

PRELIMINARY DETERMINATION

PERMIT RENEWAL

IMMAC Power Solutions Inc.
200 Silverado Drive
Madison, Alabama 35758

IMMAC Power Solutions Inc. Landfill
Permit 20-09

October 7, 2019

IMMAC Power Solutions Inc. has applied to the Alabama Department of Environmental Management (ADEM) for renewal of the Solid Waste Disposal Facility Permit for the IMMAC Power Solutions Inc. Landfill. The waste stream for the IMMAC Power Solutions Inc. Landfill would remain non-putrescible and non-hazardous construction and demolition waste, whole and shredded tires, and rubbish as defined by ADEM Rule 335-13-1-.03. The service area for the IMMAC Power Solutions Inc. Landfill would remain the states of Alabama, Florida, Mississippi, Georgia, Tennessee, and Louisiana. The maximum average daily volume of waste disposed at the IMMAC Power Solutions Inc. Landfill would remain 200 tons a day. All previous variances have been requested by the applicant and will be granted in the renewed permit.

The landfill is located in NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ and the NW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 10, Township 3 North, Range 15 East in Covington County, Alabama. The permitted facility consists of approximately 51 acres with 38.22 acres for disposal operations.

The Land Division has determined that the renewal of the permit meets the applicable requirements of ADEM's Administrative Codes Division 13.

Technical Contact:

C. Preston Waid
Solid Waste Engineering Section
Land Division
(334) 270-5628



ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

SOLID WASTE DISPOSAL FACILITY PERMIT

PERMITTEE: IMMAC Power Solutions Incorporated

FACILITY NAME: IMMAC Power Solutions Inc. Landfill

FACILITY LOCATION: NE ¼ of the SW ¼ and the NW ¼ of the SE ¼ of Section 10, Township 3 North, Range 15 East in Covington County, Alabama. The total permitted area is approximately 51 acres with 38.22 acres approved for disposal.

PERMIT NUMBER: 20-09

PERMIT TYPE: Construction/Demolition (C/D) Landfill

WASTE APPROVED FOR DISPOSAL: Non-putrescible and non-hazardous construction and demolition waste, whole and shredded tires, and rubbish as defined by ADEM Rule 335-13-1-.03.

APPROVED WASTE VOLUME: Maximum Daily Volume of 200 tons per day

APPROVED SERVICE AREA: States of Alabama, Florida, Mississippi, Georgia, Tennessee, and Louisiana

In accordance with and subject to the provisions of the Alabama Solid Wastes and 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: XXXXXXXXXXXX

EFFECTIVE DATE: XXXXXXXXXXXX

EXPIRATION DATE: XXXXXXXXXXXX

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

Permittee: IMMAC Power Solutions Inc.
200 Silverado Drive
Madison, Alabama 35758

Landfill Name: IMMAC Power Solutions Inc. Landfill

Landfill Location: NE ¼ of the SW ¼ and the NW ¼ of the SE ¼ of Section 10, Township 3 North, Range 15 East in Covington County, Alabama.

Permit Number: 20-09

Landfill Type: Construction and Demolition Landfill

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

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 Chapters 335-13-1 through 335-13-15 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 ADEM on September 9, 2019, and as amended, for permit renewal and is known as the Permit Application (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 ADEM 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 is effective as of **XXXXXXXXXX**, and shall remain in effect until **XXXXXXXXXX**, unless suspended or revoked.

Alabama Department of Environmental Management

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 Administrative Code, Division 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 Administrative Code, Division 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, other than noncompliance authorized by a variance, constitutes a violation of Code of Alabama 1975, Section 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, Paragraph E, Subparagraph 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 ADEM, within a reasonable time, any information that ADEM 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, Section 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 Chapter 335-13-4 or the methods as specified in the Application 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, Paragraph 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 90 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. The Permittee may not commence disposal of waste in any new cell or phase until the Permittee has submitted to ADEM, by certified mail or hand delivery, a letter signed by both the Permittee and a professional engineer stating that the facility has been constructed in compliance with the permit. ADEM must inspect the constructed cells or phases before the owner or operator can commence waste disposal unless the Permittee is notified that ADEM will waive the inspection.
 - 13. Compliance Schedules. Reports of compliance or noncompliance with or any progress reports on interim and final requirements contained in any compliance schedule required and approved by the Department shall be submitted no later than 14 days following each schedule date.
 - 14. Other Noncompliance. The Permittee shall report all instances of noncompliance with the permit at the time monitoring reports are submitted.
 - 15. 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 of 335-13.
 - 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.I. 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 ADEM, 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 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 ADEM, and the reports shall be submitted at least semi-annually, or as directed by ADEM. 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 ADEM 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 335-13 must be furnished upon request, and made available at reasonable times for inspection by any officer, employee, or representative of ADEM.
 - b. All records, including plans, required under this permit or 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 ADEM.
 - c. A copy of records of waste disposal locations and quantities must be submitted to ADEM and local land authority upon closure of the facility.
- I. Documents to be Maintained by the Permittee. The Permittee shall maintain, at IMMAC Power Solutions Inc. Landfill, office the following documents and amendments, revisions and modifications to these documents until an engineer certifies closure.
- 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:
1. Mailing Address.
Chief, Solid Waste Branch
Alabama Department of Environmental Management
P.O. Box 301463
Montgomery, AL 36130-1463
 2. Physical Address.
Chief, Solid Waste Branch
Alabama Department of Environmental Management
1400 Coliseum Blvd.
Montgomery, Alabama 36110-2059
- K. Signatory Requirement. All applications, reports or information required by this permit, or otherwise submitted to ADEM, 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 335-13.
- B. Open Burning. The Permittee shall not allow open burning without prior written approval from ADEM and other appropriate agencies. A burn request should be submitted in writing to ADEM 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 for the detecting and preventing the disposal of free liquids, regulated hazardous waste, PCB's, and medical waste 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 not dispose of industrial process waste at this landfill. Only those wastes shown in Section III, Paragraph B are allowed for disposal in this landfill.

