



State of Utah

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

Department of
Environmental Quality

L. Scott Baird
Interim Executive Director

DIVISION OF WASTE MANAGEMENT
AND RADIATION CONTROL
Ty L. Howard
Director

November 13, 2019

Commissioner Stan Wood
Wayne County Special Service District
P.O. Box 189
Loa, UT 84747

RE: Finding of Completeness and Draft Permit Renewal
Hanksville Class IVb Landfill - SW238

Dear Commissioner Wood:

The Division of Waste Management and Radiation Control has completed its review of the permit renewal request for the Hanksville Class IVb Landfill. The permit renewal has been determined complete.

The required public comment period will begin on November 22, 2019 and will end on December 23, 2019. Notice of the public comment period will be published in The Wayne and Garfield County Insider November 21, 2019. Following the public comment period and resolution of any comments, final action will be taken on the draft permit.

Enclosed is a draft permit and associated attachments for your review.

If you have any questions, please call Allan Moore at (801) 536-0211.

Sincerely,

T. Allan Moore, Solid Waste Program Manager
Division of Waste Management and Radiation Control

(Over)

TAM/RDP/kl

Enclosures: Draft Permit (DSHW-2019-008791)
Attachment #1 (DSHW-2019-010991)
Attachment #2 (DSHW-2019-010994)
Attachment #3 (DSHW-2019-010996)

c: Sue Hilderbrand, MSN, Health Officer, Central Utah Public Health Dept.
Nathan Selin, Environmental Health Director, Central Utah Public Health Dept.
John Chartier, P.E., DEQ District Engineer

DIVISION OF WASTE MANAGEMENT
AND RADIATION CONTROL
SOLID WASTE LANDFILL PERMIT

CLASS IV_b SOLID WASTE PERMIT *RENEWAL*

WAYNE COUNTY HANKSVILLE 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, a Permit is issued to

Wayne County
as permit owner and operator,

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 _____ 2019.

This Permit shall expire at midnight _____ 2029.

Closure Cost Revision Date: _____ 2024.

Signed this ____ day of _____, 2019.

Ty Howard, Director
Division of Waste Management and Radiation Control

FACILITY OWNER/OPERATOR INFORMATION

LANDFILL NAME: Hanksville Class IVb Landfill

OWNER NAME: Wayne County

OWNER ADDRESS: 18 South Main, P.O. Box 189, Loa, UT 84747

OWNER PHONE NO.: 435-836-2765

TYPE OF PERMIT: Class IVb Landfill

PERMIT NUMBER: 9801R3

LOCATION: The site is legally described as the West half of the Northeast Quarter of Section 14, Township 20 South, Range 11 East, Salt Lake Base & Meridian. The landfill main gate is located at Latitude 38° 22' 30" North and Longitude 110° 40' 56" West.

PERMIT HISTORY Permit 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 Waste Management and Radiation Control.

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

The facility as described in this Permit consists of scale house and disposal cells for all permitted waste, dead animal disposal trench, areas for storage of recyclable materials and a green waste area.

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 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.

PERMIT REQUIREMENTS

I. GENERAL COMPLIANCE RESPONSIBILITIES

I.A. General Operation

I.A.1. The Permittee shall operate the landfill in accordance with all applicable requirements of R315-305 of the Utah Administrative Code 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 126 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.

I.B. Acceptable Waste (list all acceptable wastes defined in the permit application.)

I.B.1. Construction/demolition waste as defined in R315-301-2(17) of the Utah Administrative Code;

I.B.2. Yard waste as defined in R315-301-2(87) of the Utah Administrative Code;

I.B.3. Inert waste, as defined in R315-301-2(37) of the Utah Administrative Code;

I.B.4. Waste tires, may be accepted and managed in accordance with the requirements of R315-320 of the Utah Administrative Code;

I.B.5. Petroleum contaminated soils as allowed in R315-315-8(3) of the Utah Administrative Code; and

I.B.6. Dead animals when placed in a separate area and covered each day or placed in the working face and covered with waste immediately.

