

**DIVISION OF SOLID AND HAZARDOUS WASTE
CLASS I / IVa SOLID WASTE PERMIT**

Uintah County Municipal Class I and IVa LANDFILL

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

Uintah County as owner and as operator
(Permittee)

to own, construct and operate the Uintah County Municipal Class I and IVa Landfill located in the southeast quarter of the southwest quarter of Section 17, Township 4 south, Range 22 east, Salt Lake Base and Meridian, Uintah County, Utah as shown in the Permit Renewal Application that was determined complete on January 15, 2015; tracking numbers DSHW-2014-010759; DSHW-2015-001144, and DSHW-2015-001677.

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

All references to R315-301 through 320 of the Utah Administrative Code are to regulations that are in effect on the date that this permit becomes effective.

This Permit shall become effective _____

This Permit shall expire at midnight _____

Closure Cost Revision Date: _____

Signed this _____ day of _____, 2015.

Scott T. Anderson, Director
Division of Solid and Hazardous Waste

FACILITY OWNER/OPERATOR INFORMATION

LANDFILL NAME: Uintah County Class I and IVa Landfill

OWNER NAME: Uintah County

OWNER ADDRESS: 2801 East 500 North, Vernal, Utah 84078

OWNER PHONE NO.: (435) 789-6018

OPERATOR NAME: Uintah County

OPERATOR ADDRESS: 152 East 100 North, Vernal, Utah 84078

OPERATOR PHONE NO.: (435) 789-6018

TYPE OF PERMIT: Class I and IVa Landfill

PERMIT NUMBER: 9516R1

LOCATION: The landfill is located in Township 4 south, Range 22 east, Section 17, SLMB Uintah County, Lat. 40° 27' 54", Long. 109° 28' 20". The address of the facility is 2801 East 500 North, Vernal, Utah.

PERMIT HISTORY Permit renewal signed *insert date signed*

The term "Permit" as used in this document is defined in R315-301-2(55) of the Utah Administrative Code. "Director" as used throughout this permit refers to the Director of the Division of Solid and Hazardous Waste.

The renewal application for the Uintah County Municipal Landfill Class I / IVa Landfill Permit dated August 2014, Document # DSHW-2014-010759, was deemed complete on the date shown on the signature page of this Permit. All representations made in the attachments are part of this Permit and are enforceable under R315-301-5(2) of the Utah Administrative Code. Where differences in wording exist between this Permit and the Attachments, the wording of this Permit supersedes that of the Attachments.

This Permit consists of the signature page, Facility Owner/Operator Information Section, Sections I through V and all attachments to this Permit.

The landfill facility described in this Permit consists of Class I disposal cells, Class IVa disposal cells and dead animal disposal cells.

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 operation of the landfill.

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. This Permit does not authorize any injury to private property or any invasion of personal rights, or 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.

By this Permit, the Permittee is subject to the following conditions.

I. GENERAL COMPLIANCE RESPONSIBILITIES

A. General Operation

The Permittee shall operate the landfill in accordance with all applicable requirements of R315-301 through 320 of the Utah Administrative Code for a Class I and IVa Landfill 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 Utah Code Ann. § 19-6-101 through 125 and applicable portions of R315-301 through 320 of the Utah Administrative Code constitutes a violation of the Permit or applicable statute or rule and is grounds for appropriate enforcement action, permit revocation, modification or denial of a permit renewal application.

B. Acceptable Waste

The Permittee may dispose of the following wastes:

1. Municipal solid waste as defined by R315-301-2(47) of the Utah Administrative Code;
2. Commercial waste as defined by R315-302-2(14) of the Utah Administrative Code;
3. Industrial waste as defined by R315-302-2(35) of the Utah Administrative Code;
4. Construction/demolition waste as defined by R315-302-2(17) of the Utah Administrative Code;
5. Dead animals as defined by R315-315-6 of the Utah Administrative Code;
6. Special waste as allowed by R315-315 of the Utah Administrative Code and authorized in Section III-I of this Permit and limited by this section;
7. Conditionally exempt small quantity generator hazardous waste as specified in R315-303-4(7)(a)(i)(B) of the Utah Administrative Code; and
8. PCBs as specified in R315-315-7(2) of the Utah Administrative Code.
9. Asbestos-containing material in compliance with R315-315-2 of the Utah Administrative Code.

C. Prohibited Waste

The Permittee is prohibited from accepting the following wastes:

1. Except as allowed in Condition I-B.6 above, all hazardous waste as defined by R315-1 and R315-2 of the Utah Administrative Code including the following:
 - a. hazardous waste;
 - b. toxic waste and pathological/infectious waste;
 - c. liquid waste (including paints, septage and sump wastes);
 - d. chemical wastes;
 - e. white goods containing chlorofluorocarbons (CFCs);
 - f. gas cylinders;
 - g. batteries; and
 - h. tires.
2. 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; or
3. PCBs as defined by R315-301-2 of the Utah Administrative Code, except as allowed in Section I-B (Acceptable Waste) of this Permit.

