

PART I Authorization to Operate

- A. The permittee is authorized to operate a Class V Injection Well(s) 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 effluent disposal system is defined as the injection well.
- B. Only treated wash down water from a dog kennel shall be injected.
- C. This permit and the authorization to inject shall remain in effect until the expiration date 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 which 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 provide a means of sampling the wastewater after treatment and prior to injection.
 - 4. The disposal field areas shall be the areas identified by 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 properly installed, monitored, and maintained.
 - 9. The loading rate of treated wastewater shall not exceed the design loading rate.
 - 10. The permittee shall maintain an area of reserve area sufficient to accommodate a full replacement of the effluent disposal system in accordance with the plans submitted.

B. Modifications

Approval of 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. Bleach, disinfectants, and chemical pesticides shall not be discharged to the wastewater treatment system.

B. Operation

The injection well operated under this permit shall function properly and wastewater shall not surface or saturate the uppermost soil layer. Should the injection well fail to function properly, the permittee shall take 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; until at least three years after the closure of well.
2. When requested by ADEM, the permittee shall deliver 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 wells, will result in injection of a fluid different from that authorized by this permit, will change the method of operations of any injection well, or will change the method of the monitoring of well operations or injected fluids.
 - 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. Other Submittals

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 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 the Director of the ADEM to remove a threat to groundwater quality or to the health of persons which is caused by the injection activity.

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 and 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 Code 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 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 any 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 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. All provisions of ADEM Admin. Code Rule 335-6-8-.12 are incorporated as terms and conditions of this permit by reference.
- I. Injection to waters of the state, which in this case is groundwater, in accordance with this permit shall not result in the exceedance of any Maximum Contaminant Level (MCL) as established by the Environmental Protection Agency (EPA). Injection to groundwater, in accordance with this permit shall not result in violation of a surface water quality standard.

ADEM Permit Rationale

Date: June 27, 2019

Prepared by: Joe Kelly

Permittee Name: Five Star Preserve, LLC attention Harry Pasisis, PO Box 40, Kellyton, AL 35089

Facility Name: Five Star Preserve, 775 Ireland Way, Kellyton, AL 35089

Location: Preserve Kennels
Kellyton
Coosa County, Alabama
Lat:N 32.950500/Long:W -86.047260
Town 23N, Range 20E, Section 27

UIC Permit Number ALSI9919002

Draft Permit is: Initial Registration / New Use

Injection Description: injection of wash down water from a dog kennel

Discussion: Standard permit drafted.

1. No hazardous injection
2. Sampling point required