



Bureau of Sustainable Materials Management  
Solid Waste Disposal Site Permit  
**TBD 2024**

Tonopah Class II Landfill  
Tonopah, Nevada  
Permit ID: SW103REV02

State of Nevada  
Department of Conservation and Natural Resources  
Division of Environmental Protection  
Bureau of Sustainable Materials Management



**Solid Waste Disposal Site  
Class II Permit**

**Nye County  
Tonopah Landfill**

**Permit ID:  
SW103REV02**

**Point(s) of Contact for the Reviewee:**

Reviewee: Bureau of Sustainable Materials Management  
Main Line: 775.687.9462

The Bureau of Sustainable Materials Management can be reached by emailing [solidwaste@ndep.nv.gov](mailto:solidwaste@ndep.nv.gov), calling 775.687.9462, or by visiting the website at <https://ndep.nv.gov/contact-us/bureau-of-waste-management-contacts>.

**Point(s) of Contact for the Permittee:**

Permittee: Nye County  
Front Desk: 775.751.6262

Nye County’s Public Works office can be reached by emailing [publicworks@co.nye.nv.us](mailto:publicworks@co.nye.nv.us), calling 775.751.6262, or by visiting their website at [www.nyecountynv.gov](http://www.nyecountynv.gov).

**Permit Modification Chronology:**

Permittee: Nye County  
Permit ID: 103  
Date Issued: TBD, 2024

Revision	Permit Application Document(s)	Name in Permit	Organization	Submitted Date
REV00	“Permit Application”	Initial Application	Westec, Inc on Behalf of Nye County	May 19, 1998
REV01	“Request to Accept Dried Sewage Sludge”	1 <sup>st</sup> Revision Permit Application	Nye County	November 11, 2008
REV02	“Landfill Vertical Expansion Permit Application Modification 2 <sup>nd</sup> NDEP Submittal”	2 <sup>nd</sup> Revision Permit Application	SCS Engineers on Behalf of Nye County	May 15, 2024



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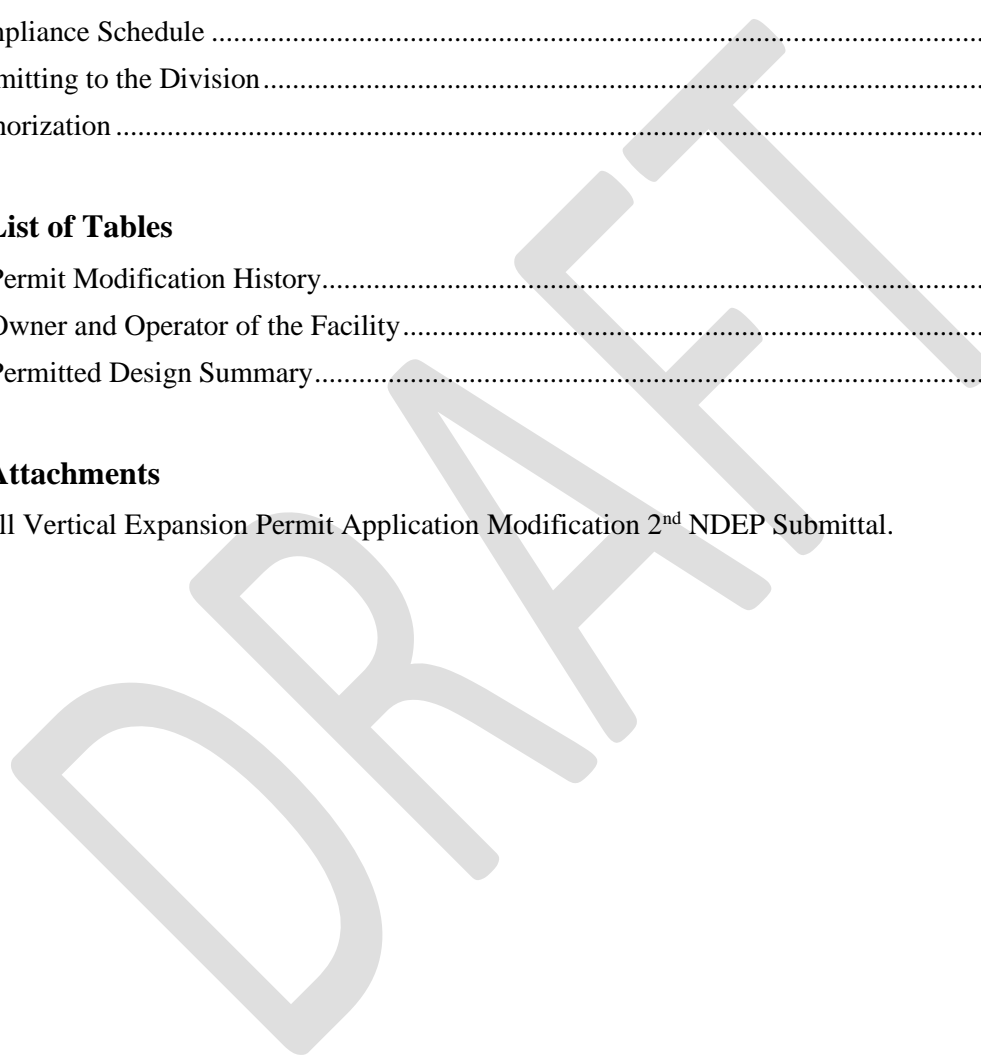
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**Permit Attachments**