I.C. Prohibited Waste

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

I.C.2. PCBs as defined by R315-301-2(53) of the Utah Administrative Code, except PCB's specified by R315-315-7(2)(a) and (c) of the Utah Administrative Code;

I.C.3. Household waste, except waste resulting from the abatement, rehabilitation, renovation and remodeling of homes and other residences;

I.C.4. Municipal waste;

I.C.5. Special waste except as specified in this Permit;

I.C.6. Regulated asbestos-containing material;

I.C.7. Industrial solid waste as defined in R315-301-2(35) of the Utah Administrative Code;

I.C.8. Commercial solid waste as defined in R315-301-2(14) of the Utah Administrative Code;

- I.C.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
- I.C.10. Any prohibited waste received and accepted for disposal at the facility shall constitute a violation of this Permit, of 19-6-101 through 125 and of R315-301 through 320 of the Utah Administrative Code.
- I.D. Inspections and Inspection Access
- I.D.1. The Permittee shall allow the Director of the Division of Waste Management and Radiation Control or an authorized representative, or representatives from the Central Utah Health Department, to enter at reasonable times and:
- I.D.1.a 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;
- I.D.1.b 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;
- I.D.1.c 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
- I.D.1.d Create a record of any inspection by photographic, video, electronic, or any other reasonable means.
- I.E. Noncompliance
- I.E.1. 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.
- I.E.2. 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.
- I.E.3. The Permittee shall:
- I.E.3.a Document the noncompliance or violation in the daily operating record, including the day the event occurred or the day it was discovered;
- I.E.3.b Notify the Director of the Utah Division of Waste Management and Radiation Control by telephone within 24 hours, or the next business day following documentation of the event; and

- I.E.3.c Give written notice of the noncompliance or violation and measures taken to protect human health and the environment within seven days after Director notification.
- I.E.4. Within thirty days after the documentation of the event, the Permittee shall submit to the Director 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. After 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.
- I.E.5. 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.

I.F. Revocation

- I.F.1. 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 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.

I.G. Attachment Incorporation

- I.G.1. Attachments to the 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

II.A. Design and Construction

- II.A.1. The landfill shall be constructed according to the design outlined in the Attachment #1 and in the area designated in the Attachment #1, including landfill cells, fences, gates, and berms.
- II.A.2. 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.
- II.A.3. 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.
- II.A.4. 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.

II.A.5. All engineering drawings submitted to the Director shall be stamped by a professional engineer with a current registration in Utah.

II.B. Run-On and Run-off Control

II.B.1. The Permittee shall construct drainage channels and diversions and shall maintain them at all times to effectively prevent runoff from the surrounding area from entering the landfill. The Permittee shall control the run-on and runoff resulting from the 25 year event from contacting solid waste and leaving the landfill. Each disposal cell shall be constructed to prevent the unanticipated flow of surface waters into the active areas of the facility.

III. LANDFILL OPERATION

III.A. Operations Plan

III.A.1. 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, is as protective of human health and the environment as the Operations Plan approved as part of this Permit. Any modification must be approved by the Director as a permit modification under R315-311-2(1) of the Utah Administrative Code. The Permittee shall note any modification to the Operations Plan in the daily operating record.

III.B. Security

III.B.1. The Permittee shall operate the Landfill so that unauthorized entry to the facility is restricted. The Permittee shall:

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

III.B.1.b Have at least one person employed by the Permittee at the landfill during all hours that the landfill is open.

III.B.1.c Construct all fencing and any other access controls as shown in the Attachment #2 to prevent access by persons or livestock by other routes.

III.C. Training

III.C.1. The Permittee shall provide training for on-site personnel in landfill operation, including waste load inspection, hazardous waste identification, and personal safety and protection.

