



State of Utah

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

Department of
Environmental Quality

Amanda Smith
Executive Director

DIVISION OF SOLID AND
HAZARDOUS WASTE
Scott T. Anderson
Director

Solid and Hazardous Waste Control Board

Kevin Murray, *Chair*
Dennis Riding, *Vice-Chair*
Eugene Cole, DrPH
Jeff Coombs, MPH, LEHS
Mark Franc
Brett Mickelson
Amanda Smith
Shane Whitney
Dwayne Woolley
Scott T. Anderson
Executive Secretary

February 23, 2015

Brent Sumsion
Property and Environmental Manager
Sunroc Corporation
730 North 1500 West
Orem, UT 84059

RE: Class IVb Landfill Permit

Dear Mr. Sumsion:

Enclosed is the approved permit for the Sunroc Santaquin Class IVb Landfill located west of I-15 and south of Exit 242 on Mona Road in Utah County. The public comment period on the permit ended on February 16, 2015. No comments were received.

Periodic inspections of the landfill will be conducted by representatives of the Division of Solid and Hazardous Waste and the Utah County Health Department to assess compliance with permit conditions and applicable Solid Waste Rules.

If you have any questions, please call Matt Sullivan at (801) 536-0241.

Sincerely,

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

STA/MBS/kl

Enclosure: Sunroc Santaquin Landfill Class IVb Solid Waste Permit

c: Joseph K. Miner, M.D., MSPH, Health Officer, Utah County Health Department
Bryce C. Larsen, MPA, LEHS, Environmental Health Director, Utah County Health Department

DSHW-2015-003085

195 North 1950 West • Salt Lake City, UT
Mailing Address: P.O. Box 144880 • Salt Lake City, UT 84114-4880
Telephone (801) 536-0200 • Fax (801) 536-0222 • T.D.D. (801) 536-4414
www.deq.utah.gov

Printed on 100% recycled paper

**DIVISION OF SOLID AND HAZARDOUS WASTE
CLASS IVb SOLID WASTE LANDFILL PERMIT**

SUNROC SANTAQUIN LANDFILL

Pursuant to 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, a Permit is issued to

Sunroc Corporation as owner and operator Permittee

to own, construct and operate the Class IVb Sunroc Santaquin Landfill located in the south section of Section 15, Township 10 South, Range 1 East, Salt Lake Base and Meridian, Utah County, Utah as shown in the Permit Application that was determined complete on October 24, 2014 (Tracking Number DSHW-2014-011495).

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

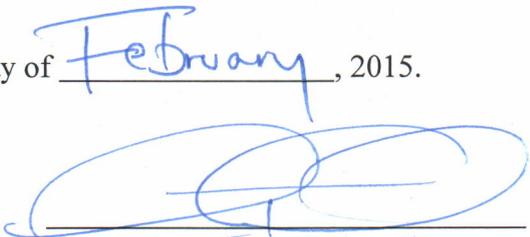
All references to R315-301 through 320 of the Utah Administrative Code are to regulations that are in effect on the date this Permit becomes effective.

This Permit shall become effective: March 1, 2015.

This Permit shall expire at midnight: March 1, 2025.

Closure Cost Revision Date: March 1, 2020.

Signed this 23rd day of February, 2015.



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

FACILITY OWNER/OPERATOR INFORMATION

LANDFILL NAME: Sunroc Santaquin Landfill

OWNER NAME: Sunroc Corporation

OWNER ADDRESS: P.O. Box 1955
Orem, Utah 84095

OWNER PHONE NO.: (801) 802-6900

OPERATOR NAME: Same as above

OPERATOR ADDRESS: Same as above

OPERATOR PHONE NO.: Same as above

TYPE OF PERMIT: Class IVb Landfill

PERMIT NUMBER: 1404

LOCATION: Township 10 South, Range 1 East, Section 15, SLMB; Utah
County, Lat. 39° 56' 19.35", Long. 111° 48' 45.55", located west of
I-15 and south of exit 242

