



State of Utah

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Lieutenant Governor

Department of  
Environmental Quality

L. Scott Baird  
Interim Executive Director

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

October 28, 2019

Kali Gleave  
550 North Main Street  
P.O. Box 99  
Junction, UT 84740

RE: Tri-City Class IVb Solid Waste Permit Renewal

Dear Ms. Gleave:

The 30-day public comment period for the Tri-City CD Landfill draft permit began September 5, 2019 and ended October 4, 2019. No comments were received.

Enclosed is the final Permit, with an effective date of October 28, 2019 and an expiration date of October 27, 2029.

If you have any questions, please call Bryan Woolf at (801) 536-0227.

Sincerely,

Ty L. Howard, Director  
Division of Waste Management and Radiation Control

TLH/BMW/kl

Enclosure: Permit (DSHW-2019-007194)  
Attachment #1 (DSHW-2019-007196)  
Attachment #2 (DSHW-2019-007198)  
Attachment #3 (DSHW-2019-007200)  
Attachment #4 (DSHW-2019-007202)

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

DSHW-2019-013582

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UTAH DIVISION OF WASTE MANAGEMENT  
AND RADIATION CONTROL  
SOLID WASTE LANDFILL PERMIT

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**CLASS IVb SOLID WASTE PERMIT *RENEWAL***

**Tri- City Class IVb 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

Piute Special Service District  
as owner and operator,

to own and operate the *Tri- City Class IVb landfill* located in Piute County, Utah as shown in the *Permit Renewal Application* that was determined complete on June 06, 2019.

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 October 28, 2019.

This Permit shall expire at midnight October 27, 2029.

Closure Cost Revision Date: October 28, 2019.

Signed this 28<sup>th</sup> day of October, 2019.



Ty Howard, Director  
Division of Waste Management and Radiation Control

**FACILITY OWNER/OPERATOR INFORMATION**

LANDFILL NAME: Tri-City Class IVb Landfill

OWNER NAME: Piute Special Service District

OWNER ADDRESS: P.O. Box 99, 550 North Main, Junction, Utah 84740

OWNER PHONE NO.: 435-577-2840

OPERATOR NAME: Same as Owner

OPERATOR ADDRESS: Same as Owner

OPERATOR PHONE NO.: Same as Owner

TYPE OF PERMIT: Class IVb Landfill

PERMIT NUMBER: 9504R3

LOCATION: Landfill site is located in Township 30 South, Range 3 West, Section 16, SLMB; Piute County, Latitude 38° 11'52", Longitude 115° 12'08".

PERMIT HISTORY Permit signed October 28, 2019

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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 the Class IVb Landfill facility designed to fulfill the current and future inert solid waste disposal needs of northern Piute County, Utah. The facility encompasses a total of 27 acres and provides service to Circleville, Junction, Kingston, and unincorporated areas under the jurisdiction of the Piute County Commission. The facility consists of disposal cells for all permitted waste, a dead animal disposal cell, areas for storage of recyclable materials, an open cell for temporarily staging furniture, car bodies, and appliances (transported to a permitted Class I, II, or V Landfill), and green waste.

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 R315-304 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

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 (list all prohibited wastes defined by rule or in the permit application.)

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 or;
- 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 Piute County 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

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 prior to acceptance of waste.
- 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.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.

## **III. LANDFILL OPERATION**

### **III.A. Operations Plan**

- III.A.1. The Permittee shall keep the Operations Plan included in the Attachment #2 (Handling Procedures) 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 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 Piute County Courthouse, 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. 1. 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, a re-application for approval 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 may 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 place the final cover of the landfill as shown in the Attachment #4. 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.

##### **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 Piute 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 recorded notice.

##### **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 in Attachment #4. 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 establish and fund the approved mechanism prior to receipt of waste. 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.D.2. The Permittee shall notify the Director of the establishment of the approved financial assurance mechanism and shall receive acknowledgment from the Director that the established mechanism complies with the approved method prior to the acceptance of waste.

##### **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. The Permittee shall submit the information as required in R315-309-8 of the Utah Administrative Code and shall meet the qualifications for the "Local Government Financial Test" or "Local Government Guarantee" each year.

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/s 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 #1, but within the property boundaries designated in Attachment #1, 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 #1 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.

**Permit Attachments:**

- Attachment #1 - Landfill Design and Construction
- Attachment #2 - Operations Plan
- Attachment #3 - Waste Inspections
- Attachment #4 - Closure and Post-Closure

## Attachment #1 – Landfill Design and Construction

### General Description

The Tri City Class IV Landfill is a natural attenuation facility designed to fulfill the current and future inert solid waste disposal needs of northern Piute County, Utah. The facility encompasses a total of 27 acres and provides service to Circleville, Junction, Kingston, and unincorporated areas under the jurisdiction of Piute County Commission. Annual average waste volumes are averaged at less than 5 tons per day, and precipitation is less than 10 inches per year.