1. Landfill Vertical Expansion Permit Application Modification 2<sup>nd</sup> NDEP Submittal.



 <b>Solid Waste Disposal Site Class II Permit</b>	<b>Nye County Tonopah Landfill</b>	<b>Permit ID: SW103REV02</b>
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**A. FACILITY SUMMARY**

The Tonopah Landfill is a Class II Municipal Solid Waste (MSW) site owned and operated by Nye County. The landfill serves as a disposal site for the Tonopah municipality, where refuse is delivered to the site by waste transport or private vehicles. The facility is an MSW area-fill disposal site and is authorized to accept MSW, Construction & Demolition (C&D) waste, and various special wastes as described in Section C(2) below; no other waste is permitted for acceptance at this facility.

The Phase I disposal area(s) are constructed without a liner or leachate collection system and no groundwater monitoring is conducted. The Phase II (inactive) disposal area has not yet constructed. The Phase II expansion will require a modification to the existing permit. The facility is required to conduct methane monitoring. Upon reaching capacity, a final cover will be constructed, and the Permittee will be responsible for 30 years of post-closure care. The Class II MSW facility accepts waste predominantly from the local community and at the Permittee’s discretion limited adjacent areas.

**1. PERMIT MODIFICATION HISTORY**

Since the Permit issuance on April 4, 2002, the Tonopah Landfill has been modified twice – including the current modification.

**Table 1.** Permit Modification History

Revision	Modification Description	Organization	Issued Date
REV00	N/A	Westec, Inc on Behalf of Nye County	April 19, 2002
REV01	Approved on March 3, 2024. Nye County modified the Permit to allow the acceptance of dried sewage sludge <sup>1</sup> .	Nye County	March 11, 2009
REV02	Approved on <b>TBD</b> , 2024. Nye County modified the Permit to allow for a vertical expansion on the cell heights for Phase I (active). Additionally, the modification included the installation of scales to accurately measure the intake of waste.	SCS Engineers on Behalf of Nye County	<b>TBD</b> , 2024

<sup>1</sup> Septage and sludge will not be accepted at the Tonopah Landfill. See Section 2.8.9 “Sewage and Sludge” of Operations plan from the 2<sup>nd</sup> Revision Permit Application and Section C ”Specific Permit Conditions” of the Permit.

**2. GENERAL DESCRIPTION**

The subject property for the Phase I and II areas(A) is a parcel 80 acres in size. Located within the confines of the Permittee’s property in the northern portion of Section 4, Township 2 North, Range 43 East, of Nye County, Nevada.

The Permit authorizes the construction and operation of a Class II disposal site, consisting of one MSW landfill unit, one C&D landfill unit, contiguous land, structures, and other appurtenances and improvements for the disposal of MSW as approved by the Nevada Division of Environmental Protection - Bureau of Sustainable Materials Management (Division).



The Permittee/Operator will perform methane monitoring, closure, and post-closure care in accordance with this Permit. The facility was exempted from groundwater monitoring with the approval of the Initial Permit Application in January 1998. The 2<sup>nd</sup> Revision Permit Application provides that the interim and final cover will be installed concurrently with ongoing operations.

**3. OWNER/OPERATOR**

The Tonopah Class II Landfill is currently owned and operated by Nye County.

**Table 2. Owner and Operator of the Facility**

Relation	Owner	Operator
Name	Nye County	Nye County
Address	250 N. Hwy 160, Suite 2	250 N. Hwy 160, Suite 2
County, State, Zip	Pahrump, NV 89060	Pahrump, NV 89060

**4. FACILITY LOCATION**

The facility is located in Ralston Valley in Nye County, 6 miles east of Tonopah, Nevada and is accessible from U.S. Highway 6. The property is located within portions of Nye County Section 4, Township 2 North, Range 43 East Mount Diablo Base and Meridian (MDB&M).