PERMIT HISTORY Permit signed February 23, 2015

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

The application, *Sunroc Corporation Santaquin Pit Landfill*, September 2, 2014, Tracking Number DSHW-2014-011495, as deemed complete on the date shown on the signature page of this Permit, is hereby incorporated by reference into this Solid Waste Permit and shall be referred to as the "Permit Application" throughout this Permit. All representations made in the Permit Application are part of this Permit and are enforceable under R315-301-5(2) of the Utah Administrative Code. The Permit Application shall become part of the daily operating record of the landfill. Where differences in wording exist between this Permit and the Permit Application, the wording of this Permit supersedes that of the Permit Application.

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

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

The issuance of this Permit does not convey any property rights, other than the rights inherent in this Permit, in either real or personal property, or any exclusive privileges other than those inherent in this Permit. 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 R315-304 of the Utah Administrative Code that are in effect as of the date of this Permit unless otherwise noted in this Permit. Any noncompliance with this Permit or any applicable portions of Utah Code Ann § 19-6-101 through 123 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, including permit revocation.

B. Acceptable Waste

1. Construction/demolition waste, as defined in R315-301-2(17) of the Utah Administrative Code;
2. Yard waste, as defined in R315-301-2(87) of the Utah Administrative Code;
and
3. Inert waste, as defined in R315-301-2(37) of the Utah Administrative Code.

C. Prohibited Waste

1. Hazardous waste as defined by R315-1 and R315-2 of the Utah Administrative Code;

2. PCBs as defined by R315-301-2(53) of the Utah Administrative Code, except PCBs specified by R315-315-7(2)(a) and (c) of the Utah Administrative Code;
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 defined in this Permit;
6. Regulated asbestos-containing material;
7. Industrial waste;
8. Containers larger than household size (five gallons) holding any liquid; or
9. Dead animals.

D. Inspections and Inspection Access

The Permittee shall allow the Director of the Division of Solid and Hazardous Waste or an authorized representative 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 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 any loads of waste, treatment facilities or processes, pollution management facilities or processes, or control facilities or processes required under this Permit or regulated under R315-301 through 320 of the Utah Administrative Code; 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 any 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 measures to be implemented to mitigate noncompliance; and
3. Submit to the Director within 30 days a written report describing the nature and extent of the noncompliance and the remedial measures implemented 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 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 may be revoked if the Permittee fails to comply with any condition of the Permit. The Director will 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 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. Design and Construction

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

The Permittee shall notify the Director 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 Director.

The Permittee shall notify the Director 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 Director.

If ground water is encountered during excavation of the landfill, the Director shall be notified immediately and a contingency plan implemented or alternative construction design developed and submitted for approval.

B. Run-On 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 runoff from the surrounding area from entering the landfill.

III. LANDFILL OPERATION

A. Operations Plan

The Permittee shall keep the Operations Plan included in the Permit Application on site in the Operating Record as required by Section III-H of this Permit. The Permittee shall operate the landfill in accordance with the approved 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, 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)(xiii) of the Utah Administrative Code.

The Permittee shall submit any modification to the Operations Plan to the Director for approval.

B. Security

The Permittee shall operate the landfill so that unauthorized entry to the facility is prevented. 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.
3. Construct all fencing and any other access controls as shown in the Permit Application to prevent access by persons or livestock by other routes.

C. Training

The Permittee shall provide training for on-site personnel 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 R315-303-4(2)(b) of the Utah Administrative Code.

The Permittee shall extinguish all accidental fires as soon as reasonably possible.

E. Cover

The Permittee shall use a minimum of six inches of earthen cover to prevent fires and to control vectors, blowing litter, odor, scavenging and fugitive dust as necessary, but no less than once each quarter for all wastes received at the landfill.

The Permittee may use an alternative cover material when the material and operation meets the requirements of R315-303-4(4)(b) through (e) of the Utah Administrative Code.

