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Alabama Department of Environmental Management
adem.alabama.gov

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Montgomery, Alabama 36130-1463
(334) 271-7700 ■ FAX (334) 271-7950

November 17, 2022

Mr. Jason Howard
Sedgefields LLC
22377 Highway 29
Union Springs, AL 36089

RE: **UIC PERMIT NUMBER ALSI9906002**
Sedgefields Plantation Kennel
22377 Highway 29
Union Springs, Bullock County, AL

Dear Mr.Howard:

A **Draft** copy of the permit is enclosed for your review.

If you have any comments on the draft permit, please submit them to this office **within the next thirty (30) days** so that any issues of concern might be resolved.

If you have any questions concerning this permit, please contact me at (334) 271-7959 or jessica.spence@adem.alabama.gov.

Sincerely,

A handwritten signature in cursive script that reads "Jessica Spence".

Jessica Spence
UIC Program

Enclosure

JS/

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

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



Mobile Branch
2204 Perimeter Road
Mobile, AL 36615-1131
(251) 450-3400
(251) 479-2593 (FAX)

Mobile-Coastal
3664 Dauphin Street, Suite B
Mobile, AL 36608-1211
(251) 304-1176
(251) 304-1189 (FAX)



UNDERGROUND INJECTION CONTROL PERMIT

PERMITTEE: Sedgefields LLC

FACILITY/LOCATION: Sedgefields Plantation Kennel
22377 Highway 29
Union Springs, Bullock County, Alabama
Lat: N 32.173333°/Long: W -85.710278°

PERMIT NUMBER: ALSI9906002

INJECTION WELL CLASS: Class V

SOURCE OF POLLUTANTS: Wash down from a dog kennel which has been treated by a wastewater treatment facility.

In accordance with and subject to the provisions of the Safe Drinking Water Act, as amended, 42 U.S.C. §§ 300f-300j (the "SWDA"), the Alabama Water Pollution Control Act, as amended, Code of Alabama 1975, §§ 22-22-1 to 22-22-14, (the "AWPCA"), the Alabama Environmental Management Act, as amended, Code of Alabama 1975, §§ 22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and subject further to the terms and conditions set forth in this permit, the Permittee is hereby authorized to construct and operate injection well(s) of the above-described class.

ISSUANCE DATE:

EFFECTIVE DATE:

EXPIRATION DATE:

PART I Authorization to Operate

- A. The permittee is authorized to operate a Class V Injection Well at the facility described in the permit application and in the cover page of this permit, in accordance with the provisions set forth in this permit. In the case of this permit, the disposal system is defined as the injection well.
- B. The permittee must have routine and daily control of the treatment and effluent disposal system for operation in accordance with the terms of this permit.
- C. Only the treated wash down water from a dog kennel described in the original permit application and any subsequent permit application modification issued by the Alabama Department of Environmental Management (ADEM) shall be injected.
- D. This permit and the authorization to inject shall remain in effect until the expiration date as stated on the cover page of this permit. If the permittee desires to continue injection past the expiration date of this permit, the permittee shall request a permit reissuance at least 180 days prior to expiration of this permit.

PART II Construction Requirements

- A. Injection Well Requirements
 - 1. The permittee shall inject only wash down water that has been treated by passing through a wastewater treatment system, plans for which were submitted with the application for the permit.
 - 2. Injected effluent shall not surface from the effluent disposal system.
 - 3. The permittee shall maintain a means of sampling the wastewater after treatment and prior to injection.
 - 4. The disposal field areas shall be the areas identified in the permit application.
 - 5. The disposal field areas shall be maintained so that standing or ponded water resulting from precipitation does not occur.
 - 6. Adequate select soil fill material shall be maintained in areas where shallow subsurface soil restrictive features might limit effluent absorption.
 - 7. The permittee shall maintain a thriving vegetated cover throughout the year and must overseed the disposal field area when necessary to maintain a cover crop.
 - 8. All treatment and disposal system components and equipment shall be installed, monitored, and maintained in accordance with manufacturers' directions.
 - 9. The loading rate of treated wastewater shall not exceed the design loading rate as specified in the permit application.

B. Modifications

Approval by ADEM shall be obtained prior to modification of any injection well or supporting surface. Modification shall mean any action that will change the configuration of the well beneath the surface, the methods of monitoring injection, or will result in injection of a fluid not specifically authorized by this permit.

PART III Monitoring and Operating Requirements**A. Injection Fluid**

The permittee shall not inject any substance that is defined as hazardous or toxic by Federal or State laws or regulations or any substance not identified in the application for this permit. The proposed use of substances other than those identified in the permit application must be reviewed and approved by ADEM prior to use.

B. Operation

The injection well(s) operated under this permit shall function properly and wastewater shall not surface. Should the injection well fail to function properly, the permittee shall take immediate corrective action, to include cessation of injection, as required by ADEM.

