	Top of Casing (feet msl)	Depth of well (feet)
UPGRADIENT/BACKGROUND MONITORING WELL		
MW-1R	179.90	76.04
DOWNGRADIENT MONITORING WELLS		
MW-2R	165.62	59.40
MW-3	143.87	50.50
MW-4	117.95	37.92
MW-5	173.92	65.45
MW-6	122.53	59.40
MW-7	127.85	32.05
MW-8	172.07	46.35
MW-9	173.96	58.40

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TABLE IV.2.  
BACKGROUND GROUNDWATER MONITORING

NOTE: The parameters in this Table are those listed in Appendix I of ADEM Admin. Code 335-13-4.

NOTE: The Permittee shall conduct a minimum of four independent sampling events as the initial sampling event, and analyze for the parameters listed above, in order to establish background water quality. Following the four independent events, the Permittee can submit a request, with justification, for the deletion of or change in these parameters.

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TABLE IV.3.  
SEMI-ANNUAL GROUNDWATER MONITORING PARAMETERS

NOTE: The parameters to be monitored for in this Table are those listed in Appendix I of ADEM Admin. Code 335-13-4, and/or any other waste stream specific parameters.

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## SECTION V. GAS MONITORING REQUIREMENTS

The Permittee must install and maintain an explosive gas monitoring system in accordance with ADEM Admin. Code 335-13.

## SECTION VI. LEACHATE AND SURFACE WATER MANAGEMENT REQUIREMENTS

The Permittee shall, upon recognition of leachate, notify the Department within 14 days. At this time the permittee shall inform the Department of measures which will be taken to address the leachate problems.

The Permittee shall construct and maintain run-on and run-off control structures. Any discharges from drainage control structures shall be permitted through a discharge permit issued by the ADEM Water Division.

## SECTION VII. CLOSURE AND POST-CLOSURE REQUIREMENTS

The Permittee shall close the landfill and perform post-closure care of the landfill in accordance with ADEM Admin. Code 335-13.

### A. Final Cover

The Permittee shall grade final soil cover such that surface water does not pond over the permitted area as specified in the Application. The final cover system shall comply with ADEM Admin. Code 335-13.

### B. Vegetative Cover

The Permittee shall establish a vegetative or other appropriate cover within 90 days after completion of final grading requirements in the Application. Preparation of a vegetative cover shall include, but not be limited to, the placement of seed, fertilizer, mulch, and water.

### C. Notice of Intent

The Permittee shall place in the operating record and notify the Department of their intent to close the landfill prior to beginning closure.

### D. Completion of Closure Activities

The Permittee must complete closure activities of each landfill unit in accordance with the Closure Plan within 180 days of the last known receipt of waste.

### E. Certification of Closure

Following closure of each unit, the Permittee must submit to the Department a certification, signed by a registered professional engineer, verifying the closure has been completed according to the Closure Plan.

### F. Post-Closure Care Period

Post-closure care activities shall be conducted after closure of each unit throughout the life of this permit and continuing for a period of a minimum of thirty (30) years following closure of the facility. The Department may shorten or extend the post-closure care period applicable to the solid waste disposal facility.

### G. Post-Closure Maintenance

The Permittee shall provide post closure maintenance of the facility to include regularly scheduled inspections. This shall include maintenance of the cover, vegetation, monitoring devices and pollution control equipment and correction of other deficiencies that may be observed by the Department. Monitoring

requirements shall continue throughout the post closure period as determined by the Department unless all waste is removed and no unpermitted discharge to waters of the State have occurred.

H. Post-Closure Use of Property

The Permittee shall ensure that post closure use of the property never be allowed to disturb the integrity of the final cover, liner, or any other component of the containment system. This shall preclude the growing of deep-rooted vegetation on the closed area.

I. Certification of Post-Closure

Following post-closure of each unit, the Permittee must submit to the Department a certification, signed by an independent registered professional engineer, verifying the post-closure has been completed according to the Post-Closure Plan.

J. Recording Instrument

The Permittee must provide documentation of compliance with the requirements of the Uniform Environmental Covenants Program in ADEM Admin. Code 335-5 and shall execute the following:

1. Record a notation onto the land deed within 90 days from the certification of closure. This notation shall state that the land has been used as a solid waste disposal facility, the name of the Permittee, type of disposal activity, location of the disposal facility and beginning and closure dates of the disposal activity.
2. File the covenant at the courthouse where the land deed is held thirty (30) days of receipt of the covenant signed ADEM's Land Division Chief.
3. The Permittee shall submit a certified copy of the recording instrument to the Department within 120 days after permit expiration, revocation, or as directed by the Department as described in the Application.