Any prohibited waste received and accepted for treatment, storage or disposal at the facility shall constitute a violation of this Permit, of Utah Code Ann. § 19-6-101 through 125 and of R315-301 through 320 of the Utah Administrative Code.

D. Inspections and Inspection Access

The Permittee shall allow the Director or an authorized representative of the Director or representatives from the TriCounty 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 R315-301 through 320 of the Utah Administrative Code;
2. Have access to and copy any records required to be kept under the terms and conditions of this Permit or R315-301 through 320 of the Utah Administrative Code;
3. Inspect incoming waste loads as outlined in Attachment 6; and
4. Create a record of any inspection by photographic, video, electronic, or any other reasonable means.

E. Noncompliance

If monitoring, inspection or testing indicates that any permit condition or any applicable rule under R315-301 through 320 of the Utah Administrative Code 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 noncompliance with any permit condition or violation of an applicable rule, the Permittee shall promptly take all 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:

1. Document the noncompliance or violation in the daily operating record on the day the event occurred or the day it was discovered;
2. Notify the Director by telephone within 24 hours or the next business day following documentation of the event; and
3. Provide written notice of the noncompliance or violation and a description of measures taken to protect human health and the environment within seven days after notification of the Director.

Within 30 days after documenting the event, the Permittee shall submit to the Director a written report describing the nature and extent of the noncompliance or violation and a complete description of all of the remedial measures taken or to be taken to protect human health and the environment and to eliminate the noncompliance or violation. Upon receipt and review of the assessment report, the Director may order the Permittee to perform additional appropriate remedial measures including development of a site remediation plan for approval by the Director.

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 R315-301 through 320 of the Utah Administrative Code and this Permit.

F. Revocation

This Permit is subject to revocation if the Permittee fails to comply with any condition of the Permit. The Director shall notify the Permittee in writing prior to any proposed revocation action and such action shall be subject to all applicable hearing procedures established under R305-7 of the Utah Administrative Code and the Utah Administrative Procedures Act.

G. Attachment Incorporation

Attachments to this Permit 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. Design and Construction

The Permittee shall construct any landfill cell, sub-cell, run-on diversion system, runoff containment system, waste treatment facility, leachate handling system or final cover in accordance with the design submitted in accordance with the R315-301 thru 320 of the Utah Administrative Code and Attachment 1.

B. Run-On and Run-Off Control

The Permittee shall construct drainage channels and diversions as specified in the Permit Application and shall maintain them at all times to effectively prevent run-off from the surrounding area from entering the landfill.

C. Alternative Design

The Permittee has demonstrated through geologic, hydrogeologic, climatic, waste stream information and other factors that the landfill will not contaminate ground water and is approved for the alternative design as outlined in the Permit Application. Any contamination of ground water resulting from operation of the landfill may result in the revocation of this alternative design approval.

III. LANDFILL OPERATION

A. Operations Plan

The Permittee shall keep the Operations Plan included in the Attachment 2 on site at the landfill or at the location designated in Section III-H of this Permit. The Permittee shall operate the landfill 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 R315-301 through 320 of the Utah Administrative Code and is as protective of human health and the environment as the Operations Plan approved as part of this Permit and is approved by the Director as a minor modification under R315-311-2(1)(a) of the Utah Administrative Code. The Permittee shall note any modification to the Operations Plan in the daily operating record.

B. Security

The Permittee shall operate the Landfill so that unauthorized entry to the facility is restricted. The Permittee shall:

1. Lock all facility gates and other access routes during the time the landfill is closed;

2. Have at least one person employed by the Permittee at the landfill during all hours that the landfill is open; and
3. Construct all fencing and any other access controls as shown in Attachment 3 to prevent access by persons or livestock by other routes.

C. Training

The Permittee shall provide training for all onsite personnel in landfill operation, including waste load inspection, hazardous waste identification and personal safety and protection. Training shall be conducted as outlined in the Section 5 of the Operations Plan in Attachment 2.

D. Burning of Waste

Intentional burning of solid waste is prohibited and is a violation of R315-303-4(2)(b) of the Utah Administrative Code.

The Permittee shall extinguish all accidental fires as soon as possible and immediately take all necessary steps to ensure protection of human health and the environment.

E. Daily Cover

The Permittee shall completely cover the solid waste received at the landfill at the end of each working day with a minimum of six inches of earthen material. The Permittee may use an alternative daily cover material when the material and the application of the alternative daily cover meets the requirements of R315-303-4(4)(b) through (e) of the Utah Administrative Code.

