UTAH SOLID AND HAZARDOUS WASTE CONTROL BOARD
SOLID WASTE PERMIT

Circle Four Farms
CLASS IIIb LANDFILL

Pursuant to the provisions of the *Utah Solid and Hazardous Waste Act*, Title 19, Chapter 6, Part 1, Utah Code Annotated (UCA) 1953, as amended (the Act) and the *Utah Solid Waste Permitting and Management Rules*, Utah Administrative Code (UAC) R315-301 through 320 adopted thereunder, a Permit is issued to

Circle Four Farms as owner and operator,

to own, construct and operate the class IIIb landfill located in sectional lots 5, 6, 11 and 12 in Section 4 and Sectional lots 7, 8, 9 and 10 Section 5, T31S, R13W, Salt Lake Base and Meridian less and excepting the following described parcel: Beginning at the west 1/4 corner of said Section 4 and running thence N 00° 07' 45" W along the section line 660 feet; thence S 89° 57' 49" E 660 feet; thence S 00° 07' 45" E 660 feet to the ¼ section line; thence N 89° 57' 49" W along said line 660 feet to the point of beginning. As shown in the Permit Application (Division Tracking # 2010.02056) determined complete on July 13, 2010 (Division tracking # 2010.00574).

The Permittee is subject to the requirements of UAC R315-301 through 320 and the requirements set forth herein.

All references to UAC R315-301 through 320 are to regulations that are in effect on the date that this Permit becomes effective.

Effective date: November 1, 2010.

Expiration date: November 1, 2020.

Closure and Post-Closure Cost Revision Date: November 1, 2015.

Signed this 1st day of November, 2010.

Scott T. Anderson, Executive Secretary
Utah Solid and Hazardous Waste Control Board

FACILITY OWNER/OPERATOR INFORMATION

LANDFILL NAME:	Circle Four Farms Class IIIb Landfill
OWNER ADDRESS:	P.O. Box 100 Milford, Utah 84751
OWNER PHONE NO.:	435-387-2107
TYPE OF PERMIT:	Class IIIb
PERMIT NUMBER:	0903
LOCATION:	The Circle Four Farms Class IIIb landfill located in sectional lots 5, 6, 11 and 12 in Section 4 and Sectional lots 7, 8, 9 and 10 Section 5, T31S, R13W, Salt Lake Base and Meridian less and excepting the following described parcel: Beginning at the west 1/4 corner of said Section 4 and running thence N 00° 07' 45" W along the section line 660 feet; thence S 89° 57' 49" E 660 feet; thence S 00° 07' 45" E 660 feet to the ¼ section line; thence N 89° 57' 49" W along said line 660 feet to the point of beginning.
DIRECTIONS TO FACILTY:	The landfill is located approximately ¾ miles south of the Iron/Beaver County line via 12,500 West.

PERMIT REQUIREMENTS

Permit as used in this document is defined in UAC R315-301-2(55).

The application, Circle Four Farms Landfill Class IIIb Permit Application, June 11, 2010, tracking number 2010.02056, as deemed complete on the date shown on the signature page of this Permit, is hereby incorporated by reference into this Solid Waste Permit and shall be referred to as the "Permit Application" throughout this Permit. All representations made in the Permit Application are part of this Permit and are enforceable under UAC R315-301-5(2). The Permit Application shall become part of the operating record of the Landfill. Where differences in wording exist between this Permit and the application, the wording of this Permit supersedes that of the application.

This Permit consists of the signature page, Facility Owner/Operator Information section, sections I through V, and the Permit Application as defined above.

The facility as described in this Permit consists of dead animal disposal cells with access roads to the cell areas along with an above ground diesel tank that has secondary containment comprised of concrete.

By this Permit to operate, the Permittee shall be subject to the following conditions.

I. GENERAL COMPLIANCE RESPONSIBILITIES

A. General Operation

The Permittee shall operate the Class IIIb landfill in accordance with the conditions of this Permit and with all requirements of UAC R315-304, that are in effect as of the date of this Permit unless otherwise noted in this Permit. Any permit noncompliance or noncompliance with any applicable portions of UCA 19-6-101 through 123 and applicable portions of UAC R315-301 through 320 constitutes a violation of this Permit or applicable statute or rule and is grounds for appropriate enforcement action, permit revocation, modification, or denial of a permit renewal application.