- 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 C/D 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 Section III, Paragraph 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 IMMAC Power Solutions Inc. Landfill is approximately 51 acres, with 38.22 acres approved for disposal.
 - 3. The maximum average daily volume of waste disposed at the facility, as contained in the permit application, shall not exceed 200 tons/day. Should the average daily volume exceed this value by 20% or 100 tons/day, whichever is less, for two (2) consecutive quarters the permittee shall be required to modify the permit in accordance with 335-13-5-.06(2)(a)5. The average daily volume shall be computed as specified by 335-13-5-.06(2)(a)5.(i).
- B. Waste Streams. The Permittee may accept for disposal non-putrescible and non-hazardous construction and demolition waste, whole and shredded tires, and rubbish as defined by ADEM Rule 335-13-1-.03.
- C. Service Area. The Permittee is allowed to receive for disposal waste from the States of Alabama, Florida, Mississippi, Georgia, Tennessee and Louisiana.
- D. Waste Placement, Compaction, and Cover. All waste shall be confined to an area as small as possible and placed onto an appropriate slope not to exceed 4 to 1 (25%). The Permittee was granted a variance to operate two working faces i.e., one working face each for C/D disposal area and scrap tires disposal area. 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. The working face of scrap tire disposal area needs to be covered by a minimum of six inches of compacted earth or other alternative cover material approved by the Department at the conclusion of each month's operation. However, during the mosquito infection period (June thru September) a biweekly cover should be applied on the working face. The C/D disposal area working face should be covered at the end of each week's operation by six inches of compacted earth material. IMMAC Power Solutions Inc. Landfill was also granted permission to use tire bales, when possible, to be placed inside the disposal areas as barriers to contain disposed scrap tires.
- E. Liner Requirements. At this time, the Permittee shall not be required to install a liner system. **The bottom of the construction and demolition waste shall be a minimum of five (5) feet above the highest measured groundwater level.**
- 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 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 ADEM.
- N. Other Requirements. ADEM 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 ADEM. The Permittee is allowed to remove scrap tires from the landfill and shipped for fuel use. (See Section VIII.3.)
- 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 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:

Groundwater monitoring is not being required at this landfill provided that the waste stream is in accordance with Section III, Paragraph B. Should any waste be disposed other than the waste streams indicated in Section III, Paragraph B, the Department may require that groundwater-monitoring wells be installed.

SECTION V. GAS MONITORING REQUIREMENTS

The permittee must install and maintain an explosive gas monitoring system in accordance with ADEM Administrative Code, Division 13.

SECTION VI. SURFACE WATER MANAGEMENT

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 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.
- 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 ADEM 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 ADEM a certification, signed by an 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 thirty (30) years following closure of the facility. ADEM may shorten or extend the post-closure care period applicable to the solid waste disposal facility. The Permittee shall reapply in order to fulfill the post-closure care requirements of this permit.
- 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 ADEM. Monitoring requirements shall continue throughout the post closure period as determined by ADEM 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 ADEM a certification, signed by an engineer, verifying the post-closure has been completed according to the Post-Closure Plan.
- J. Notice in Deed to Property. The Permittee shall record a notation onto the land deed containing the property utilized for disposal within 90 days after permit expiration, revocation or when closure requirements are achieved as determined by ADEM as stated in the Application. 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.
- K. Recording Instrument. The Permittee shall submit a certified copy of the recording instrument to ADEM within 120 days after permit expiration, revocation, or as directed by ADEM 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 ADEM

SECTION VIII. VARIANCES

- 1. The Permittee has been granted a variance from ADEM Rule 335-13-4-.23(1)(a). requiring all waste to be covered **weekly**. The scrap tire disposal area is required to be covered by a minimum of six inches of compacted earth or other alternative cover material approved by the Department at the conclusion of each month's operation. However, during the mosquito infection period (June thru September) a biweekly cover **shall** be applied on the working face. (See Section III.D.)

2. The Permittee has been granted a variance from ADEM Rule 335-13-4-.22.(1)(b) requiring all waste to be confined to a small an area as possible. Under this variance, the Permittee is allowed to operate two working faces. (See Section III., D.)
3. The Permittee has been granted a variance from ADEM Rule 335-13-4-.23(2)(a). which states that scavenging shall not be permitted, and salvaging operations shall be controlled. The Permittee **may** remove scrap tires from the landfill to ship for fuel use. (See Section III. P.)

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.

Permit Renewal Application



September 6, 2019

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

**RE: Permit Renewal
IMMAC Power Solutions Inc. Landfill
Permit No. 20-09
Covington County, Alabama**

RECEIVED
SEP 09 2019
ADEM FRONT DESK

Dear Mr. Waid:

Enclosed is the permit renewal package for the IMMAC Power Solutions Inc. Landfill. The permit renewal fee of \$5,400 for the ten year renewal period is included.

As part of this permit renewal, it is requested that the landfill continue previously granted variances.

This permit renewal package includes the Permit Renewal Application, fee, the facility's Waste Screening Plan, Figure 1 depicting the gas monitoring locations, the disposal areas with boundaries, the 100 foot buffer zone and the facility boundary. The facility does not have groundwater monitoring wells. Also included is page C5 of the permit plans showing the sediment ponds at closure. A map depicting the landfill's adjacent landowners is attached with a list of the landowners' addresses.

Please call if you have any questions concerning this submittal.

Sincerely,
Kelly Engineering, LLC

A handwritten signature in blue ink that reads 'Steve Kelly'.

Steve Kelly, P.E.
Alabama Registration No. 19345

Copy: Juan Garcia, IMMAC Power Solutions Inc. Landfill
David Little, IMMAC Power Solutions Inc. Landfill

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

The following application, with all required attachments, must be submitted before the Department will begin its review.

SECTION I:

LANDFILL ACTION: _____ New Application
 _____ **X** _____ Renewal Application, Permit Number 20-09
 _____ Modification Application, Permit Number _____

LANDFILL NAME: IMMAC Power Solutions Inc. Landfill
 LANDFILL ADDRESS (MAILING): IMMAC Power Solutions Inc.
 200 Silverado Drive
 Madison, AL 35758

 LANDFILL ADDRESS (PHYSICAL): 17724 LTRC Lane
 Andalusia, AL 36420

SECTION II:

APPLICANT/PERMITTEE:
 NAME: IMMAC Power Solutions Inc.
 ADDRESS: 200 Silverado Drive
 Madison, AL 35758
 TELEPHONE: _____

If applicant/permittee is a Corporation, please list officers:
Juan Garcia, Jorge Garcia, Ignacio Garcia

SECTION III:

LANDFILL OPERATOR:

Name: (1) William David Little (2) _____
Address: 10724 Salem Church Road _____
Andalusia, AL 36420 _____
Telephone: 334-427-1608 _____

SECTION IV:

CONTACT PERSON(S):

Name: (1) William David Little (2) _____
Address: 10724 Salem Church Road _____
Andalusia, AL 36420 _____
Telephone: 334-427-1608 _____

SECTION V:

LANDOWNER(S):

Name: (1) IMMAC Power Solutions Inc. (2) _____
Address: 200 Silverado Drive _____
Madison, AL 35758 _____
Telephone: _____

Attach copy of agreement from landowner giving permission to use site for disposal if landowner is different from applicant.

