State of Utah

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Lieutenant Governor

Department of
Environmental Quality

Amanda Smith
Acting Executive Director

DIVISION OF SOLID AND
HAZARDOUS WASTE
Dennis R. Downs
Director

FILE COPY

June 24, 2009

Scott Roberts, Controller
HADCO
P.O. Box 437
Lehi, Utah 84043

Subject: Class IVb Permit for HADCO Landfill, Utah County

Dear Mr. Roberts:

Enclosed is the Permit to continue to operate the Class IVb landfill located at 2600 North 600 East, Lehi, Utah County. The permit expires on the date shown on the cover sheet. If renewal is desired, you must apply 180 days prior to the permit expiration date.

The public comment period on both the permit application and draft permit began May 11, 2009 and ended June 11, 2009. No comments were received.

Periodic inspections at the facility will be conducted. Personnel from the Division of Solid and Hazardous Waste and/or the Utah County Health Department will inspect the facility to assess compliance with the conditions of the permit and the applicable portions of the Solid Waste Rules.

If you have questions or need further information, please contact Matt Sullivan or Ralph Bohn at (801) 538-6170.

Sincerely,

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

DRD/MS/kk

Enclosure: Class IVb Permit

c: Joseph K. Miner, M.D., M.S.P.H., Director, Utah County Health Department

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UTAH SOLID AND HAZARDOUS WASTE CONTROL BOARD
SOLID WASTE PERMIT RENEWAL

HADCO CLASS IVb 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,

HADCO
as owner and operator

is hereby approved to operate the HADCO Class IVb landfill located in Section 4, Township 5 South, Range 1 East, Salt Lake Base and Meridian, Utah County, Utah as shown in the permit renewal application that was determined complete on February 9, 2009.

The operation of the landfill is subject to the conditions that HADCO (Permittee) meet 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: July 1, 2009

Expiration date: June 30, 2019

Closure Cost Revision Date: July 1, 2014

Signed this 24 day of June, 2009.

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

FACILITY OWNER/OPERATOR INFORMATION

LANDFILL NAME:	HADCO Class IVb Landfill
OWNER NAME:	HADCO
OWNER ADDRESS:	P.O. Box 437
OWNER PHONE NO.:	(801) 766-7611
TYPE OF PERMIT:	Class IVb Solid Waste Landfill
PERMIT NUMBER:	Permit number 9905R1
LOCATION:	Landfill site is located in the northeast 1/4 of Section 4, Township 5 South, Range 1 East, Section 1, SLMB; Utah County
FACILITY ADDRESS:	2600 North 600 East, Lehi, Utah

PERMIT REQUIREMENTS

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

The renewal application, including the revised Application for a Permit to Operate a Class IVb Landfill, received January 28, 2009, as deemed complete on February 9, 2009 is hereby approved and incorporated by reference into this Solid Waste Permit and will 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 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.

This permit consists of the cover page, Facility Owner/Operator Information, Sections I through V, and the permit application as defined above.

The facility as described in this permit and the permit application consists of a general disposal location that is fence-secured around the property perimeter.

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 IVb landfill in accordance with the conditions of this Permit and with all requirements of UAC R315-305 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 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. 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; notify the Executive Secretary of the Solid and Hazardous Waste Control Board by phone within 24 hours, or the next business day following documentation of the event; and give written notice of the noncompliance or violation and measures taken to protect public health and the environment within seven days of Executive Secretary notification.

Within thirty days of the documentation 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.

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 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 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 Utah County 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 facilities or processes, pollution management facilities or processes, or control facilities or processes required under the 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

No hazardous waste as defined by UAC R315-1 and R315-2; no PCB's as defined by UAC R315-301-2(53), except construction/demolition waste containing PCB's as specified by UAC R315-315-7(2)(a) and (c); no household waste, except waste resulting from the abatement, rehabilitation, renovation and remodeling of homes and other residences; no municipal waste; no special waste, except as specified in this permit; no commercial waste; no dead animals, and no industrial waste shall 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, of UCA 19-6-101 through 123 and of UAC R315-301 through 320.

No 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.