PART IV Records, Reports, & Submittals**A. Records**

1. The permittee shall retain all records concerning the data used to complete the permit application, the operation of the wells, and the nature and composition of pollutants injected; to include records of the calibration of instruments, meters and gauges, quality control records, and recordings from continuous monitoring instrumentation for the previous three years of operation.
2. When requested by ADEM, the permittee shall deliver to ADEM copies of any of the records maintained in accordance with this permit.

B. Reports

1. The permittee shall report to ADEM any of the following:
 - a) Any planned action which will change the use of the injection well, will result in injection of a fluid different from that authorized by this permit, will result in injection of wastewater at a rate greater than the design flow rate, will change the method of operations of the injection well, or will change the method of the monitoring of well operations or injected fluids. No such changes shall be implemented unless or until a permit modification has been received.
 - b) Any planned transfer of ownership of all or part of the permitted facility.
 - c) Any relevant facts of which the permittee becomes aware which should have been submitted in a permit application and any corrections to data previously submitted in a permit application.

2. Studies, engineering reports, plans and specifications, plugging and abandonment plans, logging reports, and other technical documents submitted to comply with this permit shall be prepared by or under the supervision of qualified persons defined by Rule 6-8-.13 of the Underground Injection Control (UIC) Regulations of ADEM.

PART V Plugging and Abandonment

The permittee shall perform any abandonment and closure actions that may be required by ADEM to remove a threat to groundwater quality or to the health of persons.

PART VI Permit Modification, Revocation, Suspension, and Termination

- A. ADEM may impose emergency additional conditions to this permit when necessary to protect waters of the state from pollution. These conditions may include suspension of the permit to inject. Any such condition shall remain in effect until the permit is modified, revoked, suspended or terminated in accordance with the UIC Regulations of ADEM.
- B. Non-emergency permit modification, revocation, suspension, and termination actions shall be accomplished in accordance with ADEM Administrative Rule 335-6-8.

PART VII General Provisions

- A. The permittee shall comply with all provisions of the UIC Regulations of ADEM and shall comply with all provisions of this permit and shall reduce or halt injection if needed to maintain compliance with the permit and regulations.
- B. The permittee shall comply with all applicable Federal and State hazardous waste management regulations.
- C. The permittee shall allow members of the ADEM staff to:
 1. Access property and records of the permittee for purposes of inspection.
 2. Collect samples of the injected fluids, process and wastewater streams associated with the permitted injection wells.
 3. Collect samples from monitoring wells.
 4. Obtain copies of records upon request.
- D. The permittee shall immediately take all reasonable steps to minimize or correct any adverse environmental impact resulting from the operation of the permitted injection wells.
- E. This permit does not convey any property rights of any sort, or any exclusive privilege.

- F. The filing of a request by the permittee for a permit modification, revocation, and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.
- G. Any noncompliance with this permit constitutes a violation of the Alabama Water Pollution Control Act (AWPCA) and/or the UIC regulations and is grounds for enforcement action such as permit termination, revocation, modification; or denial of a permit renewal application.
- H. Injection to waters of the state, which in this case is groundwater, in accordance with this permit shall not result in the exceedance of a Maximum Contaminant Level (MCL) as established by the Environmental Protection Agency. Injection to groundwater, in accordance with this permit shall not result in a violation of a surface water quality standard.
- I. All provisions of ADEM Code Rule 335-6-8.12 are incorporated as terms and conditions of this permit by reference.
- J. The permittee authorized to discharge under this permit, who wishes to continue to discharge upon the expiration of this permit, shall submit an application for reissuance, using the Department's Alabama Environmental Permitting and Compliance System (AEPACS), unless the Permittee submits in writing valid justification as to why the electronic submittal process cannot be utilized and the Department approves in writing the utilization of hard copy submittals. The AEPACS can be accessed at the following link: <http://adem.alabama.gov/AEPACS>. Such application shall be submitted at least 180 days prior to the expiration date of this permit. Permit requests for initial issuance and modifications of the existing permit should all be submitted through the AEPACS system.

ADEM Permit Rationale

Date: October 27, 2022
Prepared By: Jessica Spence

Responsible Official: Jason Howard

Permittee Name: Sedgefields LLC
22377 Highway 29
Union Springs, AL 36089

Facility/Site Name: Sedgefields Plantation Kennel

Location: 22377 Highway 29
Union Springs, Bullock County, AL 36089
Latitude: 32.173333/Longitude: -85.710278

UIC Permit Number: ALSI9906002

Draft permit is: Reissuance

Injection Description: Wash down from a dog kennel which has been treated by a wastewater treatment facility.

Discussion: Standard permit drafted.

1. No hazardous injection
2. Sampling point required
3. The effluent disposal area must be maintained to prevent the occurrence of standing water resulting from precipitation or injection of treated wastewater
4. The permittee shall maintain a thriving vegetated cover throughout the year and must oversee the disposal area when necessary to maintain a cover crop.
5. All subsurface effluent disposal system components and equipment must be installed, monitored, and maintained in accordance with manufactures' directions
6. The loading rate of treated wastewater shall not exceed the design loading rate
7. AEPACS required to be utilized for permit reissuances/modifications/transfers