



# Division of Waste Management and Radiation Control

## Solid Waste Management Program

**WASTE MANAGEMENT  
& RADIATION CONTROL**

Mailing Address  
P.O. Box 144880  
Salt Lake City, Utah 84114-4880

Office Location  
195 North 1950 West  
Salt Lake City, Utah 84116

Phone (801) 536-0200  
Fax (801) 536-0222  
[www.deq.utah.gov](http://www.deq.utah.gov)

## APPLICATION FOR A PERMIT TO OPERATE A CLASS IV OR VI LANDFILL

Please read the instructions that are found in the document, INSTRUCTIONS FOR APPLICATION FOR A PERMIT TO OPERATE A CLASS IV or VI LANDFILL. This application form shall be used for all Class IV or VI solid waste disposal facility permits and modifications. Part I, GENERAL INFORMATION, must accompany a permit application. Part II, APPLICATION CHECKLIST, is provided to assist applicants and, if included with the application, will assist review. Part II is provided to assist in preparation and review of a permit application; it is not required by rule. The text of the rule governs all permit application contents and should be consulted when questions arise.

**Please note** the version date of this form found on the lower right of the page; if you have received this form more than six months after this date it is recommended you contact our office at (801) 536-0200 to determine if this form is still current. When completed, please return this form and support documents, forms, drawings, and maps to:

Douglas J. Hansen, Director  
Division of Waste Management and Radiation Control  
Utah Department of Environmental Quality  
PO Box 144880  
Salt Lake City, Utah 84114-4880

## Utah Class IV and VI Landfill Permit Application Form

<b>Part I General Information</b> APPLICANT: PLEASE COMPLETE ALL SECTIONS.											
<b>I. Landfill Type</b>	Class IVa Class VI	Class IVb	<b>II. Application Type</b>	New Application Renewal Application	Facility Expansion Modification						
For Renewal Applications, Facility Expansion Applications and Modifications Enter Current Permit Number											
<b>III. Facility Name and Location</b>											
Name of Facility											
Site Address (street or directions to site)							County				
City				Zip Code		Telephone					
Township		Range	Section(s)		Quarter/Quarter Section			Quarter Section			
Main Gate Latitude			degrees	minutes		seconds	Longitude		degrees	minutes	seconds
<b>IV. Facility Owner(s) Information</b>											
Name of Facility Owner											
Address (mailing)											
City				State		Zip Code		Telephone			
<b>V. Facility Operator(s) Information</b>											
Name of Facility Operator											
Address (mailing)											
City				State		Zip Code		Telephone			
<b>VI. Property Owner(s) Information</b>											
Name of Property Owner											
Address (mailing)											
City				State		Zip Code		Telephone			
<b>VII. Contact Information</b>											
Owner Contact					Title						
Address (mailing)											
City				State		Zip Code		Telephone			
Email Address					Alternative Telephone (cell or other)						
Operator Contact					Title						
Address (mailing)											
City				State		Zip Code		Telephone			
Email Address					Alternative Telephone (cell or other)						
Property Owner Contact					Title						
Address (mailing)											
City				State		Zip Code		Telephone			
Email Address					Alternative Telephone (cell or other)						