The Permittee shall record in the operating record, and the operator shall certify quarterly, using the landfill inspection check list (Appendix D, Permit Application),

when soil or an alternative cover is placed, the amount, and type of cover placed, and the area receiving cover.

F. 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. 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. The Permittee shall select the loads to be inspected 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 that the Permittee suspects may contain a waste not allowed for disposal at the landfill.

The Permittee shall conduct random inspections as follows:

1. The Permittee shall conduct the random waste inspection at the working face or an area designated by the Permittee.
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; and
5. The personnel conducting the inspection shall record the results of the inspection on the waste inspection form found in Appendix D of the Permit Application. The Permittee shall place the form in the daily operating record at the end of the operating day.
6. The Permittee shall properly dispose of any waste found that is not acceptable at the facility at an approved disposal site for the type of waste and handle the waste according to the rules covering that waste.

G. General 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 monthly

(Appendix D, Permit Application) and shall address the following areas: waste placement, soil cover, fences and access controls, roads, run-on/run-off controls, 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.

H. Recordkeeping

The Permittee shall maintain and keep on file at the landfill, 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. The daily operating record shall consist of the following:

1. Records related to the daily landfill operation or periodic events including:
 - 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 monitoring required by this Permit recorded in the daily 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 on the day of the event.
2. Records of a general nature including:
 - a. Results of inspections conducted by representatives of the Director of the Division of Solid and Hazardous Waste and of representatives of the Utah County Health Department, when forwarded to the Permittee;
 - b. Records of employee training.

I. Reporting

The Permittee shall prepare and submit to the Director an Annual Report by March 1ST of each year 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 and all training programs completed.

J. 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 as necessary to assure safe and reliable all-weather access to the disposal area.

K. Litter Control

Litter resulting from operations of the landfill shall be minimized. In addition to the litter control plans on Page 8 of the Permit Application, the Permittee shall implement the following procedures when high wind conditions are present:

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. If windblown litter cannot be controlled, cease operations of the landfill until the winds diminish.

IV. CLOSURE REQUIREMENTS

A. Closure

The Permittee shall place the final cover on the landfill as shown in the Permit Application. The final cover shall meet, at a minimum, the standard design for closure as specified in R315-305-5(5)(b) of the Utah Administrative Code.

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 Utah 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 a copy of the notice as recorded.

C. Post-Closure Care

The Permittee shall perform post-closure care at the closed landfill 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 R315-302-3(7)(c) of the Utah Administrative Code is made.

D. Financial Assurance and Annual Financial Assurance Update

The Permittee has met the qualifications for the Corporate Financial Test as required by R315-309-9 of the Utah Administrative Code. The Permittee shall submit an annual revision of closure and post-closure costs for inflation and financial assurance funding as required by R315-309-2(2) of the Utah Administrative Code to the Director as part of the annual report each year and meet the qualifications for the Corporate Financial Test each year as required by R315-309-9 of the Utah Administrative Code.

E. 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.

B. Permit Transfer

This Permit may be transferred to a new Permittee or new Permittees in accordance with R315-310-11 of the Utah Administrative Code.

C. 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 landfill footprint designated in the Permit Application, but within the property boundaries designated in the Permit Application, 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 Permit Application shall require submittal of a new Permit Application in accordance with the requirements of R315-310 of the Utah Administrative Code.

Any addition to the acceptable wastes described in Section I-B shall require a permit modification in accordance with R315-311 of the Utah Administrative Code.

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.

E. Status Notification

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

F. Construction Approval and Request to Operate

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

1. The Permittee shall notify the Director that all the requirements of this Permit have been met and all required facilities, structures and financial assurance are in place.
2. The Permittee shall submit to the Director, for approval, documentation that all local zoning requirements and local government approvals have been obtained for operation of this landfill.
3. The Permittee shall obtain from the Director written approval that all information required by this section has been submitted and the information meets the requirements of this Permit and R315-301 through 320 of the Utah Administrative Code.