### Legal Description

Legal description of site is: Southwest ¼ of the Southeast ¼ of Section 16, Township 30 South, Range 3 West lying east of the existing county road and containing approx. 27 acres. The facility is located on property owned by the District. A location map is included.

The facility's main gate is located on an existing county road 115 degrees 12' 08" longitude and 38 degrees 11' 52" latitude near the center 1/16<sup>th</sup> corner of the southeast ¼, Section 16, Township 30 South, range 3 West. Lands surrounding the facility on the North, South, and West are private lands. Property east of the Site is owned by the State of Utah and may be purchased in the future to accommodate growth.

No formal zoning ordinances exist in the vicinity of the Class IV landfill.





## Attachment #2 – Operations Plan

### Handling Procedures

The Facility will be separated into various disposal areas including:

1. Yard Waste
2. Construction/Demolition Wastes
3. Dead Animals
4. Recyclable Metals
5. Other Categories as Need and Markets Develop

Yard wastes are vegetative matter resulting from landscaping, land maintenance, and land clearing operations including grass clippings, pruning's and other discarded material generated from yards, gardens, parks, farms, and similar types of facilities. This type of waste does not include garbage, paper, sludge, septage, or manure. Yard wastes brought to the landfill will be placed in the designated area, separated by types. The material will be held until it can be burned, chipped, or placed at the working face of the landfill. All burning will be done in accordance with Utah State Law and under the direction of the County Fire Marshal and only during the periods of March 30 through May 30 and September 15 through October 30. No trash, rubbish, tires or oil will be used to start the fires. Open burning is prohibited at the landfill, so yard wastes must be separated from the working area prior to burning. Separation may occur through the use of berms, trenches, pits, or appropriate fences. Trees, trunks, and stumps may be cut and used for heating fuel, slope protection, barriers, or in other approved projects.

Construction/Demolition material, including fencing designated for disposal will be brought to the working face where it will be dumped and spread. Large timbers and recyclable lumber will be separated and held for reuse. This waste will be covered as needed to avoid a fire hazard and at a maximum frequency of six months. Cover material may include fire resistant material, 6 inches of earthen material, or an alternate cover approved by the Executive Secretary. No fires will be permitted with in this area of the landfill.

Dead animals will be handled in accordance with administrative Rule 315-315-6. Dead animals received at the facility shall be deposited onto the working face at or near the bottom of a cell designated for dead animals, or in a separate disposal trench. All dead animals will be covered daily with a minimum of 6 inches of earth or 2 feet of other waste to prevent odors and the propagation and harborage of rodents and insects. When the situation arises that dead animals must be delivered to the facility during closed periods, generators will be required to contact the owner and arrange for a landfill operator to be present during disposal. During periods when dead animals are accepted, the District will provide adequate equipment to provide cover operations. If equipment necessary to adequately cover animal carcasses is not available on a particular day, dead animals will not be accepted until equipment is available.

Equipment to be used at the facility will consist primarily of a bulldozer owned by Piute County. When additional equipment is needed it will be borrowed/leased from Piute County. This may include loaders, trucks, track hoes, backhoes, and graders.

### Exclusion of Hazardous Waste

As a rural Class IV landfill, the Tri City facility is in a favorable position regarding exclusion of hazardous waste. Generally all waste will be delivered by local, known generators. The waste will be observed as it is deposited. During periods the landfill is open to the public, at least one percent of the vehicles and other suspicious loads will be directed to dispose of their material near the working face in a manner that permits inspection prior to unloading. The waste generator will be detained while the load is inspected. If unacceptable hazardous substances are encountered, they will not be unloaded, and appropriate authorities will be contacted. Considering the population served, waste volumes generated, and complexity of the solid waste stream, these measures are considered adequate.

### Disease Vector Control

The waste accepted at a Class IV landfill should not attract possible disease vector animals. The primary method for disease vector control at the facility will be limiting wastes to those types approved by the permit and providing an appropriate cover as needed to prevent fires. The cover will consist of a 6 inch minimum layer of earthen material or an alternate cover approved by the Secretary. Rodents and other vermin will not be permitted to burrow in the active area of the landfill, and trapping or extinction methods will be implemented to protect the integrity of the disease vector control program.

### Fire/Explosion Contingency Plan

In the event of a fire or an explosion that prohibits deposition on incoming waste in the existing cell, the landfill will be closed, and incoming waste will be diverted to an alternate facility. Alternate facilities may include other permitted Class IV landfills in the area, the Johns Valley Landfill, the Wayne County Landfill, the Sevier County Landfill, or other future landfills. Upon resolution of the unexpected event, the facility will reopen.

### Alternative Disposal

Alternative waste handling procedures for periods when the landfill is not in operation will be similar to procedures for fires and explosions. Waste will be diverted to alternate disposal sites. Alternate facilities may include other permitted Class IV landfills in the area, the Johns Valley Landfill, the Wayne County Landfill, the Sevier County Landfill, or other future landfills. Procedures will continue in this manner until operations at the landfill can return to normal.