III.D. Burning of Waste

III.D.1. Except as provided in this paragraph, intentional burning of solid waste is prohibited and is a violation of R315-303-4(2)(b) of the Utah Administrative Code. The Permittee is allowed to burn material by complying with the requirements of R307-202-5 of the Utah Administrative Code. The Permittee shall perform such burning in a segregated area within the landfill site. The Permittee shall extinguish all accidental fires as soon as reasonably possible. The Permittee's non-compliance with R307-202-5 of the Utah Administrative Code, as determined by the Director, also constitutes non-compliance with this Permit.

III.D.2. The Permittee shall extinguish all accidental fires as soon as reasonably possible.

III.E. Cover

III.E.1. The Permittee shall cover the waste as necessary to prevent fires and to control vectors, blowing litter, odor, scavenging, and fugitive dust.

III.E.2. 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.

III.E.3. The Permittee shall use a minimum of six inches of earthen cover no less than once each month for all wastes received at the landfill. This cover shall consist of soil; no alternative may be used.

III.E.4. The Permittee shall record in the daily operating record and the operator shall certify, at the end of each day of operation when soil or an alternative cover is placed, the amount and type of cover placed and the area receiving cover. Cover requirements for dead animals are found in Section III-L of this Permit.

III.F. Waste Inspections

III.F.1. 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.

III.F.2. 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.

III.F.3. The Permittee shall inspect all loads that the Permittee suspect may contain a waste not allowed for disposal at the landfill.

III.F.4. The Permittee shall conduct complete random inspections as follows:

III.F.4.a The Permittee shall conduct the random waste inspection at the working face or an area designated by the Permittee.

III.F.4.b The Permittee shall direct that loads subjected to complete inspection be unloaded at the designated area;

- III.F.4.c Loads shall be spread by equipment or by hand tools;
- III.F.4.d Personnel trained in hazardous waste recognition and recognition of other unacceptable waste shall conduct a visual inspection of the waste; and
- III.F.4.e The personnel conducting the inspection shall record the results of the inspection on a waste inspection form as found in Attachment #3. The Permittee shall place the form in the daily operating record at the end of the operating day.
- III.F.4.f The Permittee or the waste transporter shall properly dispose of any waste that is not acceptable at the facility at an approved disposal of that type of waste.

III.G. Self Inspections

- III.G.1. 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, adequate cover, fences and access controls, roads, run-on/run-off controls, final and intermediate cover, litter controls, and records. The Permittee shall record 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.

III.H. Recordkeeping

- III.H.1. The Permittee shall maintain and keep on file at the Hanksville City office, 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 two types of documents:
 - III.H.2. Records related to the daily landfill operation or periodic events including:
 - III.H.2.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;
 - III.H.2.b Major deviations from the approved plan of operation recorded at the end of the operating day the deviation occurred;
 - III.H.2.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;
 - III.H.2.d Records of all inspections conducted by the Permittee, results of the inspections, and corrective actions.
 - III.H.3. Records of a general nature including:
 - III.H.3.a A copy of this Permit, including the Attachments;

III.H.3.b Results of inspections conducted by representatives of the Director and representatives of the local Health Department, when forwarded to the Permittee;

III.H.3.c Closure and Post-closure care plans; and

III.H.3.d Records of employee training.

III.I. Reporting

III.I.1. 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 and all training programs completed.

III.J. Roads

III.J.1. 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.

III.K. Litter Control

III.K.1. Litter resulting from operations of the landfill shall be minimized. The Permittee shall implement the following procedures when high wind conditions are present:

III.K.1.a Reduce the size of the tipping face;

III.K.1.b Reduce the number of vehicles allowed to discharge at the tipping face at one time;

III.K.1.c Orient vehicles to reduce wind effects on unloading and waste compaction;

III.K.1.d Reconfigure tipping face to reduce wind effect;

III.K.1.e Use portable and permanent wind fencing as needed; and

III.K.1.f Should high winds present a situation that the windblown litter cannot be controlled, the Permittee shall cease operations of the landfill until the winds diminish.