L. Removal of Waste

If the Permittee, or any other person(s), wishes to remove waste, waste residues, or any liner or contaminated soils, the owner must request and receive prior approval from the Department.

SECTION VIII. VARIANCES & SPECIAL CONDITIONS

1. The Permittee shall dispose of asbestos waste in accordance with ADEM Admin. Code r. 335-13-4-.26. When friable asbestos is accepted for disposal, it must be covered at the end of the day.
2. The Permittee has been granted a variance from ADEM Admin. Code r. 335-13-4-.23(1)(c), requiring all waste be confined to as small an area as possible. The Permittee shall be allowed an additional working face for disposal of shingles. (See Section III.D.)

Any variance granted by the Department may be terminated by the Department whenever the Department finds, after notice and opportunity for hearing, that the petitioner is in violation of any requirement, condition, schedule, limitation or any other provision of the variance, or that operation under the variance does not meet the minimum requirements established by state and federal laws and regulations or is unreasonably threatening the public health.



# APPLICATION

July 8, 2024

Mr. C. Blake Holden  
**Alabama Department of Environmental Management**  
1400 Coliseum Boulevard  
Montgomery, Alabama 36110-2400

Re: Minor Permit Modification Request  
Dirt, Inc. Schillinger Road Landfill  
Mobile County, Alabama  
Permit #49-06R  
SESI Project No: M01-129S

Dear Mr. Holden,

On behalf of Dirt, Inc., Southern Earth Sciences, Inc. (SESI) has prepared this request for modification of the existing permit for additional waste streams at the facility.

**Request No. 1:**

Dirt, Inc. is an approved Industrial and Construction & Demolition Landfill. As part of the industrial permit, Dirt, Inc. wishes to add Austal USA to the list of industrial users that may dispose of non-hazardous waste at the facility.

Please see the attached, approved profile (Certification SW-063024-0042) for the disposal of Blast Media/Sediment by Austal USA.

**Request No. 2:**

As part of the industrial permit, Dirt, Inc. wishes to add Fiber Glass Systems, LP to the approved waste stream for the facility. Fiber Glass Systems, LP manufactures materials from fiberglass resins. The profile is for the disposal of cured resins and fiberglass materials.

Please see the attached, approved profile (Certification SW-053126-0059) for the disposal of the cured polyester resin.

Also attached is the list of approved industrial facilities that may dispose of material at Dirt, Inc. We have added Austal USA to this list for reference.

If you have questions or if we may be of further assistance, please call 251.344.7711.

Sincerely,

**SOUTHERN EARTH SCIENCES, INC.**



Eric A. Guarino, P.G.  
Registered, Alabama No. 1101

# SOLID WASTE APPLICATION

PERMIT APPLICATION  
SOLID WASTE DISPOSAL FACILITY  
ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
(Submit in Triplicate)

1. Facility type:  Municipal Solid Waste Landfill (MSWLF)  
 Industrial Landfill (ILF)  
 Construction and Demolition Landfill (C/DLF)  
 CCR Landfill (CCRLF)  
 CCR Surface Impoundment (CCRSI)  
 Other (explain) \_\_\_\_\_

2. Facility Name Dirt, Inc. Schillinger's Road Landfill (Pit #1)

3. Applicant/Permittee:

Name:	<u>Dirt, Inc.</u>	Facility Location
Address:	<u>PO Box 91565</u>	<u>8081 Cottage Hill Road</u>
	<u>Mobile, Alabama 36691</u>	<u>Mobile, Alabama 36695</u>
Telephone:	<u>251-633-7474</u>	

If applicant/permittee is a Corporation, please list officers:

Michael S. Eubanks, President

4. Location: (include county highway map or USGS map)

Township	<u>T5S</u>	Range	<u>R3W</u>
Section	<u>12</u>	County	<u>Mobile</u>

5. Land Owner:

Name:	<u>Dirt, Inc.</u>
Address:	<u>PO Box 91565</u>
	<u>Mobile, Alabama 36691</u>
Telephone:	<u>251-633-7474</u>

(Attach copy of agreement from landowner if applicable.)

