

**UTAH SOLID AND HAZARDOUS WASTE CONTROL BOARD  
SOLID WASTE PERMIT**

**CLASS I LANDFILL**

Pursuant to the provisions of the *Utah Solid and Hazardous Waste Act*, Title 19, Chapter 6, 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,

**San Juan County**

is hereby authorized to operate the San Juan County Landfill located in portions of Sections 3, 4, 9, and 10, Township 39 South, Range 22 East, Salt Lake Base and Meridian, San Juan County, Utah as shown in the permit application dated June 1999 and amended January 2000.

The operation of the landfill is subject to the condition that San Juan County (Permittee) meet 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. If changes are made in UAC R315-301 through 320 that affect the operation or activities at the landfill, the changes shall become effective on the landfill 180 days following the effective date of the rule or upon a compliance schedule as established for the landfill by the Executive Secretary.

This permit shall become effective August 1, 2000.

This permit shall expire at midnight July 31, 2005.

Signed this 1st day of August, 2000.

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Dennis R. Downs, Executive Secretary  
Utah Solid and Hazardous Waste Control Board

## PERMIT REQUIREMENTS

NAME: San Juan Class I Landfill

ADDRESS: San Juan County  
117 South Main Street  
Monticello, Utah 84535  
Phone: 435-587-3225

TYPE OF PERMIT: Class I Landfill

PERMIT NUMBER: 9305R

LOCATION: Landfill site is located in Township 39 South, Range 22 East, partial Sections 3,4,9, and 10, SLMB; San Juan County, Lat. 37° 25' 30", Long. 109° 28' 30"

Permit as used in this document is defined in Utah Administrative Code (UAC) R315-301-2(54).

The application as deemed complete on May 3, 2000, is hereby approved and is incorporated by reference into this Solid Waste Permit. All representations made in the permit application are part of this permit and are enforceable under UAC 315-301-5(2). The permit application will become part of the operating record of the Landfill. Where differences in wording exist between this permit and the application, the wording of the permit supersedes that of the application.

By this permit to operate, the Permittee is subject to the following conditions.

### I. GENERAL COMPLIANCE RESPONSIBILITIES

#### A. General Operation

The Permittee shall operate the municipal landfill in accordance with all applicable requirements of UAC R315-302 and 303, for a Class I landfill, that are currently effective unless otherwise noted in this permit. Any permit noncompliance or other noncompliance constitutes a violation of UAC R315-302 or 303 and is grounds for appropriate enforcement action, permit termination, modification, or denial of a permit renewal application.

B. Acceptable Waste

This permit is for the disposal of nonhazardous solid waste which may include, municipal solid waste, commercial waste, industrial waste, construction/demolition waste, and special waste.

C. Prohibited Waste

No hazardous waste as defined by UAC R315-1 and R315-2, except waste specified by UAC R315-303-4(7)(a)(i)(B); or PCB's as defined by UAC R315-301(52), except those specified by UAC R315-315-7(2), may be accepted for treatment, storage, or disposal at the landfill. Any prohibited waste received and accepted for treatment, storage, or disposal at the facility will constitute a violation of this permit and UAC R315-303-4(7).

D. Inspections and Inspection Access

The Permittee shall allow the Executive Secretary of the Utah Solid and Hazardous Waste Control Board or an authorized representative, including representatives from the Southeastern Utah District 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 the Permit or UAC R315-301 through 320;
3. Inspect any loads of waste, treatment, pollution management, or control facilities required under the Permit or regulated under UAC R315-301 through 320; and
4. Obtain a record of any inspection by photographic, videotape, electronic, or other reasonable means.

E. Noncompliance

1. 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; notify the Executive Secretary of the Solid and Hazardous Waste Control Board within 24 hours, or the next business day following the event; and give written notice of the noncompliance or violation and measures taken to protect public health and the environment within seven days. Within thirty days of the occurrence of the event, 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 receipt and 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.

2. It shall not constitute a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
3. Compliance with the terms of 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.
4. 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 nor does it 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.
5. The provisions of this Permit are severable. If any provision of this Permit shall be 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.