III.L. Disposal of Special Wastes

III.L.1. 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 the operating day on which the carcasses are received. 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 at the end of each operating day.

IV. CLOSURE REQUIREMENTS

IV.A. Closure

- IV.A.1. The Permittee shall meet, at a minimum, the standard design for closure as specified in R315-305-5(5)(b) of the Utah Administrative Code. Closure design will consist of reclaiming the site to make it appear as natural as the land surrounding it. The source for final cover will consist of onsite earthen material. The landfill will be closed by covering the waste with a minimum of 18 inches of soil with a top layer of at least 6 inches of top soil. The maximum final slope of the cover shall not exceed 33% or be less than 2%. The covers for the Landfill will be seeded based on recommendations from a BLM Range Specialist. Equipment from the Wayne County Road Department is available for use in the final cover and proper up keep of the facility.
- IV.B. Title Recording
- IV.B.1. The Permittee shall meet the requirements of R315-302-2(6) of the Utah Administrative Code by recording a notice with the Wayne 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 the notice after recordation.
- IV.C. Post-Closure Care
- IV.C.1. The Permittee shall perform post-closure care at the closed landfill in accordance with the Post-Closure Care Plan. 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.
- IV.D. Financial Assurance
- IV.D.1. The Permittee shall keep in effect and active the currently approved financial assurance mechanism or another approved mechanism that meets the requirements of R315-309 of the Utah Administrative Code and is approved by the Director to cover the costs of closure and post-closure care at the landfill. The Permittee shall adequately fund and maintain the financial assurance mechanism(s) to provide for the cost of closure and post-closure until termination of financial assurance in accordance with R315-309-11 of the Utah Administrative Code.
- IV.E. Financial Assurance Annual Update
- IV.E.1. The Permittee shall submit an annual revision of closure and post-closure costs for inflation and financial assurance to the Director as part of the annual report as required by R315-309-2(2) of the Utah Administrative Code.
- IV.F. Closure Cost and Post-Closure Cost Revision
- IV.F.1. 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

V.A. Permit Modification

V.A.1. Modifications to this Permit may be made upon application by the Permittee or by the Director following the procedures specified in R315-310-11-2 of the Utah Administrative Code. The Permittee shall be given written notice of any permit modification initiated by the Director.

V.B. Permit Transfer

V.B.1. This Permit may be transferred to a new Permittee in accordance with R315-310-11 of the Utah Administrative Code.

V.C. Expansion

V.C.1. This Permit is for the operation of a Class IVb Landfill according to the design and Operation Plan described and explained in Attachment #2. Any expansion of the current footprint designated in the description contained in Attachment #2, but within the property boundaries designated in Attachment #2, shall require submittal of plans and specifications to the Director. The plans and specifications shall be approved by the Director prior to construction.

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

V.C.3. 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.

V.D. Expiration

V.D.1. 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.

Attachments to the permit.

- 1 – Landfill Design and Construction
- 2 – Operations Plan
- 3 – Waste Inspections

1 – Landfill Design and Construction

SCHEDULE OF CONSTRUCTION

The Hanksville Class IV Landfill is capable of meeting solid waste disposal needs for the Hanksville area for more than 100 years. The initial cells were planned for a capacity of approximately 10-15 years.

HANDLING PROCEDURES

All waste placed in the Hanksville Class IV facility will be on the days scheduled. All incoming vehicles are stopped at the gate by the landfill attendant. Commercial and private haul vehicle load weights are estimated based on type and volume of waste. The date, vehicle type, and waste type are recorded on the "Record Volume Form" for every incoming load. A copy of the form is included as Exhibit 2. A receipt is issued for every incoming load. Daily totals are recorded on the "Daily Operating Record" attached as Exhibit 3.

Equipment dedicated to the Hanksville Class IV facility for waste and soil handling and general site operations include a Clark 55C Loader. Additional equipment is available on an as needed basis from the Wayne County Road Department.