SECTION VI:

ADJACENT LANDOWNER(S):

- a. Submit a list of all adjacent landowners including name and current mailing address.
- b. Submit a drawing/map identifying the proposed disposal site and the properties of all adjacent landowners listed in "a" above.

SECTION VII:

LOCAL APPROVAL: No Required (Yes or No)
N/A Date Received if needed (attach copy of resolution and proof of publishing public notice)

SECTION VIII:

WASTE DESCRIPTION:

a. Describe and list all waste streams/types to be accepted at landfill:

Non-putrescible and non-hazardous construction and demolition waste, whole and shredded tires, and rubbish as defined by ADEM Rule 335-13-1-.03

b. List proposed service area (geographic area or location(s)):

States of Alabama, Florida, Mississippi, Georgia, Tennessee and Louisiana

c. What is the maximum daily volume of waste to be received at the landfill? (Select One)

200 tons per day _____ cubic yards per day

SECTION IX:

SITE DESCRIPTION:

a. Attach location map with the site clearly identified. Acceptable maps include a USGS 7.5 or 15 minute series, a county highway map published by the Alabama Department of Transportation.

b. Location:

County: Covington

Part: NE1/4 of SW1/4 & NW1/4 of SE 1/4 of Section(s): 10

Township(s): 3 North Range(s): 15 East

c. Attach legal property description and boundary plat of the permitted area and disposal area prepared and signed by a licensed land surveyor.

d. Size of permitted area: 51 acres

e. Size of disposal area: 38.22 acres

SECTION X:

This Section is to be completed by the applicants/permittees. A copy of all concurrence letters must be attached to this application upon submittal to the Department.

Location Standards (Rule 335-13-4-.01(1)):

- a. Is the landfill located in the 100-year flood plain? (need to have flood plain map)
NO: YES:

- b. Does the proposed landfill disposal area:
 - (1.) Jeopardize the continued existence of endangered or threatened species protected under the Endangered Species Act of 1973?
NO: YES: (Attach letter from U.S. Dept. of Interior or Alabama Fish and Wildlife)

 - (2.) Result in the destruction or adverse modification of critical habitats protected under the Endangered Species Act of 1973?
NO: YES: (Attach letter from U.S. Dept. of Interior or Alabama Fish and Wildlife)

- c. Is the proposed landfill located in a zone of active faults, seismic impact zones and unstable areas?
NO: YES:
(If YES then all required seismic studies should be submitted to the Department.)

- d. Is the proposed landfill located in an area that is archaeologically sensitive?
NO: YES: (Attach letter from State Historic Preservation Officer)

Water Quality Standards (Rule 335-13-4-.01(2)):

(ADEM Water Division should be contacted to determine if permit is required)

- a. Will the proposed landfill discharge pollutants to waters of the State in violation of requirements of the National Pollutant Discharge Elimination System (NPDES) Permit?
NO: YES:

- b. Will the proposed landfill violate any requirement of an area wide or Statewide water quality plan that has been approved under the Alabama Water Pollution Control Act?
NO: YES:

- c. Will any part of the landfill, including buffer zone, be located in wetlands, beaches, dunes?
NO: YES:

d. Will solid waste be disposed in any location which will significantly degrade wetlands, beaches, or dunes?

NO: X YES:

e. Will the proposed landfill be located outside the boundaries of the coastal area? (If not, then all demonstrations should be submitted to the Department for review.)

NO: YES: X

Groundwater Elevations:

Has a minimum five-foot separation between the floor of the disposal cell and the groundwater been established? NO: YES: X

SECTION XI:

GENERAL COMMENTS:

All materials listed in Rules 335-13-4-.12 to 335-13-4-.17, Rules 335-13-4-.19 to 335-13-4-.20, and Rule 335-13-4-.23 shall be kept at the landfill office along with a copy of the engineering drawings which must be submitted to the Department for review.

The applicant/permittee is responsible for obtaining a copy of the Division 13 regulations and complying with all Rules related to construction/demolition landfill units.

SECTION XII:

CERTIFICATION OF LOCAL GOVERNMENT APPROVAL:

Upon submittal of this application, we the undersigned certify that local approval has been obtained from Andalusia/Covington (city/county). Evidence of this local approval is contained in documents which are on file at the permit applicant's business address.

CERTIFICATION OF COMPLIANCE:

Upon submittal of this application, we the undersigned certify that this document and all attachments submitted are to the best of our knowledge and belief, true, accurate, and complete. We also understand that if any of the material certified to above has not been received, or is not complete or is not accurate, that shall be grounds for the Department to revoke the landfill permit if issued.

SIGNATURE (Responsible official of permit applicant):

Juan Garcia TITLE: President
DATE: 13 Aug 19
(please print or type name)

SIGNATURE (Certifying Engineer):

Steve Kelly TITLE: Owner
DATE: 8-19-19
(please print or type name)

FIRM: Kelly Engineering, LLC

STAMP OR SEAL:



WASTE SCREENING PLAN

IMMAC POWER SOLUTIONS INC. LANDFILL

Permit No. 20-09

August 2019

Prepared For:

IMMAC Power Solutions Inc.
17724 LTRC Lane
Andalusia, Alabama 36420

Prepared By:

Kelly Engineering, LLC
5315D Wares Ferry Road
Montgomery, AL 36109

Site Location

The IMMAC Power Solutions Inc. Landfill is described as being located in a part of the Northeast ¼ of the Southwest ¼ & Northwest ¼ of the Southeast ¼ of Section 10, Township 3 North, and Range 15 East in Covington County, Alabama. The IMMAC Power Solutions Inc. Landfill site is located at 17724 LTRC Lane, approximately 0.75 miles west of Alabama Highway 29, south of Andalusia. The landfill office is located at Latitude 31.2395, Longitude -86.5400.

Background

The permitted area for the IMMAC Power Solutions Inc. Landfill is approximately 51 acres with the permitted disposal area consisting of approximately 38.22 acres. The remaining acres are comprised of unused land, transport container storage, vehicle maintenance and office, access roads and storm water management structures.

The site is owned by IMMAC Power Solutions Inc. and operates as a permitted C & D landfill. The waste stream for the IMMAC Power Solutions Inc. Landfill is non-putrescible and non-hazardous construction and demolition wastes, whole and shredded tires, and rubbish as defined by ADEM Rule 335-13-1-03. The service area for the IMMAC Power Solutions Inc. Landfill is the states of Alabama, Florida, Mississippi, Georgia, Tennessee and Louisiana. The permitted maximum daily volume of waste disposed at the IMMAC Power Solutions Inc. Landfill is 200 tons per day.