F. Revocation

1. This permit is subject to revocation if any condition of the permit is not being met. The Permittee will be notified in writing prior to any proposed revocation action and such action will be subject to all applicable hearing procedures established under UAC R315-12 and the *Utah Administrative Procedures Act*.
2. Revocation of this permit does not revoke the financial assurance established for closure and post-closure care of the facility, nor remove any responsibility for completion of closure and post-closure care for the facility required in UAC R315-302-3.

G. Application Revision

The application and changes made in the responses to Notices of Deficiency shall be organized into a single, comprehensive reference document and submitted to the Executive Secretary no later than 90 days from the effective date of this permit.

II. DESIGN AND CONSTRUCTION

A. Design and Construction

1. The Permittee shall construct the landfill cells, run-on and run-off diversion systems, and the final cover in accordance with the plans presented in the permit application and the Utah Solid Waste Permitting and Management Rules (UAC R315-301 thru 320). If ground water is encountered during excavation of the landfill, the Executive Secretary shall be notified immediately, and a contingency plan implemented or alternative construction design developed and submitted for approval.
2. 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.
3. The permittee shall notify the Executive Secretary of the completion of construction of any final cover system and shall receive approval of the construction by the Executive Secretary.

B. Run-On Control

Drainage channels and diversions shall be constructed as specified in the permit application and maintained at all times to effectively prevent runoff from the surrounding area from entering the landfill.

C. Quality Assurance Construction Plan

1. A quality assurance plan for construction of the final landfill cover shall be submitted by the Permittee and approved by the Executive Secretary prior to construction of any part of the liner system or final cover at the landfill.
2. A qualified third party shall perform permeability testing on the clay liner and compacted clay layer of the final cover, and other testing as required by the approved Quality Assurance Plan. The results must be submitted as part on the as-built drawings to the Executive Secretary.

III. LANDFILL OPERATION

A. Operations Plan

The Operations Plan included in the permit application shall be kept on-site at the landfill. The landfill shall be operated in accordance with the operations plan as included in the permit application.

B. Security

The Permittee shall operate the Landfill in a manner such that unauthorized entry to the facility is prevented. The front gate shall be locked during the time the landfill is not open. At least one on site persons, employed by the San Juan County, shall be at the landfill during all hours that the landfill is open. Fencing and/or any other access controls as shown in the permit application shall be constructed to prevent access of persons or livestock by other routes.

C. Training

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

D. Burning of Waste

Intentional burning of solid waste is prohibited and is a violation of UAC R315-303-4(2)(b). Burning of material when meeting the requirements of UAC R307-202-5 is allowed in a segregated area within the landfill site. All accidental fires shall be extinguished as soon as reasonably possible.

E. Daily Cover

The solid waste received at the landfill shall be completely covered at the end of each working day with a minimum of six inches of earthen material. Alternative cover material may be used if approved by the Executive Secretary. List any alternative daily covers approved.

F. Ground Water Monitoring

This facility has demonstrated through geologic, hydrogeologic, climatic 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 will result in the revocation of this alternative design approval.

G. Gas Monitoring

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

If the concentrations of explosive gases at any of the facility structures, at the property boundary or beyond, ever exceed the standards set in UAC R315-303-2(2)(a), the Permittee shall immediately take all necessary steps to ensure protection of human health and notify the Executive Secretary. Within seven days of detection, place in the operating record the explosive gas levels detected and a description of the immediate steps taken to protect human health. Implementation of a remediation plan shall meet the requirements as stated in UAC R315-303-3(5)(b) and shall be submitted and approved by the Executive Secretary 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. At the

frequency defined in the permit application, the Permittee shall conduct a complete waste inspection.

I. Disposal of Liquids

Disposal of containers of liquids larger than household size (five gallons), noncontainerized material containing free liquids, sludge containing free liquids, or any waste containing free liquids in containers larger than five gallons is prohibited.

J. Disposal of Special Wastes

Animal carcasses may be disposed at the bottom of the landfill working face and must be covered with other solid waste or earth by the end of the working day they are received or they may be disposed in a special trench or pit prepared for the acceptance of dead animals. If a special trench is used, animals placed in the trench shall be covered with a minimum of six inches of earth by the end of each working day.