Minor vehicle maintenance is performed onsite by the landfill operator. Major repairs are performed either at the Wayne County Road Department facilities or by a contractor.

CONSTRUCTION/DEMOLITION WASTES

UAC 315-301-2(16) defines construction/demolition (C&D) waste as waste from building materials, packaging, rubble resulting from construction, remodeling, repair, and demolition operations on pavements, houses, commercial buildings, and other structures. Typical C&D waste includes bricks, concrete or other masonry materials, soil, rock, untreated lumber, rebar, and tree stumps.

All construction/demolition waste is inspected by the landfill attendant, recorded and deposited in the designated cell, and covered with soil as often as is necessary to reduce the potential for fires and vector harborage.

YARD WASTE

Yard waste is vegetative matter generated from landscaping, lawn maintenance, and land clearing operations and may include tree and brush trimmings, grass clippings, and other discarded material from yards, gardens and parks. Yard waste does not include garbage, paper, plastic, sludge, septage, or manure.

Loads containing only stumps, branches, tree clippings, and/or grass clippings are directed to the designated yard waste stockpile. After the appropriate permits are obtained from

the local fire marshal, all yard waste is burned in accordance with Utah Air Quality requirements.

It should be noted that the Hanksville Class IV Landfill does not accept incoming household waste. However, a 450 gallon container has been placed inside the landfill for disposal of such waste. This practice helps reduce the amount of restricted waste from entering the landfill. When a sufficient amount of household waste has been accumulated, Wayne County Landfill personnel are contacted and arrangements are made for removal. All household waste is then transported to the Wayne county Class II Landfill where it is treated as incoming waste.

RECYCLABLE MATERIALS

A separate area is reserved and fenced for recyclable goods such as tires, automobile bodies, and appliances. The landfill operator inspects all recyclable materials as they are brought to the landfill and directs all incoming vehicles to the designated area. All materials in the recycling area that are not recycled are moved yearly to the Wayne County Class II Landfill, crushed and placed in the working face of the Class II Landfill.

Tires are currently stockpiled in a designated area until a sufficient amount is accumulated. At that time, the Wayne County Class II Landfill is contacted and arrangements are made for the tire pickup. Operating records contain the date, volume, and tonnage for materials removed from the landfill.

DEAD ANIMALS

The Hanksville Class IV Landfill accepts dead animals for disposal in a separate monofill within the landfill property. All received dead animals are completely covered with a minimum of six inches of soil by the end of the work day.

PROHIBITED HAZARDOUS/PCB WASTE EXCLUSION PROGRAM

According to UAC R315-303-3(7), an owner or operator shall not knowingly dispose, treat, store, or handle hazardous waste or waste containing PCBs. The following section describes load inspection, training, and handling procedures employed at the Hanksville Class IV facility.

All incoming loads are visually inspected by the landfill attendant at or near the active disposal area. Private haul vehicles are also inspected at the gate for the presence of prohibited materials. In addition, a minimum of 1% of all incoming loads are randomly inspected to prevent the disposal of prohibited waste. Random inspection procedures consist of spreading the waste load in a designated area. The landfill operator will then examine the waste and record the findings on the random inspection form contained in Exhibit 6. The landfill operator is trained to identify regulated hazardous or PCB wastes. The landfill does not accept noncontainerized liquids or liquids in containers larger than 5 gallons.

2 – Operations Plan

WASTE TYPES/AREAS TO BE SERVED

The following types of waste are currently accepted at the Hanksville Class IV Landfill facility:

- Construction/demolition waste
- Yard waste
- Inert waste
- Dead animals

The service area consists of the town of Hanksville and the surrounding areas within Wayne County.

PLAN OF OPERATION

INTRODUCTION

This Plan of Operation has been prepared by Wayne County to reflect the operation of the Hanksville Class IV Landfill in compliance with the Utah Solid Waste Permitting and Management Rules, R315-301 through 320 of the UAC.