## Utah Class IV and VI Landfill Permit Application Form

<b>Part I General Information (Continued)</b>				
<b>VIII. Waste Types</b> (check all that apply)		<b>IX. Facility Area</b>		
Landfill will accept all wastes allowed in Class IV or VI landfills <b>Or</b> landfill will accept only the following wastes Waste Type                      Combined Disposal Unit                      Monofill Unit Construction & Demolition Tires Yard Waste Animals Contaminated Soil Other _____ Note: Disposal of dead animals must be approved by the Director		Facility Area..... acres Disposal Area..... acres Design Capacity Years..... Cubic Yards..... Tons.....		
<b>X. Fee and Application Documents</b>				
Indicate Documents Attached To This Application		Application Fee: Amount \$		Class VI Special Requirements
Facility Map or Maps	Facility Legal Description	Plan of Operation	Waste Description	Documents required by UCA 19-6-108(9) and (10)
Ground Water Report	Closure Design	Cost Estimates	Financial Assurance	
I HEREBY CERTIFY THAT THIS INFORMATION AND ALL ATTACHED PAGES ARE CORRECT AND COMPLETE.				
Signature of Authorized Owner Representative		Title	Date	
_____		Address		
Name typed or printed				
Email Address	Alternative Telephone (cell or other)			
Signature of Authorized Land Owner Representative (if applicable)		Title	Date	
_____		Address		
Name typed or printed				
Email Address	Alternative Telephone (cell or other)			
Signature of Authorized Operator Representative (if applicable)		Title	Date	
_____		Address		
Name typed or printed				
Email Address	Alternative Telephone (cell or other)			

## Utah Class IV and VI Landfill Permit Application Checklist

**Important Note:** The following checklist is for the permit application and addresses only the requirements of the Division of Waste Management and Radiation Control. Other federal, state, or local agencies may have requirements that the facility must meet. The applicant is responsible to be informed of, and meet, any applicable requirements. Examples of these requirements may include obtaining a conditional use permit, a business license, or a storm water permit. The applicant is reminded that obtaining a permit under the *Solid Waste Permitting and Management Rules* does not exempt the facility from these other requirements. Please take note of the heading of each section for the facilities that the section applies to.

An application for a permit to construct and operate a landfill is the documentation that the landfill will be located, designed, constructed, operated, and closed in compliance with the requirements of Utah Administrative Code R315-301 through 320 (*Utah Solid Waste Permitting and Management Rules*) and Utah Code Annotated 19-6-101 through 126 (*Utah Solid and Hazardous Waste Act*). The application should be written to be understandable by regulatory agencies, landfill operators, and the general public. The application should also be written so that the landfill operator, after reading it, will be able to operate the landfill according to the requirements with a minimum of additional training.

Copies of the *Solid Waste Permitting and Management Rules*, the *Utah Solid and Hazardous Waste Act*, along with many other useful guidance documents can be obtained by contacting the Division of Waste Management and Radiation Control at 801-536-0200. Most of these documents are available on the Division's web page at <https://deq.utah.gov/division-waste-management-radiation-control>. Guidance documents can be found at the solid waste section portion of the web page.

### **Part II      Application Checklist**

<b>I. Facility General Information</b>	
Description of Item	Location In Document
<b><i>1a. General Information for All Facilities</i></b>	
Completed Part I General information form above	
General description of the facility (R315-310-3(1)(b))	
Legal description of property (R315-310-3(1)(c))	
Proof of ownership, lease agreement, or other mechanism (R315-310-3(1)(c))	
If the permit application is for a Class IV landfill, a demonstration that the landfill is not a commercial facility (see Utah Code Annotated 19-6-102(3) for definition of Commercial)	
Waste type and anticipated daily volume (R315-310-3(1)(d))	
Intended schedule of construction (R315-302-2(2)(a))	
<b><i>1b. General Information for All New Or Laterally Expanding Facilities</i></b>	
Documentation that the Historical Survey requirements of R315-302-1(2)(f) have been met (R315-305-4(1)(b)(vi))	
Name and address of all property owners within 1000 feet of the facility boundary (R315-310-3(2)(i))	
Documentation that a notice of intent to apply for a permit has been sent to all property owners listed above (R315-310-3(2)(ii))	

