



State of Utah

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Environmental Quality

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Executive Director

DIVISION OF SOLID AND
HAZARDOUS WASTE
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Executive Secretary

April 6, 2011

Issa Hamud, Environmental Director
Environmental Division
Logan City Corporation
450 North 1000 West
Logan, Utah 84321-3740

RE: Logan City Class IV Permit Approval

Dear Mr. Hamud:

The 30-day public comment period for the City of Logan Class IV Permit draft permit and permit application began February 25, 2011 and ended on March 28, 2011. The announcement of the public comment period appeared in the *Herald Journal* on Friday, February 25, 2011.

Enclosed is Permit 9902R1, which expires on April 15, 2021. A public notice of the permit issuance will appear in the *Herald Journal* at a later date.

Representatives of the Utah Solid and Hazardous Waste Control Board and representatives of the Bear River Health Department will conduct periodic inspections of the landfill to assess compliance with the conditions of the Permit and the Solid Waste Permitting and Management Rules.

If you have any questions, please contact Doug Taylor at (801) 536-0240.

Sincerely,

Original Document signed by Scott T. Anderson on 4/6/2011

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

STA/DT/kk

Enclosure

c: Lloyd C. Berentzen, MBA., Health Officer/Director, Bear River Health Department

TN201100352

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

CLASS IVb 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, a permit is issued to

City of Logan as owner and operator

To own and operate the Logan City-Cache County CD Landfill located in southeast 1/4 section of Section 31, Township 12 North, Range 1 East, Salt Lake Base and Meridian, Cache County, Utah as shown in the permit and expansion application that was determined complete on November 15, 2010

The operation of the landfill is subject to the condition that the City of Logan 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

Effective date: April 15, 2011.

Expiration date: April 15, 2021.

Signed this 6th day of April, 2011

Original Document signed by Scott T. Anderson on 4/6/2011

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

Signed 4/6/2011

PERMIT REQUIREMENTS

LANDFILL NAME: Logan City-Cache County CD Landfill

OWNER NAME: City of Logan

OWNER ADDRESS: 1000 West 450 North
Logan, UT 84321-7806

OWNER PHONE NO.: (435) 716-9753

OPERATOR NAME: City of Logan

OPERATOR ADDRESS: 1400 West 200 North
Logan, UT 84321

OPERATOR PHONE NO.: (435) 716-9752

TYPE OF PERMIT: Class IVb Noncommercial Solid Waste Landfill

PERMIT NUMBER: 9902R1

LOCATION: The **Logan City-Cache County CD Landfill** located in the Southeast 1/4 of Section 31, Township 12 North, Range 1 East, Salt Lake Base and Meridian, Cache County, Utah as specifically described and shown in the permit application. (Lat. 41° 43' 54" N, Long. 111° 52' 06" W)

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

The renewal and expansion application, received August 16, 2010 is deemed complete and is hereby approved and incorporated by reference into this Solid Waste Permit. All representations made in the permit renewal and expansion application are part of this Permit and are enforceable under UAC 315-301-5(2). The permit renewal and expansion application will become part of the operating record of the Landfill. Where differences in wording exist between this Permit and the permit renewal and expansion application, the wording of the Permit supersedes that of the permit renewal and expansion application.

The facility as described in this Permit and the permit application consists of a Class IVb landfill, two scale houses, a maintenance building, a recyclable materials area, and green waste disposal and compost areas.

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 constitutes a violation of UAC R315-305 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 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.

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.

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.

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.

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.

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, including representatives from the Bear River 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. 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 construction/demolition waste containing PCB's as specified by UAC R315-315-7(2)(a) and (c);
3. Household waste, except waste resulting from the abatement, rehabilitation, renovation and remodeling of homes and other residences;
4. Municipal waste;
5. Special waste, except as specified in this Permit;

6. Commercial waste;
7. Regulated asbestos-containing material;
8. Industrial waste;
9. 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; and
10. Dead animals.