B. Noncompliance

If monitoring, inspection, or testing indicates that any permit condition or any applicable rule under UAC R315-301 through 320 may be or is being violated, the Permittee shall promptly make corrections to the operation or other activities to bring the facility into compliance with all permit conditions or rules.

In the event of any noncompliance with any permit condition or violation of an applicable rule, the Permittee shall promptly take any feasible action reasonably necessary to correct the noncompliance or violation and mitigate any risk to the human health or the environment. Actions may include eliminating the activity causing the noncompliance or violation and containment of any waste or contamination using barriers or access restrictions, placing of warning signs, or permanently closing areas of the facility.

The Permittee shall document the noncompliance or violation in the operating record, on the day the event occurred or the day it was discovered. Permittee shall notify the Executive Secretary of the Solid and Hazardous Waste Control Board by telephone within 24 hours, or the next business day following documentation of the event. Permittee shall give written notice of the noncompliance or violation and measures taken to protect human health and the environment within seven days of Executive Secretary notification.

Within thirty days of the documentation of the noncompliance, the Permittee shall submit to the Executive Secretary a written report describing the nature and extent of the noncompliance or violation and the remedial measures taken or to be taken to protect human health and the environment and to eliminate the noncompliance or violation. Upon review of the assessment report, the Executive Secretary may order the Permittee to perform appropriate remedial measures including development of a site remediation plan for approval by the Executive Secretary.

In an enforcement action, the Permittee may not claim as a defense that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with UAC R315-301 through 320 and this Permit.

Compliance with this Permit does not constitute a defense to actions brought under any other local, state, or federal laws. This Permit does not exempt the Permittee from obtaining any other local, state or federal permits or approvals required for the facility operation.

The issuance of this Permit does not convey any property rights, other than the rights inherent in this Permit, in either real or personal property, or any exclusive privileges other than those inherent in this Permit. Nor does this Permit authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations including zoning ordinances.

The provisions of this Permit are severable. If any provision of this Permit is held invalid for any reason, the remaining provisions shall remain in full force and effect. If the application of any provision of this Permit to any circumstance is held invalid, its application to other circumstances shall not be affected.

C. Inspection and Inspection Access

The Permittee shall allow the Executive Secretary of the Utah Solid and Hazardous Waste Control Board or an authorized representative of the Board, or representatives from the Southwest Utah Public Health Department, to enter at reasonable times and:

1. Inspect the landfill or other premises, practices or operations regulated or required under the terms and conditions of this Permit or UAC R315-301 through 320;

2. Have access to and copy any records required to be kept under the terms and conditions of this Permit or UAC R315-301 through 320;

3. Inspect any loads of waste, treatment facilities or processes, pollution management facilities or processes, or control facilities or processes required under this Permit or regulated under UAC R315-301 through 320; and

4. Create a record of any inspection by photographic, videotape, electronic, or any other reasonable means.

D. Prohibited Waste

1. Hazardous waste as defined by UAC R315-1 and R315-2;

2. PCB's as defined by UAC R315-301-2(53), except PCB's specified by UAC R315-315-7(2)(a) and (c);

3. Household waste;

4. Municipal waste;

5. Special waste except as specified in this Permit;

6. Commercial waste; and

7. Containers larger than household size (five gallons) holding any liquid, non-containerized material containing free liquids or any waste containing free liquids in containers larger than five gallons.

8. Regulated asbestos-containing material.

Any prohibited waste received and accepted for disposal at the facility shall constitute a violation of this Permit, of UCA 19-6-101 through 123 and of UAC R315-301 through 320.

E. Acceptable Waste

This Permit is for disposal of nonhazardous industrial waste, as defined in UAC R315-301-2(35), generated by Circle Four Farms and as described in the Permit Application and listed below:

1. Dead Pigs

2. Process wastes that include: construction debris, lunch trash, gloves, artificial insemination disposables, pallets, plastic flooring, boxes and

plastic bags.

F. Revocation

This Permit is subject to revocation if any condition of this Permit is not being met. The Permittee shall be notified in writing prior to any proposed revocation action and such action shall be subject to all applicable hearing procedures established under UAC R315-12 and the *Utah Administrative Procedures Act.*

As part of the revocation the Executive Secretary shall exercise the option to require payment of funds under the financial assurance mechanism held by the Executive Secretary.