## Utah Class IV and VI Landfill Permit Application Checklist

<b>I. Facility General Information</b>	
Description of Item	Location In Document
Name of the local government with jurisdiction over the facility site (R315-310-3(2)(iii))	
<b><i>Ic.</i> Location Standards for New Or Laterally Expanding Class IVa Landfills (R315-305-4(1)(a))</b>	
Land use compatibility	
Maps showing the existing land use, topography, residences, parks, monuments, recreation areas or wilderness areas within 1000 feet of the site boundary	
Certifications that no ecologically or scientifically significant areas or endangered species are present in site area	
Maps showing the location of dwellings, residential areas, other structures, and historic structures.	
List of airports within five miles of facility and distance to each	
<b>Geology</b>	
Geologic maps showing significant geologic features, faults, and unstable areas	
Maps showing site soils	
<b>Surface water</b>	
Magnitude of 24 hour 25 year and 100 year storm events	
Average annual rainfall	
Maximum elevation of flood waters proximate to the facility	
Maximum elevation of flood water from 100 year flood for waters proximate to the facility	
<b>Wetlands</b>	
<b>Ground water</b>	
<b><i>Id.</i> Location Standards for New Or Laterally Expanding Class IVb and VI Landfills</b>	
Floodplains as specified in R315-302-1(2)(c)(ii) (R315-305-4(1)(b)(i))	
Wetlands as specified in R315-302-1(2)(d) (R315-305-4(1)(b)(ii))	
The landfill is located so that the lowest level of waste is at least ten feet above the historical high level of ground water (R315-305-4(1)(b)(iii))	
Geology as specified in R315-302-1(2)(b)(i) and (iv) (R315-305-4(1)(b)(iv))	
Demonstration that the lowest level of waste will be ten feet above the historic high ground water elevation	
<b><i>Ie.</i> Additional Location Standards for New Or Laterally Expanding Class IVb and VI Landfills Or Landfills Requesting That Dead Animals Be Added As A New Waste Stream (R315-305-4(1)(a)(v))</b>	
Maps showing the existing land use, topography, residences, parks, monuments, recreation areas or wilderness areas within 1000 feet of the site boundary	

## Utah Class IV and VI Landfill Permit Application Checklist

<b>I. Facility General Information</b>	
Description of Item	Location In Document
Certifications that no ecologically or scientifically significant areas or endangered species are present in site area	
Maps showing the location of dwellings, residential areas, other structures, and historic structures.	
List of airports within five miles of facility and distance to each	
<b>If. Plan Of Operations for All Facilities (R315-310-3(1)(e) and R315-302-2(2))</b>	
Description of on-site waste handling procedures and an example of the form that will be used to record the weights or volumes of waste received (R315-302-2(2)(b) And R315-310-3(1)(f))	
Schedule for conducting inspections and monitoring, and examples of the forms that will be used to record the results of the inspections and monitoring (R315-302-2(2)(c), R315-302-2(5)(a), and R315-310-3(1)(g))	
Contingency plans in the event of a fire or explosion (R315-302-2(2)(d))	
Plan to control fugitive dust generated from roads, construction, general operations, and covering the waste (R315-302-2(2)(g))	
Plan for litter control and collection (R315-302-2(2)(h))	
Procedures for excluding the receipt of prohibited hazardous or PCB containing waste (R315-302-2(2)(j))	
Procedures for controlling disease vectors (R315-302-2(2)(k))	
A plan for alternative waste handling (R315-302-2(2)(l))	
A general training plan for site operations (R315-302-2(2)(o))	
Any recycling programs planned at the facility (R315-303-4(6))	
Approved traffic impact study from the agency with jurisdiction over the roads, including the safety, operation, and condition of roadways serving the proposed facility [Utah Solid and Hazardous Waste Act 19-6-108(9)(g)].	
For a facility owned or operated by a local government, disclosure of costs for establishing and operating the facility [Utah Solid and Hazardous Waste Act 19-6-108(9)(h)].	
Any other site-specific information pertaining to the plan of operation required by the Director (R315-302-2(2)(p))	
<b>Ig. Additional Plan Of Operation Requirements for Class IVa Facilities</b>	
Corrective action programs to be initiated if ground water is contaminated (R315-302-2(2)(e))	
<b>// Facility Technical Information</b>	
<b>//a. Maps for All Facilities</b>	