Asbestos waste shall be handled and disposed in accordance with UAC-315-315-2.

Ash shall be transported in such a manner to prevent leakage or the release of fugitive dust. The ash shall be completely covered with a minimum of six inches of material, or use other methods or material, if necessary, to control fugitive dust. Ash may be used for daily cover when its use does not create human health and environmental hazard.

K. Self Inspections

The Permittee shall inspect the facility to prevent malfunctions and deterioration, operator errors, and discharges which may cause or lead to the release of wastes or contaminated materials to the environment or create a threat to human health. These general inspections shall be completed no less than quarterly. A record of the inspections shall be maintained in the operating record.

L. Recordkeeping

The Permittee shall maintain and keep on file at the landfill office, an operating record as required by UAC R315-302-2(3). The operating record shall include the following items:

1. A copy of the permit including the permit application;

2. The number of loads of waste and the weights or estimates of weights of waste received each day of operation;
3. Major deviations from the approved plan of operation;
4. Results of other monitoring required by this permit;
5. Records of employee training;
6. Records of all inspections conducted by the Permittee;
7. Results of inspections conducted by representatives of the Utah Solid and Hazardous Waste Control Board and representatives of the Southeastern District Health Department, when forwarded to the permittee; and
8. Closure and Post-closure care plans.
9. Results of landfill gas monitoring;

M. Reporting

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

N. 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 assure safe and reliable all-weather access to the disposal area.

IV. CLOSURE REQUIREMENTS

A. Closure

Final cover of the landfill shall be as shown in the permit application. The final cover shall meet at a minimum the standard design for closure as specified in the UAC (R315-303-3(4)) plus sufficient cover soil or equivalent material to protect the low permeability layer from the effects of frost, desiccation, and root penetration. A quality assurance plan for construction of the final landfill cover

shall be submitted by the Permittee and approved by the Executive Secretary prior to construction of any part of the final cover at the landfill. A qualified third party shall perform permeability testing on the recompacted clay placed as part of the final cover. The Permittee shall also meet the requirements of UAC R315-302-2(6) by recording with the San Juan County Recorder as part of the record of title that the property has been used as a landfill.

B. Post-Closure Care

The post-closure care at the closed landfill shall be done in accordance with the Post-Closure Care Plan contained in the permit application for a period of 30 years or until the Executive Secretary finds that the closed landfill has become stabilized and the conditions of UAC R315-302-3(7)(b) or (c) have been met.

C. Financial Assurance

1. A financial assurance mechanism covering closure and post-closure care costs shall be proposed by the Permittee and approved by the Executive Secretary. The approved mechanism shall be established by the Permittee prior to receipt of waste. An annual revision of closure costs and financial assurance funding shall be submitted to the Executive Secretary as part of the annual report. The financial assurance fund shall be adequately funded to provide for the cost of closure at any stage or phase or anytime during the life of the landfill and must be fully funded within five years from the effective date of this permit applications.
2. The permittee shall notify the Executive Secretary of the establishment of the approved financial assurance mechanism and must receive acknowledgment from the Executive Secretary that the established mechanism complies with the approved method.

V. ADMINISTRATIVE REQUIREMENTS

A. Permit Modification

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

B. Permit Transfer

This permit may be transferred to a new Permittee by meeting the requirements of the permit transfer provisions of UAC R315-310-9.

C. Expansion

1. This permit is for the operation of a Class I 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 will require submittal of plans and specifications to the Executive Secretary. The plans and specifications must be approved by the Executive Secretary prior to construction.
2. Any expansion of the landfill facility beyond the property boundaries designated in the description contained in the permit application will require submittal of a new permit application in accordance with the requirements of UAC R315-310.

D. Expiration

This permit shall expire five years from the effective date which is the date shown on the signature (first) page of this permit. Application for permit renewal shall be made at least 180 days prior to the expiration of this permit. If a timely renewal application is made and the permit renewal is not complete by the expiration date, this permit will continue in force until renewal is completed or denied.

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 will 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 will be revoked