Proper Operation and Maintenance

The IMMAC Power Solutions Inc. Landfill will try at all times properly to operate and maintain all facilities and systems of control (and related appurtenances) that are installed or used by the facility to achieve compliance with the conditions of the permit. Such facility controls include: security fences and gates, proper cover on closed cells, stormwater management drainage ditches, spillways, rockfalls and retention ponds, onsite migration berms, all weather access roads, waste boundary markers and permitted waste signage.

The IMMAC Power Solutions Inc. Landfill will operate and maintain the disposal facility consistent with Permit No. 20-09, and ADEM Administrative Code r. 335-13 requirements.

Waste Screening

The IMMAC Power Solutions Inc. Landfill has developed a program to detect and prevent disposal of putrescible waste, free liquids, sludges, medical waste, regulated hazardous wastes and PCB wastes at the landfill facility. The IMMAC Power Solutions Inc. Landfill uses a program for detecting and preventing the disposal of these wastes which includes security, posted notification, training, and inspections.

Security

The facility uses artificial and natural barriers which help prevent entry of unauthorized vehicular traffic to the facility and unauthorized disposal while the facility is closed. Unauthorized entry and disposal is prevented by locked gates, fencing and land & ditch barriers around the landfill property boundary.

Posted Notification

Signage is posted at the entrance instructing customers that an attendant must be on duty before unloading waste. The facility is permitted to dispose of non-putrescible and non-hazardous construction and demolition waste, whole and shredded tires, and rubbish as defined by ADEM Rule 335-13-1-.03.

Construction/Demolition waste includes: waste building materials, packaging, and rubble from construction, remodeling, repair, or demolition operations on houses, commercial building, and other structures. Such wastes include but is not limited to masonry materials, sheet rock, roofing waste, insulation (not including asbestos), scrap metal and wood products, uncontaminated concrete, soil, brick, waste asphalt paving, wood ash (untreated).

Inspections

The landfill manager and the equipment operators are trained to identify unacceptable and suspect wastes. Hazardous wastes may be gases, liquids, solids, or sludges that are listed or exhibit the characteristics described in 40 CFR Part 261. A solid waste is a regulated hazardous waste if it:

- (1) is listed in Subpart D of 40 CFR Part 261 (termed a "listed" waste);
- (2) exhibits a characteristic of a hazardous waste as defined in Subpart C of 40 CFR Part 261; or
- (3) is a mixture of a listed hazardous waste and a non-hazardous solid waste. Characteristics of hazardous wastes as defined in Subpart C of 40 CFR Part 261 include ignitability, corrosivity, reactivity, and toxicity. The toxicity characteristic leaching procedure (TCLP) is the test method used to determine the mobility of organic and inorganic compounds present in liquid, solid, and multiphase wastes.

The following prohibited wastes will not be accepted for disposal at this site:

- Regulated Hazardous Waste, Polychlorinated Biphenyls (PCBs) wastes, as defined under 40 Code of Federal Regulations (CFR), Part 761. Commercial or industrial sources of PCB wastes that are addressed by the program include:
 1. Mineral oil and dielectric fluids containing PCBs;
 2. Contaminated soil, dredged material, sewage sludge, rags, and other debris from a release of PCBs;
 3. Transformers and other electrical equipment containing dielectric fluids; and
 4. Hydraulic equipment/machines
- Lead acid storage batteries
- Waste/used motor vehicle oil: from residential do-it-yourself sources
- Used-oil filters from internal combustion engines
- Items containing chlorinated fluorocarbons (CFCs), such as refrigerators, freezers and air conditioners, will only be accepted at the site if the generator or transporter provides written certification that the CFC has been evacuated from the unit and that it was not knowingly allowed to escape into the atmosphere. The site operator will verify that the refrigerant has been evacuated from the appliance or shipment of appliances previously. Such verification will include a signed statement from the person from whom the appliance or shipment of appliances is obtained that all refrigerant that had not leaked previously has been recovered from the appliance or shipment of appliances in accordance with 40 CFR §82.156 (g) or (h) as applicable. This statement will include the name and address of the person who recovered the refrigerant and the date the refrigerant was recovered or a contract that refrigerant will be removed prior to delivery.

The facility will notify persons who may deliver such items of the requirement to verify evacuation of refrigerant by signage or letter.

- Liquid waste as stated in Division 13 335-13-4-.23, any waste material that is determined to contain "free liquids" as deemed by EPA Method 9095 (Paint Filter Test), as described in "Test Methods for Evaluating Solid Wastes, Physical chemical Methods" (EPA Publication Number SW-846).
- Regulated Asbestos Containing Materials
- Industrial Wastes
- Sludge Wastes

Random Inspections

Inspections are completed daily at the point of entry by the gate attendant. The inspections are completed when a load is unfamiliar to the gate attendant or has been identified as from an industrial or manufacturing facility. Loads identified from microelectronics manufacturers, electronic equipment companies, metal plating industry, automotive and vehicle repair service companies, and dry cleaning establishments, etc. will all be inspected. Visual inspections are completed on suspect loads when it is safe to do so. If a suspect load cannot be adequately inspected at the gate, then the load is referred for a detailed inspection at the working face.

Customer loads are visually checked for unacceptable items such as: household food waste/garbage, wet paints, chemicals, electronics, creosote poles and chemically treated lumber, medical waste, hazardous materials, drums and containers, animals, batteries, and florescent bulbs. Any items that are found to be unacceptable are to be removed by the transporter/customer before the load can be disposed of. An inspection is considered satisfactory when the inspector knows the nature of all materials received in the load and is able to discern whether the materials are potentially regulated hazardous wastes or PCB wastes.

Customers are questioned as to whether or not they have any household food waste/garbage, wet paints, waste oil, liquids, chemicals, electronics, creosote polls and chemically treated lumber, hazardous materials, animals, batteries, and florescent bulbs.

Records of all inspections will be maintained as part of the Site Operating Record. The results of these inspections will be documented on the Load Inspection Report Form and Waste Inspection Screening Form, if applicable. The reports will include the date and time of inspection, the name and address of the hauling company and driver, the

type of vehicle, the size and source of the load, contents of the load, indicators of prohibited waste, and results of the inspection.

ADEM will be notified of any incident involving a regulated hazardous waste or a PCB waste at the landfill. Any regulated hazardous waste or PCB waste discovered at the site will be remediated in accordance with ADEM regulations.

The personnel will be trained to look for typical indications of prohibited waste such as:

1. Yellow hazardous waste or PCB labels
2. DOT hazard placards or markings
3. Liquids
4. 55-gallon drums
5. 85-gallon overpack drums
6. Powders or dusts unless specifically approved
7. Odors or chemical fumes
8. Bright or unusual colored wastes
9. Sludges

Detailed Inspections

If the suspect load may not be accessed at the gate, the attendant calls the equipment operator at the working face to require an additional inspection during off loading. The waste may be spread at the working face with an excavator to allow observation of the complete load.