G. Attachment Incorporation

Attachments to the Permit Application are incorporated by reference into this Permit and are enforceable conditions of this Permit, as are documents incorporated by reference into the attachments. Language in this Permit supersedes any conflicting language in the attachments or documents incorporated into the attachments.

II. DESIGN AND CONSTRUCTION

A. Construction

The landfill shall be constructed according to the design outlined in the Permit Application and in the area designated in the Permit Application, including landfill cells, fences, gates, and berms prior to acceptance of waste.

The Permittee shall notify the Executive Secretary upon completion of construction of any landfill cells or run-on and run-off diversion systems. No landfill cells or run-on and run-off diversion system may be used until construction is approved by the Executive Secretary.

The Permittee shall notify the Executive Secretary of the completion of construction of any final cover system and shall provide all necessary documentation and shall apply for approval of the construction from the Executive Secretary.

All engineering drawings submitted to the Executive Secretary shall be stamped by a professional engineer with a current registration in Utah.

No cell construction may take place in any portion of Lots 8 and 9 of Section 5

Township 31 South Range 13 West, SLBM, and Lots 5, 6, 11, and 12 of Section 4 Town ship 31 South Range 13 West, SLBM, without submission of a detailed survey of potential historical sites and presentation of a plan to protect identified sites.

B. Run-On Control

Perimeter drainage channels and berms shall be constructed as specified in the Permit Application. These channels shall be maintained at all times to effectively prevent run-off from the surrounding property from entering the landfill.

III. LANDFILL OPERATION

A. Operations Plan

The Operations Plan included in the Permit Application and this Permit shall be kept onsite at the landfill or at the location designated in Section III-G of this Permit. The landfill shall be operated in accordance with the Operations Plan. If necessary, the Permittee may modify the Operations Plan, provided that the modification meets all of the requirements of UAC R315-301 through 320, is as protective of human health and the environment as that approved in the Permit Application, and is approved by the Executive Secretary as a minor modification under UAC R315-311-2(1)(a)(xiii). Any modification to the Operations Plan shall be noted in the operating record.

Any modification to the Operations Plan shall be submitted to the Executive Secretary for approval and is considered a minor permit modification in compliance with UAC R315-311-2(1)(a)(xiii) unless the Executive Secretary determines the change should be subject to public comment under UAC R315-311-2(1)(b).

B. Security

The Permittee shall operate the Landfill so that unauthorized entry to the facility is restricted. All facility gates and other access routes shall be locked during the time the landfill is closed. At least one person employed by the Permittee shall be at the landfill during all hours that the landfill is open. Fencing and any other access controls as shown in the Permit Application shall be constructed to prevent access of persons or livestock by other routes

C. Waste Inspections

The Permittee shall visually inspect incoming waste loads to verify that no wastes other than those allowed by this Permit are disposed in the landfill. A complete waste inspection shall be conducted at a minimum frequency of 1 % of loads received, but no less than one complete inspection per day. Loads to be inspected shall be selected on a random basis.

All loads suspected or known to have one or more containers capable of holding more than five gallons of liquid shall be inspected to ensure that each container is empty.

All loads that the operator suspects may contain a waste not allowed for disposal at the landfill shall be inspected.

Complete inspections shall be conducted as follows:

1. The operator shall conduct the random waste inspection at the working face or an area designated by the operator;

2. Loads subjected to complete inspection shall be unloaded at the designated area;

3. Loads shall be spread by equipment or by hand tools;

4. A visual inspection of the waste shall be conducted by personnel trained in hazardous waste recognition and recognition of other unacceptable waste; and

5. The inspection shall be recorded on the waste inspection form in the Permit Application. The form shall be placed in the operating record at the end of the operating day.

D. Cover

Dead animals shall be covered with a minimum of six inches of earth at the end of the working day in which they are received.

The Permittee shall cover the waste as necessary to prevent fires and to control vectors, blowing litter, odor, scavenging, and fugitive dust. Wastes that are capable of attracting or providing food for vectors, materials that may become windblown litter, or fine materials that may become fugitive dust shall be covered with a minimum of six inches of earth at the end of the working day in which they are received. An alternative cover material may be used when the material and operations meet the requirements of UAC R315-303-4(4)(b) through (d) or when

the alternative daily cover meets the requirement of UAC R315-303-4(4)(e).

All waste not requiring daily cover shall be covered with a minimum of six inches of earthen cover no less than once each month. This cover shall consist of soil, no alternative may be used.