E. Acceptable Waste

This permit is for disposal of only non-hazardous construction/demolition waste, as defined in UAC R315-301-2(17); yard waste, as defined in UAC R315-301-2(87); inert waste, as defined in UAC R315-301-2(37); waste tires, when the requirements of UAC R315-320 are met, and petroleum contaminated soils as allowed in UAC R315-315-8(3) generated by HADCO.

F. Revocation

This permit is subject to revocation if any condition of this 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*.

Revocation of this permit does not revoke the financial assurance established for closure and post-closure care of the facility, nor remove any responsibility on the part of the Permittee for completion of closure and post-closure care for the facility required in UAC R315-302-3.

Revocation of this permit will necessitate that the Executive Secretary exercise the option to require the funds or other mechanism provided for financial

assurance for completion of closure and post-closure care for the facility required in UAC R315-302-3 be called.

G. Attachments 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 in the area designated and according to the design outlined 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 must be stamped and approved by a professional engineer with a current registration in Utah.

B. Run-On Control

Perimeter drainage channels and berms shall be constructed as specified in the permit application. These channels shall be regularly maintained at all times to effectively prevent run-off water, from the surrounding property, from entering the landfill and channeled into a meadow basin to the south-southeast of the landfill. The Permittee shall regularly inspect and maintain all flow channels, directing runoff into the meadow basin, for erosion and repairs at least quarterly and document it in the quarterly self inspection log or summery report as

referenced in this permit under Section III. Landfill Operation, Part I. Self Inspections.

III. LANDFILL OPERATION

A. Operations Plan

The Operations Plan included in the permit application and the solid waste permit issued by the Executive Secretary shall be kept onsite at the landfill or at the location designate in Section III. G. of this permit. The landfill shall be operated in accordance with the operations plan as included in the permit application. If necessary, the facility owner 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 must 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 prevented. All facility gates and other access routes shall be locked during the time the landfill is closed. Because it is only open when trucks bring debris loads, at least one HADCO employee shall be at the landfill during disposal times. Fencing and other security measures as shown in the permit application shall be constructed to prevent access of unauthorized 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 unless the permittee requests a change in writing to the Executive Secretary. Loads to be inspected are done on a random basis.

All loads suspected or known to have containers capable of holding more than five gallons of liquid will be inspected to assure that the container is empty.

All loads that the operator suspects may contain a waste not allowed for disposal at the landfill will 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 found in the permit application. The form shall be placed in the operating record at the end of operating day.

D. Cover

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 meets 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).

A minimum of six inches of earthen cover shall be provided no less than every 30 days for all other wastes received at the landfill. This cover must consist of soil, no alternative may be used.

Every 30 days, when soil cover is placed, the amount and the area receiving cover shall be recorded in the operating record and certified by the operator.

E. 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.

F. 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 possible.

G. Record Keeping

The Permittee shall maintain and keep on file at the HADCO main office 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 Utah County Health Department, when forwarded to the Permittee;

c. Closure and Post-closure care plans; and

d. Records of employee training;

H. 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, and all training programs completed.

I. 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, proper compaction, and cover; fences and access controls; roads; run-on/run-off controls; 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.

J. 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 Utah County Recorder as part of the record of title that the property has been used as a landfill. The recording shall including waste locations and waste types 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 has established the necessary financial assurance through providing an Irrevocable Letter of Credit (Zion's Bank No. ZSB800707) as required in R315-309-7 that provides for partial payments (draws) to third parties when instructed by the Executive Secretary, as provided in R315-309-3(1)(c).

The Permittee shall keep in effect and active the currently approved financial assurance mechanism or another mechanism that meets the requirements of UAC R315-309 to cover the costs of closure and post-closure care at the landfill until the Executive Secretary has released the facility from all post-closure care requirements.

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 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 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 will 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 will continue in force until renewal is completed or denied.

D. Expansion

This permit is for the operation of a Class IVb 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, 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.

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.

Any addition to the list of acceptable waste in Section IE will require submittal of all necessary information to the Executive Secretary and the approval of the Executive Secretary. Acceptance of any waste type not allowed by UAC R315-305-1 will require the permittee to submit a new permit application and meet all applicable requirements of UAC R315-310 including R315-310- 3(3).