**5. FACILITY DESIGN**

**Table 3. Permitted Design Summary**

Class II Landfill	REV00	REV01		REV02	
		New	Total	New	Total
Disposal Area (acres)	80	0	80	0	80
Maximum Elevation (ft amsl)	5,810	0	5,810	10	5,820
Minimum Elevation (ft amsl)	5,730	0	5,730	0	5,730
Landfill Disposal Capacity (yds <sup>3</sup> )	54,200	0	54,200	377,495	431,695
Landfill Volume (yds <sup>3</sup> )	65,100	0	65,100	439,072	504,172

Where (ft amsl) is feet above mean sea level and (yds<sup>3</sup>) is cubic yards.

Note 1. The 80 acre disposal area includes Phase I (active) and Phase II (inactive)

Note 2. Phase I is composed of 19.9 acres, with 15.3 acres of that total for disposal.

Note 3. Phase I vertical expansion will extend the life of Phase I by approximately 38 years

Note 4. Phase II is composed of 60 acres

Note 5. Phase II will have an expected life of approximately 40 years

**B. GENERAL PERMIT CONDITIONS**

**1. DEFINITIONS**

Unless the context otherwise requires, the definitions used in this Permit have the meanings ascribed to them in **NAC 444.5701 to 444.631**.



“Landfill volume” means the quantity of space contained above the base and including the final cover of a landfill design.

“Landfill disposal capacity” means the quantity of solid waste and intermediate cover, by volume, that can be placed in a landfill, given its landfill volume and Operating Plan.

**2. PERMIT ACTIONS**

This Permit is based upon the information submitted in the Initial Permit Application, and subsequent modifications, as approved by the Division. This Permit may be modified by the Division, for cause, in accordance with **NAC 444.643** or if there is a change in the statutes or regulations upon which the issuance of the Permit is based, or if a modification is otherwise necessary to protect public health, safety, and the environment. This Permit may be revoked or suspended if written notice is given by the Division and the disposal site does not remain in compliance with the applicable statutes and regulations. The filing of a request by the Permittee for a Permit modification or termination, or a notification of planned changes or anticipated noncompliance, or termination of activities authorized in the Permit does not stay any Permit condition. The Permittee shall inform the Division of any deviation from or change in the operations as presented in the 2<sup>nd</sup> Revision Permit Application, which may affect the Permittee's ability to comply with applicable regulations or conditions of this Permit. This Permit may be transferred to a subsequent owner or operator only if the Division approves the transfer based on documentation of financial responsibility provided by the new owner or operator.

**3. AVAILABILITY OF PERMIT DOCUMENTS**

The Permittee shall keep at the disposal site, a complete copy of this Permit and incorporated documents, as identified herein.

**4. COMPLIANCE WITH STATUTES AND REGULATIONS**

The Permittee shall comply with **NRS 444.440** through **444.620**, and **NAC 444.570** through **444.7499**, as applicable.

**5. DUTY TO PROVIDE INFORMATION**

In accordance with **NRS 444.556**, the Permittee shall furnish to the Division, within a reasonable time, any relevant information which the Division may request to determine compliance with this Permit or to determine whether cause exists for modifying, revoking and reissuing, or terminating this Permit. The Permittee shall also furnish to the Division, upon request, copies of records required to be kept by this Permit.

**6. INCIDENT REPORTING**

The Permittee shall report incidents to the Division as provided in Part 3 “Operating Plan” of the 2<sup>nd</sup> Revision Permit Application. In addition, the Permittee shall report any noncompliance, imminent or existing hazard from a release of waste or hazardous constituents, any fire or explosion at the facility, or any condition which may endanger human health or the environment.

Such information shall be reported to the Division within 24 hours from the time the Permittee becomes aware of the circumstances by **any** of the following methods:

- a. Emergency Response Commission (Spill Hotline) telephone at 888.331.6337
- b. Online at: <https://nevadaenvironmentalactivities.ndep.nv.gov/Spill/ReportForm.aspx>
- c. *Reserved*



A written report shall be submitted to the NDEP-BSMM within 15 days of the incident and shall include the following:

- a. Name and title of person making report;
- b. Date, time, and type of incident;
- c. Name(s) and quantity of material(s) involved;
- d. A complete description of the occurrence and its cause;
- e. The extent of injuries, if any;
- f. An assessment of actual or potential hazards to the environment and human health outside the facility, where this is applicable;
- g. Estimated quantity and disposition of recovered material that resulted from the incident;
- h. Actions taken by the Permittee in response to the incident; and
- i. Actions taken by the Permittee to prevent similar incident from occurring.