Unloading Area Inspections

Inspections are completed by equipment operators at the unloading area and the working face. Prior to being spread, each load is inspected for any unacceptable waste. If suspect of unacceptable waste is identified, the waste is segregated from the working face. The Emergency Response Officer (Landfill Manager) is contacted to determine acceptable removal and storage requirements.

This program of signage, inspections, training and waste disposal customer communication provides a reasonable means to adequately control the receipt of inappropriate wastes.

Customer Management Plan for Disposing of Materials

Customers are given driving directions to the disposal site located on the premises of the facility. After the customer leaves the office, they will follow directions to the disposal site within the facility.

1. They will be directed to a ferrous/nonferrous metal pile, and after disposal of metals,
2. They will go to the debris/tire disposal area. When in the disposal area, the customer will unload debris/tires under supervised authority.
3. While the customer is unloading materials, the landfill employee will screen the materials for unacceptable items. If the customer has an acceptable item, the customer will carry the item back with them and may have the option of dumping it into a MSW dumpster if the waste is non-hazardous, has no free liquids and is not a sludge waste.
4. After the materials have been dropped off, the landfill employee will gather up the recyclable materials and dispose of the metals into a metal recycling container.
5. After the debris has been inspected and screened, the landfill operator will push/walk in the materials, spread, compact and cover the waste according to ADEM regulations.
6. If the load is determined to contain prohibited waste or if there is any possibility that it may be prohibited waste, the load will be rejected and directed back to the generator.

Industrial Waste Disposal

The IMMAC Power Solutions Inc. Landfill is not permitted to dispose of industrial waste. No industrial waste will be accepted at the IMMAC Power Solutions Inc. Landfill without prior ADEM approval. On a case by case basis applications to dispose of special waste may be considered for disposal. In accordance with ADEM Administrative Code 335-13-4-.26 Requirements for Management and Disposal of Special Wastes, ADEM Form 300 will be completed and submitted to ADEM with the applicable waste characterization laboratory analytical data for ADEM approval to dispose the special waste. If the special waste is not approved it will not be accepted at the IMMAC Power Solutions Inc. Landfill.

Management of Hazardous Wastes and ADEM Notification

Hazardous waste is not accepted at the IMMAC Power Solutions Inc. Landfill. However, if regulated quantities of hazardous wastes or PCB wastes are found at the landfill facility, the owner or operator will notify the ADEM Solid Waste Branch, authorized to implement the Hazardous Waste Program under Subtitle C of RCRA.

If the IMMAC Power Solutions Inc. Landfill manager or the equipment operators discover regulated quantities of hazardous waste or PCB waste while it is still in the possession of the transporter, the personnel will refuse to accept the waste and the waste will remain the responsibility of the transporter. If the owner or operator is unable to identify the transporter who brought the hazardous waste, the IMMAC Power Solutions Inc. Landfill facility must ensure that the waste is managed in accordance with all applicable Federal and State Hazardous Waste regulations.

IMMAC Power Solutions Inc. Landfill is prepared to handle hazardous wastes that are inadvertently received at the landfill facility. The facility has 55-gallon drums available on-site and retains a list of companies and contact telephone numbers of the nearest haulers licensed to transport hazardous waste. If hazardous or PCB waste is identified and the waste cannot be refused upon off loading the following procedure will be followed in accordance with 40 CFR §262.34 and ADEM hazardous waste guidelines:

1. The waste will be placed in 55 gallon drums;
2. The date of receipt of the waste will be clearly marked and visible on each container;
3. The drums will be marked clearly with the words "Hazardous Waste" or "Caution contains PCBs" as applicable;
4. The manager of the IMMAC Power Solutions Inc. Landfill, Mr. David Little, is the Oil Spill Prevention and Control (OSPC) officer and is responsible for coordinating all emergency response and hazardous waste management measures;
5. The OSPC will obtain an EPA PCB identification number if applicable.
6. The OSPC officers telephone number and the number of the fire department is posted next to the facility phone.
7. A licensed hazardous waste transporter will be contacted to transport the waste back to the generator or to an appropriate hazardous waste disposal facility.

Hazardous waste may be stored at the landfill facility for no more than 90 days, provided that the following procedures are followed:

1. The waste will be packaged in accordance with Department of Transportation (DOT) regulations under 49 CFR Parts 173, 178, and 179. The container will be labeled, marked, and display a placard in accordance with DOT regulations on hazardous wastes under 49 CFR Part 172.
2. The OSPC officer will properly manifest the waste designating a permitted facility to treat, incinerate, store, or dispose of the hazardous waste.