## Utah Class IV and VI Landfill Permit Application Checklist

<b>I. Facility General Information</b>	
Description of Item	Location In Document
Topographic map drawn to the required scale with contours showing the boundaries of the landfill unit, ground water monitoring well locations, gas monitoring points, and the borrow and fill areas (R315-310-4(2)(a)(i))	
Most recent U.S. Geological Survey topographic map, 7-1/2 minute series, showing the waste facility boundary; the property boundary; surface drainage channels; any existing utilities and structures within one-fourth mile of the site; and the direction of the prevailing winds (R315-310-4(2)(a)(ii))	
<b>IIb. Geohydrological Assessment for Class IVa Landfills (R315-310-4(2)(b))</b>	
Local and regional geology and hydrology including faults, unstable slopes and subsidence areas on site (R315-310-4(2)(b)(i))	
Evaluation of bedrock and soil types and properties including permeability rates (R315-310-4(2)(b)(ii))	
Depth to ground water (R315-310-4(2)(b)(iii))	
Quantity, location, and construction of any private or public wells on-site or within 2,000 feet of the facility boundary (R315-310-4(2)(b)(v))	
Tabulation of all water rights for ground water and surface water on-site and within 2,000 feet of the facility boundary (R315-310-4(2)(b)(vi))	
Identification and description of all surface waters on-site and within one mile of the facility boundary (R315-310-4(2)(b)(vii))	
For an existing facility, identification of impacts upon the ground water and surface water from leachate discharges (R315-310-4(2)(b)(viii))	
Calculation of site water balance (R315-310-4(2)(b)(ix))	
<b>IIc. Engineering Report, Plans, Specifications, And Calculations for All Facilities</b>	
Unit design to include cover design; fill methods; and elevation of final cover including plans and drawings signed and sealed by a professional engineer registered in the State of Utah, when required (R315-310-3(1)(b) and R315-310-4(2)(c)(iii))	
Design and location of run-on and run-off control systems (R315-310-4(2)(c)(viii))	
Anticipated facility life and the basis for calculating the facility's life (R315-310-4(2)(c)(ii))	
Engineering reports required to meet the location standards of R315-305-4 including documentation of any demonstration or exemption made for any location standard (R315-310-4(2)(c)(i))	
Identification of borrow sources for final cover (R315-310-4(2)(c)(iv))	

## Utah Class IV and VI Landfill Permit Application Checklist

<b>I. Facility General Information</b>	
Description of Item	Location In Document
Run-off collection, treatment, and disposal and documentation to show that any treatment system is being or has been reviewed by the Division of Water Quality (R315-310-4(2)(c)(v) and R315-310-3(1)(i))	
<b><i>II.d. Closure Requirements for All Facilities</i></b>	
CLOSURE PLAN (R315-310-3(1)(h))	
Closure schedule (R315-310-4(2)(d)(i))	
Design of final cover (R315-310-4(2)(c)(iii))	
Capacity of site in volume and tonnage (R315-310-4(2)(d)(ii))	
Final inspection by regulatory agencies (R315-310-4(2)(d)(iii))	
<b><i>II.e. Post-Closure Requirements for All Facilities</i></b>	
POST-CLOSURE CARE PLAN (R315-310-3(1)(h))	
Changes to record of title, land use, and zoning restrictions (R315-310-4(2)(e)(v))	
Maintenance activities to maintain cover and run-on/run-off control systems (R315-310-4(2)(e)(iii))	
List the name, address, and telephone number of the person or office to contact about the facility during the post-closure care period (R315-310-4(2)(e)(vi))	
<b><i>II.f. Financial Assurance for All Facilities (R315-310-3(1)(j))</i></b>	
Identification of closure costs including cost calculations (R315-310-4(2)(d)(iv))	
Identification of post-closure care costs including cost calculations (R315-310-4(2)(e)(iv))	
Identification of the financial assurance mechanism that meets the requirements of Rule R315-309 and the date that the mechanism will become effective (R315-309-1(1) and R315-310-3(1)(j))	

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