Any prohibited waste received and accepted for treatment, storage, or 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

1. Construction/demolition waste, as defined in UAC R315-301-2(17);
2. Yard waste, as defined in UAC R315-301-2(87);
3. Inert waste, as defined in UAC R315-301-2(37);
4. Waste tires, when the requirements of UAC R315-320 are met; and
5. Petroleum contaminated soils as allowed in UAC R315-315-8(3).

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.

G. Attachments Incorporation

Attachments incorporated by reference are enforceable conditions of this Permit, as are documents incorporated by reference into the attachments. Language in this Permit supercedes 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 renewal and expansion application including landfill cells, fences, gates, and berms. Any construction in the expansion area, as defined in the permit application, must be completed according to the design outlined in the permit and approved by the Executive Secretary 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.

B. Run-On Control

Perimeter drainage channels shall be constructed as specified in the permit renewal and expansion application prior to acceptance of waste. 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 renewal and expansion application and the solid waste permit issued by the Executive Secretary shall be kept onsite at the landfill. The landfill shall be operated in accordance with the Operations Plan as included in the permit renewal and expansion 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 and is as protective of human health and the environment as that approved in the permit renewal and expansion application. Any modification to the Operations Plan shall be noted in the operating record.

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 not open. At least one person, employed by the City of Logan, shall be at the landfill during all hours that the landfill is open. Fencing and any other access controls as shown in the permit renewal and expansion 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.

All 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. The form shall be placed in the operating record at the end of operating day.

D. Cover

The Permittee shall cover the waste periodically to prevent fires and to control vectors, blowing litter, odor, scavenging, and fugitive dust. Cover shall be provided no less than monthly. At the end of the operating day when cover is applied, the amount of cover placed and the area receiving cover shall be recorded in the operating record and certified by the operator.

E. Disposal of Liquids

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

F. Roads

All onsite roads used for transporting waste shall be improved and maintained as necessary to assure 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 R315-303-5(2)(b). All accidental fires shall be extinguished as soon as possible.

H. Record Keeping

The Permittee shall maintain and keep on file at either at the landfill site or as part of the Logan City records, an operating record as required by UAC R315-302-2(3). The landfill operator, or other designated personnel, shall date and sign the 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. The operating record shall include the following items:

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/s, 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 renewal and expansion application;

- b. Results of inspections conducted by representatives of the Utah Solid and Hazardous Waste Control Board and/or representatives of the Bear River Health Department, when forwarded to the Permittee;
- c. Closure and Post-closure care plans; and
- d. Records of employee training

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, a re-application for approval of the financial assurance mechanism, and all training programs completed.

J. 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 and shall cover the following areas: Waste placement, compaction, and cover; fences and access controls; roads; run-on/run-off controls; final 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 and the actions taken placed in the daily operating record.

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 renewal and expansion application and as required by R315-305-5(5) UAC.

B. Title Recording

The Permittee shall also meet the requirements of UAC R315-302-2(6) by recording with the Cache County Recorder as part of the record of title that the property has been used as a landfill.

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 renewal and expansion 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 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. An annual revision of closure costs and financial assurance funding shall be submitted to the Executive Secretary as part of the annual report

E. Financial Assurance Annual Update

An annual revision of closure costs and financial assurance funding as, required by R315-309-2(2), shall be submitted to the Executive Secretary as part of the annual report. The Permittee has chosen to provide financial assurance using the "Local Government Financial Test," the Permittee shall submit the information as required in R315-309-8 and must meet the qualifications for the "Local Government Financial Test" each year.

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 R315-310-10.

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. Acceptance of any waste type not allowed by UAC R315-305-1 will require a new permit application and meeting the requirements of UAC R315-310-3(1) & (2), R315-310-4, and R315-310-5.

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 renewal and expansion application. Any expansion of the current footprint designated in the description contained in the permit renewal and expansion application, but within the property boundaries designated in the permit renewal and expansion 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 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(2).

Permit: 9902R1