Solid Waste Permit Application  
Page 2

6. Contact Person:

Name Michael S. Eubanks

Position or Affiliation President

Address: PO Box 91565  
Mobile, Alabama 36691

Telephone: 251-633-7474

7. Size of Facility: 250 Acres      Size of Disposal Area(s): 207.16 Acres

8. Identify proposed service area or specific industry that waste will be received from:  
the service area will remain Mobile, Baldwin, and Washington Countie in Alabama.  
Asbestos wastes from the states of Alabama, Florida, Georgia, Mississippi, and  
Louisiana.

9. Proposed maximum average daily volume to be received at landfill (choose one):  
                     Tons/Day      1200 Cubic Yards/Day

10. List all waste streams to be accepted at the facility (i.e., household solid waste, wood boiler ash, tires, trees, limbs, stumps, etc.):  
Non-hazardous, non-putrescible, construction and demolition waste, friable asbestos, tires, yard debris (leaves, limbs, stumps); and nonhazardous industrial waste as approved by the Department. The facility may accept spent black beauty abrasive grit from Alabama Shipyard, LLC (Mobile, AL), off specification hydrophobic treated crushed limestone and off specification crushed limestone from Incoa Performance Minerals, LLC (Theodore, AL), spent black beauty abrasive blast media from Mobile Area Water and Sewer System (Mobile, AL), blast media/sediment from Austal USA (Mobile, AL), and cured resins and fiberglass materials from Fiber Glass Systems, LP (Grand Bay, AL). Special waste approved by the Department may also be accepted.

SIGNATURE (Responsible official of permit applicant):

 TITLE: President

Michael S. Eubanks DATE: July 8, 2024  
(please print or type name)

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Dirt, Inc.  
July 8, 2024

Minor Permit Modification Request

## ATTACHMENTS

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**Dirt, Inc.**  
**July 8, 2024**

**Minor Permit Modification Request**

**AUSTAL USA**



Alabama Department of Environmental Management  
[adem.alabama.gov](http://adem.alabama.gov)

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

6/16/2022

Delivered Via Email to Eric Guarino

RE: Waste Certification  
BLAST MEDIA/SEDIMENT

The Alabama Department of Environmental Management has reviewed your waste certification received on 6/16/2022 and has assigned a Certification Number for this waste as shown below.

Waste Profile #: 165476	Austal USA
Certification #: SW-063024-0042	1 Dunlap Drive
Expiration Date of Certification: 6/30/2024	Mobile, AL

In your certification you requested one or more landfills be approved to receive your waste. Based on our review of the waste and the landfills requested, the waste is approved for disposal in the following landfills:

Dirt Inc. Schillinger's Road ILF	49-06
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You should provide this approval letter to the landfill(s) listed above and contact the landfill to determine any special handling requirements for this waste prior to delivery to the landfill. According to ADEM regulations, the landfill may not receive this waste unless it has received a waste certification approval. For waste generated on a routine basis (not a one-time occurrence), another written certification for this waste stream should be submitted to ADEM prior to the expiration date listed above or at any time the process producing the waste changes. Each submittal should include a completed Solid Waste Profile Sheet, any supporting documentation including current analytical, and the appropriate fee. Current analytical consists of analysis performed within the past six months.

If at any time before the expiration date of this certification, new analysis of the waste is performed, the new results will supersede any prior analysis from the time the samples are taken. If the new analysis indicates the waste is still non-hazardous, the waste may continue to be disposed of at the landfill listed above until the expiration date of this certification. If the new analysis indicates the waste is hazardous, this certification is revoked. Each time new analysis is performed on the waste, copies of the analytical results should be provided to ADEM and the landfill until this certification expires. The generator should not dispose of the waste prior to the receipt and review of the sampling results. Furthermore, this approval letter does not exempt Austal USA from complying with all applicable requirements of the ADEM Administrative Code. If you have any questions concerning this approval or the approval process, please contact Ms. Cala Obenauf at 334-271-7824.

Sincerely,

A handwritten signature in black ink that reads "Brent A. Watson".

Brent A. Watson, Chief  
Compliance and Enforcement Section  
Land Division

BAW/cjo



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**Dirt, Inc.**  
**July 8, 2024**

**Minor Permit Modification Request**

## **FIBER GLASS SYSTEMS**





**Alabama Department of Environmental Management**  
**adem.alabama.gov**

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

5/28/2024

Delivered Via Email to Daniel LaCroix

RE: Waste Certification  
Cured Polyester Resin

The Alabama Department of Environmental Management has reviewed your waste certification received on 5/28/2024 and has assigned a Certification Number for this waste as shown below.