To insure compliance with this rule, the Hanksville Class IVB Landfill is operated as follows: the Class IV landfill accepts only construction/demolition debris, yard waste, inert material, and dead animals. The facility consist of tow holes: a flesh pit for dead animals, and a pit for construction debris and rocks. The yard waste area is fenced separately. Dead animals are covered as needed with a minimum six inches of soil at the facility.

The Hanksville Class IVB Landfill is maintained and operated by a Wayne County employee. The employee keeps all records of volume and what types of waste are placed in the Class IV Landfill as well as inspection of loads to insure that no improper waste is dumped at this facility.

HOURS OF OPERATION

The landfill operator is onsite during all hours the facility is open to the public. The schedule for operation of the Hanksville Class IV Landfill is as follows:

Tuesday: 11 am - 2 pm

Saturday: 11 am - 2 pm

SCHEDULE OF CONSTRUCTION

The Hanksville Class IV Landfill is capable of meeting solid waste disposal needs for the Hanksville area for more than 100 years. The initial cells were planned for a capacity of approximately 10-15 years.

HANDLING PROCEDURES

All waste placed in the Hanksville Class IV facility will be on the days scheduled. All incoming vehicles are stopped at the gate by the landfill attendant. Commercial and private haul vehicle load weights are estimated based on type and volume of waste. The date, vehicle type, and waste type are recorded on the "Record Volume Form" for every incoming load. A copy of the form is included as Exhibit 2. A receipt is issued for every incoming load. Daily totals are recorded on the "Daily Operating Record" attached as Exhibit 3.

Equipment dedicated to the Hanksville Class IV facility for waste and soil handling and general site operations include a Clark 55C Loader. Additional equipment is available on an as needed basis from the Wayne County Road Department.

Minor vehicle maintenance is performed onsite by the landfill operator. Major repairs are performed either at the Wayne County Road Department facilities or by a contractor.

CONSTRUCTION/DEMOLITION WASTES

UAC 315-301-2(16) defines construction/demolition (C&D) waste as waste from building materials, packaging, rubble resulting from construction, remodeling, repair, and demolition operations on pavements, houses, commercial buildings, and other structures. Typical C&D waste includes bricks, concrete or other masonry materials, soil, rock, untreated lumber, rebar, and tree stumps.

All construction/demolition waste is inspected by the landfill attendant, recorded and deposited in the designated cell, and covered with soil as often as is necessary to reduce the potential for fires and vector harborage.

YARD WASTE

Yard waste is vegetative matter generated from landscaping, lawn maintenance, and land clearing operations and may include tree and brush trimmings, grass clippings, and other discarded material from yards, gardens and parks. Yard waste does not include garbage, paper, plastic, sludge, septage, or manure.

Loads containing only stumps, branches, tree clippings, and/or grass clippings are directed to the designated yard waste stockpile. After the appropriate permits are obtained from

the local fire marshal, all yard waste is burned in accordance with Utah Air Quality requirements.

It should be noted that the Hanksville Class IV Landfill does not accept incoming household waste. However, a 450 gallon container has been placed inside the landfill for disposal of such waste. This practice helps reduce the amount of restricted waste from entering the landfill. When a sufficient amount of household waste has been accumulated, Wayne County Landfill personnel are contacted and arrangements are made for removal. All household waste is then transported to the Wayne county Class II Landfill where it is treated as incoming waste.

RECYCLABLE MATERIALS

A separate area is reserved and fenced for recyclable goods such as tires, automobile bodies, and appliances. The landfill operator inspects all recyclable materials as they are brought to the landfill and directs all incoming vehicles to the designated area. All materials in the recycling area that are not recycled are moved yearly to the Wayne County Class II Landfill, crushed and placed in the working face of the Class II Landfill.