In the event of equipment breakdown that cannot be repaired in a reasonable time frame, equipment will be borrowed from contributing entities or leased from local distributors. It is the intent of owners and operators to have dedicated equipment at the landfill over a period of time and to acquire appropriate backup equipment.

### Recycling

Recycling means: extracting valuable materials from the waste stream and remanufacturing them into useable products. Technical recycling expertise is not available and reliable recycling markets do not

exist for solid waste disposed at the Tri City Class IV Landfill. In an effort to promote source reduction and future recycling, large appliances, car bodies, and some ferrous metals will be stored onsite until they can be transported to an appropriate recycling/salvage facility. Compostable material may be diverted to areas designated for mulching or burning. However, no formal recycling or remanufacturing program is anticipated for this site.

#### Training/Safety Plan

No standardized training program exists for operators of the Tri City Class IV Landfill. Piute Special Service District does elect to send selected employees to receive such training through Landfill Operator and Waste Screening training courses provided by the Solid Waste Association. Safety procedures will conform to OSHA guidelines; and personnel will be encouraged to participate in additional landfill management, waste screening, safety, and first aid workshops that are more applicable to the Tri City Class IV Landfill. The Piute Special Service District will conduct semi-annual training meetings where landfill operations, permit requirements, safety, and other issues will be discussed.

## Attachment #3 – Waste Inspections

LANDFILL FORMS

DATE \_\_\_\_\_ TIME \_\_\_\_\_ LICENSE \_\_\_\_\_

VEHICLE TYPE \_\_\_\_\_ EST. WEIGHT \_\_\_\_\_

ITEMS DISCARDED \_\_\_\_\_

SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_ TIME \_\_\_\_\_ LICENSE \_\_\_\_\_

VEHICLE TYPE \_\_\_\_\_ EST. WEIGHT \_\_\_\_\_

ITEMS DISCARDED \_\_\_\_\_

SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_ TIME \_\_\_\_\_ LICENSE \_\_\_\_\_

VEHICLE TYPE \_\_\_\_\_ EST. WEIGHT \_\_\_\_\_

ITEMS DISCARDED \_\_\_\_\_

SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_ TIME \_\_\_\_\_ LICENSE \_\_\_\_\_

VEHICLE TYPE \_\_\_\_\_ EST. WEIGHT \_\_\_\_\_

ITEMS DISCARDED \_\_\_\_\_

SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_ TIME \_\_\_\_\_ LICENSE \_\_\_\_\_

VEHICLE TYPE \_\_\_\_\_ EST. WEIGHT \_\_\_\_\_

ITEMS DISCARDED \_\_\_\_\_

SIGNATURE \_\_\_\_\_

## Attachment #4 – Closure and Post-Closure

### Closure Plan

Closure Operations at the Tri City Class IV Landfill will be performed on an ongoing basis. Adequate capacity exists at the landfill to continue operation. A final closing date will not be determined at this time. Closure operations will consist of leveling, contouring, placement of appropriate covers and seeding as necessary to reduce infiltration and preserve the integrity of the completed areas of the landfill. Areas of the landfill reaching final elevation will be closed within 6 months. Excess material may be stripped and utilized in other operations or left in place. After grading operations promoting drainage are complete, earthen material which increases the total cover depth to 2 feet including 6

inches of native material will be installed. Upon completion of the covering operations, closed areas will be seeded. The seed mixture shall be developed after consultation with local range specialists and verifying availability of local seed markets. Recently closed sections of the landfill will be evaluated as part of the quarterly inspection process and will be placed on post closure status.

Areas used for temporary storage will be cleared of any remaining debris and contoured to slopes flatter than 2:1. Seeding will be conducted only when consistent with soil types, moisture, and vegetative viability.

### Site Capacity

Site Capacity for the entire Tri City Class IV Landfill cannot be accurately estimated. Assuming an initial 20 acre parcel, trench style operation, three 8.5 foot lifts of waste with 1.5 foot intermediate cover, and an average density of 900 lbs. per cubic yard, waste volumes can be estimated at 528,000 cubic yards or 237,600 tons.

### Active Fill Versus Closed Area

The active area of the Tri City Class IV Landfill is not anticipated to exceed .5 acres. Current operations are confined to less than .3 acres. The landfill has been in operation for 10 years. The initial closed to active ratio ranged from 0 to 25.

### Closure Timing and Notification

Closure activities at the Tri City Class IV Landfill will be performed on an ongoing basis. The Executive Secretary will be notified of closure progress by reviewing annual reports, and by contacting Division of Solid and Hazardous Waste inspectors who have visited the site. Considering the ongoing nature of closure operations and the justification for performing closure operations as a cell reaches final elevation, alternate notification procedures may not be feasible.

### Closure Costs and Mechanisms

Closure Costs were estimated using regional cost data and projections for work to be performed, considering the largest area of the disposal facility requiring final cover during the operating period. Closure operations will consist of an 18" infiltration layer and a 6" vegetative layer on an area not exceeding 15,000 sq. ft., seeding and administration. Closure costs, using the inflation factor of 1.02389 are estimated at \$20,477.80. The funding mechanism is a dedicated escrow account.