Bulk or Non-containerized Liquid Waste and Containerized Liquid Waste

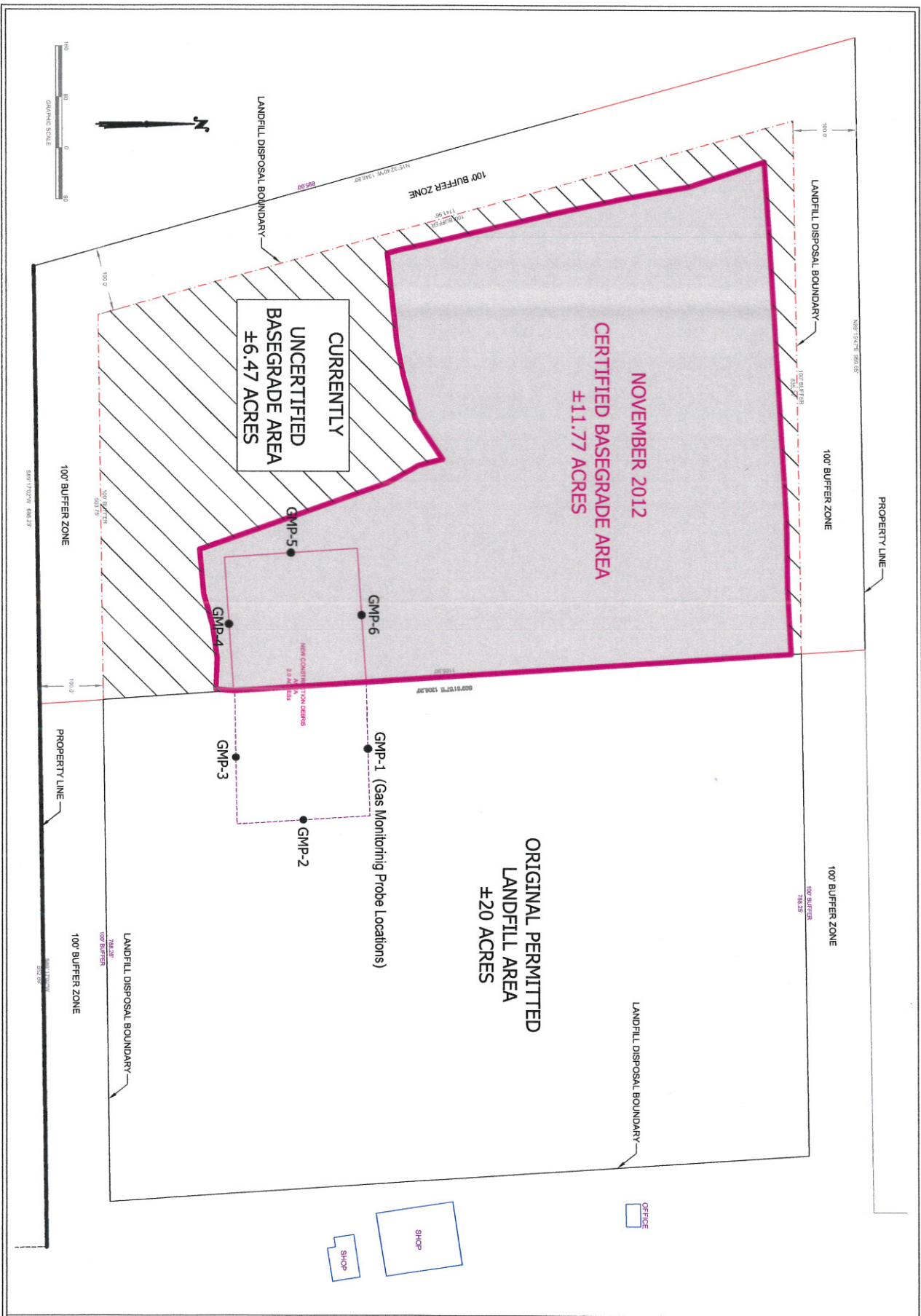
The IMMAC Power Solutions Inc. Landfill will not dispose of bulk or non-containerized liquid waste, containerized liquid waste or containers capable of holding liquids. No tank trucks of waste will be allowed to dispose of waste at the IMMAC Power Solutions Inc. Landfill. The restriction of bulk or containerized liquids is intended to prevent a source of liquids from entering the landfill that may become a source of leachate. Liquid waste means any waste material that is determined to contain "free liquids" as defined by Method 9095 (Paint Filter Liquids Test), as described in "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods" (EPA Pub. No. SW-846).

Empty Containers

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

Scavenging and Salvaging Operations

The IMMAC Power Solutions Inc. Landfill will prevent scavenging and salvaging operations, except as part of a controlled recycling and waste screening effort. Any recycling operation will be in accordance with plans submitted and approved by ADEM.



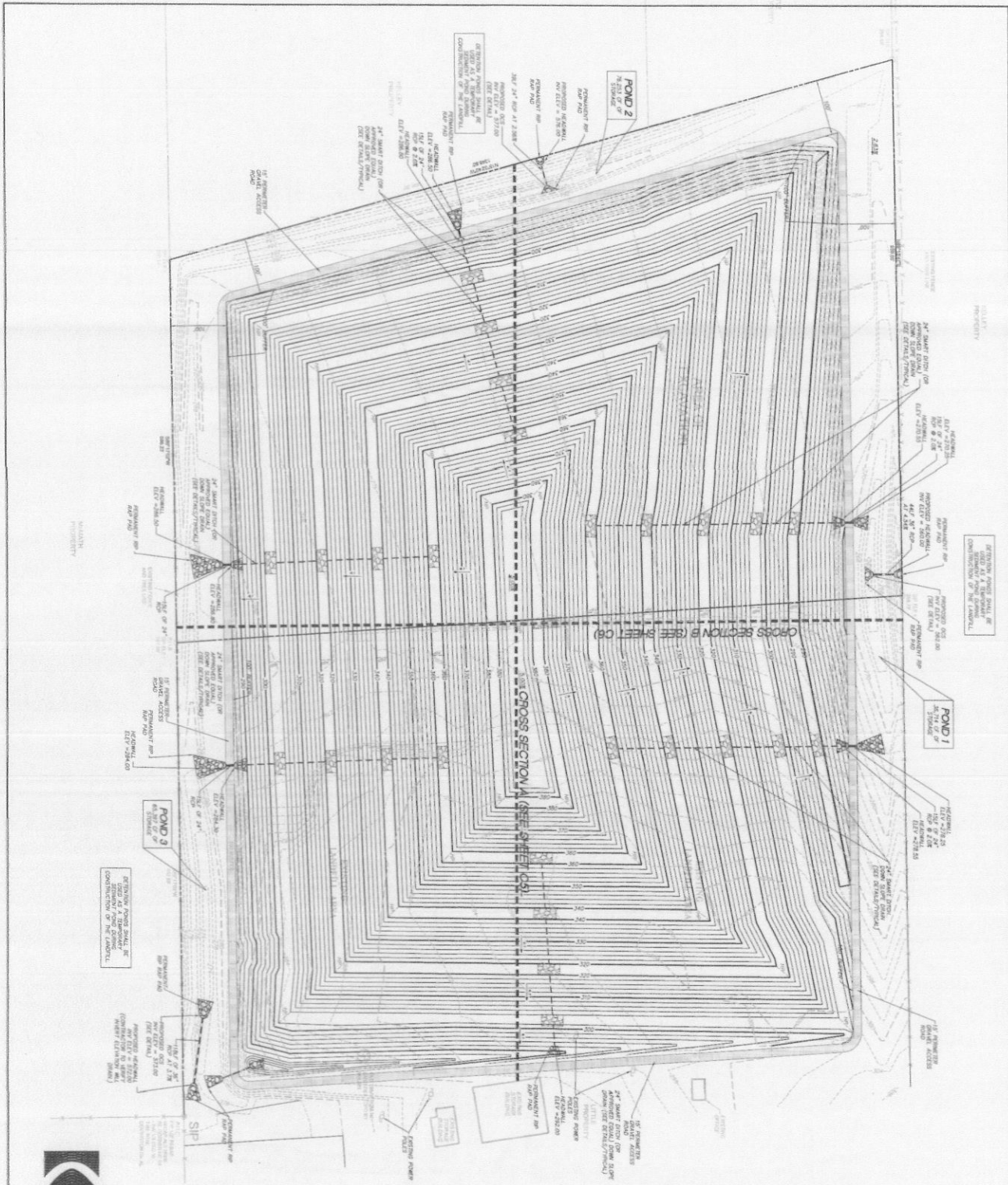
**IMMAC POWER SOLUTIONS INC. LANDFILL
 PERMIT RENEWAL
 PERMIT NUMBER 20-09
 ANDALUSIA, COVINGTON COUNTY, ALABAMA**

K **KELLY ENGINEERING, LLC**
 352 AVON ROAD
 MONTGOMERY, ALABAMA 36109

FIGURE NO. 1

SCALE: GRAPHIC SCALE IN FEET

DATE: AUGUST 2019



DEFINITION POND SHALL BE USED AS A TEMPORARY CONSTRUCTION OF THE CANAL.