Tires are currently stockpiled in a designated area until a sufficient amount is accumulated. At that time, the Wayne County Class II Landfill is contacted and arrangements are made for the tire pickup. Operating records contain the date, volume, and tonnage for materials removed from the landfill.

DEAD ANIMALS

The Hanksville Class IV Landfill accepts dead animals for disposal in a separate monofill within the landfill property. All received dead animals are completely covered with a minimum of six inches of soil by the end of the work day.

PROHIBITED HAZARDOUS/PCB WASTE EXCLUSION PROGRAM

According to UAC R315-303-3(7), an owner or operator shall not knowingly dispose, treat, store, or handle hazardous waste or waste containing PCBs. The following section describes load inspection, training, and handling procedures employed at the Hanksville Class IV facility.

All incoming loads are visually inspected by the landfill attendant at or near the active disposal area. Private haul vehicles are also inspected at the gate for the presence of prohibited materials. In addition, a minimum of 1% of all incoming loads are randomly inspected to prevent the disposal of prohibited waste. Random inspection procedures consist of spreading the waste load in a designated area. The landfill operator will then examine the waste and record the findings on the random inspection form contained in Exhibit 6. The landfill operator is trained to identify regulated hazardous or PCB wastes. The landfill does not accept noncontainerized liquids or liquids in containers larger than 5 gallons.

CONTINGENCY PLAN

In the event of a fire or explosion, incoming waste is diverted to the alternate onsite storage area. The waste will be stored until the existing disposal cell can be open or another cell is constructed. Waste will not be stored more than 30 days. Upon resolution of the unexpected event, the materials will be transported to its final destination and treated as incoming waste.

Fires and/or explosions at the Hanksville Class IV Landfill are managed and controlled by the landfill operator with equipment available at the site. However, local fire departments are available and will respond to and provide assistance if requested by the landfill operator. The outline for procedures to follow in case of fire or explosion is:

1. Secure Affected Area
2. Divert Incoming Waste
3. Isolate Fire/Explosion
4. Suppress Incident, if Possible
5. Request Additional Assistance as Needed
6. Report & Record Necessary Information

DISEASE VECTOR CONTROL

The Hanksville Class IV Landfill has limited vector problems. Appropriate cover eliminates the possibility of disease and vector problems within the dead animal area. The cover consists of a 6 inch minimum layer of earthen material.

Rodents and other vermin are not permitted to burrow or nest in the active area or recyclable area of the landfill. Trapping or extinction methods are implemented to protect the integrity of the disease vector control program.

TRAINING AND SAFETY

The landfill operator has received the proper training enabling him to identify hazardous and exclude hazardous wastes. Safety procedures conform to OSHA guidelines and landfill employees are encouraged to participate in additional landfill management, waste screening, safety and first aid workshops.

ENGINEERING REPORT

Wayne County has addressed and met 3 basic areas of criteria in the design, construction, and operation of the Hanksville Class IV Landfill Facility:

1. Protection of the health and well-being of the citizens of Wayne County.
2. Protection of the environment and natural beauty of the area.

3. Placement of the facility - out of sight of residents and visitors to the area.

The Hanksville Class IV Landfill was designed to meet the needs of the residents of the Hanksville area. Emphasis was placed on constructing a small, low maintenance and low operational cost facility. All access weather roads were designed, proper drainage requirements were met, and proper fencing, four strand barbed wire, to prevent cattle and unauthorized individuals from entering the facility were installed at the facility.

The Landfill operator takes all necessary measures to prevent and correct any problems that arise regarding fugitive dust emissions by covering or watering the problem area. Due to the small size of Hanksville and the low quantities of waste received at the facility, fugitive dust generation is minimal.

Wayne County will control the runoff and runoff resulting from the 25 year event from contacting solid waste and leaving the landfill. This will be accomplished through a series of best management practices. Each disposal cell is constructed to prevent the unanticipated flow of surface waters into the active areas of the facility.