At the end of each day of operation, when soil or an alternative cover is placed, the amount and type of cover placed and the area receiving cover shall be recorded in the operating record and certified by the operator. Cover requirements for dead animals are found in Section III-L of this Permit.

E. Ground Water Monitoring

The Permittee shall monitor the ground water underlying the landfill in accordance with the Ground Water Monitoring Plan and the Ground Water Monitoring Quality Assurance/Quality Control Plan contained in the permit application. The Ground Water Monitoring Plan and QA/QC Plan was submitted on July 14, 2010, *Division tracking #2010.02545*. The Ground Water Monitoring Plan and QA/QC Plan was approved by the Division, *Division tracking #2010.00587*. If necessary, the facility owner may modify the Ground Water Monitoring Plan and the Ground Water Monitoring Quality Assurance/Quality Control Plan, provided that the modification meets all of the requirements of UAC R315-301 through 320 and is as protective of human health and the environment as that approved in the permit application, and is approved by the Executive Secretary as a minor modification under UAC R315-311-2(1)(a). Any modification to the Ground Water Monitoring Plan and the Ground Water Monitoring Quality Assurance/Quality Control Plan shall be noted in the operating record. Plan changes that are found by the Executive Secretary to be less protective of human health or the environment than the approved plan are a major modification and are subject to the requirements of UAC R315-311.

Ground water samples shall be analyzed for the following constituents:

Drinking water quality standards

Dissolved inorganic compounds	Protection Standard
	mg/l (ppm)
Alkalinity	500
Aluminum	0.05-0.2
Ammonia	50
Arsenic	0.010
Bicarbonate	
Boron	5.0
Cadmium	0.005

Chloride	250
Chlorine (total residual in chlorine disinfected water)	
Chlorine (free residual)	
Copper	1.0
Fluoride	4.0
Iron	0.3
Lead	0.015
Magnesium	200
Manganese	0.05
Mercury	.002
Nitrate (as nitrate-nitrogen)	10.0
Nitrate (as nitrate)	1.0
Selenium	0.05
Sulphate	1,000
Sulphide	0.05
Kjeldahl Nitrogen-Total(as N)	
Zinc	5

F. Roads

All access roads within the landfill boundary, used for transporting waste to the landfill for disposal, shall be improved and maintained as necessary to ensure safe and reliable all-weather access to the disposal area.

G. Burning of Waste

Intentional burning of solid waste is prohibited and is a violation of UAC R315-303-4(2)(b). All accidental fires shall be extinguished as soon as possible.

H. Record Keeping

The Permittee shall maintain and keep on file at the Milford, Utah main office building, a daily operating record and other general records of landfill operation as required by UAC R315-302-2(3). The landfill operator, or other designated personnel, shall date and sign the daily operating record at the end of each operating day. Each record to be kept shall contain the signature of the appropriate operator or personnel and the date signed.

1. The daily operating record shall include the following items:

   a. The number of loads of waste and the weights or estimates of weights or volume of waste received each day of operation and recorded at the end of each operating day;

b. Major deviations from the approved plan of operation recorded at the end of the operating day the deviation occurred;

c. Results of other monitoring required by this Permit recorded in the operating record on the day of the event or the day the information is received;

d. Records of all inspections conducted by the Permittee, results of the inspections, and corrective actions taken shall be recorded in the record on the day of the event;

2. The general record of landfill operations shall include the following items:

a. A copy of the Permit including the Permit Application;

b. Results of inspections conducted by representatives of the Utah Solid and Hazardous Waste Control Board and/or representatives of the Southwest Utah Public Health Department, when forwarded to the Permittee;

c. Closure and Post-closure care plans; and

d. Records of employee training; and

e. Results of groundwater monitoring.

I. Reporting

The Permittee shall prepare and submit, to the Executive Secretary, an Annual Report as required in UAC R315-302-2(4). The Annual Report shall include: the period covered by the report, the annual quantity of waste received, an annual update of the financial assurance mechanism, all ground water monitoring results, the statistical analysis of ground water monitoring results, and all training programs completed.