F. Ground Water Monitoring

The ground water monitoring requirement for the Uintah County Class I and IVa Landfill has been waived in accordance with R315-308-1(3) of the Utah Administrative Code as included in Attachment 4.

G. Gas Monitoring

The Permittee shall monitor explosive gases at the landfill in accordance with the Gas Monitoring Plan contained in Attachment 5 and shall otherwise meet the requirements of R315-303-3(5) of the Utah Administrative Code.

If the concentrations of explosive gases at any of the facility structures, at the property boundary or beyond the property boundary exceed the standards set in R315-303-2(2)(a) of the Utah Administrative Code, the Permittee shall:

1. Immediately take all necessary steps to ensure protection of human health and notify the Director;

2. Within seven days of detection, place in the daily operating record the explosive gas levels detected and a description of the immediate steps taken to protect human health; no monitoring = no detection. ??
3. Implement a remediation plan that meets the requirements of R315-303-3(5)(b) of the Utah Administrative Code; and
4. Submit the plan to, and receive approval from, the Director prior to implementation.

H. 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 as outlined in Attachment 6. The Permittee shall conduct a complete waste inspection at a minimum frequency of 1 % of incoming loads, but no less than one complete inspection per day. Loads to be inspected shall be selected on a random basis.

The Permittee shall inspect all loads suspected or known to have one or more containers capable of holding more than five gallons of liquid to ensure that each container is empty.

The Permittee shall inspect all loads suspected to contain a waste not allowed for disposal at the landfill.

The Permittee shall conduct the daily complete random inspections as follows:

1. The Permittee shall conduct the random waste inspection at the working face or an area designated by the Permittee for load inspections;
2. The Permittee shall direct that loads subjected to complete inspection be unloaded at the designated area;
3. Loads shall be spread by equipment or by hand tools;
4. Personnel trained in hazardous waste recognition and recognition of other unacceptable waste shall conduct a visual inspection of the waste;
5. The personnel conducting the inspection shall record the results of the inspection on the waste inspection form in Attachment 6. The Permittee shall place the form in the daily operating record at the end of the operating day; and
6. The Permittee shall properly dispose of any waste not acceptable at the facility at an approved disposal site for the waste type and handle the waste according to the rules covering the waste type.

I. Disposal of Special Wastes

If a load of incinerator ash is accepted for disposal, the Permittee shall transport it to the place of disposal in such a manner as to prevent leakage or the release of fugitive dust. The Permittee shall completely cover the ash with a minimum of six inches of material or

use other methods or material, as necessary, to control fugitive dust. The Permittee may use ash for daily cover when its use does not create a human health or environmental hazard.

The Permittee may dispose of animal carcasses at the landfill working face and shall cover them with other solid waste or earth by the end of each operating day. Alternatively, the Permittee may dispose of animal carcasses in a special trench or pit prepared for the acceptance of dead animals. If a special trench is used, the Permittee shall cover animals placed in the trench with six inches of earth by the end of each operating day.

The Permittee shall handle and dispose of asbestos waste in accordance with R315-315-2 of the Utah Administrative Code.

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. The Permittee shall complete these general inspections no less than quarterly and shall cover the following areas: Waste placement, compaction, cover, cell liner; leachate systems, fences and access controls, roads, run-on/run-off controls, ground water monitoring wells, final and intermediate cover; litter controls and records.

The Permittee shall place a record of the inspections in the daily operating record on the day of the inspection. The Permittee shall correct the problems identified in the inspections in a timely manner and document the corrective actions in the daily operating record.

K. Recordkeeping

The Permittee shall maintain and keep on file at Uintah County offices, a daily operating record and other general records of landfill operation as required by R315-302-2(3) of the Utah Administrative Code. The landfill operator or other designated personnel shall date and sign the daily operating record at the end of each operating day. Each record shall contain the signature of the appropriate operator or personnel and the date signed. The daily operating record shall consist of the following two types of documents:

1. Records related to the daily landfill operations or periodic events including:
 - a. The number of loads of waste and the weight or estimates of weights or volume of waste received and recorded at the end of each operating day;
 - b. Major deviations from the approved plan of operation, recorded the day the deviation occurred;
 - c. Results of monitoring required by this Permit, recorded in the daily operating record on the day of the event or the day the information is received; and
 - d. Records of all inspections conducted by the Permittee including the results of the inspections and any corrective actions required or taken.

2. Records of a general nature including:
 - a. A copy of this Permit, including all attachments;
 - b. Results of inspections conducted by representatives of the Director or representatives of the local Health Department, when forwarded to the Permittee;
 - c. Closure and post-closure care plans; and
 - d. Records of employee training.

L. Reporting

The Permittee shall prepare and submit to the Director an Annual Report as required by R315-302-2(4) of the Utah Administrative Code. 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, a re-application for approval of the financial assurance mechanism, any leachate analysis results, all ground water monitoring results, the statistical analysis of ground water monitoring results, the results of gas monitoring, the quantity of leachate pumped and all training programs completed.