Closure design will consist of reclaiming the site to make it appear as natural as the land surrounding it. The source for final cover will consist of onsite earthen material. The landfill will be closed by covering the waste with a minimum of 18 inches soil with a top layer of at least 6 inches of top soil. The maximum final slope of the cover shall not exceed 33% or be less than 2%. The covers for the Landfill will be seeded based on recommendations from a BLM Range Specialist.

Equipment from the Wayne County Road Department is available for use in the final cover and proper up keep of the facility.

FINANCIAL ASSURANCE AND CLOSURE PLAN

To meet the financial assurance requirements in accordance with Rule R315-309 of the State Permitting and Management Rules, Wayne County has established an escrow/capital improvement account (Account #6619). The account is established with the State Treasurer's Office, and the Utah State Treasurer serves as the escrow agent. The County will increase the account balance to \$29,000 in February 2007. A detailed set of procedures has been established by the Treasurer's Office. The Hanksville Landfill may alter the mechanism to include insurance, surety bonds, trust funds, or other options as they become feasible with Executive Secretary.

The estimated closing costs for the Hanksville Class IV Landfill are calculated on the largest open area at one time, which is not anticipated to be more than 160' X 75' at each disposal cell. All cover materials are available on site. The only costs anticipated for the closure of the Hanksville Class IVB Landfill are those associated with placing and grading the final cover and

3 – Waste Inspections

WAYNE COUNTY LONG HOLLOW LANDFILL

DAILY OPERATING RECORD:

WASTE ORIGIN
LOA, FREMONT

WASTE ORIGIN	COUNTY TRUCK	NO. LARGE TRUCKS	NO. PICKUPS	NO. CARS	DATE	WASTE TYPE	OPERATOR	TOTAL WEIGHT	TOTAL VOLUME	TOTAL LOADS	NO. WASTE INSPECTIONS
					TOTAL WEIGHT	TOTAL VOLUME	TOTAL WEIGHT	TOTAL VOLUME	TOTAL LOADS	NO. WASTE INSPECTIONS	
LOA, FREMONT	COUNTY TRUCK					HOUSEHOLD					
	NO. LARGE TRUCKS					CONSTRUCTION DEBRIS					
	NO. PICKUPS					YARD WASTE					
	NO. CARS					DEAD ANIMALS					
						TIRES					
BICKNELL, LYMAN	COUNTY TRUCK					METALS					
	NO. LARGE TRUCKS					HOUSEHOLD					
	NO. PICKUPS					CONSTRUCTION DEBRIS					
	NO. CARS					YARD WASTE					
						DEAD ANIMALS					
TEASDALE, TORREY	COUNTY TRUCK					TIRES					
	NO. LARGE TRUCKS					METALS					
	NO. PICKUPS					HOUSEHOLD					
	NO. CARS					CONSTRUCTION DEBRIS					
						YARD WASTE					
GAINVILLE, HANNSVILLE	COUNTY TRUCK					DEAD ANIMALS					
	NO. LARGE TRUCKS					TIRES					
	NO. PICKUPS					METALS					
	NO. CARS					HOUSEHOLD					
						CONSTRUCTION DEBRIS					
CAPITOL REEF NATIONAL PARK	COUNTY TRUCK					YARD WASTE					
	NO. LARGE TRUCKS					DEAD ANIMALS					
	NO. PICKUPS					TIRES					
	NO. CARS					METALS					
						HOUSEHOLD					
OTHER (FED/STATE LANDS)	COUNTY TRUCK					CONSTRUCTION DEBRIS					
	NO. LARGE TRUCKS					YARD WASTE					
	NO. PICKUPS					DEAD ANIMALS					
	NO. CARS					TIRES					
						METALS					
	NO. LARGE TRUCKS					HOUSEHOLD					
	NO. PICKUPS					CONSTRUCTION DEBRIS					
	NO. CARS					YARD WASTE					
						DEAD ANIMALS					
						TIRES					
						METALS					
						TOTALS					