**7. REPORTING ANTICIPATED NON-COMPLIANCE**

The Permittee shall give advanced notice to the Division of any planned changes in the permitted facility or activity that may result in noncompliance with Permit requirements.

**8. INSPECTION AND ENTRY**

Per **NRS 444.570** the Permittee shall allow the Division, or an authorized representative, upon the presentation of credentials or other documents as may be required by law, to:

- a. Enter at reasonable times upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;
- c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and
- d. Sample or monitor at reasonable times, for the purposes of assuring Permit compliance or as otherwise authorized, any substances or parameters at any location subject to the Permit.

**9. CONSTRUCTION QUALITY ASSURANCE AND QUALITY CONTROL**

Per **NAC 444.645**, the Permittee shall conform to the Construction Quality Assurance/Control (CQA/C) provisions contained in Section 4.0 "Construction Requirements" and Section 4.3 "Quality Assurance/Quality Control" from the 2<sup>nd</sup> Revision Permit Application.

**C. SPECIFIC PERMIT CONDITIONS**

**1. PERMIT DOCUMENTS**

The following documents, as submitted by the Permittee and approved by the Division also describe and/or restrict the operation of this disposal site and are incorporated into this Permit by reference:

- a. Permit Application;
- b. Request to Accept Dried Sewage Sludge;
- c. Landfill Vertical Expansion Permit Application Modification 2<sup>nd</sup> NDEP Submittal;
- d. *Reserved*

In the event of any conflict, the most restrictive document shall govern.



**2. SOLID WASTES PERMITTED FOR DISPOSAL**

The Permittee is allowed placing of the following wastes at the landfill:

- a. Waste identified in Section 2.0 “Facility Operations” of the Operating Plan from the 2<sup>nd</sup> Revision Permit Application;
- b. *Reserved*

The Permittee is allowed placing of the following special wastes at the landfill – subject to the handling conditions in Section 2.8 “Special Waste” of the Operating Plan from the 2<sup>nd</sup> Revision Permit Application:

- a. Waste Tires
- b. Used oil (to be collected and recycled)
- c. White goods and bulky items
- d. Refrigerators with certification of freon removal
- e. Animal Carcasses
- f. Waste identified in Section 2.0 “Facility Operations” of the Operating Plan from the 2<sup>nd</sup> Revision Permit Application;
- g. *Reserved*

**3. PROHIBITED SOLID WASTES**

The Permittee is prohibited from placing in the Class II landfill the following wastes:

- a. Liquid waste as defined by **NAC 444.692(4)**
- b. Hazardous waste, as defined by **NAC 444.580 (NRS 459.430)** & State and Federal Regulations
- c. Septic tank pumpings and raw sewage as defined by **NAC 444.654(2)**
- d. PCB waste, as defined by **NAC 444.6665**
- e. Asbestos
- f. Contaminated soil
- g. Manufactured gas plant waste
- h. Biochar and ash
- i. Photovoltaic (PV) modules & cells (Solar Panels)
- j. Coal Combustion Residue (CCR) and associated wastes and products
- k. All other wastes not specifically identified for disposal in the Operating Plan the 2<sup>nd</sup> Revision Permit Application
- l. *Reserved*

**4. RECORDKEEPING**

The Permittee shall maintain records at the site as described below.

- a. Any demonstration of restrictions on location required by **NAC 444.678 to 444.6795**, inclusive;
- b. Records of inspection, training procedures and procedures for notification required by **NAC 444.6665**;
- c. Records of each incident of unauthorized waste refusal or acceptance as described in the Operating Plan included with the 2<sup>nd</sup> Revision Permit Application;
- d. Results from the monitoring of gas and any remediation plans required by **NAC 444.667**;
- e. Any documentation relating to the design of the MSW landfill unit for the placement of leachate or gas condensate in the unit as required by paragraph (b) of subsection 2 of **NAC 444.692**;
- f. Plans for closure and post-closure and any monitoring, testing or analytical data required by **NAC 444.6891 to 444.6896**, inclusive; and
- g. Any documentation of cost estimates and financial assurance required by **NAC 444.685**.





- h. Records demonstrating adequate measuring and recording of all solid waste tonnage delivered to the delivered to the site throughout the permit period – in accordance with **NAC 444.728(3)**.

The owner or operator shall promptly notify the Division when the documentation has been placed in or added to the operating records. All information contained in the operating records must be furnished upon request to the Division or be made available at all reasonable times for inspection by the Division.