Waste Profile #: 167057	Fiber Glass Systems, LP
Certification #: SW-053126-0059	12050 Interchange Dr
Expiration Date of Certification: 5/31/2026	Grand Bay, AL

In your certification you requested one or more landfills be approved to receive your waste. Based on our review of the waste and the landfills requested, the waste is approved for disposal in the following landfills:

Dirt Inc. Schillinger's Road ILF	49-06
Axis Industrial Landfill-Lined cell	49-21

You should provide this approval letter to the landfill(s) listed above and contact the landfill to determine any special handling requirements for this waste prior to delivery to the landfill. According to ADEM regulations, the landfill may not receive this waste unless it has received a waste certification approval. For waste generated on a routine basis (not a one-time occurrence), another written certification for this waste stream should be submitted to ADEM prior to the expiration date listed above or at any time the process producing the waste changes. Each submittal should include a completed Solid Waste Profile Sheet, any supporting documentation including current analytical, and the appropriate fee. Current analytical consists of analysis performed within the past six months.

If at any time before the expiration date of this certification, new analysis of the waste is performed, the new results will supersede any prior analysis from the time the samples are taken. If the new analysis indicates the waste is still non-hazardous, the waste may continue to be disposed of at the landfill listed above until the expiration date of this certification. If the new analysis indicates the waste is hazardous, this certification is revoked. Each time new analysis is performed on the waste, copies of the analytical results should be provided to ADEM and the landfill until this certification expires. The generator should not dispose of the waste prior to the receipt and review of the sampling results. Furthermore, this approval letter does not exempt Fiber Glass Systems, LP from complying with all applicable requirements of the ADEM Administrative Code. If you have any questions concerning this approval or the approval process, please contact Ms. Cala Obenauf at 334-271-7824.

Sincerely,

A handwritten signature in black ink that reads "Sonja B Favors".

Sonja B Favors, Chief  
Industrial Hazardous Waste Branch  
Land Division

SBF/cjo



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

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

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

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**Dirt, Inc.**  
**July 8, 2024**

**Minor Permit Modification Request**

## **INDUSTRIAL USERS**

**Dirt, Inc. Schillinger's Road Landfill (Pit #1)  
Permit 49-06**

**INDUSTRIAL WASTE GENERATORS ADDRESS LIST**

**GAF Materials Corporation**

Mailing: Post Office Box 6377; Mobile, AL 36660  
Location: 2400 Emogene Street; Mobile, AL 36606

**Bender Shipbuilding Corporation**

Mailing: Post Office Box 42; Mobile, AL 36601  
Location: 265 S Water Street; Mobile, AL 36603

**Atlantic Marine Company**

Mailing: Post Office Box 3202; Mobile, AL 36652  
Location: Dunlap Drive; Pinto Island, Mobile, AL

**Alabama State Docks**

Mailing: Post Office Box 1588; Mobile, AL 36633-1588  
Location: State Docks Road; Mobile, AL

**Barnett Millworks and McPhillips Mfg**

Mailing: Post Office Box 389; Theodore, AL 36590  
Location: 4915 Hamilton Boulevard; Theodore, AL 36582

**McPhillips Manufacturing**

Mailing: Post Office Box 169; Mobile, AL 36601  
Location: 301 Yeend Street; Mobile, AL 36603

**Mobile Paperboard Corp**

Mailing and Location: 701 Mobile, Street; Mobile, AL 36617

**Armstrong Industries**

Mailing and Location: 1251 Baker Street; Mobile, AL 36603

**Kimberly Clark Tissue Mill**

Mailing and Location: 200 Bay Bridge Road, Mobile, AL 36610

**Incoa Performance Minerals, LLC**

Mailing: 2180 South 1300 East #400 Salt Lake City, UT 84106  
Location: 7730 Deer River Road; Theodore, AL 36582

**Mobile Area Water and Sewer System**

Mailing and Location: 4725 Moffett Road, Mobile, AL 36618

**Austal USA (REQUESTED TO BE ADDED TO PERMIT)**

Mailing and Location: 1 Dunlap Drive, Mobile, AL 36602

**Fiber Glass Systems, LP (REQUESTED TO BE ADDED TO PERMIT)**

Mailing and Location: 12050 Interchange Drive, Grand Bay, AL 36541