M. Roads

The Permittee shall improve and maintain all access roads within the landfill boundary that are used for transporting waste to the landfill for disposal. The roads shall be improved and maintained as necessary to ensure safe and reliable all-weather access to the disposal area.

N. Litter Control

Litter resulting from all operations of the landfill shall be minimized. The Permittee shall implement the following procedures when high wind conditions are present in addition to the litter control plans found in Attachment 8:

1. Reduce the size of the tipping face;
2. Reduce the number of vehicles allowed to discharge at the tipping face at one time;
3. Orient vehicles to reduce wind effects on unloading and waste compaction;
4. Reconfigure tipping face to reduce wind effect;
5. Use portable and permanent wind fencing as needed; and
6. Should high winds present a situation in which the windblown litter cannot be controlled, cease operations of the landfill until the winds diminish.

IV. CLOSURE REQUIREMENTS

A. Closure

The Permittee shall install final cover of the landfill as shown in the Attachment 9. The final cover shall meet, at a minimum, the standard design for closure as specified in the R315-303-3(4) of the Utah Administrative Code plus sufficient cover soil or equivalent material to protect the low permeability layer from the effects of frost, desiccation, and root penetration. The Permittee shall submit to the Director a quality assurance plan for construction of the final landfill cover and approval of the plan shall be received from the Director prior to construction of any part of the final cover at the landfill. A qualified person not affiliated with the Permittee or the construction contractor shall perform permeability testing on the recompacted clay placed as part of the final cover.

B. Title Recording

The Permittee shall meet the requirements of R315-302-2(6) of the Utah Administrative Code by recording a notice with the Uintah County Recorder as part of the record of title that the property has been used as a landfill. The notice shall include waste disposal locations and types of waste disposed. The Permittee shall provide the Director with a copy of the recorded notice.

C. Post-Closure Care

The Permittee shall perform post-closure care at the closed landfill in accordance with the Post-Closure Care Plan in Attachment 9. Post-closure care shall continue until all waste disposal sites at the landfill have been stabilized and the finding of R315-302-3(7)(c) of the Utah Administrative Code has been made.

D. Financial Assurance

The Permittee shall adequately fund and maintain the currently approved financial assurance mechanism(s) to provide for the cost of closure and post-closure at anytime during the life of the landfill. The Permittee shall keep the approved financial assurance mechanism funded unless an alternative mechanism is approved or the Permittee is released from financial assurance requirements in accordance with the provisions of R315-309-11 of the Utah Administrative Code.

The Permittee shall notify the Director of the establishment of the approved financial assurance mechanism and shall receive acknowledgment from the Director that the established mechanism complies with the approved method.

E. Financial Assurance Annual Update

The Permittee shall submit an annual revision of closure and post-closure costs for inflation and financial assurance funding to the Director as part of the annual report as required by R315-309-2(2) of the Utah Administrative Code.

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 and any time the facility is expanded, any time a new cell is constructed or any time a cell is expanded.

V. ADMINISTRATIVE REQUIREMENTS

A. Permit Modification

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

B. Permit Transfer

This Permit may be transferred to a new permittee or new permittees by complying with the permit transfer provisions specified in R315-310-11 of the Utah Administrative Code.

C. Expansion

This Permit is for a Class I and IVa Landfill. The permitted landfill shall operate according to the design and Operation Plan described and explained in this Permit. Any expansion of the current footprint designated in the description contained in Attachment 1, but within the property boundaries designated in Attachment 1, shall require submittal of plans and specifications to the Director. The plans and specifications shall be approved by the Director prior to construction.

Any expansion of the landfill facility beyond the property boundaries designated in the description contained in Attachment 1 shall require submittal of a new permit application in accordance with the requirements of R315-311-2 and R315-310 of the Utah Administrative Code.

Any addition to the acceptable wastes described in Section I-B shall require submittal of all necessary information to the Director and the approval of the Director.

D. Expiration

If the Permittee desires to continue operating this landfill after the expiration date of this Permit, the Permittee shall submit an application for permit renewal at least six months prior to the expiration date as shown on the signature (cover) page of this Permit. If the Permittee submits a timely permit renewal application and the permit renewal is not complete by the expiration date, this Permit shall continue in force until renewal is completed or denied.

Applicable Attachments

Attachment 1 - Landfill Design and Construction Plans

Attachment 2 - Operations Plan

Attachment 3 - Security

Attachment 4 - Groundwater Monitoring

Attachment 5 - Gas Monitoring

Attachment 6 - Inspections

Attachment 7 - Recordkeeping

Attachment 8 - Litter Control

Attachment 9 - Closure and Post-Closure