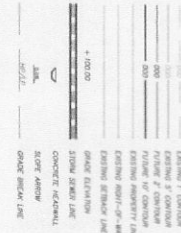
DEFINITION POND SHALL BE USED AS A TEMPORARY CONSTRUCTION OF THE CANAL.

DEFINITION POND SHALL BE USED AS A TEMPORARY CONSTRUCTION OF THE CANAL.

GRADING NOTES

1. ALL GRADING SHALL BE IN ACCORDANCE WITH THE GRADING PLAN.
2. CONSTRUCTION SHALL BE RESPONSIBLE FOR REMOVAL OF ALL STumps AND BRUSH FROM THE GRADING AREA.
3. ALL GRADING SHALL BE TO THE FINISHED ELEVATION SHOWN ON THE GRADING PLAN.
4. CONSTRUCTION IS RESPONSIBLE FOR MAINTAINING ALL UTILITIES BELOW THE GRADING SURFACE.
5. ALL GRADING SHALL BE TO THE FINISHED ELEVATION SHOWN ON THE GRADING PLAN.
6. ALL GRADING SHALL BE TO THE FINISHED ELEVATION SHOWN ON THE GRADING PLAN.
7. ALL GRADING SHALL BE TO THE FINISHED ELEVATION SHOWN ON THE GRADING PLAN.
8. ALL GRADING SHALL BE TO THE FINISHED ELEVATION SHOWN ON THE GRADING PLAN.
9. ALL GRADING SHALL BE TO THE FINISHED ELEVATION SHOWN ON THE GRADING PLAN.
10. ALL GRADING SHALL BE TO THE FINISHED ELEVATION SHOWN ON THE GRADING PLAN.
11. ALL GRADING SHALL BE TO THE FINISHED ELEVATION SHOWN ON THE GRADING PLAN.
12. ALL GRADING SHALL BE TO THE FINISHED ELEVATION SHOWN ON THE GRADING PLAN.