**D. REPORTING**

**1. SOLID WASTE REPORTING**

The Permittee shall:

- a. Submit semiannually to the Division a report of the solid waste received at the site. The report shall be submitted by a method prescribed by the Division. Submitted within 30 days following the end of each calendar year semi-annual period. Such information shall be reported to the Division by the following methods:
  - i. Entering the information directly into a Division managed Database, or if the database is not available;
  - ii. The respective “Class I/II/III – Quarterly Solid Waste Deposal Report Form” found online at: <https://ndep.nv.gov/land/waste/solid-waste/forms-guidance>.
- a. By October 21, 2022, and at least once every 5 years thereafter until the site is closed, submit the Capacity Report as required by **NAC 444.702(7)**.

**2. FINANCIAL ASSURANCE REPORTING**

The Permittee shall:

- a. Notify the Division of any adjustments made to the estimates for the amounts of closure and post-closure care in accordance with **NAC 444.6851** and **444.68515**; and
- b. Each year within 30 days following the end of each calendar year of the issuance of this Permit, the Permittee shall submit the closure and post-closure cost estimates adjusted for inflation.
  - i. Submittals shall conform to the allowable mechanisms found in **NAC 444.68525**.
  - ii. Submit proof that the allowable financial assurance mechanism is fully funded in accordance with **NAC 444.6851**.

**3. NOTIFICATION OF NEW CELL CONSTRUCTION**

In accordance with **NRS 444.556**, the Permittee shall notify the Division in writing within 10 days following the commencement of construction of a new cell in Phase I.

**E. MONITORING**

**1. GAS MONITORING**

Monitoring for flammable gases shall be conducted as detailed in Section 3.4 “Landfill Gas Monitoring” of the Operations Plan from the 2<sup>nd</sup> Revision Permit Application.

**2. GROUNDWATER MONITORING**

Monitoring for groundwater is not required for the effective Permit. As justified and detailed in the Initial Permit Application.



**F. MISCELLANEOUS CONDITIONS**

**1. COVER MATERIAL**

The Permittee shall:

- a. Segregate and stockpile topsoil from landfill construction for use as growth medium for the final cover.

**G. COMPLIANCE SCHEDULE**

**1. WASTE INTAKE MONITORING**

- a. The Permittee shall install truck weighing scales at the entrance of the facility as described in Section 2.3 “Scales” of the Operations Plan from the 2<sup>nd</sup> Revision Permit Application by April 30, 2025.
- b. The Permittee shall keep and maintain records demonstrating adequate measuring and recording of all solid waste tonnage delivered to the delivered to the site throughout the permit period in accordance with **NAC 444.728(3)**. A baseline monitoring period of **eight quarters** will be established to gather all the load and corresponding scale data for waste entering the landfill. The monitoring period will begin April 1, 2025, and end April 1, 2027. At the end of the baseline monitoring period, the landfill shall submit to the NDEP-BSMM a report that fulfills the requirements in Section C of this compliance schedule. Throughout the baseline monitoring period and afterwards, the Tonopah Landfill shall report on the solid waste received as required by Section D “Solid Waste Reporting” of this permit.
- c. **Thirty (30) days** after the end of the baseline monitoring period. An analysis report regarding the intake and characterization of the waste accepted shall be submitted to the Division for review. The report shall include **all** the load and corresponding scale data from the monitoring period. Furthermore, the report shall include the following analysis at a minimum:
  - i. Average yearly, quarterly, and daily intake of waste accepted into the landfill.
  - ii. Characterizing all the waste received by type (MSW, C&D, Special Wastes, etc.)
- d. After review and discussion with the Division, the Permittee may be required to apply for a Class I Landfill depending on the amount of waste accepted per day as required by **NAC 444.5705 and 444.6769**.

**2. PHASE II CONSTRUCTION**

- a. The Phase II expansion will require a modification to the current permit.



**Solid Waste Disposal Site  
Class II Permit**

**Nye County  
Tonopah Landfill**

**Permit ID:  
SW103REV02**

**H. SUBMITTING TO THE DIVISION**

All reports, notifications, or other submissions which are required by this Permit must be submitted by the specified due date to:

**Permitting Branch Supervisor**  
Bureau of Sustainable Materials Management  
Nevada Division of Environmental Protection  
901 S Stewart Street, Suite 4001  
Carson City, NV 89701-5249  
[solidwaste@ndep.nv.gov](mailto:solidwaste@ndep.nv.gov)

DRAFT

**I. AUTHORIZATION**

Signature of Approving Officer	Name and Title of Approving Officer	Date of Issuance
_____ Signature	<b>Annalyn Settelmeyer</b> Bureau of Sustainable Materials Management Chief	_____ Date