J. Self Inspections

The Permittee shall inspect the facility to prevent malfunctions and deterioration, operator errors, and discharges that may cause or lead to the release of wastes or contaminated materials to the environment or create a threat to human health or the environment. These general inspections shall be completed no less than quarterly and shall cover the following areas: Waste placement and cover, fences

and access controls, roads, run-on/run-off controls, ground water monitoring wells, final and intermediate cover, litter controls, and records. A record of the inspections shall be placed in the daily operating record on the day of the inspection. Areas needing correction, as noted on the inspection report, shall be corrected in a timely manner. The corrective actions taken shall be documented in the daily operating record.

K. Training

Permittee shall provide training for on-site personnel in landfill operation, including waste load inspection, hazardous waste identification, and personal safety and protection.

IV. CLOSURE REQUIREMENTS

A. Closure

The Permittee shall close and maintain the facility in accordance with the closure and post-closure plans included in the Permit Application and as required by R315-305-5(5) UAC.

B. Title Recording

The Permittee shall meet the requirements of UAC R315-302-2(6) by recording with the Iron County Recorder as part of the record of title that the property has been used as a landfill. The recording shall including waste disposal locations and types of waste disposed.

C. Post-Closure Care

Post-closure care at the closed landfill shall be done in accordance with the Post-Closure Care Plan contained in the Permit Application. Post-closure care shall continue until all waste disposal sites at the landfill have stabilized and the finding of UAC R315-302-3(7)(c) is made.

D. Financial Assurance

The Permittee/s shall keep in effect and active the Letter of Credit currently approved or another approved mechanism that meets the requirements of UAC R315-309 to cover the costs of closure and post-closure care at the landfill. The financial assurance mechanism(s) shall be adequately maintained to provide for

the cost of closure and post-closure care at any stage or phase or anytime during the life of the landfill or the permit life, whichever is shorter.

E. Financial Assurance Annual Update

An annual revision of closure and post-closure costs for inflation and financial assurance funding as required by R315-309-2(2), shall be submitted to the Executive Secretary as part of the annual report.

F. Closure Cost and Post-Closure Cost Revision

The Permittee shall submit a complete revision of the closure and post-closure cost estimates by the Closure Cost Revision Date listed on the signature page of this Permit, any time the facility is expanded, any time a new cell is constructed, or any time a cell is expanded.

V. ADMINISTRATIVE REQUIREMENTS

A. Transfers

This Permit may be transferred to a new permittee or new permittees by meeting the requirements of the Permit Transfer provision specified in UAC R315-310-11.

B. Permit Modifications

Modifications to this Permit may be made upon application by the Permittee or by the Executive Secretary. The Permittee shall be given written notice of any permit modification initiated by the Executive Secretary.

C. Expiration

Application for permit renewal shall be made at least six months prior to the expiration date, as shown on the signature (cover) page of this Permit. If a timely renewal application is made and the permit renewal is not complete by the expiration date, this Permit shall continue in force until renewal is completed or denied.

D. Expansion

This Permit is for the operation of a Class IIIb Landfill according to the design and Operation Plan described and explained in the Permit Application. Any

expansion of the current footprint designated in the description contained in the Permit Application, but within the property boundaries designated in the Permit Application, shall require submittal of plans and specifications to the Executive Secretary. The plans and specifications shall be approved by the Executive Secretary prior to construction.

Any expansion of the landfill facility beyond the property boundaries designated in the description contained in the Permit Application shall require submittal of a new Permit Application in accordance with the requirements of UAC R315-310.

Any addition to the list of acceptable waste in Section IE shall require submittal of all necessary information to the Executive Secretary and the approval of the Executive Secretary.

E. Status Notification

Eighteen months from the date of this Permit the Executive Secretary shall be notified in writing of the status of the construction of this facility unless construction is complete and operation has commenced. If construction has not begun within 18 months the Permittee shall submit adequate justification to the Executive Secretary as to the reasons that construction has not commenced. If no submission is made or the submission is judged inadequate by the Executive Secretary, this Permit shall be revoked

F. Construction Approval and Request to Operate

The Permittee shall meet each of the following conditions prior to receipt of waste:

1. The Permittee shall notify the Executive Secretary, prior to acceptance of waste, that all the requirements of this Permit have been met and all required facilities, structures and accounts are in place as required.

2. The Permittee shall submit to the Executive Secretary, for approval, documentation that all local zoning requirements and local government approvals have been obtained for operation of this landfill.

3. The Permittee shall obtain from the Executive Secretary written approval, prior to receipt of waste, that all information required by this section has been submitted and the information meets the requirements of this Permit and R315-301 through 320.