GRADING LEGEND



SITE SUMMARY

TOTAL ACRES	18.25 ACRES
EXISTING LAUREL AREA	20.11 ACRES
PROPOSED LAUREL EXPANSION	18.25 ACRES

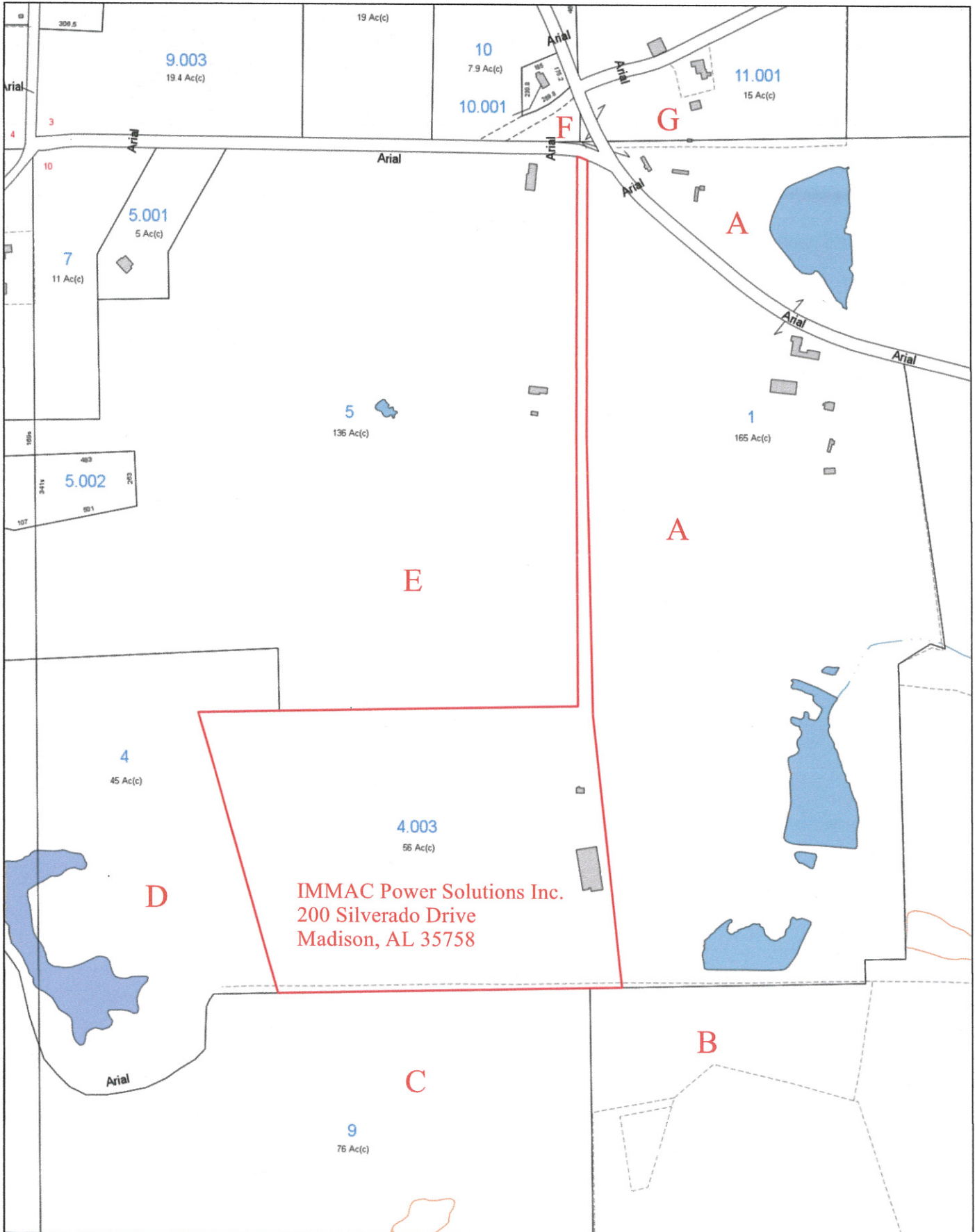
DRAINAGE SUMMARY

NO.	AREA (AC)	PERCENTAGE (%)	PERCENTAGE (%)	PERCENTAGE (%)	PERCENTAGE (%)
1	2.11	11.56	11.56	11.56	11.56
2	2.52	13.80	13.80	13.80	13.80
3	1.78	9.75	9.75	9.75	9.75
4	1.50	8.22	8.22	8.22	8.22
5	1.34	7.34	7.34	7.34	7.34
6	1.00	5.48	5.48	5.48	5.48
7	0.99	5.42	5.42	5.42	5.42
8	0.99	5.42	5.42	5.42	5.42
9	0.99	5.42	5.42	5.42	5.42
10	0.99	5.42	5.42	5.42	5.42
11	0.99	5.42	5.42	5.42	5.42
12	0.99	5.42	5.42	5.42	5.42
13	0.99	5.42	5.42	5.42	5.42
14	0.99	5.42	5.42	5.42	5.42
15	0.99	5.42	5.42	5.42	5.42
16	0.99	5.42	5.42	5.42	5.42
17	0.99	5.42	5.42	5.42	5.42
18	0.99	5.42	5.42	5.42	5.42
19	0.99	5.42	5.42	5.42	5.42
20	0.99	5.42	5.42	5.42	5.42
21	0.99	5.42	5.42	5.42	5.42
22	0.99	5.42	5.42	5.42	5.42
23	0.99	5.42	5.42	5.42	5.42
24	0.99	5.42	5.42	5.42	5.42
25	0.99	5.42	5.42	5.42	5.42
26	0.99	5.42	5.42	5.42	5.42
27	0.99	5.42	5.42	5.42	5.42
28	0.99	5.42	5.42	5.42	5.42
29	0.99	5.42	5.42	5.42	5.42
30	0.99	5.42	5.42	5.42	5.42
31	0.99	5.42	5.42	5.42	5.42
32	0.99	5.42	5.42	5.42	5.42
33	0.99	5.42	5.42	5.42	5.42
34	0.99	5.42	5.42	5.42	5.42
35	0.99	5.42	5.42	5.42	5.42
36	0.99	5.42	5.42	5.42	5.42
37	0.99	5.42	5.42	5.42	5.42
38	0.99	5.42	5.42	5.42	5.42
39	0.99	5.42	5.42	5.42	5.42
40	0.99	5.42	5.42	5.42	5.42
41	0.99	5.42	5.42	5.42	5.42
42	0.99	5.42	5.42	5.42	5.42
43	0.99	5.42	5.42	5.42	5.42
44	0.99	5.42	5.42	5.42	5.42
45	0.99	5.42	5.42	5.42	5.42
46	0.99	5.42	5.42	5.42	5.42
47	0.99	5.42	5.42	5.42	5.42
48	0.99	5.42	5.42	5.42	5.42
49	0.99	5.42	5.42	5.42	5.42
50	0.99	5.42	5.42	5.42	5.42

KELLY ENGINEERING, LLC
352 AVON ROAD
MONTGOMERY, ALABAMA 36109
334-398-1776

	LAI ENGINEERING PERIMETER PARK ONE PERIMETER PARK SOUTH, STE 4405 BIRMINGHAM, AL 35243 PHONE: 205.503.4660 FAX: 205.503.4663 WWW.LAIENGINEERING.COM	LITTLE'S TIRE RECLAMATION AND DISPOSAL 10724 SALEM CHURCH ROAD PREPARED FOR DAVID LITTLE SECTION K1, TOWNSHIP 9 N, RANGE 19 E ANDALUSSIA, ALABAMA	REVISIONS
	SHEET: CS DATE: 2/24/09 DRAWN BY: PAUL C. CLARKE CHECKED BY: PAUL C. CLARKE	JOB NO: 2008 	

Adjacent Landowners Map



IMMAC Power Solutions Inc. Landfill Adjacent Landowners Addresses

- A. William David & Audrey E. Little
10724 Salem Church Road
Andalusia, AL 36420
- B. William David Little
10724 Salem Church Road
Andalusia, AL 36420
- C. Susan N. McMath
Rev. Living Trust
P.O. Box413
Flomaton, AL 36441
- D. William David Little
10724 Salem Church Road
Andalusia, AL 36420
- E. Gwendolyn B. Kelley
10294 Kelley Farm Road
Andalusia, AL 36420
- F. Jackie Fuqua
10410 Salem Church Road
Andalusia, AL 36420
- G. Debra E. Maraman
303 Christy Lane
Andalusia, AL 36420

FEE SHEET FOR SOLID WASTE PERMITS

ADEM No.: 7583

Applicant: IMMAC Power Solutions Incorporated

Location: 10724 Salem Church Road
Andalusia, Alabama 36420

Coordinates 31.24338037, -86.5358945

Permit No.: 20-09

Date Application Received: 09/09/19

Permit Fees Required	Initial Issuance	Modification	Reissuance	Total
Municipal Solid Waste Landfill	\$83,880		\$37,270	
Minor Modification ¹		\$3,275		
Major Modification ²		\$32,615		
Construction/Demolition Landfill	\$7,145		\$5,400	\$5,400
Minor Modification ¹		\$1,460		
Major Modification ²		\$2,915		
Industrial Landfill	\$12,670		\$8,150	
Minor Modification ¹		\$1,460		
Major Modification ²		\$4,375		
Compost Facility	\$4,860		\$3,670	
Minor Modification ¹		\$1,225		
Major Modification ²		\$1,945		
Environmental Covenants				
Engineering Controls	\$6,425	\$1,610		
Registry Fee for Class 1 Controls	\$13,705	\$635		
Registry Fee for Class 2 Controls	\$9,420	\$635		
Registry Fee for Class 3 Controls	\$5,245	\$635		

Additional Fees				
Geological Review:	\$4,865	\$3,275	\$3,275	
Greenfield Site:	\$1,610			
Public Hearing:	\$8,450	\$8,450	\$8,450	
Name Change/Transfer:		\$800		
Variance Request	\$1,460	\$1,460	\$1,460	
Solid Waste Disposal Notification	\$215	\$215	\$215	

¹ These are modifications as included in ADEM Admin. Code Rule 335-13-5-.06(2)

² These are modifications as included in ADEM Admin. Code Rule 335-13-5-.06(1)

RECEIVED

SEP 10 2019

ADEM
EDDS

Total Fee Due: _____
 Amount Submitted with Application: _____
 Amount Received: _____
 Amount to be Billed: _____
 Amount Received: _____
 Date Received: JHC
 Amount to be Refunded: _____

Total Fee Due:	\$5,400
Amount Submitted with Application:	\$5,400
Amount Received:	\$5,400
Amount to be Billed:	\$0
Amount Received:	<u>5400</u>
Date Received:	<u>9-10-19</u>
Amount to be Refunded:	<u>0</u>

"002533"

Fee Schedule Prepared by: CPW Date: 9/10/19
 Fee Schedule Reviewed by: SSS Date: 9/10/19